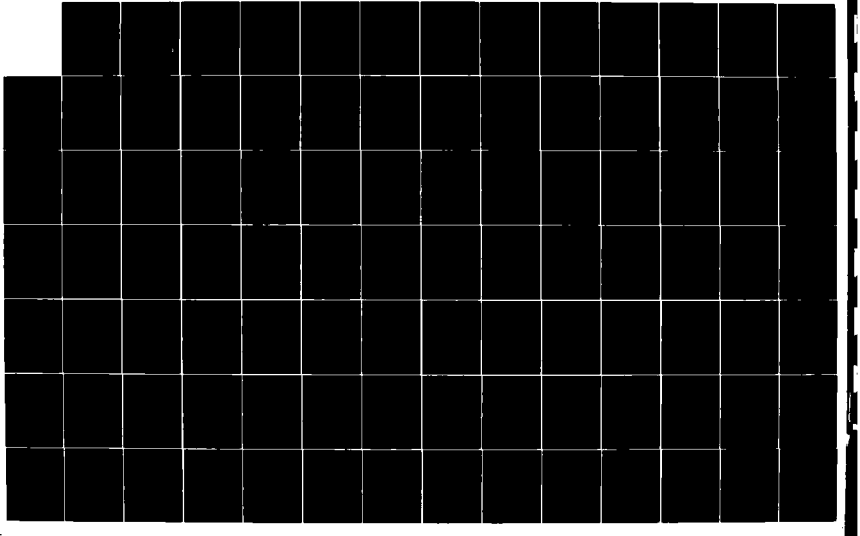
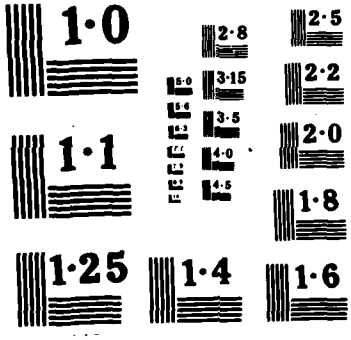
AD A159 844 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85 1/7

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




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AD-A159 644

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

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DAVIS-MONTHAN AFB AZ WBAN #722745
N 32 10 W 110 53 ELEV: 2705 FT DMA

PARTS A-F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:
HOURLY OBSERVATIONS: MAY 75 - APR 85
SUMMARY OF DAY DATA: AUG 41 - JAN 46, JAN 49 - APR 85

TIME CONVERSION GMT TO LST: -7

16 JUL 1985

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## REVIEW AND APPROVAL STATEMENT

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

FOR THE COMMANDER

Wayne E. McCollom

WAYNE E. MCCOLLOM
Chief, Document Research Section
USAFETAC/LDX

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE

A159644

# REPORT DOCUMENTATION PAGE

| | |
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| 1a. REPORT SECURITY CLASSIFICATION<br>Unclassified | 1b. RESTRICTIVE MARKINGS |
| 2a. SECURITY CLASSIFICATION AUTHORITY | 3. DISTRIBUTION/AVAILABILITY OF REPORT<br>Approved for public release; distribution unlimited. |
| 2b. DECLASSIFICATION/DOWNGRADING SCHEDULE | |
| 4. PERFORMING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS-85/040 | 5. MONITORING ORGANIZATION REPORT NUMBER(S)<br>USAFETAC/DS-85/040 |
| 6a. NAME OF PERFORMING ORGANIZATION<br>USAFETAC/OL-A<br>6b. OFFICE SYMBOL (If applicable) | 7a. NAME OF MONITORING ORGANIZATION<br>USAFETAC |
| 6c. ADDRESS (City, State, and ZIP Code)<br>Federal Building<br>Asheville, NC 28801 | 7b. ADDRESS (City, State, and ZIP Code)<br>Scott AFB, IL 62225-5438 |
| 8a. NAME OF FUNDING/SPONSORING ORGANIZATION<br>8b. OFFICE SYMBOL (If applicable) | 9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER |
| 8c. ADDRESS (City, State, and ZIP Code) | 10. SOURCE OF FUNDING NUMBERS<br>PROGRAM ELEMENT NO. / PROJECT NO. / TASK NO. / WORK UNIT ACCESSION NO. |
| 11. TITLE (Include Security Classification)<br>DAVIS-MONTHAN AFB ARIZONA (RUSSWO) (Unclassified) | |
| 12. PERSONAL AUTHOR(S) | |
| 13a. TYPE OF REPORT<br>Data Summary<br>13b. TIME COVERED FROM MAY 75 TO APR 85 | 14. DATE OF REPORT (Year, Month, Day)<br>JUL 85 |
| 15. PAGE COUNT<br>320 | |
| 16. SUPPLEMENTARY NOTATION | |

| 17. COSATI CODES | | |
|---|---|---|
| FIELD | GROUP | SUB-GROUP |
| 04 | 02 | |
| | | |

18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)
*climatology *weather Meteorological conditions
(continued over)

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

A six-part statistical data summary of surface weather observation climatology for:
DAVIS-MONTHAN AFB AZ.
Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs) for complete descriptions of contents and instructions for use.

| | |
|---|---|
| 20. DISTRIBUTION/AVAILABILITY OF ABSTRACT<br>☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS | 21. ABSTRACT SECURITY CLASSIFICATION<br>Unclassified |
| 22a. NAME OF RESPONSIBLE INDIVIDUAL<br>Marie Wakefield | 22b. TELEPHONE (Include Area Code)<br>(618) 256-2625<br>22c. OFFICE SYMBOL<br>USAFETAC/LDD |

DD FORM 1473, 84 MAR 83 APR edition may be used until exhausted. All other editions are obsolete.

SECURITY CLASSIFICATION OF THIS PAGE
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18. Subject terms cont.

winds preceipitation temperature visibility

barometric pressure relative humidity

sky cover psychrometric data ceiling

Revised Uniform Summary of Surface Weather Observations
RUSSWO

DAVIS-MONTHAN AFB ARIZONA
USA2722745

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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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# 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: 0000-0300, 0300-0600, 0600-0900, 0900-1200, 1200-1500, 1500-1800, 1800-2100, 2100-2400 hours local standard time.

## MISSING HOUR GROUPS

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

JANUARY_____ APRIL_____ JULY_____ OCTOBER_____

FEBRUARY_____ MAY_____ AUGUST_____ NOVEMBER_____

MARCH_____ JUNE_____ SEPTEMBER_____ DECEMBER_____



| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 722745 | DAVIS MONTHAN AFB Az | N 32 10 | W 110 53 | 2705 | DMA | |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION NAME | TYPE OF STATION | AT THIS LOCATION FROM | AT THIS LOCATION TO | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL STATION (FT) | ELEVATION ABOVE MSL TYPE BAROMETER | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Davis Monthan AFB AZ | AFB | Mar 49 | Mar 53 | N 32 11 | W 110 55 | 2565 | 2616 | 24 |
| 2 | Same | Same | Apr 53 | 26 May 53 | Same | W 110 53 | 2626 | Same | 24 |
| 3 | Same | Same | 27 May 53 | 16 Oct 55 | Same | Same | 2688 | Same | 24 |
| 4 | Same | Same | 17 Oct 55 | 3 Apr 68 | N 32 10 | Same | Same | 2654 | 24 |
| 5 | Same | Same | 4 Apr 68 | Feb 79 | Same | Same | 2705 | Same | 24 |
| 6 | Same<br>No change in 1964. | Same | Mar 79 | Dec 84 | Same | Same | 2705 | Same | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | REMARKS ADDITIONAL EQUIPMENT OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| 1 | Mar 49 | Located on top of control tower. | Selsyn | ML-144A | 66 ft | |
| 2 | 14 Apr 54 | Located on roof of weather station. | GMQ-1 | ML-144 | 35 ft | |
| 3 | 4 May 55 | Mounted on roof of bldg. | Same | Same | 25 ft | |
| 4 | 17 Oct 55 | Mounted on top of weather station. | Same | Same | 40 ft | |
| 5 | 2 May 56 | Located between active rnwy and ramp, 750 ft from centerline of rnwy, opposite base operations bldg. | GMQ-11 | RO-2 | 13 ft | |
| 6 | 6 Aug 57 | Located 800 ft from end of rnwy 12, on SW side. | Same | Same | Same | |

USAFETAC FORM APR 68 0-19 (OL A)

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 | |
| 7 | 1 Apr 58 | Located 800 ft along NE side of rnwy, approximately center of rnwy. | Same | Same | Same | |
| 8 | 12 Apr 60 | Located 500 ft from centerline of rnwy on SW side approximately midway along the length. | Same | Same | Same | |
| 9 | 4 Feb 69 | 1. Located 800 ft from centerline on SW side, 1000 ft from end of runway 12. | Same | RC-362 | Same | |
| | | 2. Located 500 ft from centerline on SW side, 1000 ft from end of runway 30. | Same | | Same | |
| 10 | Jan 70 | 1. Located 500 ft from centerline on NE side, 1000 ft from end of runway 12. | GMQ-20 | Same | Same | |
| | | 2. Located 500 ft from centerline on SW side, 1000 ft from end of runway 30. | Same | | Same | |
| 11 | Feb 79 | 1. Same | Same | Same | Same | |
| | | 2. Same | Same | | Same | |
| 12 | Dec 83 | 1. Same | Same | Same | Same | |
| | | 2. Same | Same | | Same | |

MAC-6 AFB, Ill 60-8975

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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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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 DAVIS-MONTHAN AFB AZ 76-85 JAN
STATION STATION NAME YEARS MONTH

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | | 5.4 | | .1 | | 5.5 | 1.4 | | | | 1.4 | 930 |
| | 03-05 | | 4.1 | | . | | 4.3 | 1.2 | | | | 1.2 | 930 |
| | 06-08 | .2 | 6.1 | | . | | 6.4 | 2.8 | | | | 2.8 | 929 |
| | 09-11 | | 5.2 | | . | | 5.3 | 2.5 | | | | 2.5 | 930 |
| | 12-14 | .5 | 3.9 | | . | | 4.0 | 1.4 | | | | 1.4 | 930 |
| | 15-17 | .5 | 5.7 | | | | 5.7 | .6 | | | | .6 | 929 |
| | 18-20 | .2 | 7.3 | | | | 7.3 | 1.1 | | | | 1.1 | 930 |
| | 21-23 | | 7.0 | | | | 7.0 | .9 | .2 | | | 1.3 | 929 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 5.6 | | .1 | | 5.7 | 1.5 | .0 | | | 1.5 | 7437 |

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# WEATHER CONDITIONS

722745 DAVIS-MONTHAN AFB AZ 76-85 FEB
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | | 4.5 | | | | 4.5 | .6 | | | .1 | .7 | 849 |
| | 03-05 | | 5.1 | | | | 5.1 | .7 | | | .1 | .6 | 849 |
| | 06-08 | .1 | 3.3 | | .1 | | 3.4 | .5 | | | | .5 | 849 |
| | 09-11 | | 3.4 | | | | 3.4 | .6 | | | .1 | .7 | 849 |
| | 12-14 | .1 | 3.5 | | | | 3.5 | .4 | | | | .4 | 849 |
| | 15-17 | .2 | 4.0 | | | | 4.0 | .4 | | | | .4 | 849 |
| | 18-20 | .1 | 5.0 | | .1 | | 5.0 | .5 | | | | .5 | 848 |
| | 21-23 | | 4.5 | | .1 | | 4.5 | .2 | | | | .2 | 848 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 4.2 | | .0 | | 4.2 | .5 | | | .0 | .5 | 6790 |

2

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

722745 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 76-85 (YEARS) MAR (MONTH)

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

| MONTH | HOURS (LST) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | | 2.8 | | | | 2.8 | | | | | | 930 |
| | 03-05 | .1 | 4.0 | | | | 4.0 | | | | | | 930 |
| | 06-08 | .2 | 2.8 | | . | | 2.8 | .2 | | | .3 | .5 | 930 |
| | 09-11 | .1 | 3.2 | | . | .1 | 3.2 | .1 | | | .6 | .8 | 930 |
| | 12-14 | | 3.2 | | | | 3.2 | | | | .2 | .2 | 930 |
| | 15-17 | .3 | 4.4 | | . | | 4.4 | | | | .3 | .3 | 930 |
| | 18-20 | .2 | 3.5 | | . | | 3.9 | .1 | | | | .1 | 930 |
| | 21-23 | .3 | 3.2 | | . | | 3.3 | .2 | | | | .2 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 3.4 | | . | .0 | 3.5 | .1 | | | .2 | .3 | 7440 |

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# WEATHER CONDITIONS

72274 DAVIS-MONTHAN AFB AZ 76-85 APR
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .1 | 1.6 | | | | 1.6 | | | | | | 900 |
| | 03-05 | | 2.1 | | | | 2.1 | | | | | | 900 |
| | 06-08 | | .9 | | . | | 1.0 | | | | | | 900 |
| | 09-11 | .1 | 1.3 | | | .1 | 1.3 | | | | | | 900 |
| | 12-14 | .3 | 1.6 | | | | 1.6 | | | | .1 | .1 | 900 |
| | 15-17 | .2 | 2.3 | | | | 2.3 | | | | | | 899 |
| | 18-20 | .3 | 2.8 | | . | | 2.8 | | | | | | 897 |
| | 21-23 | .2 | 1.6 | | | | 1.6 | | | | | | 897 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 1.8 | | . | .0 | 1.8 | | | | .0 | .0 | 7193 |

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USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 (STATION) PAVIS-MONTHAN AFB AZ (STATION NAME) 75-84 (YEARS) MAY (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | .6 | .5 | | | | .5 | | | | | | 930 |
| | 03-05 | .4 | .5 | | | | .5 | | | | | | 930 |
| | 06-08 | .1 | .4 | | | | .4 | | | | | | 930 |
| | 09-11 | .1 | .6 | | | | .6 | | | | | | 930 |
| | 12-14 | 1.5 | 1.5 | | | | 1.5 | .3 | | | | .3 | 930 |
| | 15-17 | 2.7 | 3.0 | | | | 3.0 | .2 | | | .1 | .3 | 930 |
| | 18-20 | 2.3 | 2.5 | | | | 2.5 | .1 | | | | .1 | 930 |
| | 21-23 | 1.3 | 1.3 | | | | 1.3 | | | | | | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 1.3 | | | | 1.3 | .1 | | | .0 | .1 | 7440 |

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USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

72745 DAVIS-MONTHAN AFB AZ 75-84 JUN
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | .1 | .2 | | | | .2 | | | | | | 900 |
| | 03-05 | .3 | .2 | | | | .2 | | | | | | 900 |
| | 06-08 | .2 | | | | | | | | | | | 900 |
| | 09-11 | .1 | .1 | | | | .1 | | | | | | 900 |
| | 12-14 | 1.4 | 1.1 | | | | 1.1 | | | | | | 900 |
| | 15-17 | 2.1 | 2.6 | | | | 2.6 | | | | .1 | .1 | 900 |
| | 18-20 | 2.7 | 2.8 | | | | 2.8 | | | | .1 | .1 | 899 |
| | 21-23 | .6 | .4 | | | | .4 | | | | | | 900 |
| TOTALS | | 1.2 | .9 | | | | .9 | | | | .0 | .0 | 7199 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 DAVIS-MONTHAN AFB AZ 75-84 JUL
STATION STATION NAME YEARS 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 RESTR TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | 3.9 | 6.1 | | | | 6.1 | | | | | | 930 |
| | 03-05 | 1.6 | 2.6 | | | | 2.6 | | | | | | 930 |
| | 06-08 | 1.5 | 1.9 | | | | 1.9 | | | | | | 930 |
| | 09-11 | 1.1 | 2.6 | | | | 2.6 | | | | | | 930 |
| | 12-14 | 3.3 | 2.5 | | | | 2.5 | | | | | | 930 |
| | 15-17 | 13.1 | 7.2 | | | | 7.2 | | | | .3 | .3 | 930 |
| | 18-20 | 15.9 | 9.7 | | | | 9.7 | | | | .3 | .3 | 930 |
| | 21-23 | 10.0 | 11.7 | | | | 11.7 | | | | .3 | .3 | 930 |
| TOTALS | | 6.3 | 5.5 | | | | 5.5 | | | | .1 | .1 | 7440 |

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

1
2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 DAVIS-MONTHAN AFB AZ 75-84 AUG
STATION STATION NAME YEARS 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. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 3.9 | 4.0 | | | | 4.0 | | | | | | 930 |
| | 03-05 | 1.7 | 2.8 | | | | 2.8 | | | | | | 930 |
| | 06-08 | .6 | 1.6 | | | | 1.6 | .1 | | | | .1 | 930 |
| | 09-11 | .2 | 1.3 | | | | 1.3 | | | | | | 930 |
| | 12-14 | 3.0 | 1.8 | | | | 1.8 | | | | | | 930 |
| | 15-17 | 14.1 | 8.4 | | | | 8.4 | | .1 | | | .1 | 930 |
| | 18-20 | 11.2 | 8.0 | | | | 8.0 | | .3 | | | .3 | 930 |
| | 21-23 | 5.8 | 5.7 | | | | 5.7 | | | | | | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 5.1 | 4.2 | | | | 4.2 | .0 | .1 | | | .1 | 7440 |

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

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GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 (STATION) JAVIS-MONTHAN AFB AZ (STATION NAME) 75-84 (YEARS) SEP (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | .9 | 2.1 | | | | 2.1 | | | | | | 899 |
| | 03-05 | | 1.1 | | | | 1.1 | | | | | | 900 |
| | 06-08 | .2 | .7 | | | | .7 | | | | | | 900 |
| | 09-11 | | 1.0 | | | | 1.0 | .1 | | | | .1 | 900 |
| | 12-14 | 2.3 | 2.3 | | | | 2.3 | .1 | | | | .1 | 900 |
| | 15-17 | 6.4 | 5.3 | | | .2 | 5.3 | | | | | | 900 |
| | 18-20 | 7.7 | 7.3 | | | .1 | 7.3 | | | | .2 | .2 | 900 |
| | 21-23 | 3.4 | 4.1 | | | | 4.1 | | | | .1 | .1 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.6 | 3.0 | | | .0 | 3.0 | .0 | | | .0 | .1 | 7199 |

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
OCT — MONTH

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

| MONTH | HOURS (LST) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | .3 | 1.9 | | | | 1.9 | .2 | | | | .2 | 930 |
| | 03-05 | .6 | 1.9 | | | | 1.9 | | | | .2 | .2 | 930 |
| | 06-08 | .4 | 3.0 | | | | 3.0 | .3 | | | | .3 | 930 |
| | 09-11 | .2 | 3.1 | | | | 3.1 | .2 | | | .1 | .3 | 930 |
| | 12-14 | .8 | 3.5 | | | | 3.5 | .1 | | | | .1 | 930 |
| | 15-17 | 1.0 | 2.5 | | | | 2.5 | | | | | | 930 |
| | 18-20 | 1.2 | 2.9 | | | | 2.9 | | | | .1 | .1 | 930 |
| | 21-23 | .4 | 1.4 | | | | 1.4 | | | | .1 | .1 | 929 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 2.5 | | | | 2.5 | .1 | | | .1 | .2 | 7439 |

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

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# WEATHER CONDITIONS

72274 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 75-84 (YEARS) NOV (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | .4 | 2.7 | | | | 2.7 | .4 | | | .2 | .7 | 900 |
| | 03-05 | | 2.2 | | .1 | | 2.2 | .3 | | | .3 | .7 | 900 |
| | 06-08 | | 2.0 | | | | 2.0 | .6 | | | .1 | .7 | 900 |
| | 09-11 | | 2.9 | | | | 2.9 | .1 | | | .1 | .2 | 900 |
| | 12-14 | | 3.7 | | | | 3.7 | .1 | | | .2 | .3 | 900 |
| | 15-17 | .3 | 3.4 | | | | 3.4 | .1 | | | .1 | .2 | 900 |
| | 18-20 | | 2.3 | | | | 2.3 | .3 | | | .3 | .7 | 900 |
| | 21-23 | .1 | 2.0 | | | | 2.0 | .2 | | | .1 | .3 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 2.7 | | . | | 2.7 | .3 | | | .2 | .5 | 7200 |

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

72745 STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 75-84 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 | | 3.6 | | | | 3.6 | 2.0 | | | | 2.0 | 929 |
| | 03-05 | .1 | 3.5 | | . | | 3.7 | 2.0 | | | | 2.0 | 930 |
| | 06-08 | .1 | 4.3 | | . | | 4.3 | 2.0 | | | | 2.0 | 929 |
| | 09-11 | | 3.9 | | . | | 4.3 | 2.8 | | | | 2.8 | 929 |
| | 12-14 | .3 | 5.2 | | . | .1 | 5.4 | 1.4 | | | | 1.4 | 930 |
| | 15-17 | | 5.3 | | | | 5.3 | .8 | | | | .8 | 930 |
| | 18-20 | .2 | 6.1 | | | | 6.1 | 1.4 | | | | 1.4 | 929 |
| | 21-23 | | 5.0 | | . | | 5.0 | 1.6 | | | | 1.6 | 929 |
| TOTALS | | .1 | 4.6 | | . | .0 | 4.7 | 1.8 | | | | 1.6 | 7435 |

USAFETAC FORM JULY 68 0-10-5(OL A), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# WEATHER CONDITIONS

722745 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 75-85 (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 | .2 | 5.6 | | . | | 5.7 | 1.5 | .0 | | | 1.5 | 7437 |
| FEB | | .1 | 4.2 | | . | | 4.2 | .5 | | | .0 | .5 | 6790 |
| MAR | | .2 | 3.4 | | . | .0 | 3.5 | .1 | | | .2 | .3 | 7440 |
| APR | | .2 | 1.8 | | . | .0 | 1.8 | | | | .0 | .0 | 7193 |
| MAY | | 1.1 | 1.3 | | | | 1.3 | .1 | | | .0 | .1 | 7440 |
| JUN | | 1.2 | .9 | | | | .9 | | | | .0 | .0 | 7199 |
| JUL | | 6.3 | 5.5 | | | | 5.5 | | | | .1 | .1 | 7440 |
| AUG | | 5.1 | 4.2 | | | | 4.2 | .0 | .1 | | | .1 | 7440 |
| SEP | | 2.6 | 3.0 | | | .0 | 3.0 | .0 | | | .0 | .1 | 7199 |
| OCT | | .6 | 2.5 | | | | 2.5 | .1 | | | .1 | .2 | 7439 |
| NOV | | .1 | 2.7 | | . | | 2.7 | .3 | | | .2 | .5 | 7200 |
| DEC | | .1 | 4.6 | | . | .0 | 4.7 | 1.8 | | | | 1.8 | 7435 |
| TOTALS | | 1.5 | 3.3 | | . | .0 | 3.3 | .4 | .0 | | .1 | .4 | 87652 |

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

# 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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GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

72274 STATION | AVI=MONTHAN AFB AZ STATION NAME | 49-85 YEARS | ALL 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 | 1.1 | 21.0 | | 1. | .5 | 21.0 | 4.8 | .2 | | | 4.9 | 1147 |
| FEB | | 1.0 | 17.3 | | 1. | .6 | 17.5 | 2.8 | | | .2 | 3.0 | 1045 |
| MAR | | 2.0 | 19.6 | | 1. | .6 | 19.6 | 1.4 | | | .1 | 1.5 | 1147 |
| APR | | 2.9 | 12.2 | .1 | . | .6 | 12.2 | .1 | | | | .1 | 1110 |
| MAY | | 4.7 | 8.6 | .1 | . | .3 | 8.6 | .2 | | | .1 | .3 | 1116 |
| JUN | | 9.3 | 12.7 | | | .4 | 12.7 | | | | .8 | .8 | 1080 |
| JUL | | 46.5 | 54.9 | | | .7 | 54.9 | .2 | .2 | | 1.7 | 2.0 | 1116 |
| AUG | | 43.6 | 45.1 | | | .8 | 45.2 | .2 | .1 | | .4 | .6 | 1116 |
| SEP | | 18.0 | 25.6 | | | .5 | 25.6 | .6 | .2 | | .2 | .9 | 1080 |
| OCT | | 6.1 | 14.4 | | . | .4 | 14.4 | 1.2 | | | | 1.2 | 1116 |
| NOV | | 1.1 | 13.5 | | . | | 13.5 | 1.9 | .1 | | | 1.9 | 1080 |
| DEC | | 1.3 | 19.3 | | 2. | .4 | 19.3 | 4.1 | | | | 4.1 | 1116 |
| TOTAL | | 11.7 | 22.0 | .0 | . | .5 | 22.0 | 1.5 | .1 | | .3 | 1.8 | 13269 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# 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)**

72274 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
41-46, 48-85 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 7 .4 | 5.4 | .9 | 3.6 | 2.2 | 2.6 | 1.2 | .7 | .2 | | | | | 14.3 | 1333 | .95 | 3.70 | .03 |
| FEB | 1.1 | 5.5 | 1.1 | 2.7 | 2.5 | 3.4 | 1.8 | .9 | .5 | | | | | 19.0 | 1185 | .74 | 3.24 | .03 |
| MAR | 3.4 | 6.1 | 1.2 | 3.5 | 2.2 | 3.5 | 2.0 | 1.2 | .1 | | | | | 13.5 | 1372 | .72 | 2.32 | .00 |
| APR | 8.1 | 5.1 | .9 | 2.1 | .8 | 1.6 | 1.3 | .2 | .1 | | | | | 6.6 | 1263 | .31 | 1.76 | .00 |
| MAY | 11.4 | 5.1 | .4 | .9 | .2 | 1.1 | .3 | .2 | | | | | | 3.2 | 1271 | .15 | .89 | .00 |
| JUN | 7.8 | 5.3 | 1.1 | 1.3 | 1.0 | 1.2 | 1.0 | .3 | | | | | | 5.9 | 1260 | .26 | 1.15 | .00 |
| JUL | 4 .9 | 12.3 | 4.1 | 7.9 | 5.1 | 6.4 | 5.2 | 2.9 | .6 | | | | | 32.1 | 1271 | 2.1 | 6.10 | .7 |
| AUG | 15.2 | 18.9 | 2.3 | 7.3 | 3.6 | 5.2 | 4.7 | 2.4 | 1.1 | | | | | 26.3 | 1289 | 1.41 | 4.69 | .00 |
| SEP | 14.5 | 11.1 | .7 | 3.3 | 2.2 | 3.3 | 2.4 | 1.4 | .9 | .1 | | | | 14.4 | 1260 | 1.32 | 4.35 | .00 |
| OCT | 4.7 | 5.5 | 1.1 | 2.4 | 1.7 | 2.1 | 1.1 | .5 | .4 | .1 | | | | 9.0 | 1322 | .49 | 2.76 | .00 |
| NOV | 7.1 | 3.1 | .1 | 1.7 | 1.2 | 2.7 | 1.7 | 1.1 | .2 | | | | | 9.4 | 1260 | .65 | 2.10 | .00 |
| DEC | 10.4 | 6.1 | .4 | 2.8 | 1.8 | 3.4 | 2.2 | 1.3 | .4 | | | | | 13.5 | 1301 | 1.09 | 5.91 | .00 |
| ANNUAL | 73.1 | 8.4 | 1.3 | 3.3 | 2.0 | 3.1 | 2.2 | 1.3 | .4 | .0 | | | | 13.5 | 15244 | 11.14 | | |

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

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# EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

72274S — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
41-46, 48-85 — YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | * | .00 | .56 | .34 | .60 | 1.20 | |
| 42 | | .34 | 1.11 | .26 | .04 | .0 | .00 | .38 | .72 | 1.04 | .15 | TRACE | .15 | 1.04 |
| 43 | | .33 | .19 | 1.95 | .05 | .6 | .02 | .30 | 1.11 | 2.27 | .17 | .00 | .50 | 2.27 |
| 44 | | .08 | .42 | .62 | 1.04 | .2 | .01 | .96 | .98 | .75 | .39 | .50 | .62 | 1.04 |
| 45 | | .09 | .26 | .21 | .12 | TRAC | .00 | 2.18 | 1.46 | .16 | .83 | .00 | .11 | 2.18 |
| 46 | | .97 | | | | | | | | | | | | |
| 48 | | TRACE | .35 | .05 | TRACE | .0 | TRACE | 0.29 | .66 | .58 | .30 | TRACE | .39 | 2.29 |
| 49 | | .47 | .7 | .23 | .29 | TRAC | TRACE | .64 | .99 | 1.18 | .05 | .15 | .57 | 1.18 |
| 50 | | .14 | 1.10 | .07 | TRACE | TRAC | .30 | 1.42 | .71 | .74 | .10 | TRACE | .24 | 1.42 |
| 51 | | .45 | .35 | .05 | .46 | .2 | .00 | .52 | .88 | .36 | 1.89 | .63 | .21 | 1.89 |
| 52 | | .52 | .18 | .54 | .38 | TRAC | .33 | .42 | 1.35 | .19 | .00 | 1.07 | .20 | 1.35 |
| 53 | | .06 | .49 | .37 | .12 | .0 | .54 | 1.02 | .13 | .06 | TRACE | .19 | .16 | 1.02 |
| 54 | | .51 | .36 | .62 | .00 | .2 | .31 | .71 | 1.03 | .89 | .07 | .00 | .05 | 1.03 |
| 55 | | .45 | .16 | TRACE | TRACE | TRAC | .01 | .95 | .66 | .02 | .21 | TRACE | *TRACE | .95 |
| 56 | | .65 | .33 | .05 | .20 | TRAC | .01 | .54 | .68 | TRACE | .24 | TRACE | .26 | .68 |
| 57 | | .73 | .08 | .51 | .09 | .0 | .21 | .50 | 1.08 | .00 | 1.06 | .58 | .42 | 1.08 |
| 58 | | TRACE | .63 | .87 | .35 | TRAC | .45 | 2.28 | 1.20 | .36 | .58 | .87 | .00 | 2.28 |
| 59 | | .04 | .23 | TRACE | .21 | .0 | .11 | .98 | .58 | TRACE | .81 | .54 | .66 | .98 |
| 60 | | 1.89 | .53 | .13 | .00 | TRAC | TRACE | .48 | .40 | .50 | .68 | .05 | .46 | 1.09 |
| 61 | | .85 | .12 | .39 | TRACE | .0 | .24 | 1.34 | 2.16 | .19 | .33 | .24 | .68 | 2.16 |
| 62 | | .50 | .15 | .10 | TRACE | .0 | TRACE | .68 | .50 | 1.98 | .05 | .22 | .42 | 1.98 |
| 63 | | .65 | .60 | .36 | .35 | TRAC | .02 | .38 | 1.16 | .67 | .53 | .47 | .16 | 1.16 |
| 64 | | .39 | .04 | .02 | .54 | TRAC | .04 | .69 | .45 | 1.78 | .35 | .30 | .62 | 1.78 |
| 65 | | .23 | .25 | .12 | .35 | .0 | .08 | 1.22 | .73 | .16 | .18 | .37 | 1.32 | 1.32 |
| 66 | | .64 | 1.33 | .12 | .21 | .0 | .14 | .85 | .43 | 1.72 | .77 | .26 | .20 | 1.72 |
| 67 | | TRACE | .09 | .25 | .37 | .1 | .39 | .45 | .71 | .57 | .94 | .27 | 1.45 | 1.45 |
| 68 | | .26 | .39 | .77 | .34 | TRAC | TRACE | .44 | 1.41 | TRACE | .07 | 1.25 | .31 | 1.41 |
| 69 | | .37 | .20 | .16 | .17 | .26 | TRACE | .42 | .43 | .35 | TRACE | .39 | .43 | .43 |
| 70 | | TRACE | .21 | .51 | .06 | .2 | .29 | .90 | .78 | 1.69 | .62 | TRACE | .24 | 1.69 |
| 71 | | .07 | .19 | TRACE | .44 | TRAC | .01 | .44 | .90 | .57 | 1.00 | .49 | .78 | 1.00 |
| MEAN | | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM AA 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

FROM DAILY OBSERVATIONS

72274[illegible] DAVIS-MONTHAN AFB AZ 41-46, 48-85
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | .[illegible]0 | .00 | TRACE | .[illegible]0 | .21 | .33 | .96 | .46 | .69 | 1.72 | .67 | .44 | 1.72 |
| 72 | .[illegible] | 1.14 | .56 | .02 | .21 | .36 | .75 | .11 | TRACE | .02 | .65 | .00 | 1.14 |
| 74 | .60 | .02 | .41 | TRACE | .3 | .22 | .75 | .45 | .64 | .60 | .68 | .25 | .90 |
| 76 | .21 | .17 | .64 | .14 | TRAC | .00 | .41 | .07 | .30 | .02 | .22 | .67 | .67 |
| 78 | .14 | .42 | .00 | .35 | .1 | .18 | .73 | .19 | 1.77 | .06 | .15 | .76 | 1.77 |
| 77 | .56 | .04 | .56 | .18 | .0 | .08 | .56 | .08 | .83 | .96 | .25 | .77 | .96 |
| 78 | 1.18 | .51 | .47 | .04 | .6 | .45 | .38 | .29 | 2.53 | 1.27 | .83 | 1.15 | 2.53 |
| 79 | .60 | .23 | .30 | .09 | .1 | .43 | .35 | 1.62 | .17 | .21 | .04 | .14 | 1.62 |
| [illegible] | .41 | 1.02 | .58 | .04 | TRAC | .65 | .63 | 1.35 | .98 | .25 | TRACE | .03 | 1.35 |
| 81 | .62 | 1.16 | .37 | .22 | .3 | .52 | 1.00 | .11 | .34 | .03 | .63 | TRACE | 1.16 |
| 82 | .49 | .00 | .90 | .03 | .5 | .07 | .44 | .89 | 2.47 | .00 | .62 | .02 | 2.47 |
| 83 | .86 | .56 | .54 | .7 | .2 | .00 | .67 | 1.05 | 1.27 | 3.01 | .91 | .33 | 3.01 |
| 84 | .40 | .00 | .00 | .22 | .3 | .67 | .95 | .57 | 1.37 | .26 | .37 | 1.03 | 1.37 |
| 85 | .77 | .02 | .12 | .47 | | | | | | | | | |
| MEAN | .423 | .384 | .375 | .199 | .10 | .192 | .324 | .767 | .786 | .516 | .369 | .471 | 1.466 |
| S.D. | .307 | .360 | .364 | .223 | .18 | .204 | .485 | .466 | .722 | .609 | .329 | .374 | .575 |
| TOTAL OBS. | 1333 | 1165 | 1302 | 1260 | 1271 | 1230 | 1271 | 1289 | 1260 | 1302 | 1260 | 1301 | 15244 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

72745 — STATION
AVIS-MONTHAN AFB AZ — STATION NAME
41-46, 48-85 — YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | * .00 | 1.34 | .46 | .02 | 2.97 | |
| 42 | .46 | 1.53 | .28 | .71 | .7 | .00 | 1.63 | 1.00 | 1.92 | .38 | TRACE | .36 | 8.17 |
| 43 | .43 | .29 | 2.23 | .05 | .6 | .35 | .70 | 2.87 | 2.89 | .27 | .00 | .84 | 11.27 |
| 44 | .36 | 1.42 | 1.09 | 1.14 | .2 | .01 | 1.21 | 1.98 | 1.72 | 1.19 | 1.44 | 1.35 | 12.62 |
| 45 | .44 | .47 | .54 | .16 | TRAC | .00 | 2.84 | 4.89 | .12 | 1.70 | .00 | .24 | 11.53 |
| 46 | 2.22 | | | | | | | | | | | | |
| 48 | TRACE* | 1.21 | .06 | TRACE | .2 | TRACE | 3.29 | .87 | .90 | .49 | TRACE | 1.27 | * 8.09 |
| 49 | 1.22 | .10 | .36 | .47 | TRAC | TRACE | .95 | 1.01 | 1.96 | .09 | .28 | .75 | 7.17 |
| 50 | .15 | 1.39 | .09 | TRACE | TRAC | .50 | 4.26 | .75 | .76 | .14 | TRACE | .24 | 8.33 |
| 51 | 1.41 | .61 | .12 | 1.78 | .2 | .00 | 1.45 | 2.14 | .81 | 2.32 | 1.76 | .67 | 12.71 |
| 52 | .57 | .18 | 1.86 | .93 | TRAC | .39 | 1.47 | 2.63 | .19 | .00 | 2.10 | .52 | 10.84 |
| 53 | .06 | .89 | .79 | .02 | .2 | .54 | 4.76 | .29 | .00 | TRACE | .20 | .16 | 7.72 |
| 54 | .86 | .38 | 1.46 | .00 | .3 | .53 | 1.80 | 1.99 | 1.51 | .27 | .00 | .27 | 8.99 |
| 55 | 1.57 | .16 | TRACE | TRACE | TRAC | .01 | 2.95 | 2.41 | .04 | .31 | TRACE* | TRACE | * 7.43 |
| 56 | 1.11 | .38 | .00 | .24 | TRAC | .02 | 1.68 | 1.22 | TRACE | .26 | TRACE | .26 | 5.67 |
| 57 | 2.85 | .40 | 1.21 | .09 | .0 | .24 | 1.01 | 2.47 | .00 | 3.06 | .84 | .79 | 12.99 |
| 58 | TRACE | 1.18 | 2.32 | .91 | TRAC | .53 | 2.82 | 2.18 | .96 | .77 | 1.00 | .00 | 12.67 |
| 59 | .00 | .23 | TRACE | .11 | .0 | .19 | 3.45 | 2.34 | TRACE | 1.26 | .81 | 2.68 | 10.99 |
| 60 | 2.02 | .60 | .30 | .00 | TRAC | TRACE | .95 | 1.18 | .87 | .78 | .55 | .55 | 7.30 |
| 61 | 1.19 | .02 | .48 | TRACE | .0 | .24 | 2.09 | 4.09 | .30 | .60 | .54 | 2.26 | 11.81 |
| 62 | 1.31 | .38 | .29 | TRACE | .0 | TRACE | 1.95 | .57 | 2.35 | .05 | .45 | .91 | 8.26 |
| 63 | .92 | 1.19 | .58 | .35 | TRAC | .02 | 1.18 | 2.51 | 1.16 | .58 | .96 | .16 | 9.63 |
| 64 | .36 | .74 | .54 | .57 | TRAC | .04 | 1.89 | 1.59 | 3.17 | .74 | .79 | .94 | 10.59 |
| 65 | .35 | .47 | .27 | .37 | .0 | .11 | 1.85 | 2.08 | .47 | .16 | .90 | 5.81 | 12.91 |
| 66 | 2.11 | 2.41 | .16 | .26 | .0 | .15 | 1.80 | 1.22 | 3.29 | 1.06 | .31 | .22 | 13.32 |
| 67 | TRACE | .11 | .47 | .49 | .2 | .43 | 2.23 | 1.61 | 1.40 | 1.14 | .42 | 3.40 | 11.91 |
| 68 | .53 | 1.16 | 1.56 | .78 | TRAC | TRACE | 1.82 | 2.72 | TRACE | .09 | 1.58 | .34 | 10.59 |
| 69 | .74 | .41 | .29 | .17 | .41 | TRACE | 1.22 | 1.44 | .61 | TRACE | 1.29 | .82 | 7.40 |
| 70 | TRACE | .24 | 1.37 | .06 | .2 | .43 | 2.21 | 2.13 | 2.83 | .62 | TRACE | .45 | 12.52 |
| 71 | .08 | .47 | TRACE | .44 | TRAC | .01 | 1.24 | 3.17 | 1.12 | 1.26 | .83 | 2.12 | 10.74 |
| MEAN | | | | | | | | | | | | | |
| S.D. | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
41-46, 48-65 — YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7[illegible] | .[illegible]0 | .[illegible]0 | TRACE | .[illegible]0 | .3 | 1.15 | 1.71 | 1.54 | .97 | 4.[illegible]8 | 1.1[illegible] | .72 | 12.43 |
| 7[illegible] | .1[illegible] | 1.92 | 2.[illegible]4 | .[illegible]2[illegible] | .[illegible]0 | .60 | 2.68 | .34 | TRACE | .[illegible]0 | .[illegible]8 | .[illegible]0 | 8.66 |
| 7[illegible] | 1.21 | .[illegible]2 | .93 | TRACE | .[illegible]0 | .25 | 1.7[illegible] | .91 | 1.72 | 2.[illegible]4 | .81 | .3[illegible] | 10.0[illegible] |
| 7[illegible] | .4[illegible] | .23 | 1.11 | .[illegible]8 | TRACE | .[illegible]0 | 2.14 | .15 | .77 | .[illegible]3 | .3[illegible] | .[illegible]8 | 6.3[illegible] |
| 7[illegible] | .14 | .[illegible]7 | .[illegible]0 | .7[illegible] | .2[illegible] | .2[illegible] | 1.82 | .58 | 2.21 | .46 | .41 | .76 | 6.7[illegible] |
| 77 | [illegible].2 | .[illegible]5 | .69 | .[illegible]6 | .[illegible]0 | .[illegible]8 | 1.2[illegible] | .33 | 1.34 | 2.1[illegible] | .41 | 1.42 | 10.24 |
| 7[illegible] | [illegible].[illegible]0 | 2.10 | 1.33 | .[illegible]4 | .8 | .[illegible]1 | 1.27 | 1.34 | 2.77 | 1.6[illegible] | 1.77 | [illegible].49 | 26.46 |
| 7[illegible] | 2.7[illegible] | .45 | .67 | .[illegible]0 | .5 | .75 | 1.73 | 3.37 | .2[illegible] | .21 | .[illegible]4 | .2[illegible] | 11.2[illegible] |
| [illegible][illegible] | .91 | 3.24 | 1.52 | .[illegible]5 | TRACE | .79 | 1.53 | 3.57 | 2.31 | .74 | TRACE | .[illegible]9 | 14.3[illegible] |
| [illegible][illegible] | 1.2[illegible] | 1.57 | 1.97 | .[illegible]4 | .4 | .[illegible]2 | [illegible].9[illegible] | .20 | .64 | .[illegible]4 | .73 | TRACE | 12.09 |
| [illegible][illegible] | 1.79 | .16 | 1.24 | .[illegible]4 | .7[illegible] | .07 | 1.30 | 3.63 | 2.94 | .[illegible]0 | 1.1[illegible] | 1.[illegible]9 | 13.42 |
| [illegible][illegible] | 1.7[illegible] | 1.43 | 2.[illegible]0 | .15 | .[illegible]1 | .[illegible]0 | 2.[illegible]4 | 3.51 | 4.35 | 5.76 | 1.62 | .81 | 23.32 |
| [illegible][illegible] | .51 | .[illegible]0 | .[illegible]0 | .47 | .4 | .77 | [illegible].1[illegible] | 3.52 | 1.67 | .69 | .58 | 3.63 | 16.46 |
| [illegible][illegible] | 1.89 | .93 | .1[illegible] | .[illegible]0 | | | | | | | | | |
| MEAN | .952 | .736 | .776 | .314 | .14 | .263 | 2.395 | 1.908 | 1.300 | .896 | .649 | 1.089 | 11.194 |
| S D | .852 | .740 | .715 | .380 | .241 | .312 | 1.128 | 1.1[illegible]6 | 1.174 | 1.195 | .596 | 1.255 | 3.567 |
| TOTAL OBS | 1333 | 1165 | 1302 | 1260 | 1271 | 1230 | 1271 | 1289 | 1260 | 1302 | 1260 | 1301 | 15244 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

2

...AL CLIMATOLOG... BRANCH
...ETAC
AT ...EATH... SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

72274S — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
46, 48-65 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 3.1 | 1.3 | .1 | .3 | | .2 | | | | | | | | .6 | 1209 | .5 | 4.9 | .1 |
| FEB | 8.3 | .9 | .2 | .2 | | | | | | | | | | .4 | 1049 | .1 | 1.3 | .1 |
| MAR | 8.1 | 1.5 | | | .3 | | | | | | | | | .3 | 1178 | .1 | 4.1 | .1 |
| APR | 9.3 | .6 | | .1 | | | | | | | | | | .1 | 1140 | TRACE | .5 | .1 |
| MAY | 9.9 | .1 | | | | | | | | | | | | | 1147 | TRACE | TRACE | .1 |
| JUN | 100.0 | | | | | | | | | | | | | | 1110 | .0 | .0 | .1 |
| JUL | 100.0 | | | | | | | | | | | | | | 1147 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 1147 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 1116 | .0 | .0 | .0 |
| OCT | 9.9 | .1 | | | | | | | | | | | | | 1147 | TRACE | TRACE | .1 |
| NOV | 9.9 | .5 | | | | | | | | | | | | | 1110 | TRACE | TRACE | .1 |
| DEC | 7.6 | 2.0 | .1 | .3 | | | | .1 | | | | | | .4 | 1146 | .3 | 6.0 | .0 |
| ANNUAL | 9.3 | .6 | .1 | .1 | .0 | .0 | | .0 | | | | | | .1 | 13640 | .7 | | |

1210 WS FORM JUL 64 0-13-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

72274 STATION | JAVIS-MONTHAN AFB AZ STATION NAME | 46 YEARS | 46-65

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | | | | | | | | | | | | | |
| 47 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| 49 | | | | | | | | | | | | | |
| 50 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | |
| 52 | | | | | | | | | | | | | |
| 53 | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | |
| 65 | | | | | | | | | | | | | |
| 66 | | | | | | | | | | | | | |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | | |
| 69 | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | | |
| 72 | | | | | | | | | | | | | |
| 73 | | | | | | | | | | | | | |
| 74 | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS. | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUN 66 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

...WATER...

FROM DAILY OBSERVATIONS

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
46, 42-85 — YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | . | .0 | TRACE | .0 | . | .0 | .0 | .0 | .0 | .0 | .0 | . | TRACE |
| 7 | . | .0 | .0 | TRACE | . | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 7 | 1. | .0 | .0 | .0 | . | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| | . | .0 | TRACE | .0 | . | .0 | .0 | .0 | .0 | TRACE | .0 | .0 | TRACE |
| | .0 | .0 | .0 | .0 | . | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| | TRACE | .0 | .0 | .0 | . | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| | .0 | .0 | TRACE | TRACE | . | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| | .0 | .0 | .0 | .0 | . | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 8 | . | 1.0 | .0 | .0 | | | | | | | | | |
| MEAN | .17 | .36 | .10 | .01 | TRAC | .00 | .00 | .00 | .00 | TRACE | TRACE | .22 | .51 |
| S.D. | .577 | .232 | .426 | .081 | .00 | .000 | .000 | .000 | .000 | .000 | .000 | 1.007 | 1.22* |
| TOTAL OBS. | 1209 | 1049 | 1178 | 1140 | 1147 | 1110 | 1147 | 1147 | 1110 | 1147 | 1110 | 1146 | 13640 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

72745 — STATION
[illegible] — STATION NAME
[illegible] — YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4 | • | | | | | | | | | | | | |
| [illegible] | [illegible] | .0 | .0 | .0 | | .0 | | | | | | | |
| [illegible] | 4.9 | .0 | .0 | .0 | | .0 | | | | | | | 5.9 |
| [illegible] | | | | | | | | | | | | | |
| [illegible] | 3.6 | .0 | .0 | | | | | | | | .0 | TRACE | 3.6 |
| [illegible] | | | TRACE | | | | | | | | | | TRACE |
| [illegible] | | TRACE | | | | | | | | | | | TRACE |
| [illegible] | | | | | | | | | | | | | |
| [illegible] | TRACE | TRACE | | | | | | | | | | | TRACE |
| [illegible] | .0 | TRACE | .0 | TRACE | | | | | | | | | TRACE |
| [illegible] | | | | | | | | | | | | | |
| [illegible] | | | TRACE | | | | | | | | | | TRACE |
| [illegible] | | | | | | | | | | | .0 | TRACE | TRACE |
| [illegible] | .4 | | | | | | | | | | | | .4 |
| [illegible] | | | | | | | | | | | TRACE | | TRACE |
| [illegible] | | TRACE | | | | | | | | | | TRACE | TRACE |
| [illegible] | | | | | | | | | | | | | |
| [illegible] | | | 4.1 | | | | | | | | TRACE | | 4.1 |
| [illegible] | TRACE | 1.3 | | | | | | | | | | *TRACE | * 1.3 |
| [illegible] | .0* | | | | | | | | | | | TRACE | *TRACE |
| [illegible] | | | | TRACE | | | | | | | TRACE | | |
| [illegible] | | | TRACE | | | | | | | | | .6 | .6 |
| [illegible] | .0 | TRACE | TRACE | .0 | TRACE | .0 | | | | | | TRACE | TRACE |
| [illegible] | | | TRACE | | | | | | | | | | TRACE |
| [illegible] | TRACE | .1 | .0 | TRACE | | .0 | | | | | | 6.0 | 6.1 |
| [illegible] | | | | | | | | | | | | TRACE | TRACE |
| [illegible] | TRACE | | TRACE | | | | | | | | | | TRACE |
| [illegible] | TRACE | | TRACE | | | | | | | | | TRACE | TRACE |
| [illegible] | | | TRACE | TRACE | | | | | | | TRACE | TRACE | TRACE |
| [illegible] | | | 1.6 | .5 | | | | | | | | | 2.0 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MONTHLY SNOWFALL

FROM DAILY OBSERVATIONS

72574 DAVIS-MONTHAN AFB AZ 46, 48-85
STATION STATION NAME YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 77 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 7 | .0 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 7 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| [illegible] | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .0 | TRACE |
| [illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| [illegible] | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| [illegible] | .0 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| [illegible] | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 8[illegible] | .0 | 1.0 | .0 | .0 | | | | | | | | | |
| MEAN | .0 | .0 | .1 | .0 | TRACE | .0 | .0 | .0 | .0 | TRACE | TRACE | .0 | .1 |
| S.D. | .9 | .2 | .7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 | 1.6 |
| TOTAL OBS. | 1209 | 1049 | 1178 | 1143 | 1141 | 1113 | 1147 | 1147 | 1113 | 1147 | 1113 | 1146 | 13643 |

NOTE: * (BASED ON LESS THAN FULL MONTHS)

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

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF [illegible]
(FROM DAILY OBSERVATIONS)

722745 — STATION
DAVIS-MONTHA ; AFB AZ — STATION NAME
41-46, 48-85 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | .01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 9.7 | .2 | .1 | | | | | | | | | | | .2 | 1372 | | | |
| FEB | 9.7 | .2 | .1 | | | | | | | | | | | .2 | 1154 | | | |
| MAR | 9.4 | .1 | | .1 | | .1 | | | | | | | | .3 | 1302 | | | |
| APR | [illegible] | .1 | | | | | | | | | | | | | 1287 | | | |
| MAY | [illegible] | .1 | | | | | | | | | | | | | 1271 | | | |
| JUN | [illegible] | .1 | | | | | | | | | | | | | 1230 | | | |
| JUL | [illegible] | .1 | | | | | | | | | | | | | 1271 | | | |
| AUG | [illegible] | .1 | | | | | | | | | | | | | 1312 | | | |
| SEP | [illegible] | .1 | | | | | | | | | | | | | 1240 | | | |
| OCT | [illegible] | .1 | | | | | | | | | | | | | 1312 | | | |
| NOV | [illegible] | .1 | | | | | | | | | | | | | 1230 | | | |
| DEC | 9.7 | .2 | .1 | | .1 | | | | | | | | | .2 | 1301 | | | |
| ANNUAL | 9.9 | .1 | .1 | .0 | .1 | .1 | | | | | | | | .1 | 15255 | | | |

1210 WS FORM JUL 64 0-15-5 (OL.1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 41-46, 48-85 YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | | | | | | |
| 42 | * | TRACE | | | | | | | | | * | | TRACE |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | |
| 49 | TRACE | | | | | | | | | | | TRACE | TRACE |
| 50 | | | | | | | | | | | | | |
| 51 | | | | | | | | | | | | | 1 |
| 52 | | | TRACE | | | | | | | | | | TRACE |
| 53 | | | | | | | | | | | | | |
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | | | | | | | | | | | | | |
| 58 | | | | | | | | | | | | | |
| 59 | | | | | | | | | | | | | |
| 60 | | | | | | | | | | | | | |
| 61 | | | | | | | | | | | | | |
| 62 | | | | | | | | | | | | | |
| 63 | | | | | | | | | | | | | |
| 64 | | | | | | | | | | | | | 4 |
| 65 | | 1 | | | | | | | | | | | 1 |
| 66 | | 1 | | | | | | | | | | | 1 |
| 67 | | | | | | | | | | | | | |
| 68 | | | | | | | | | | | | 1 | 1 |
| 69 | | | | | | | | | | | | | |
| 70 | | | | | | | | | | | | | |
| 71 | | | | | | | | | | | | 3 | 3 |
| 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

722745 DAVIS-MONTHAN AFB AZ — STATION / STATION NAME

41-46, 48-85 — YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 77 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| 7[illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 1 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| MEAN | .0 | .1 | .1 | .0 | . | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .4 |
| S.D. | .210 | .221 | .683 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .490 | .683 |
| TOTAL OBS. | 1332 | 1164 | 1302 | 1260 | 127[illegible] | 1230 | 1271 | 1302 | 126[illegible] | 1[illegible]2 | 1260 | 130[illegible] | 15255 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART C SURFACE WINDS

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

*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

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

*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

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

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

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

72_745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
48-54, 56-65 — YEARS

DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN. | FEB | MAR | APR | MAY | JUN. | JUL | AUG | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | 35*31 | | | | | | | | | | | | |
| 49 | *35 41/35SW | 32/35W | 26W | 31/*W | 2 /35* | 33/W* | 35E | 36S | 37S | 35* | *26/SW | 32 | *5* 50 |
| 50 | *3W 30S | 37S* | 46/SSW | 32/SW | 4 /SW | 49/ENE | 44/WS* | 44/ENE | 32/SSW | 28/SE | 31/S* | 32 | SW 49 |
| 51 | 3 /NNE | 36E | 23W | 32S* | 4 /NW* | 31/SSE | 40S | 47/SSE | 43S* | 37 | | | |
| 52 | | | 43S* | 56/NW | 3 /W | 34/SSE | 56/S* | 41/NE | 40S* | 29* | 43* | 42 | |
| 53 | *W *31* | 46/NW* | 36/SW | 42/SW | 3 /ESE | 35/SS* | 46W | 35/WS* | 23/ESE | *41/*W* | *43/NW | 49 | NW 49 |
| 54 | *SS* 30W | 36* | 37/SW | 36/S* | *4 | | | | | | | | |
| 55 | S* *30/S* | 28/W* | 26/SW* | 36S* | 3 /W | 39/ESE | 45/N* | 44/SE | 33S* | 28/ESE | 35/ESE | 28 | ESE 45 |
| 56 | *ESE 31/N* | 24S* | 32/N* | 40/SE | 3 /NW | 34S | 42E | 37/ENE | 26/SW | 45/SE | 29/ESE | 33 | SW 45 |
| 57 | NE 30* | 32/SS* | 31S | 33/SSE | 4 /NW* | 60E | 41/ESE | 49/ENE | 40/SE | 37/W* | 32/N | 23 | NW 60 |
| 58 | *S 25* | 26/S* | 37/SE | 21S | 3 /SE | 35/ESE | 50/ESE | 26/SS* | 32/SE | 32/NE | 29* | 35 | ESE 50 |
| 59 | SE 28* | 34/N* | 34/SW | 30S | 3 /N | 36/ENE | 46/NE | 35/N | 46/W* | 33/ESE | 31/S* | 29 | N 46 |
| 60 | ESE 33/N* | 36S* | 31/SW | 37S* | 3 /SE | 48/SE | 39/WS* | 36/ESE | 29E | 28/SE | 28/SE | 28 | SE 48 |
| 61 | ENE 41/* | 30/N* | 36S* | 35/SSW | 3 /SSW | 41/NE | 45/SE | 38/N* | 42/ESE | 33/ESE | 29/S* | 34 | NE 45 |
| 62 | *W 30/30 | 21* | 39S* | 32/SE | 2 /SSW | 36S | 37/ENE | *29S* | *24S* | *23* | 31/ENE | *27 | * 39 |
| 63 | E 30/* | 30S* | 30S | 44S* | 3 /ENE | 40SE | 40/ENE | 35W | 32S* | 29S | 28/ESE | 32 | S 44 |
| 64 | S* 26/ | 32* | 47/NE | 33NE | 3 /ESE | 37/ESE | 47/* | 45S | 36E | 49S* | 34E | 41 | E 49 |
| 65 | E 31/SE | 36S* | 35/N | 40/SE | 3 /ENE | 35/NNE | 61/NE | 52E | 40W | 28S* | 35/SSW | 30* | NNE 61 |
| 66 | *SE 30/SS* | 30S | 35/SSW | 33S* | 4 /SW | 34SE | 49/NNE | 46/ENE | 36/ESE | 31/ESE | 34E | 37 | SE 49 |
| 67 | SE 29/ESE | 22/SSW | 32E | 38/WSW | 4 /WSW | 38/11/ | 46/16/ | 45/10/ | 33/28/ | 29/11/ | 45/26/ | 36 | 11/ 46 |
| 68 | 13/ 27/21/ | 40/22/ | 36/23/ | 29/19/ | 3 /16/ | 38/ 6/ | 53/ 6/ | 62/10/ | 36/21/ | 33/ 5/ | 40/29/ | 33 | 6/ 62 |
| 69 | 30/ 29/12/ | 46/21/ | 35/22/ | 39/ 5/ | 4 /17/ | 45/15/ | 46/ 5/ | 32/12/ | 35/26/ | 36/20/ | 31/24/ | 30 | 12/ 46 |
| 70 | 24/ 37/20/ | 50/30/ | 36/22/ | 33/16/ | 3 / 6/ | 42/14/ | 59/13/ | 47/14/ | 42/20/ | 36/10/ | 23/19/ | 42 | 14/ 58 |
| 71 | 29/ 31/29/ | 31/33/ | 41/23/ | 30/ 7/ | 3 /24/ | 48/15/ | 45/23/ | 44/20/ | 37/19/ | 30/33/ | 36/31/ | 32 | 24/ 48 |
| 72 | 21/ 35/21/ | 36/27/ | 31/10/ | 34/10/ | 3 /21/ | 35/ 3/ | 48/15/ | 37/16/ | 29/29/ | 26/31/ | 33/12/ | 32 | 3/ 48 |
| 73 | 20/ 36/33/ | 35/20/ | 30/27/ | 36/24/ | 3 /14/ | 51/13/ | 50/13* | 30/ 7/ | 38/11/ | 30/15/ | 25/ 6/ | 30 | 14/ 51 |
| 74 | 7/ 39/39/ | 33/25/ | 33/27/ | 34/13/ | 4 /25/ | 30/10/ | 67/19/ | 39/20/ | 40/16/ | 29/19/ | 43/27/ | 31 | 10/ 67 |
| 75 | 12/ 31/12/ | 37/22/ | 38/30/ | 33/19/ | 3 /19/ | 40/ 7/ | 41/13/ | 46/16/ | 44/13/ | 38/11/ | 33/14/ | 27 | 13/ 46 |
| 76 | 13/ 31/23/ | 33/31/ | 38/28/ | 38/20/ | 2 /16/ | 48/ 5/ | 43/14/ | 34/13/ | 30/20/ | 30/24/ | 30/13/ | 33 | 16/ 48 |
| 77 | 32/ 33/19/ | 34/21/ | 34/21/ | 30/20/ | 3 /11* | 38/25/ | 36/ 2/ | 38/12/ | 42/ 6/ | 33/19/ | 40/12/ | 35 | 12/ 42 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATIONS

72274F — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
48-54, 56-65 — YEARS

DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7 | 31/ 2913/ | 2722/ | 3026/ | 3226/ | 3124/ | 3713/ | 46 6/ | 44 6/ | 4527/ | 3812/ | 2712/ | 32 | 1?/ 4? |
| 8 | 20/ 3222/ | 3022/ | 3321/ | 4125/ | 3413/ | 5013/ | 3312/ | 6521/ | 4224/ | 32 6/ | 2812/ | 25 | 12/ 65 |
| 9 | 10/ 2713/ | 2321/ | 3721/ | 3220/ | 3 35/ | 3914/ | 4320/ | 2622/ | 2820/ | 2617/ | 2514/ | 25 | 14/ 43 |
| 0 | 22/ 3321/ | 2524/ | 3321/ | 3012/ | 3516/ | 3313/ | 3432/ | 3913/ | 4012/ | 2619/ | 4628/ | 39 | 19/ 46 |
| 1 | 27/ 3731/ | 2734/ | 3027/ | 32 1/ | 3 19/ | 2922/ | 6611/ | 7027/ | 4627/ | 3320/ | 2532/ | 26 | 11/ 70 |
| 2 | 12/ 27 7/ | 2922/ | 3623* | 3811/ | 4 20/ | 37 3/ | 5013/ | 3912/ | 3025/ | 3712/ | 2928/ | 29 | 3/ 5? |
| 3 | 12/ 2 22/ | 2622/ | 2722/ | 27 | | | | | | | | | |
| MEAN | 31.3 | 33.3 | 35.3 | 34.9 | 35.6 | 39.2 | 46.2 | 42.3 | 36.5 | 32.6 | 32.9 | 33.4 | 51.5 |
| S D | 4.27 | 5.779 | 4.228 | 5.517 | 5.09 | 7.077 | 8.413 | 9.704 | 6.047 | 5.266 | 6.011 | 6.435 | 7.975 |
| TOTAL OBS. | 1093 | 984 | 1115 | 1071 | 107 | 1011 | 1052 | 1037 | 1011 | 1022 | 979 | 1017 | 12468 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | .1 | | | | | | | | | | .3 | 3.3 |
| NNE | .3 | .2 | | | | | | | | | | .5 | 2.6 |
| NE | .1 | .1 | | .1 | | | | | | | | .3 | 6.3 |
| ENE | 1.3 | .8 | .3 | .2 | | | | | | | | 2.6 | 4.6 |
| E | 1.8 | 2.4 | 1.9 | .1 | .1 | | | | | | | 6.3 | 5.4 |
| ESE | 4.7 | 5.5 | 2.7 | 1.4 | .2 | | | | | | | 14.5 | 5.6 |
| SE | 11.7 | 13.0 | 3.3 | 1.5 | .1 | | | | | | | 29.7 | 4.6 |
| SSE | 8.2 | 6.3 | 1.2 | .4 | | | | | | | | 16.1 | 3.9 |
| S | 3.9 | 1.4 | .3 | | | | | | | | | 5.6 | 3.2 |
| SSW | .5 | .5 | .2 | .1 | | | | | | | | 1.4 | 4.5 |
| SW | .8 | .6 | .2 | | | | | | | | | 1.6 | 3.9 |
| WSW | .2 | .9 | .2 | | | | | | | | | 1.3 | 4.8 |
| W | 1.6 | .6 | | .1 | | | | | | | | 2.4 | 3.3 |
| WNW | .6 | .3 | .3 | .1 | | | | | | | | 1.4 | 4.8 |
| NW | .1 | .6 | .1 | | | | | | | | | .9 | 5.1 |
| NNW | .2 | .2 | .1 | | .1 | | | | | | | .6 | 7.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 14.4 | ////// |
| TOTALS | 36.3 | 33.7 | 11.0 | 4.1 | .5 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | | | | | | | | | | | .3 | 2.0 |
| NNE | | .5 | | | | | | | | | | .5 | 4.8 |
| NE | .3 | .1 | .2 | | | | | | | | | .6 | 4.8 |
| ENE | .5 | 1.1 | .5 | .1 | | | | | | | | 2.3 | 5.5 |
| E | 1.2 | 3.7 | 1.8 | | .1 | | | | | | | 6.8 | 5.4 |
| ESE | 4.7 | 6.6 | 2.6 | 1.1 | .3 | | | | | | | 15.3 | 5.5 |
| SE | 9.4 | 14.7 | 4.5 | 1.2 | .1 | | | | | | | 29.9 | 4.9 |
| SSE | 7.0 | 7.1 | 1.1 | .2 | | | | | | | | 15.4 | 4.0 |
| S | 3.4 | 2.2 | .4 | | | | | | | | | 6.0 | 3.5 |
| SSW | .9 | .1 | .1 | | | | | | | | | 1.1 | 2.8 |
| SW | 1.4 | .3 | .1 | | | | | | | | | 1.8 | 2.9 |
| WSW | .3 | .3 | .1 | | | | | | | | | .8 | 4.0 |
| W | .9 | .8 | .3 | | | | | | | | | 1.9 | 4.1 |
| WNW | .5 | .2 | .1 | | | | | | | | | .9 | 3.3 |
| NW | .2 | .3 | .3 | | | | | | | | | .9 | 5.6 |
| NNW | .2 | .2 | | | | | | | | | | .4 | 3.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 15.2 | ////// |
| TOTALS | 31.3 | 38.2 | 12.3 | 2.6 | .5 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .3 | | | | | | | | | | .9 | 3.4 |
| NNE | .2 | | | | | | | | | | | .2 | 2.5 |
| NE | .5 | .3 | .1 | | | | | | | | | 1.0 | 3.7 |
| ENE | .3 | .3 | .4 | .2 | | | | | | | | 1.3 | 6.8 |
| E | 1.9 | 2.3 | 1.4 | .5 | | | | | | | | 6.1 | 5.4 |
| ESE | 2.4 | 6.1 | 2.6 | 1.1 | .2 | | | | | | | 12.4 | 6.1 |
| SE | 7.9 | 14.0 | 5.5 | 1.6 | .2 | | | | | | | 29.2 | 5.3 |
| SSE | 5.4 | 9.4 | 1.8 | .2 | .1 | | | | | | | 16.9 | 4.5 |
| S | 4.1 | 3.0 | .8 | | | | | | | | | 7.9 | 3.7 |
| SSW | .9 | .3 | .3 | .1 | | | | | | | | 1.6 | 4.1 |
| SW | .3 | .4 | | | | | | | | | | .8 | 3.4 |
| WSW | .5 | .2 | | | | | | | | | | .8 | 3.0 |
| W | .6 | .9 | | | | | | | | | | 1.5 | 3.6 |
| WNW | .2 | .4 | .1 | | | | | | | | | .8 | 4.1 |
| NW | .5 | .6 | .1 | | .1 | | | | | | | 1.4 | 4.9 |
| NNW | .4 | .3 | .1 | | | | | | | | | .9 | 4.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 16.6 | ////// |
| TOTALS | 26.8 | 39.0 | 13.2 | 3.8 | .6 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .3 | | | | | | | | | | .9 | 3.0 |
| NNE | .3 | .3 | .2 | | | | | | | | | .9 | 4.4 |
| NE | .4 | .2 | .1 | .1 | | | | | | | | .9 | 5.4 |
| ENE | 1.0 | 1.1 | .3 | .3 | .1 | | | | | | | 2.8 | 5.3 |
| E | 1.4 | 2.2 | 1.9 | .5 | | | | | | | | 6.0 | 6.1 |
| ESE | 3.4 | 5.1 | 3.3 | 2.7 | .3 | .1 | | | | | | 14.9 | 7.1 |
| SE | 3.3 | 7.3 | 4.9 | 3.5 | .2 | .1 | | | | | | 19.5 | 7.1 |
| SSE | 4.5 | 8.6 | 3.5 | .3 | | | | | | | | 17.0 | 5.0 |
| S | 4.3 | 3.1 | .4 | .2 | | | | | | | | 8.1 | 3.7 |
| SSW | 1.2 | .4 | .2 | .8 | | | | | | | | 2.6 | 6.1 |
| SW | .9 | .2 | .1 | .1 | | | | | | | | 1.3 | 4.1 |
| WSW | .6 | .3 | .4 | | | | | | | | | 1.4 | 4.6 |
| W | 1.6 | 1.2 | .1 | .1 | | | | | | | | 3.0 | 3.6 |
| WNW | .6 | .2 | .3 | .1 | | | | | | | | 1.3 | 4.4 |
| NW | 1.0 | .9 | .2 | | | | | | | | | 2.0 | 3.7 |
| NNW | .9 | .3 | .2 | | | | | | | | | 1.4 | 3.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 16.1 | ////// |
| TOTALS | 26.0 | 31.7 | 16.5 | 8.8 | .6 | .2 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 1.2 | .3 | | | | | | | | | 4.5 | 3.4 |
| NNE | 1.5 | .8 | .1 | | | | | | | | | 2.4 | 3.3 |
| NE | 1.1 | 1.0 | .4 | | | | | | | | | 2.5 | 4.1 |
| ENE | 1.2 | .5 | .6 | .6 | | | | | | | | 3.0 | 6.4 |
| E | 1.6 | 2.6 | 1.3 | .3 | | | | | | | | 5.8 | 5.4 |
| ESE | 1.2 | 1.6 | 1.9 | 3.0 | .5 | .1 | | | | | | 8.4 | 9.4 |
| SE | 1.5 | 2.2 | 2.4 | 2.3 | .4 | .1 | | | | | | 8.8 | 8.4 |
| SSE | 1.3 | 1.3 | .5 | | | | | | | | | 3.1 | 4.2 |
| S | 1.5 | 1.6 | 1.0 | .5 | | | | | | | | 4.6 | 5.6 |
| SSW | .6 | 1.0 | 1.1 | 1.2 | | .3 | | | | | | 4.2 | 8.9 |
| SW | .9 | .6 | .3 | .3 | .1 | .1 | | | | | | 2.4 | 7.4 |
| WSW | 1.4 | .4 | .5 | .2 | | | | | | | | 2.6 | 4.8 |
| W | 3.0 | 3.4 | 1.9 | .2 | | | | | | | | 8.6 | 4.9 |
| WNW | 2.0 | 2.9 | 2.0 | .2 | | | | | | | | 7.2 | 5.4 |
| NW | 2.5 | 3.2 | 1.6 | .1 | | | | | | | | 7.4 | 4.7 |
| NNW | 2.8 | 2.4 | .8 | .1 | | | | | | | | 6.0 | 4.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 18.5 | ////// |
| TOTALS | 27.1 | 26.7 | 16.9 | 9.1 | 1.1 | .6 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 1.4 | .9 | | | | | | | | | 4.3 | 4.1 |
| NNE | 1.0 | .2 | .3 | | | | | | | | | 1.5 | 4.0 |
| NE | .3 | .4 | .6 | .4 | | | | | | | | 1.8 | 8.1 |
| ENE | .4 | 1.6 | 1.3 | 1.2 | .1 | | | | | | | 4.6 | 8.1 |
| E | 1.1 | 2.0 | 1.0 | .3 | | | | | | | | 4.4 | 5.7 |
| ESE | .6 | 1.5 | 1.0 | 1.5 | .1 | | | | | | | 4.7 | 8.3 |
| SE | .5 | .9 | 1.1 | 1.5 | .1 | | | | | | | 4.1 | 8.9 |
| SSE | | | .2 | | | | | | | | | .2 | 8.5 |
| S | .3 | .5 | .5 | .2 | | | | | | | | 1.6 | 6.9 |
| SSW | .1 | .5 | 1.6 | 1.1 | .3 | .1 | | | | | | 3.8 | 10.5 |
| SW | .4 | .3 | 1.2 | .6 | .2 | .1 | | | | | | 2.9 | 9.4 |
| WSW | .8 | .5 | .8 | .8 | | | | | | | | 2.8 | 7.3 |
| W | 1.8 | 2.0 | 2.6 | .8 | | | | | | | | 7.2 | 6.5 |
| WNW | 2.3 | 4.3 | 3.1 | .5 | | | | | | | | 10.2 | 5.9 |
| NW | 4.5 | 8.9 | 7.5 | 1.6 | | | | | | | | 22.6 | 6.1 |
| NNW | 3.4 | 4.7 | 3.1 | .2 | .1 | | | | | | | 11.6 | 5.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 11.5 | ////// |
| TOTALS | 19.7 | 30.0 | 26.8 | 10.8 | 1.0 | .2 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | .4 | | | | | | | | | | 2.2 | 2.7 |
| NNE | 1.1 | .4 | .1 | | | | | | | | | 1.6 | 3.4 |
| NE | 1.0 | .6 | .3 | | | | | | | | | 1.9 | 4.1 |
| ENE | 1.4 | 1.8 | 1.6 | .4 | | | | | | | | 5.3 | 6.0 |
| E | 1.2 | 3.1 | 2.0 | .4 | | | | | | | | 6.8 | 6.0 |
| ESE | 1.0 | 1.1 | 1.6 | .6 | .1 | .1 | | | | | | 4.5 | 7.6 |
| SE | 1.2 | .6 | .5 | .2 | | | | | | | | 2.6 | 5.0 |
| SSE | 1.4 | .5 | | | | | | | | | | 1.9 | 2.9 |
| S | 1.1 | .6 | .5 | .8 | | | | | | | | 3.0 | 7.3 |
| SSW | .5 | .4 | .1 | .6 | .1 | | | | | | | 1.8 | 8.0 |
| SW | .9 | .8 | 1.0 | .2 | | | | | | | | 2.8 | 6.0 |
| WSW | 1.0 | 1.1 | .3 | .2 | | | | | | | | 2.6 | 4.7 |
| W | 2.7 | 2.2 | 1.0 | .3 | | | | | | | | 6.1 | 4.6 |
| WNW | 4.3 | 3.4 | 1.1 | .3 | .1 | | | | | | | 9.2 | 4.5 |
| NW | 5.1 | 7.6 | 2.3 | .8 | .2 | | | | | | | 15.9 | 4.9 |
| NNW | 4.0 | 3.0 | .4 | | | | | | | | | 7.4 | 3.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 24.3 | ////// |
| TOTALS | 29.4 | 27.8 | 12.9 | 4.9 | .5 | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .1 | | | | | | | | | | .4 | 2.3 |
| NNE | .2 | | .1 | | | | | | | | | .3 | 5.0 |
| NE | | .2 | .2 | .1 | | | | | | | | .5 | 7.4 |
| ENE | .8 | .2 | .5 | | | | | | | | | 1.5 | 4.8 |
| E | 1.8 | 3.1 | 1.7 | .3 | | | | | | | | 7.0 | 5.4 |
| ESE | 5.0 | 3.9 | 2.8 | 1.0 | .3 | | | | | | | 12.9 | 5.7 |
| SE | 11.9 | 8.4 | 1.0 | .5 | .1 | | | | | | | 22.0 | 3.8 |
| SSE | 6.0 | 4.2 | .8 | | | | | | | | | 11.0 | 3.7 |
| S | 7.1 | 2.0 | .2 | .1 | | | | | | | | 9.5 | 3.0 |
| SSW | 2.3 | .5 | .4 | .1 | | | | | | | | 3.3 | 3.7 |
| SW | 1.6 | .8 | .2 | .2 | | | | | | | | 2.8 | 3.9 |
| WSW | 1.3 | .9 | .1 | .2 | | | | | | | | 2.5 | 4.0 |
| W | 1.5 | 1.2 | 1.0 | .2 | .1 | | | | | | | 4.0 | 5.4 |
| WNW | 1.2 | .8 | .4 | .1 | | | | | | | | 2.5 | 4.7 |
| NW | .8 | .6 | .6 | .2 | .1 | | | | | | | 2.4 | 6.4 |
| NNW | .2 | | | | | | | | | | | .2 | 2.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 17.2 | ////// |
| TOTALS | 42.0 | 26.9 | 10.1 | 3.1 | .6 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | .5 | .1 | | | | | | | | | 1.7 | 3.4 |
| NNE | .6 | .3 | .1 | | | | | | | | | 1.0 | 3.7 |
| NE | .5 | .4 | .3 | .1 | | | | | | | | 1.2 | 5.2 |
| ENE | .9 | .9 | .7 | .4 | .0 | | | | | | | 2.9 | 6.2 |
| E | 1.5 | 2.7 | 1.6 | .3 | .0 | | | | | | | 6.2 | 5.6 |
| ESE | 2.9 | 3.9 | 2.3 | 1.5 | .3 | .0 | | | | | | 11.0 | 6.5 |
| SE | 5.9 | 7.6 | 2.9 | 1.5 | .2 | .0 | | | | | | 18.2 | 5.4 |
| SSE | 4.2 | 4.7 | 1.1 | .1 | .0 | | | | | | | 10.2 | 4.3 |
| S | 3.2 | 1.8 | .5 | .2 | | | | | | | | 5.8 | 4.0 |
| SSW | .9 | .5 | .5 | .5 | .1 | .1 | | | | | | 2.5 | 6.8 |
| SW | .9 | .5 | .4 | .2 | .0 | .0 | | | | | | 2.0 | 5.6 |
| WSW | .8 | .6 | .3 | .2 | | | | | | | | 1.8 | 5.0 |
| W | 1.7 | 1.5 | .9 | .2 | .0 | | | | | | | 4.3 | 4.9 |
| WNW | 1.5 | 1.6 | .9 | .2 | .0 | | | | | | | 4.2 | 5.1 |
| NW | 1.8 | 2.9 | 1.6 | .3 | .1 | | | | | | | 6.7 | 5.4 |
| NNW | 1.5 | 1.4 | .6 | .0 | .0 | | | | | | | 3.6 | 4.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 16.7 | ////// |
| TOTALS | 29.8 | 31.7 | 15.0 | 5.9 | .7 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | | | | | | | | | | | .2 | 2.0 |
| NNE | .2 | .1 | | | | | | | | | | .4 | 2.7 |
| NE | .5 | .2 | .2 | | | | | | | | | .9 | 4.3 |
| ENE | .6 | .6 | .4 | | | | | | | | | 1.5 | 4.0 |
| E | 1.3 | 3.8 | 1.3 | .1 | | | | | | | | 6.5 | 5.2 |
| ESE | 4.2 | 8.2 | 2.4 | .2 | | | | | | | | 15.1 | 4.7 |
| SE | 10.8 | 17.9 | 2.6 | .4 | .1 | | | | | | | 31.8 | 4.3 |
| SSE | 6.1 | 7.8 | .7 | | | | | | | | | 14.6 | 3.8 |
| S | 3.5 | 3.2 | .6 | | | | | | | | | 7.3 | 3.6 |
| SSW | 2.6 | .7 | .7 | .2 | | | | | | | | 4.2 | 4.1 |
| SW | .7 | .8 | .2 | .1 | | | | | | | | 1.9 | 4.9 |
| WSW | .4 | .7 | | .1 | | | | | | | | 1.2 | 4.8 |
| W | .8 | .2 | | | | | | | | | | 1.1 | 2.8 |
| WNW | .4 | .1 | .1 | | | | | | | | | .6 | 3.6 |
| NW | .2 | 1.2 | .6 | | .1 | | | | | | | 2.1 | 6.4 |
| NNW | .1 | | | | | | | | | | | .1 | 3.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 10.5 | ////// |
| TOTALS | 32.7 | 45.6 | 9.8 | 1.2 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | | | .1 | | | | | | | | | .1 | 8.0 |
| NE | .2 | | .1 | | | | | | | | | .4 | 4.3 |
| ENE | .2 | .1 | .4 | | | | | | | | | .7 | 5.3 |
| E | 1.2 | 2.6 | 1.4 | .1 | | | | | | | | 5.3 | 5.5 |
| ESE | 5.2 | 8.7 | 3.2 | .5 | .1 | | | | | | | 17.7 | 5.1 |
| SE | 10.6 | 18.7 | 5.7 | .4 | | | | | | | | 35.3 | 4.6 |
| SSE | 5.9 | 11.8 | 1.8 | .1 | | | | | | | | 19.6 | 4.3 |
| S | 2.0 | 1.8 | .4 | | | | | | | | | 4.1 | 3.7 |
| SSW | .9 | .4 | 1.1 | .2 | | | | | | | | 2.6 | 6.2 |
| SW | .4 | | .2 | | | | | | | | | .6 | 4.8 |
| WSW | .5 | .5 | .1 | | | | | | | | | 1.1 | 3.7 |
| W | .4 | .5 | .1 | .1 | | | | | | | | 1.1 | 4.9 |
| WNW | .1 | | .4 | | | | | | | | | .5 | 6.5 |
| NW | .2 | .5 | .2 | .4 | .1 | | | | | | | 1.4 | 8.3 |
| NNW | .4 | .1 | | .1 | | | | | | | | .6 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 9.1 | ////// |
| TOTALS | 28.2 | 45.6 | 15.1 | 1.9 | .2 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .4 | | | | | | | | | | .7 | 3.8 |
| NNE | .4 | .1 | | | | | | | | | | .5 | 3.0 |
| NE | .2 | .2 | | | | | | | | | | .5 | 3.5 |
| ENE | .7 | .7 | | | | | | | | | | 1.4 | 3.3 |
| E | 1.3 | 2.7 | .6 | | | | | | | | | 4.6 | 4.5 |
| ESE | 3.5 | 6.7 | 3.4 | 1.1 | | | | | | | | 14.7 | 5.6 |
| SE | 6.6 | 18.8 | 8.2 | .7 | | | | | | | | 34.4 | 5.2 |
| SSE | 4.8 | 10.2 | 4.2 | .1 | | | | | | | | 19.4 | 4.8 |
| S | 2.9 | 2.8 | .7 | .2 | | | | | | | | 6.7 | 4.2 |
| SSW | .6 | .2 | .7 | .2 | | | | | | | | 1.8 | 6.5 |
| SW | .9 | .6 | .2 | | | | | | | | | 1.8 | 4.0 |
| WSW | .2 | .4 | .1 | | | | | | | | | .7 | 5.5 |
| W | .5 | .6 | | | | | | | | | | 1.1 | 3.6 |
| WNW | .6 | | .1 | | | | | | | | | .7 | 3.5 |
| NW | .5 | .1 | .1 | | | | | | | | | .7 | 3.7 |
| NNW | .1 | .4 | | | | | | | | | | .5 | 5.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 9.9 | ////// |
| TOTALS | 24.3 | 45.0 | 18.5 | 2.4 | | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | .4 | | | | | | | | | | .6 | 3.2 |
| NNE | .4 | .1 | | | | | | | | | | .5 | 3.3 |
| NE | .5 | .6 | | .2 | | | | | | | | 1.3 | 5.1 |
| ENE | 1.3 | .9 | .2 | | | | | | | | | 2.5 | 3.7 |
| E | 2.8 | 3.1 | 1.3 | .1 | | | | | | | | 7.3 | 4.7 |
| ESE | 2.1 | 3.4 | 2.5 | .8 | .4 | .1 | | | | | | 9.3 | 6.5 |
| SE | 2.9 | 8.0 | 5.9 | 3.4 | .4 | .4 | | | | | | 21.0 | 7.5 |
| SSE | 4.2 | 7.3 | 2.6 | .2 | | | | | | | | 14.4 | 4.7 |
| S | 4.2 | 4.4 | 1.1 | .5 | | | | | | | | 10.1 | 4.5 |
| SSW | 1.1 | 1.1 | .4 | .2 | .2 | | | | | | | 2.9 | 6.2 |
| SW | 1.2 | .6 | .4 | | | | | | | | | 2.1 | 4.1 |
| WSW | 1.5 | .7 | .4 | | | | | | | | | 2.6 | 3.7 |
| W | 1.1 | 1.3 | 1.1 | .1 | .1 | | | | | | | 3.7 | 5.6 |
| WNW | .8 | 1.2 | .7 | .1 | | | | | | | | 2.8 | 5.7 |
| NW | .6 | .8 | | .1 | | | | | | | | 1.5 | 4.1 |
| NNW | .5 | .2 | .1 | | | | | | | | | .8 | 3.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 16.6 | ////// |
| TOTALS | 25.4 | 34.0 | 16.5 | 5.9 | 1.1 | .5 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 1.4 | .4 | | | | | | | | | 4.1 | 3.5 |
| NNE | 1.3 | .8 | | | | | | | | | | 2.1 | 3.1 |
| NE | .9 | .7 | | .4 | | | | | | | | 2.0 | 5.2 |
| ENE | 1.4 | .6 | .4 | .4 | .1 | | | | | | | 2.8 | 5.5 |
| E | 2.0 | 1.3 | 1.2 | .6 | .1 | .1 | | | | | | 5.3 | 6.2 |
| ESE | .8 | .9 | 2.6 | 1.6 | .4 | | | | | | | 6.4 | 9.1 |
| SE | 1.8 | 1.5 | 1.3 | 1.5 | .6 | | | | | | | 6.7 | 8.1 |
| SSE | 1.9 | 1.6 | .7 | .1 | | | | | | | | 4.4 | 4.4 |
| S | 1.4 | 1.4 | .9 | .2 | .4 | | | | | | | 4.4 | 6.5 |
| SSW | .9 | .6 | 1.2 | 1.8 | .1 | | | | | | | 4.6 | 9.1 |
| SW | .9 | 1.4 | .6 | .4 | | | | | | | | 3.3 | 5.6 |
| WSW | 2.0 | 1.8 | .9 | .6 | .2 | | | | | | | 5.5 | 6.1 |
| W | 3.2 | 3.7 | 2.0 | 1.4 | .1 | | | | | | | 10.4 | 6.0 |
| WNW | 2.2 | 3.7 | 1.4 | 1.6 | | | | | | | | 9.0 | 6.2 |
| NW | 2.7 | 3.7 | 2.6 | .7 | .2 | | | | | | | 9.9 | 5.9 |
| NNW | 1.9 | 2.5 | .6 | .4 | .1 | | | | | | | 5.4 | 5.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 13.8 | ////// |
| TOTALS | 27.8 | 27.6 | 16.7 | 11.7 | 2.4 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.0 | .9 | | | | | | | | | 4.8 | 4.6 |
| NNE | .8 | 1.4 | .2 | | | | | | | | | 2.5 | 4.9 |
| NE | .8 | .9 | .8 | .5 | | | | | | | | 3.1 | 6.2 |
| ENE | 1.1 | .7 | .5 | .8 | | | | | | | | 3.1 | 6.9 |
| E | 1.1 | .8 | 1.3 | | | | | | | | | 3.2 | 5.4 |
| ESE | .1 | .7 | .8 | .7 | | | | | | | | 2.4 | 8.7 |
| SE | .7 | .7 | .8 | .6 | | | | | | | | 2.8 | 7.2 |
| SSE | .6 | .4 | .1 | | | | | | | | | 1.1 | 3.6 |
| S | .5 | .8 | .8 | .5 | | | | | | | | 2.6 | 7.1 |
| SSW | .2 | .2 | .4 | 1.2 | .2 | | | | | | | 2.2 | 11.3 |
| SW | .4 | .4 | 1.1 | 1.4 | .2 | | | | | | | 3.4 | 10.3 |
| WSW | .4 | .9 | 1.2 | 1.1 | .1 | .1 | | | | | | 3.8 | 9.0 |
| W | 2.0 | 3.4 | 2.9 | 1.4 | | | | | | | | 9.8 | 6.6 |
| WNW | 1.4 | 5.2 | 4.8 | 2.1 | .1 | | | | | | | 13.7 | 7.3 |
| NW | 2.8 | 8.0 | 7.9 | 2.7 | .1 | | | | | | | 21.6 | 7.0 |
| NNW | 2.0 | 5.4 | 3.3 | 1.9 | | | | | | | | 12.6 | 6.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 7.5 | ////// |
| TOTALS | 16.7 | 32.0 | 27.9 | 14.8 | .8 | .1 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | .9 | .1 | | | | | | | | | 2.7 | 3.1 |
| NNE | .7 | .5 | .1 | | | | | | | | | 1.3 | 3.8 |
| NE | .8 | .7 | .6 | | | | | | | | | 1.7 | 5.4 |
| ENE | 1.8 | 1.8 | 1.9 | .5 | | | | | | | | 5.5 | 6.2 |
| E | .9 | 1.1 | 1.3 | .1 | | | | | | | | 3.4 | 5.4 |
| ESE | .9 | .9 | .4 | .4 | | | | | | | | 2.6 | 5.6 |
| SE | .7 | .9 | .2 | | | | | | | | | 1.9 | 4.3 |
| SSE | 1.4 | .4 | | .1 | | | | | | | | 1.9 | 3.1 |
| S | .8 | .5 | .5 | .2 | | | | | | | | 2.0 | 5.5 |
| SSW | .6 | .4 | .8 | .6 | .1 | | | | | | | 2.5 | 7.7 |
| SW | .5 | .5 | .6 | .5 | | | | | | | | 2.0 | 6.6 |
| WSW | 1.7 | .8 | .5 | .6 | .1 | | | | | | | 3.7 | 6.1 |
| W | 3.7 | 2.1 | 1.7 | .5 | | | | | | | | 7.9 | 4.9 |
| WNW | 5.2 | 6.8 | 3.7 | .2 | | | | | | | | 15.9 | 4.9 |
| NW | 6.2 | 9.7 | 5.5 | .9 | | | | | | | | 22.4 | 5.4 |
| NNW | 2.1 | 3.9 | 1.8 | .1 | .1 | | | | | | | 8.0 | 5.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 19.6 | ////// |
| TOTALS | 28.9 | 31.8 | 19.6 | 4.7 | .4 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .2 | .1 | | | | | | | | | .7 | 3.7 |
| NNE | .4 | .4 | | | | | | | | | | .7 | 3.2 |
| NE | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| ENE | .4 | .9 | .4 | | | | | | | | | 1.7 | 5.3 |
| E | 1.1 | 1.9 | 1.3 | .2 | | | | | | | | 4.5 | 5.6 |
| ESE | 2.1 | 5.5 | .4 | | | | | | | | | 8.0 | 4.1 |
| SE | 8.3 | 8.0 | 1.5 | .1 | .1 | | | | | | | 18.0 | 4.1 |
| SSE | 9.9 | 7.2 | .6 | | | | | | | | | 17.7 | 3.3 |
| S | 5.8 | 4.2 | .6 | | | | | | | | | 10.6 | 3.5 |
| SSW | 2.8 | 1.2 | .6 | .2 | | | | | | | | 4.8 | 4.0 |
| SW | 2.1 | .6 | .1 | .4 | | | | | | | | 3.2 | 4.1 |
| WSW | 1.7 | .4 | | .1 | | | | | | | | 2.1 | 3.1 |
| W | 2.7 | 1.5 | .1 | | | | | | | | | 4.4 | 3.1 |
| WNW | 1.3 | 1.3 | .9 | .1 | | | | | | | | 3.7 | 5.2 |
| NW | .8 | .7 | | .1 | | | | | | | | 1.7 | 3.7 |
| NNW | .5 | .4 | | .1 | | | | | | | | .9 | 5.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 17.1 | ////// |
| TOTALS | 60.2 | 34.6 | 6.6 | 1.4 | .1 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | .7 | .2 | | | | | | | | | 1.7 | 3.8 |
| NNE | .5 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| NE | .5 | .4 | .2 | .1 | | | | | | | | 1.3 | 5.3 |
| ENE | .9 | .8 | .5 | .2 | .0 | | | | | | | 2.4 | 5.5 |
| E | 1.5 | 2.2 | 1.2 | .2 | .0 | .0 | | | | | | 5.0 | 5.3 |
| ESE | 2.4 | 4.4 | 1.9 | .7 | .1 | .0 | | | | | | 9.5 | 5.6 |
| SE | 5.3 | 9.3 | 3.3 | .9 | .1 | .0 | | | | | | 19.0 | 5.2 |
| SSE | 4.4 | 5.8 | 1.3 | .1 | | | | | | | | 11.6 | 4.2 |
| S | 2.7 | 2.4 | .7 | .2 | .0 | | | | | | | 6.0 | 4.4 |
| SSW | 1.2 | .6 | .7 | .6 | .1 | | | | | | | 3.2 | 6.6 |
| SW | .9 | .6 | .4 | .3 | .0 | | | | | | | 2.3 | 5.9 |
| WSW | 1.0 | .8 | .4 | .3 | .1 | .0 | | | | | | 2.6 | 5.8 |
| W | 1.8 | 1.7 | 1.0 | .4 | .0 | | | | | | | 4.9 | 5.4 |
| WNW | 1.5 | 2.3 | 1.5 | .5 | .0 | | | | | | | 5.8 | 5.9 |
| NW | 1.8 | 3.1 | 2.1 | .6 | .1 | | | | | | | 7.7 | 6.0 |
| NNW | .9 | 1.6 | .7 | .3 | .0 | | | | | | | 3.6 | 5.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 12.4 | ////// |
| TOTALS | 28.0 | 37.0 | 16.3 | 5.5 | .6 | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS: 6790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | | | | | | | | | | | .1 | 2.0 |
| NNE | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| NE | .3 | | | | | | | | | | | .3 | 2.3 |
| ENE | .6 | .2 | | | | | | | | | | .9 | 3.1 |
| E | 1.5 | 1.6 | .5 | .1 | | | | | | | | 3.8 | 4.4 |
| ESE | 5.3 | 6.0 | 1.1 | .3 | | | | | | | | 12.7 | 4.2 |
| SE | 8.9 | 13.8 | 1.5 | .1 | .1 | | | | | | | 24.4 | 4.1 |
| SSE | 8.6 | 8.9 | .6 | .1 | | | | | | | | 17.7 | 3.6 |
| S | 6.1 | 5.2 | .9 | .1 | | | | | | | | 12.3 | 3.6 |
| SSW | 1.6 | 1.1 | 1.4 | .8 | | | | | | | | 4.8 | 6.3 |
| SW | 1.3 | 1.4 | .4 | .3 | .1 | | | | | | | 3.5 | 5.2 |
| WSW | .5 | .6 | .2 | .1 | | | | | | | | 1.5 | 4.8 |
| W | 1.1 | 1.2 | .8 | .1 | | | | | | | | 3.1 | 5.3 |
| WNW | .4 | .6 | .4 | .2 | | | | | | | | 1.7 | 6.0 |
| NW | .2 | .2 | .5 | .5 | | | | | | | | 1.5 | 8.3 |
| NNW | .5 | .2 | .1 | | | | | | | | | .9 | 3.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.5 | ////// |
| TOTALS | 37.3 | 40.6 | 8.5 | 2.8 | .2 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| NNE | | .1 | | | | | | | | | | .1 | 4.0 |
| NE | .1 | .2 | | | | | | | | | | .3 | 3.7 |
| ENE | .2 | .4 | | | | | | | | | | .6 | 4.2 |
| E | 2.5 | 1.9 | .5 | | | | | | | | | 4.9 | 4.0 |
| ESE | 5.1 | 8.0 | 1.2 | .4 | | | | | | | | 14.6 | 4.4 |
| SE | 9.1 | 21.4 | 2.4 | .3 | .2 | | | | | | | 33.4 | 4.5 |
| SSE | 5.4 | 8.6 | 1.0 | | | | | | | | | 14.9 | 4.0 |
| S | 2.7 | 2.9 | .5 | .2 | .1 | | | | | | | 6.5 | 4.4 |
| SSW | 1.3 | 1.5 | .3 | .2 | | | | | | | | 3.3 | 4.7 |
| SW | .3 | .9 | 1.1 | .1 | | | | | | | | 2.4 | 6.4 |
| WSW | .4 | .6 | .4 | .3 | | | | | | | | 1.8 | 6.4 |
| W | .2 | 1.1 | .9 | | | | | | | | | 2.2 | 5.9 |
| WNW | .3 | .9 | .3 | .2 | | | | | | | | 1.7 | 6.0 |
| NW | | .6 | .3 | | | | | | | | | 1.0 | 6.2 |
| NNW | .1 | | | | | | | | | | | .1 | 2.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 11.8 | ////// |
| TOTALS | 27.8 | 49.2 | 8.9 | 1.8 | .3 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .3 | | | | | | | | | | .4 | 4.5 |
| NNE | .2 | | | | | | | | | | | .2 | 2.0 |
| NE | .2 | | | | | | | | | | | .2 | 2.0 |
| ENE | .5 | .6 | | | | | | | | | | 1.2 | 3.6 |
| E | 1.7 | 1.6 | .4 | | | | | | | | | 3.8 | 4.0 |
| ESE | 2.8 | 5.6 | 1.7 | .5 | .2 | .1 | | | | | | 11.0 | 5.4 |
| SE | 7.6 | 17.8 | 4.7 | .5 | | | | | | | | 30.8 | 5.0 |
| SSE | 4.8 | 13.7 | 3.1 | .1 | | | | | | | | 21.7 | 4.8 |
| S | 3.9 | 3.3 | .8 | .1 | | | | | | | | 8.1 | 4.0 |
| SSW | .8 | .5 | .6 | .6 | | | | | | | | 2.6 | 7.3 |
| SW | .6 | .8 | .6 | .1 | | | | | | | | 2.2 | 5.9 |
| WSW | .1 | .6 | .6 | .1 | | | | | | | | 1.5 | 6.7 |
| W | .6 | .9 | .5 | .2 | | | | | | | | 2.3 | 5.8 |
| WNW | .2 | .3 | .3 | .1 | | | | | | | | 1.0 | 6.1 |
| NW | .4 | .3 | .4 | | | | | | | | | 1.2 | 5.3 |
| NNW | .2 | .1 | .1 | | | | | | | | | .4 | 4.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 11.6 | ////// |
| TOTALS | 24.9 | 46.6 | 14.1 | 2.5 | .2 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | .5 | | | | | | | | | | 2.2 | 2.8 |
| NNE | .4 | .2 | | | | | | | | | | .6 | 2.8 |
| NE | 1.2 | .6 | .3 | | | | | | | | | 2.2 | 4.0 |
| ENE | .6 | .8 | .3 | .2 | | | | | | | | 1.9 | 5.1 |
| E | .9 | 1.6 | .5 | | | | | | | | | 3.0 | 4.5 |
| ESE | 2.0 | 2.8 | 1.4 | 1.0 | .2 | .2 | | | | | | 7.6 | 6.7 |
| SE | 2.7 | 4.0 | 2.9 | 1.3 | | .1 | | | | | | 11.0 | 6.3 |
| SSE | 2.9 | 6.7 | 2.4 | .1 | | | | | | | | 12.0 | 5.0 |
| S | 5.3 | 3.9 | 2.9 | .3 | | | | | | | | 12.4 | 4.7 |
| SSW | 1.5 | 1.1 | 1.8 | 1.0 | .1 | | | | | | | 5.5 | 7.1 |
| SW | 1.2 | 1.0 | 1.0 | 1.0 | | .1 | | | | | | 4.2 | 7.4 |
| WSW | 1.5 | 1.9 | .8 | .2 | | | | | | | | 4.4 | 4.8 |
| W | 2.3 | 2.0 | 2.4 | 1.2 | | | | | | | | 7.8 | 6.6 |
| WNW | 1.6 | 1.3 | 1.0 | .1 | .1 | | | | | | | 4.1 | 5.1 |
| NW | 1.4 | 1.2 | .1 | .3 | | | | | | | | 3.0 | 4.4 |
| NNW | .9 | .8 | .6 | | | | | | | | | 2.3 | 4.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 15.8 | ////// |
| TOTALS | 28.0 | 30.3 | 18.4 | 6.7 | .4 | .4 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 1.6 | .4 | .1 | | | | | | | | 4.2 | 4.2 |
| NNE | .5 | .4 | .4 | | | | | | | | | 1.4 | 4.8 |
| NE | 1.1 | .8 | | | | | | | | | | 1.8 | 3.3 |
| ENE | .1 | .9 | .2 | .1 | | | | | | | | 1.3 | 6.0 |
| E | 1.3 | .5 | .4 | .1 | | | | | | | | 2.4 | 4.4 |
| ESE | .8 | .5 | .5 | .5 | .1 | | | | | | | 2.5 | 7.4 |
| SE | .8 | 1.0 | 1.0 | .4 | .4 | | | | | | | 3.5 | 7.9 |
| SSE | 1.0 | 1.9 | .6 | .3 | | | | | | | | 3.9 | 5.5 |
| S | 1.7 | 1.8 | 1.4 | .6 | | | | | | | | 5.6 | 5.8 |
| SSW | 1.3 | .6 | 1.4 | 2.3 | .2 | | | | | | | 5.8 | 9.3 |
| SW | 1.1 | 1.3 | 1.7 | 1.7 | .5 | .2 | | | | | | 6.6 | 9.5 |
| WSW | 1.2 | 2.8 | 2.3 | .9 | .5 | | | | | | | 7.6 | 7.7 |
| W | 3.1 | 4.9 | 4.3 | 2.4 | .6 | | | | | | | 15.4 | 7.3 |
| WNW | 1.1 | 4.1 | 4.0 | 1.0 | .1 | | | | | | | 10.2 | 7.0 |
| NW | 3.2 | 3.7 | 2.6 | 1.2 | .2 | | | | | | | 10.9 | 6.2 |
| NNW | 2.5 | 2.2 | 1.6 | .4 | .1 | | | | | | | 6.8 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.2 | ////// |
| TOTALS | 22.7 | 29.0 | 22.9 | 12.0 | 2.9 | .2 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.6 | .3 | | | | | | | | | 3.9 | 4.3 |
| NNE | .3 | .6 | .1 | | | | | | | | | 1.1 | 4.6 |
| NE | .2 | .3 | .2 | | | | | | | | | .8 | 4.6 |
| ENE | .5 | .5 | .2 | .3 | | | | | | | | 1.6 | 6.3 |
| E | .1 | .3 | .3 | .1 | | | | | | | | .9 | 7.4 |
| ESE | .4 | .2 | .9 | .3 | | | | | | | | 1.8 | 7.4 |
| SE | .2 | .2 | .1 | .2 | | | | | | | | .8 | 6.9 |
| SSE | .2 | .3 | .2 | | | | | | | | | .8 | 5.1 |
| S | .3 | .3 | .8 | .2 | | | | | | | | 1.6 | 7.2 |
| SSW | .1 | .4 | 1.5 | 1.3 | .5 | .2 | | | | | | 4.1 | 11.8 |
| SW | .9 | 1.0 | 2.2 | 2.5 | 1.4 | .1 | | | | | | 8.0 | 11.0 |
| WSW | .6 | 1.9 | 3.2 | 2.3 | .4 | | | | | | | 8.5 | 9.0 |
| W | 1.8 | 4.6 | 7.8 | 2.8 | .2 | | | | | | | 17.3 | 7.9 |
| WNW | 1.5 | 4.9 | 5.4 | 2.6 | .1 | | | | | | | 14.5 | 7.4 |
| NW | 1.9 | 5.9 | 7.0 | 2.5 | .1 | .4 | | | | | | 17.8 | 7.5 |
| NNW | 1.4 | 4.0 | 4.2 | 1.0 | .1 | .1 | | | | | | 10.8 | 7.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 5.9 | ////// |
| TOTALS | 11.6 | 28.3 | 34.4 | 16.0 | 2.9 | .9 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 1.3 | .4 | .1 | | | | | | | | 3.9 | 3.8 |
| NNE | .8 | .1 | .1 | | | | | | | | | 1.0 | 2.9 |
| NE | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.8 |
| ENE | .4 | .4 | .3 | .2 | | | | | | | | 1.4 | 6.0 |
| E | .2 | 1.0 | .6 | .1 | | | | | | | | 1.9 | 6.0 |
| ESE | | .3 | .2 | .1 | | | | | | | | .6 | 8.0 |
| SE | .1 | .3 | | .1 | | | | | | | | .5 | 5.6 |
| SSE | .2 | .2 | .3 | | | | | | | | | .8 | 5.3 |
| S | .5 | .3 | .9 | | | | | | | | | 1.7 | 5.9 |
| SSW | .6 | 1.0 | 1.7 | .5 | .1 | | | | | | | 4.0 | 7.9 |
| SW | .9 | 1.1 | 2.0 | 1.4 | .5 | | | | | | | 5.9 | 9.3 |
| WSW | 1.4 | 1.9 | 2.8 | 1.5 | .1 | | | | | | | 7.7 | 7.2 |
| W | 3.0 | 4.9 | 3.4 | .9 | | | | | | | | 12.3 | 5.8 |
| WNW | 4.4 | 7.0 | 4.9 | 1.1 | .1 | | | | | | | 17.5 | 5.8 |
| NW | 5.6 | 9.1 | 6.9 | 2.2 | .4 | | | | | | | 24.2 | 6.2 |
| NNW | 1.3 | 3.1 | 2.2 | .3 | | | | | | | | 6.9 | 5.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 8.4 | ////// |
| TOTALS | 22.3 | 32.6 | 27.0 | 8.5 | 1.3 | | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .4 | | | | | | | | | | .8 | 3.6 |
| NNE | .4 | | | | | | | | | | | .4 | 2.3 |
| NE | .4 | .2 | .2 | | | | | | | | | .9 | 4.5 |
| ENE | .3 | .6 | .1 | | | | | | | | | 1.1 | 4.0 |
| E | .9 | 1.2 | .5 | .1 | | | | | | | | 2.7 | 4.8 |
| ESE | 1.3 | 2.0 | .1 | .1 | .1 | | | | | | | 3.7 | 4.5 |
| SE | 4.2 | 4.7 | .5 | | .2 | | | | | | | 9.7 | 4.0 |
| SSE | 5.5 | 4.2 | .3 | .2 | | | | | | | | 10.2 | 3.6 |
| S | 6.0 | 5.3 | .9 | | .1 | | | | | | | 12.3 | 3.8 |
| SSW | 4.0 | 2.2 | 1.6 | .3 | | | | | | | | 8.1 | 4.3 |
| SW | 2.9 | 1.2 | 1.1 | .5 | .1 | | | | | | | 5.8 | 5.3 |
| WSW | 2.3 | 1.5 | 1.6 | .2 | | | | | | | | 5.6 | 5.1 |
| W | 4.1 | 2.6 | 2.0 | .3 | | | | | | | | 9.0 | 4.5 |
| WNW | 3.0 | 2.7 | .3 | .1 | | | | | | | | 6.1 | 3.7 |
| NW | 1.7 | 1.3 | .8 | .4 | | | | | | | | 4.2 | 5.2 |
| NNW | .6 | .3 | .1 | | | | | | | | | 1.1 | 3.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 18.5 | ////// |
| TOTALS | 38.0 | 30.4 | 10.2 | 2.4 | .5 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | .9 | .1 | .0 | | | | | | | | 1.9 | 3.9 |
| NNE | .3 | .2 | .1 | | | | | | | | | .6 | 3.7 |
| NE | .5 | .3 | .1 | | | | | | | | | 1.0 | 3.8 |
| ENE | .4 | .6 | .1 | .1 | | | | | | | | 1.2 | 5.0 |
| E | 1.1 | 1.2 | .5 | .1 | | | | | | | | 2.9 | 4.6 |
| ESE | 2.2 | 3.2 | .9 | .4 | .1 | .0 | | | | | | 6.8 | 5.2 |
| SE | 4.2 | 7.9 | 1.6 | .4 | .1 | .0 | | | | | | 14.3 | 4.8 |
| SSE | 3.6 | 5.5 | 1.1 | .1 | | | | | | | | 10.3 | 4.3 |
| S | 3.3 | 2.9 | 1.1 | .2 | .0 | | | | | | | 7.5 | 4.4 |
| SSW | 1.4 | 1.0 | 1.3 | .9 | .1 | .0 | | | | | | 4.8 | 7.1 |
| SW | 1.1 | 1.1 | 1.3 | 1.0 | .3 | .1 | | | | | | 4.8 | 8.1 |
| WSW | 1.0 | 1.5 | 1.5 | .7 | .1 | | | | | | | 4.8 | 7.0 |
| W | 2.0 | 2.8 | 2.8 | 1.0 | .1 | | | | | | | 8.7 | 6.5 |
| WNW | 1.6 | 2.7 | 2.1 | .7 | .1 | | | | | | | 7.1 | 6.2 |
| NW | 1.8 | 2.8 | 2.3 | .9 | .1 | .1 | | | | | | 8.0 | 6.5 |
| NNW | .9 | 1.3 | 1.1 | .2 | .0 | .0 | | | | | | 3.6 | 5.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 11.6 | ////// |
| TOTALS | 26.6 | 35.9 | 18.1 | 6.6 | 1.1 | .2 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | | | | | | | | | | | .9 | 2.0 |
| NNE | .1 | | | | | | | | | | | .1 | 2.0 |
| NE | .6 | | | | | | | | | | | .6 | 2.0 |
| ENE | .2 | .3 | | | | | | | | | | .6 | 3.6 |
| E | 1.2 | 2.1 | 1.1 | | | | | | | | | 4.4 | 4.9 |
| ESE | 3.9 | 6.6 | 1.4 | .3 | | | | | | | | 12.2 | 4.7 |
| SE | 10.7 | 15.4 | 1.3 | .4 | | | | | | | | 27.9 | 4.1 |
| SSE | 7.4 | 9.9 | .2 | .1 | | | | | | | | 17.7 | 3.8 |
| S | 5.4 | 4.4 | .3 | .1 | .1 | | | | | | | 10.4 | 3.7 |
| SSW | 2.3 | 2.1 | .4 | .2 | | | | | | | | 5.1 | 4.4 |
| SW | 1.2 | .9 | .2 | .2 | | | | | | | | 2.6 | 4.6 |
| WSW | 1.7 | .8 | .1 | | | | | | | | | 2.6 | 3.3 |
| W | .9 | 1.1 | .6 | | | | | | | | | 2.6 | 4.6 |
| WNW | .4 | .7 | .7 | | | | | | | | | 1.8 | 5.3 |
| NW | .4 | .3 | .2 | .1 | | | | | | | | 1.1 | 5.7 |
| NNW | .4 | | .1 | | | | | | | | | .6 | 3.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 9.0 | ////// |
| TOTALS | 37.9 | 44.7 | 6.8 | 1.6 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | | | | | | | | | | | .1 | 2.0 |
| NNE | | .1 | .1 | | | | | | | | | .2 | 5.5 |
| NE | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| ENE | .4 | .2 | | | | | | | | | | .7 | 3.3 |
| E | 1.6 | 2.2 | .6 | | | | | | | | | 4.3 | 4.2 |
| ESE | 4.8 | 8.9 | 2.0 | .7 | | | | | | | | 16.3 | 4.8 |
| SE | 11.0 | 23.4 | 3.0 | | | | | | | | | 37.4 | 4.3 |
| SSE | 6.7 | 10.9 | .7 | | | | | | | | | 18.2 | 4.0 |
| S | 2.6 | 1.7 | .1 | .1 | | | | | | | | 4.4 | 3.5 |
| SSW | .8 | .4 | .1 | .2 | .1 | | | | | | | 1.7 | 6.0 |
| SW | .3 | .4 | .3 | | | | | | | | | 1.1 | 5.2 |
| WSW | .6 | .6 | .2 | .1 | | | | | | | | 1.4 | 5.3 |
| W | .6 | .4 | .6 | | | | | | | | | 1.6 | 5.1 |
| WNW | .8 | .1 | .4 | | | | | | | | | 1.3 | 4.5 |
| NW | | | | .2 | | | | | | | | .2 | 11.5 |
| NNW | .2 | .1 | .2 | .1 | | | | | | | | .7 | 6.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.0 | ////// |
| TOTALS | 30.4 | 49.7 | 8.3 | 1.4 | .1 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .1 | | | | | | | | | | .1 | 6.0 |
| NNE | .2 | | | | | | | | | | | .2 | 2.0 |
| NE | .1 | | | | | | | | | | | .1 | 2.0 |
| ENE | .2 | .1 | .4 | | | | | | | | | .8 | 5.4 |
| E | 1.0 | 1.9 | .8 | .1 | | | | | | | | 3.8 | 5.1 |
| ESE | 1.8 | 3.8 | 1.2 | .3 | | | | | | | | 7.1 | 5.3 |
| SE | 7.1 | 19.2 | 5.4 | .4 | | | | | | | | 32.2 | 4.9 |
| SSE | 5.4 | 15.4 | 6.6 | .1 | | | | | | | | 27.6 | 5.1 |
| S | 3.6 | 5.2 | 1.3 | | | | | | | | | 10.1 | 4.3 |
| SSW | .7 | .6 | .3 | .2 | | | | | | | | 1.8 | 5.6 |
| SW | .4 | .6 | .4 | .2 | | | | | | | | 1.7 | 5.9 |
| WSW | .1 | 1.0 | .4 | | | | | | | | | 1.6 | 5.6 |
| W | .6 | .2 | .3 | .2 | | | | | | | | 1.3 | 5.9 |
| WNW | | .3 | .2 | .1 | | .1 | | | | | | .8 | 9.6 |
| NW | .3 | .4 | .4 | | | | | | | | | 1.2 | 5.5 |
| NNW | .4 | .2 | .1 | .1 | | | | | | | | .9 | 4.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 8.8 | ////// |
| TOTALS | 22.0 | 49.1 | 18.1 | 1.9 | | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.0 | | | | | | | | | | 2.1 | 3.2 |
| NNE | 1.0 | .3 | | | | | | | | | | 1.3 | 2.7 |
| NE | 1.3 | .7 | .4 | | | | | | | | | 2.4 | 3.8 |
| ENE | .9 | .7 | .8 | .1 | | | | | | | | 2.4 | 5.5 |
| E | 2.3 | 1.1 | .9 | .2 | | | | | | | | 4.6 | 4.5 |
| ESE | 2.2 | 1.7 | 1.3 | .7 | .1 | | | | | | | 6.0 | 5.8 |
| SE | 3.1 | 2.1 | 1.9 | .7 | .2 | | | | | | | 8.0 | 5.7 |
| SSE | 3.3 | 4.1 | 1.2 | .6 | | | | | | | | 9.2 | 4.7 |
| S | 4.4 | 4.7 | 3.2 | 1.1 | .1 | | | | | | | 13.6 | 5.6 |
| SSW | 1.1 | 1.3 | 2.4 | 1.8 | .2 | | | | | | | 6.9 | 8.5 |
| SW | 1.8 | 1.7 | 1.1 | 1.0 | .2 | | | | | | | 5.8 | 6.9 |
| WSW | 1.4 | 1.7 | 1.1 | .1 | | | | | | | | 4.3 | 4.9 |
| W | 2.0 | 2.3 | .9 | .4 | | | | | | | | 5.7 | 5.1 |
| WNW | 2.0 | .9 | .7 | .1 | | | | | | | | 3.7 | 4.2 |
| NW | 1.8 | 1.6 | .7 | .2 | | | | | | | | 4.2 | 4.6 |
| NNW | 1.1 | .9 | .6 | | | | | | | | | 2.6 | 4.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 17.2 | ////// |
| TOTALS | 31.0 | 26.7 | 17.2 | 7.0 | .9 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
USAFETAC FROM HOURLY OBSERVATIONS
AIR WEATHER SERVICE/MAC

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.9 | .6 | .1 | | | | | | | | 3.8 | 4.9 |
| NNE | .6 | 1.4 | .1 | | | | | | | | | 2.1 | 4.5 |
| NE | .4 | .8 | .2 | .2 | | | | | | | | 1.7 | 5.5 |
| ENE | .9 | .8 | .1 | .1 | | | | | | | | 1.9 | 4.2 |
| E | .8 | .7 | .9 | .2 | | | | | | | | 2.6 | 6.4 |
| ESE | .4 | 1.0 | .7 | .9 | .2 | | | | | | | 3.2 | 8.3 |
| SE | .6 | .6 | .7 | .3 | | .1 | | | | | | 2.2 | 7.5 |
| SSE | .3 | 1.4 | .3 | | .1 | | | | | | | 2.2 | 5.6 |
| S | 1.4 | 1.4 | 1.7 | 1.3 | .2 | | | | | | | 6.1 | 7.6 |
| SSW | .6 | 1.3 | 2.2 | 3.2 | .2 | .2 | | | | | | 7.8 | 10.4 |
| SW | .6 | 2.8 | 2.9 | 2.6 | .1 | .1 | | | | | | 9.0 | 8.8 |
| WSW | 1.3 | 3.6 | 2.6 | 2.8 | .4 | .3 | | | | | | 11.0 | 8.7 |
| W | 2.6 | 5.8 | 6.6 | 2.1 | | | | | | | | 17.0 | 6.8 |
| WNW | 1.1 | 3.1 | 2.1 | 1.0 | | | | | | | | 7.3 | 6.6 |
| NW | 1.0 | 4.0 | 2.8 | 1.0 | | | | | | | | 8.8 | 6.6 |
| NNW | 1.8 | 2.6 | 1.1 | .3 | .1 | | | | | | | 5.9 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 7.4 | ////// |
| TOTALS | 15.6 | 33.1 | 25.4 | 16.2 | 1.4 | .8 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.1 | .8 | .2 | | | | | | | | 3.7 | 4.9 |
| NNE | .3 | .8 | | | | | | | | | | 1.1 | 4.0 |
| NE | .3 | .6 | .4 | .1 | | | | | | | | 1.4 | 5.5 |
| ENE | .1 | .4 | .2 | .3 | | | | | | | | 1.1 | 7.3 |
| E | .3 | .6 | .3 | .2 | | | | | | | | 1.4 | 6.1 |
| ESE | .2 | | .1 | .6 | .1 | | | | | | | 1.0 | 10.8 |
| SE | | .3 | .6 | .3 | | | | | | | | 1.2 | 9.0 |
| SSE | .2 | .1 | | .2 | | | | | | | | .6 | 6.8 |
| S | .2 | .6 | .8 | .8 | .1 | | | | | | | 2.4 | 8.8 |
| SSW | .1 | .6 | 2.1 | 2.1 | .3 | | | | | | | 5.2 | 10.6 |
| SW | .3 | 1.1 | 3.4 | 4.1 | 1.0 | .1 | .1 | | | | | 10.2 | 11.5 |
| WSW | .7 | 2.2 | 5.2 | 4.0 | .2 | .2 | | | | | | 12.6 | 9.7 |
| W | 1.4 | 4.4 | 9.1 | 4.8 | .1 | | | .1 | | | | 20.0 | 8.8 |
| WNW | 1.3 | 4.3 | 5.6 | 2.3 | .1 | | | | | | | 13.7 | 7.6 |
| NW | 1.6 | 3.1 | 5.6 | 2.7 | .1 | | | | | | | 13.0 | 7.7 |
| NNW | .9 | 3.0 | 3.7 | 1.1 | | | | | | | | 8.7 | 7.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 2.6 | ////// |
| TOTALS | 9.7 | 23.2 | 37.9 | 23.9 | 2.1 | .3 | .1 | .1 | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .7 | .6 | | | | | | | | | 2.2 | 4.9 |
| NNE | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.5 |
| NE | .2 | .3 | .6 | .1 | | | | | | | | 1.2 | 6.5 |
| ENE | .2 | .4 | .4 | .2 | | | | | | | | 1.3 | 7.0 |
| E | .8 | 1.1 | .4 | .2 | | | | | | | | 2.6 | 5.0 |
| ESE | .1 | .2 | .2 | .4 | | | | | | | | 1.0 | 8.8 |
| SE | .1 | .3 | .6 | .3 | .1 | | | | | | | 1.4 | 8.8 |
| SSE | | .1 | .1 | | | | | | | | | .2 | 7.0 |
| S | .6 | .4 | .6 | .4 | | | | | | | | 2.0 | 7.5 |
| SSW | .6 | .7 | 1.7 | .7 | .1 | | | | | | | 3.7 | 8.1 |
| SW | 1.7 | 1.9 | 2.6 | 1.4 | .1 | | | | | | | 7.7 | 7.2 |
| WSW | 1.8 | 3.7 | 4.1 | 1.7 | .2 | | | | | | | 11.5 | 7.5 |
| W | 3.2 | 6.8 | 8.9 | 1.3 | .1 | | | | | | | 20.4 | 6.8 |
| WNW | 2.2 | 4.8 | 4.2 | .9 | .3 | | | | | | | 12.5 | 6.6 |
| NW | 2.5 | 7.8 | 5.7 | 2.5 | .1 | | | | | | | 18.5 | 6.9 |
| NNW | 1.3 | 3.3 | 2.7 | .8 | | | | | | | | 8.1 | 6.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 4.3 | ////// |
| TOTALS | 17.1 | 33.0 | 33.4 | 11.0 | 1.1 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | | | | | | | | | | | .3 | 2.0 |
| NNE | .7 | .1 | | | | | | | | | | .8 | 3.1 |
| NE | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| ENE | .9 | .3 | .3 | | | | | | | | | 1.6 | 4.0 |
| E | .8 | 1.4 | .3 | .2 | | | | | | | | 2.8 | 5.0 |
| ESE | 1.3 | 1.1 | 1.0 | .2 | | | | | | | | 3.7 | 5.6 |
| SE | 4.2 | 3.3 | 1.0 | .2 | .1 | | | | | | | 8.9 | 4.4 |
| SSE | 4.1 | 4.0 | | | | | | | | | | 8.1 | 3.9 |
| S | 6.2 | 3.3 | .2 | .1 | | | | | | | | 9.9 | 3.2 |
| SSW | 3.8 | 1.4 | | .3 | | | | | | | | 5.6 | 3.7 |
| SW | 3.6 | 1.6 | .9 | .6 | | | | | | | | 6.6 | 4.4 |
| WSW | 4.9 | 2.6 | .9 | .1 | | | | | | | | 8.5 | 3.8 |
| W | 6.6 | 4.3 | 1.8 | .1 | | | | | | | | 12.8 | 4.0 |
| WNW | 2.6 | 3.2 | 1.1 | | | | | | | | | 6.9 | 4.3 |
| NW | 1.7 | 2.8 | .9 | .4 | | | | | | | | 5.8 | 5.3 |
| NNW | 1.0 | .1 | .2 | | | | | | | | | 1.3 | 3.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 16.1 | ////// |
| TOTALS | 42.9 | 29.9 | 8.7 | 2.3 | .1 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | .6 | .2 | .0 | | | | | | | | 1.7 | 4.3 |
| NNE | .5 | .4 | .0 | | | | | | | | | .9 | 3.7 |
| NE | .4 | .3 | .2 | .1 | | | | | | | | 1.0 | 4.7 |
| ENE | .5 | .4 | .3 | .1 | | | | | | | | 1.3 | 5.2 |
| E | 1.1 | 1.4 | .7 | .2 | | | | | | | | 3.3 | 5.0 |
| ESE | 1.8 | 2.9 | 1.0 | .5 | .1 | | | | | | | 6.3 | 5.5 |
| SE | 4.6 | 8.1 | 1.8 | .3 | .1 | .0 | | | | | | 14.9 | 4.7 |
| SSE | 3.4 | 5.8 | 1.1 | .1 | .0 | | | | | | | 10.5 | 4.4 |
| S | 3.1 | 2.7 | 1.0 | .5 | .1 | | | | | | | 7.4 | 4.9 |
| SSW | 1.2 | 1.1 | 1.2 | 1.1 | .1 | .0 | | | | | | 4.7 | 7.6 |
| SW | 1.2 | 1.4 | 1.5 | 1.3 | .2 | .0 | .0 | | | | | 5.6 | 7.8 |
| WSW | 1.6 | 2.0 | 1.8 | 1.1 | .1 | .1 | | | | | | 6.7 | 7.1 |
| W | 2.2 | 3.2 | 3.6 | 1.1 | .0 | | | .0 | | | | 10.2 | 6.6 |
| WNW | 1.3 | 2.2 | 1.9 | .6 | .1 | .0 | | | | | | 6.0 | 6.3 |
| NW | 1.2 | 2.5 | 2.0 | .9 | .0 | | | | | | | 6.6 | 6.6 |
| NNW | .9 | 1.3 | 1.1 | .3 | .0 | | | | | | | 3.6 | 6.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 9.4 | ////// |
| TOTALS | 25.8 | 36.2 | 19.5 | 8.2 | .7 | .2 | .0 | .0 | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS: 7193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .1 | | | | | | | | | | .6 | 3.2 |
| NNE | .2 | .1 | .1 | | | | | | | | | .4 | 4.8 |
| NE | .3 | .3 | | .2 | | | | | | | | .9 | 6.4 |
| ENE | .4 | 1.0 | .2 | .1 | | | | | | | | 1.7 | 5.0 |
| E | 1.7 | 1.5 | .5 | | | | | | | | | 3.8 | 4.2 |
| ESE | 3.4 | 4.1 | .6 | | | | | | | | | 8.2 | 3.9 |
| SE | 8.9 | 10.9 | .6 | .3 | | | | | | | | 20.8 | 3.9 |
| SSE | 8.9 | 8.4 | .3 | .2 | | | | | | | | 17.8 | 3.6 |
| S | 8.5 | 5.6 | .5 | | | | | | | | | 14.6 | 3.4 |
| SSW | 1.8 | 2.3 | .2 | .1 | | | | | | | | 4.4 | 4.0 |
| SW | 2.5 | .6 | .3 | .2 | | | | | | | | 3.7 | 4.0 |
| WSW | 1.2 | .5 | .1 | .1 | | | | | | | | 1.9 | 3.9 |
| W | 1.4 | 1.2 | .3 | | | | | | | | | 2.9 | 3.6 |
| WNW | .9 | .3 | .4 | | | | | | | | | 1.6 | 3.9 |
| NW | .5 | .4 | .1 | .1 | | | | | | | | 1.2 | 4.5 |
| NNW | .4 | .2 | .2 | | | | | | | | | .9 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 14.6 | ////// |
| TOTALS | 41.7 | 37.5 | 4.7 | 1.4 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | .1 | | | | | | | | | .1 | 10.0 |
| NNE | | .2 | | | | | | | | | | .2 | 5.0 |
| NE | .1 | | | | | | | | | | | .1 | 1.0 |
| ENE | .5 | .3 | | | | | | | | | | .9 | 2.9 |
| E | 2.3 | 3.5 | .5 | .2 | | | | | | | | 6.6 | 4.3 |
| ESE | 4.7 | 8.4 | .4 | .1 | | | | | | | | 13.7 | 4.0 |
| SE | 11.8 | 20.5 | 2.0 | .5 | | | | | | | | 34.9 | 4.3 |
| SSE | 6.9 | 11.3 | 1.0 | .2 | | | | | | | | 19.4 | 4.2 |
| S | 2.8 | 3.0 | .5 | | | | | | | | | 6.3 | 3.8 |
| SSW | 1.2 | .6 | .2 | | | | | | | | | 2.0 | 3.7 |
| SW | .4 | .6 | | | | | | | | | | 1.1 | 3.4 |
| WSW | 1.2 | .5 | .1 | | | | | | | | | 1.8 | 3.1 |
| W | 1.1 | .2 | .2 | | | | | | | | | 1.5 | 3.6 |
| WNW | .1 | .3 | .1 | | | | | | | | | .5 | 5.4 |
| NW | .3 | .3 | | .1 | | | | | | | | .8 | 4.9 |
| NNW | .1 | | | | | | | | | | | .1 | 1.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.0 | ////// |
| TOTALS | 33.5 | 50.0 | 5.3 | 1.2 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | | | | | | | | | | | .4 | 2.3 |
| NNE | .3 | | | | | | | | | | | .3 | 1.7 |
| NE | .3 | .2 | | | | | | | | | | .5 | 3.0 |
| ENE | .9 | .3 | .1 | | | | | | | | | 1.3 | 3.1 |
| E | 1.7 | 1.9 | 1.1 | .1 | | | | | | | | 4.3 | 4.8 |
| ESE | 2.7 | 5.5 | 1.5 | .2 | | | | | | | | 9.9 | 4.8 |
| SE | 5.4 | 15.9 | 5.5 | .5 | | | | | | | | 27.3 | 5.2 |
| SSE | 5.1 | 14.3 | 4.7 | .5 | .2 | | | | | | | 24.8 | 5.2 |
| S | 5.3 | 6.0 | 1.9 | .1 | .1 | | | | | | | 13.4 | 4.5 |
| SSW | 1.6 | 1.0 | .3 | | | | | | | | | 2.9 | 3.5 |
| SW | .5 | .5 | .5 | | | | | | | | | 1.6 | 5.0 |
| WSW | .6 | | .2 | | | | | | | | | .9 | 3.3 |
| W | .3 | .4 | .1 | .1 | | | | | | | | 1.0 | 5.1 |
| WNW | .3 | .4 | .2 | | | | | | | | | 1.0 | 4.6 |
| NW | .2 | | .3 | | | | | | | | | .5 | 6.2 |
| NNW | .2 | .3 | .1 | | | | | | | | | .6 | 4.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 9.1 | ////// |
| TOTALS | 25.9 | 46.3 | 16.7 | 1.6 | .3 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 1.0 | .2 | | | | | | | | | 3.1 | 3.4 |
| NNE | 1.2 | .6 | .1 | | | | | | | | | 1.9 | 3.1 |
| NE | 1.8 | .3 | .1 | | | | | | | | | 2.3 | 2.8 |
| ENE | 2.0 | .2 | .2 | .2 | | | | | | | | 2.7 | 3.6 |
| E | 2.5 | 1.8 | .3 | | .1 | | | | | | | 4.7 | 3.7 |
| ESE | 1.5 | 1.6 | .9 | .8 | .1 | | | | | | | 4.8 | 6.6 |
| SE | 2.6 | 2.3 | 1.5 | 1.2 | .2 | | | | | | | 7.7 | 6.2 |
| SSE | 3.1 | 2.7 | 1.2 | .4 | .1 | | | | | | | 7.5 | 5.0 |
| S | 3.2 | 4.1 | 3.4 | .6 | | | | | | | | 11.4 | 5.6 |
| SSW | 1.2 | 3.0 | 3.1 | 1.4 | | .1 | | | | | | 8.8 | 7.3 |
| SW | 1.7 | 1.8 | 1.4 | .5 | .2 | | | | | | | 5.7 | 6.2 |
| WSW | 1.9 | 1.9 | 1.3 | .3 | | | | | | | | 5.5 | 5.1 |
| W | 3.0 | 2.6 | 1.8 | .2 | | .1 | | | | | | 7.7 | 5.1 |
| WNW | 1.7 | 1.8 | 1.1 | | | | | | | | | 4.6 | 4.7 |
| NW | 1.5 | 2.6 | .6 | | | | | | | | | 4.7 | 4.5 |
| NNW | 1.4 | 2.0 | .6 | | | | | | | | | 4.1 | 4.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 12.6 | ////// |
| TOTALS | 32.4 | 30.4 | 18.0 | 5.7 | .8 | .2 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 1.9 | 1.1 | | | | | | | | | 4.9 | 4.6 |
| NNE | .5 | .9 | | .1 | | | | | | | | 1.5 | 4.6 |
| NE | .6 | .3 | .4 | | | | | | | | | 1.4 | 4.6 |
| ENE | .8 | .9 | .2 | .3 | | | | | | | | 2.2 | 6.1 |
| E | .8 | .5 | .3 | .2 | | | | | | | | 1.8 | 5.4 |
| ESE | .6 | .4 | .4 | .3 | | | | | | | | 1.8 | 6.0 |
| SE | .6 | .9 | .3 | .3 | | | | | | | | 2.2 | 6.5 |
| SSE | .8 | 1.0 | 1.1 | .4 | | | | | | | | 3.2 | 6.5 |
| S | .5 | 1.5 | 2.8 | 1.3 | | | | | | | | 6.1 | 8.2 |
| SSW | .5 | 2.0 | 2.9 | 3.1 | .4 | | | | | | | 9.0 | 9.7 |
| SW | 1.2 | 1.7 | 3.0 | 3.4 | .3 | .3 | | | | | | 10.0 | 9.9 |
| WSW | 2.0 | 3.3 | 4.1 | 1.6 | .1 | | | | | | | 11.2 | 7.1 |
| W | 1.0 | 5.7 | 5.7 | 1.2 | | | | | | | | 13.5 | 6.9 |
| WNW | 1.7 | 3.1 | 4.2 | .5 | .1 | | | | | | | 9.7 | 6.7 |
| NW | 1.3 | 4.9 | 3.0 | .8 | | | | | | | | 10.0 | 6.3 |
| NNW | 1.1 | 3.3 | 2.6 | .8 | | | | | | | | 7.7 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 3.7 | ////// |
| TOTALS | 16.0 | 32.5 | 32.2 | 14.4 | 1.0 | .3 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.4 | 1.6 | .3 | | | | | | | | 4.3 | 6.5 |
| NNE | .3 | .6 | .2 | | | | | | | | | 1.2 | 4.7 |
| NE | .3 | .2 | .3 | .4 | .1 | | | | | | | 1.4 | 9.0 |
| ENE | .1 | .3 | | .1 | | | | | | | | .5 | 6.4 |
| E | | .4 | .5 | .4 | | | .1 | | | | | 1.5 | 10.2 |
| ESE | | .1 | .2 | .3 | | | | | | | | .6 | 11.0 |
| SE | .2 | .4 | .2 | .6 | .1 | | | | | | | 1.6 | 9.0 |
| SSE | .1 | .5 | .4 | .1 | | | | | | | | 1.2 | 6.5 |
| S | .6 | .5 | .6 | .4 | | .1 | | | | | | 2.4 | 7.5 |
| SSW | .4 | .3 | 1.9 | 2.6 | | | | | | | | 5.3 | 10.1 |
| SW | .3 | 1.4 | 4.6 | 4.7 | .5 | .1 | | | | | | 11.7 | 10.8 |
| WSW | .9 | 2.6 | 6.1 | 4.5 | .2 | .1 | | | | | | 14.4 | 9.3 |
| W | 1.5 | 5.8 | 9.5 | 3.7 | .2 | | | | | | | 20.6 | 8.0 |
| WNW | .9 | 4.1 | 4.3 | 2.3 | | | | | | | | 11.5 | 7.7 |
| NW | .3 | 3.5 | 5.5 | 2.4 | .1 | | | | | | | 11.8 | 8.0 |
| NNW | .3 | 2.9 | 4.2 | 1.2 | | | | | | | | 8.6 | 7.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 1.3 | ////// |
| TOTALS | 7.3 | 25.3 | 40.3 | 24.1 | 1.3 | .3 | .1 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.1 | 1.4 | .2 | | | | | | | | 3.2 | 6.7 |
| NNE | .4 | .2 | .1 | .2 | .1 | | | | | | | 1.1 | 6.8 |
| NE | .1 | .1 | .2 | .3 | | | | | | | | .8 | 8.7 |
| ENE | | .3 | .5 | .2 | | | | | | | | 1.1 | 8.1 |
| E | .1 | .5 | .6 | .1 | | | | | | | | 1.4 | 7.6 |
| ESE | .1 | .2 | .1 | .1 | | | | | | | | .5 | 6.0 |
| SE | .1 | .2 | .5 | .4 | | | | | | | | 1.3 | 9.3 |
| SSE | .4 | .3 | .6 | .1 | | | | | | | | 1.5 | 6.5 |
| S | .4 | .1 | .2 | .1 | | | | | | | | .9 | 6.3 |
| SSW | .3 | .5 | 1.2 | 1.2 | .2 | .1 | | | | | | 3.5 | 9.9 |
| SW | 1.0 | 1.7 | 3.9 | 1.7 | .1 | .1 | | | | | | 8.4 | 8.3 |
| WSW | 1.7 | 3.7 | 6.8 | 2.7 | .3 | | | | | | | 15.2 | 7.9 |
| W | 2.7 | 6.7 | 8.0 | 2.6 | .2 | | | | | | | 20.1 | 7.0 |
| WNW | 2.4 | 2.4 | 4.3 | 1.1 | .1 | | | | | | | 10.2 | 6.6 |
| NW | 1.4 | 7.3 | 6.9 | 2.0 | | | | | | | | 17.6 | 6.9 |
| NNW | 1.3 | 2.6 | 4.8 | 1.9 | .1 | | | | | | | 10.8 | 7.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | | | | | | | | | | 2.4 | ////// |
| TOTALS | 13.0 | 28.0 | 40.2 | 15.1 | 1.2 | .2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .3 | | | | | | | | | | 1.3 | 2.9 |
| NNE | .6 | | .1 | .1 | | | | | | | | .9 | 4.9 |
| NE | .6 | .4 | .1 | .1 | .2 | | | | | | | 1.5 | 6.0 |
| ENE | .5 | .2 | .2 | .3 | | | | | | | | 1.3 | 7.0 |
| E | 1.0 | 1.0 | .2 | .2 | | | | | | | | 2.4 | 4.5 |
| ESE | 1.2 | .6 | .4 | .2 | | | | | | | | 2.5 | 4.7 |
| SE | 1.3 | .9 | .8 | | | | | | | | | 2.9 | 4.7 |
| SSE | 2.9 | 2.4 | .3 | .2 | | | | | | | | 5.8 | 3.8 |
| S | 3.3 | 2.3 | .4 | | | | | | | | | 6.0 | 3.4 |
| SSW | 2.3 | 1.3 | .4 | .2 | | | | | | | | 4.2 | 4.3 |
| SW | 4.7 | 1.8 | 1.0 | .5 | | | | | | | | 8.1 | 4.3 |
| WSW | 4.6 | 5.1 | 1.2 | .3 | | | | | | | | 11.2 | 4.5 |
| W | 6.9 | 5.8 | 3.7 | .3 | | | | | | | | 16.7 | 4.6 |
| WNW | 4.7 | 4.4 | 1.1 | | | | | | | | | 10.2 | 3.9 |
| NW | 2.9 | 3.1 | 1.7 | .2 | | | | | | | | 8.0 | 4.8 |
| NNW | 1.0 | 1.3 | .2 | | | | | | | | | 2.5 | 4.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 14.7 | ////// |
| TOTALS | 39.6 | 30.9 | 11.8 | 2.8 | .2 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | .7 | .6 | .1 | | | | | | | | 2.3 | 5.0 |
| NNE | .5 | .3 | .1 | .1 | .0 | | | | | | | .9 | 4.5 |
| NE | .5 | .2 | .1 | .1 | .0 | | | | | | | 1.1 | 5.5 |
| ENE | .7 | .4 | .2 | .2 | | | | | | | | 1.5 | 5.1 |
| E | 1.2 | 1.3 | .5 | .2 | .0 | | .0 | | | | | 3.3 | 4.9 |
| ESE | 1.8 | 2.6 | .6 | .3 | .0 | | | | | | | 5.3 | 4.7 |
| SE | 3.9 | 6.5 | 1.4 | .5 | .0 | | | | | | | 12.3 | 4.8 |
| SSE | 3.5 | 5.1 | 1.2 | .3 | .0 | | | | | | | 10.2 | 4.6 |
| S | 3.1 | 2.9 | 1.3 | .3 | .0 | .0 | | | | | | 7.6 | 4.8 |
| SSW | 1.2 | 1.4 | 1.3 | 1.1 | .1 | .0 | | | | | | 5.0 | 7.3 |
| SW | 1.5 | 1.3 | 1.8 | 1.4 | .1 | .1 | | | | | | 6.3 | 7.8 |
| WSW | 1.8 | 2.2 | 2.5 | 1.2 | .1 | .0 | | | | | | 7.8 | 6.9 |
| W | 2.2 | 3.5 | 3.7 | 1.0 | .1 | .0 | | | | | | 10.5 | 6.4 |
| WNW | 1.6 | 2.1 | 2.0 | .5 | .0 | | | | | | | 6.2 | 6.0 |
| NW | 1.1 | 2.8 | 2.3 | .7 | .0 | | | | | | | 6.8 | 6.4 |
| NNW | .7 | 1.6 | 1.6 | .5 | .0 | | | | | | | 4.4 | 6.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 8.5 | ////// |
| TOTALS | 26.2 | 35.1 | 21.1 | 8.3 | .6 | .1 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS: 7440



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NNE | .3 | | .1 | | | | | | | | | .4 | 4.3 |
| NE | .1 | | | | | | | | | | | .1 | 2.0 |
| ENE | .7 | .2 | .2 | | | | | | | | | 1.1 | 3.9 |
| E | 1.8 | 2.8 | 1.0 | .1 | | | | | | | | 5.7 | 4.8 |
| ESE | 3.6 | 3.3 | .6 | .3 | | | | | | | | 7.8 | 4.2 |
| SE | 8.1 | 10.6 | 1.3 | 1.0 | | | | | | | | 21.0 | 4.4 |
| SSE | 9.7 | 10.3 | .7 | .2 | | | | | | | | 20.9 | 3.7 |
| S | 7.9 | 6.7 | .3 | | | | | | | | | 14.9 | 3.5 |
| SSW | 3.3 | 1.7 | .2 | .1 | | | | | | | | 5.3 | 3.4 |
| SW | 2.2 | 1.9 | .4 | | | | | | | | | 4.6 | 3.9 |
| WSW | 1.9 | 1.0 | | | | | | | | | | 2.9 | 3.2 |
| W | 1.4 | .6 | .1 | | | | | | | | | 2.1 | 3.4 |
| WNW | .8 | .8 | | | | | | | | | | 1.6 | 3.8 |
| NW | .3 | .1 | | | | | | | | | | .4 | 2.5 |
| NNW | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 10.8 | ////// |
| TOTALS | 42.3 | 40.0 | 5.1 | 1.8 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | .1 | | | | | | | | | | | .1 | 1.0 |
| NE | | .3 | | | | | | | | | | .3 | 4.3 |
| ENE | .3 | .2 | | | | | | | | | | .6 | 2.8 |
| E | 1.7 | 2.4 | .1 | | | | | | | | | 4.2 | 3.8 |
| ESE | 5.1 | 7.6 | 1.3 | .3 | .1 | | | | | | | 14.4 | 4.5 |
| SE | 12.2 | 22.7 | 4.2 | .3 | .1 | | | | | | | 39.6 | 4.5 |
| SSE | 6.3 | 13.9 | 1.8 | | | | | | | | | 22.0 | 4.3 |
| S | 3.8 | 3.0 | .2 | | | | | | | | | 7.0 | 3.3 |
| SSW | .3 | .6 | .3 | | | | | | | | | 1.2 | 4.7 |
| SW | .1 | .4 | | | | | | | | | | .6 | 4.2 |
| WSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .1 | | | | | | | | | | | .1 | 3.0 |
| WNW | | .1 | .1 | | | | | | | | | .2 | 6.0 |
| NW | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| NNW | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 8.9 | ////// |
| TOTALS | 30.7 | 51.9 | 8.1 | .7 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | .1 | | | | | | | | | | | .1 | 2.0 |
| NE | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| ENE | .2 | .1 | .3 | | | | | | | | | .7 | 5.7 |
| E | 1.1 | 1.7 | .3 | .1 | | | | | | | | 3.2 | 4.4 |
| ESE | 2.0 | 3.6 | 2.2 | .6 | .1 | .1 | | | | | | 8.6 | 6.1 |
| SE | 6.1 | 16.9 | 6.4 | 1.1 | | | | | | | | 30.6 | 5.3 |
| SSE | 5.2 | 16.1 | 6.7 | .1 | | | | | | | | 28.1 | 5.1 |
| S | 4.4 | 7.8 | 1.9 | .1 | | | | | | | | 14.2 | 4.5 |
| SSW | .7 | 1.4 | .4 | .3 | | | | | | | | 2.9 | 5.8 |
| SW | .1 | .4 | .1 | | | | | | | | | .7 | 5.0 |
| WSW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| W | .2 | | | | | | | | | | | .2 | 2.0 |
| WNW | .2 | | | | | | | | | | | .2 | 2.0 |
| NW | .2 | .3 | | | | | | | | | | .6 | 3.6 |
| NNW | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 9.0 | ////// |
| TOTALS | 21.3 | 48.6 | 18.6 | 2.3 | .1 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 1.1 | .2 | | | | | | | | | 3.1 | 3.2 |
| NNE | 1.8 | .7 | .1 | | | | | | | | | 2.6 | 2.8 |
| NE | .8 | .6 | .1 | .2 | | | | | | | | 1.7 | 5.0 |
| ENE | .8 | .6 | .3 | .4 | | | | | | | | 2.1 | 5.8 |
| E | 2.6 | 1.3 | .1 | .7 | | | | | | | | 4.7 | 4.5 |
| ESE | 1.7 | 1.4 | .6 | .9 | .3 | | | | | | | 4.9 | 6.9 |
| SE | 2.7 | 1.4 | .8 | 1.2 | .2 | | | | | | | 6.3 | 6.2 |
| SSE | 2.6 | 3.0 | 1.3 | .1 | | | | | | | | 7.0 | 4.5 |
| S | 3.7 | 4.8 | 3.0 | .7 | | | | | | | | 12.1 | 5.3 |
| SSW | 2.6 | 2.1 | 2.0 | .6 | .3 | | | | | | | 7.6 | 6.3 |
| SW | 2.7 | 2.1 | 1.3 | .3 | .1 | | | | | | | 6.6 | 5.3 |
| WSW | 2.2 | 2.0 | 1.1 | .2 | | | | | | | | 5.6 | 4.6 |
| W | 2.7 | 3.1 | .4 | .1 | | | | | | | | 6.3 | 3.9 |
| WNW | 2.0 | 2.2 | .4 | | | | | | | | | 4.7 | 4.1 |
| NW | 2.1 | 2.6 | .6 | .2 | | | | | | | | 5.4 | 4.3 |
| NNW | 1.9 | 1.8 | .7 | .1 | | | | | | | | 4.4 | 4.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 15.0 | ////// |
| TOTALS | 34.3 | 30.8 | 13.1 | 5.8 | 1.0 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.9 | .8 | .2 | | | | | | | | 5.2 | 5.0 |
| NNE | .6 | .9 | .3 | | | | | | | | | 1.8 | 4.5 |
| NE | .8 | .7 | .4 | .1 | | | | | | | | 2.0 | 4.8 |
| ENE | .7 | .6 | .7 | .3 | | | | | | | | 2.2 | 6.4 |
| E | .3 | .7 | .4 | .4 | .2 | | | | | | | 2.1 | 8.6 |
| ESE | .3 | .9 | .4 | 1.0 | .1 | | | | | | | 2.8 | 8.7 |
| SE | .6 | .3 | .4 | .4 | .1 | | | | | | | 1.9 | 7.4 |
| SSE | .6 | .9 | .6 | .1 | .1 | | | | | | | 2.2 | 6.2 |
| S | .9 | 2.7 | 2.4 | 1.0 | .1 | | | | | | | 7.1 | 7.3 |
| SSW | 1.2 | 1.6 | 3.2 | 1.3 | .1 | | | | | | | 7.4 | 7.9 |
| SW | .3 | 2.7 | 4.0 | 1.4 | .3 | | | | | | | 8.8 | 8.6 |
| WSW | .6 | 4.0 | 4.4 | .8 | .2 | | | | | | | 10.0 | 7.3 |
| W | 2.1 | 5.9 | 5.6 | .8 | | | | | | | | 14.3 | 6.3 |
| WNW | 1.3 | 2.6 | 3.7 | 1.2 | | | | | | | | 8.8 | 7.1 |
| NW | 1.2 | 5.4 | 4.0 | .6 | | | | | | | | 11.2 | 6.4 |
| NNW | 1.9 | 3.0 | 3.0 | .4 | .1 | | | | | | | 8.4 | 6.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 3.7 | ////// |
| TOTALS | 14.7 | 35.6 | 34.4 | 10.2 | 1.4 | | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.3 | 1.2 | .8 | | | | | | | | 4.3 | 6.9 |
| NNE | .2 | .7 | .1 | .1 | | | | | | | | 1.1 | 5.3 |
| NE | | .2 | .8 | .1 | | | | | | | | 1.1 | 8.7 |
| ENE | .3 | .1 | 1.0 | .7 | .1 | | | | | | | 2.2 | 9.1 |
| E | .4 | .2 | .7 | .3 | .2 | | | | | | | 1.9 | 8.7 |
| ESE | .2 | .1 | .6 | .4 | | .1 | | | | | | 1.4 | 9.8 |
| SE | .1 | .4 | .8 | .2 | .2 | .2 | | | | | | 1.7 | 9.5 |
| SSE | .1 | .7 | .4 | .3 | .1 | | | | | | | 1.7 | 8.6 |
| S | .2 | .8 | 1.1 | .4 | | | .1 | | | | | 2.7 | 9.0 |
| SSW | .2 | .8 | 1.7 | 1.7 | .4 | | | | | | | 4.8 | 10.3 |
| SW | .2 | 1.3 | 5.8 | 3.2 | .2 | | | | | | | 10.8 | 9.7 |
| WSW | .6 | 2.6 | 6.0 | 4.0 | .6 | | | | | | | 13.7 | 9.3 |
| W | 1.4 | 4.8 | 9.2 | 1.8 | .2 | | | | | | | 17.4 | 7.8 |
| WNW | .4 | 4.6 | 6.1 | 1.2 | | | | | | | | 12.3 | 7.5 |
| NW | .9 | 4.0 | 6.3 | 1.4 | | | | | | | | 12.7 | 7.6 |
| NNW | 1.1 | 2.0 | 3.0 | 2.6 | | | | | | | | 8.7 | 8.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 1.6 | ////// |
| TOTALS | 7.6 | 29.6 | 44.8 | 19.2 | 2.0 | .2 | .1 | | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

*PERIOD OF RECORD:* 75-84
MONTH: JUN HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .7 | .4 | .3 | | | | | | | | 1.9 | 6.7 |
| NNE | .1 | .3 | .3 | | | | | | | | | .8 | 6.3 |
| NE | .2 | .3 | .8 | | | | | | | | | 1.3 | 6.8 |
| ENE | .1 | .7 | 1.0 | .9 | | | .1 | | | | | 2.8 | 9.8 |
| E | .2 | .3 | .8 | .7 | .1 | | .1 | | | | | 2.2 | 10.5 |
| ESE | .2 | .4 | .8 | .3 | .1 | | | | | | | 1.9 | 8.2 |
| SE | .1 | .6 | .3 | .2 | | | | | | | | 1.2 | 7.0 |
| SSE | | .6 | .3 | .3 | .1 | | | | | | | 1.3 | 8.5 |
| S | .2 | .7 | .3 | .3 | .2 | | | | | | | 1.8 | 8.4 |
| SSW | .3 | .9 | 1.2 | .8 | | | | | | | | 3.2 | 8.1 |
| SW | .8 | 1.8 | 3.4 | 1.6 | .1 | | | | | | | 7.7 | 8.2 |
| WSW | .9 | 5.0 | 5.8 | 2.3 | .2 | | | | | | | 14.2 | 7.9 |
| W | 2.9 | 6.5 | 9.0 | 2.0 | | | | | | | | 20.4 | 6.9 |
| WNW | 1.7 | 4.6 | 4.4 | 1.1 | | | | | | | | 11.8 | 6.7 |
| NW | 1.4 | 5.9 | 6.5 | 2.6 | | | | | | | | 16.4 | 7.4 |
| NNW | .3 | 2.7 | 4.7 | 1.9 | | | | | | | | 9.6 | 8.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 1.6 | ////// |
| TOTALS | 10.0 | 31.8 | 40.2 | 15.4 | .9 | | .2 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

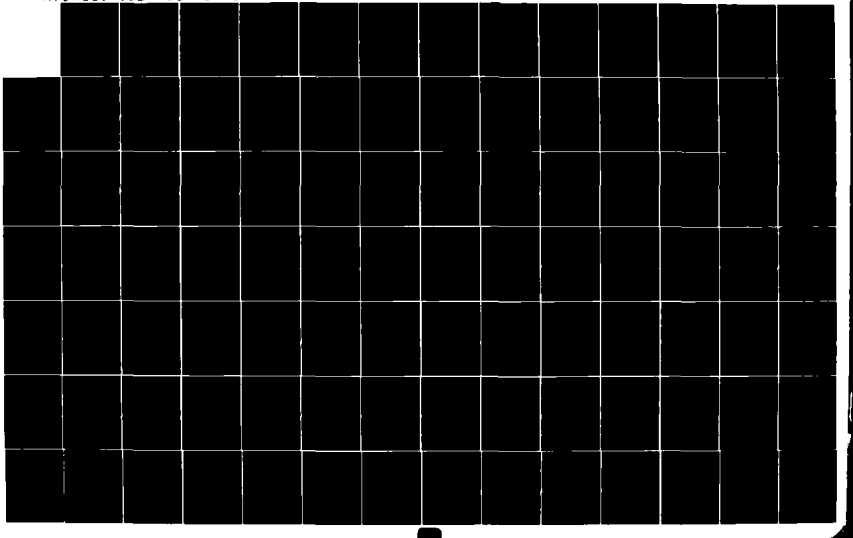
PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 2100-2300

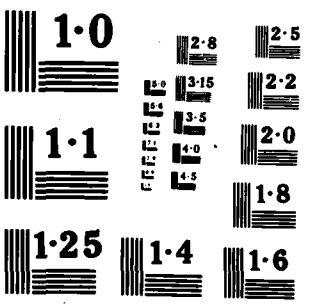
| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .3 | | | | | | | | | | 1.0 | 2.7 |
| NNE | .3 | | | | | | | | | | | .3 | 2.0 |
| NE | .3 | .1 | .1 | .1 | | | | | | | | .7 | 5.5 |
| ENE | .1 | .7 | .4 | .7 | | | | | | | | 1.9 | 8.3 |
| E | .4 | .3 | 2.0 | .6 | | | | | | | | 3.3 | 8.0 |
| ESE | 1.2 | 1.2 | .6 | .4 | | | | | | | | 3.4 | 5.4 |
| SE | 1.0 | 2.4 | .9 | .3 | .1 | | | | | | | 4.8 | 5.8 |
| SSE | 1.8 | 1.4 | | .2 | | | | | | | | 3.4 | 4.0 |
| S | 3.4 | 2.8 | .7 | | .1 | | | | | | | 7.0 | 4.0 |
| SSW | 2.3 | .8 | .4 | | | | | | | | | 3.6 | 3.5 |
| SW | 2.6 | 2.2 | .4 | .1 | | | | | | | | 5.3 | 3.9 |
| WSW | 6.3 | 4.7 | 1.0 | | | | | | | | | 12.0 | 3.7 |
| W | 7.0 | 8.9 | 3.4 | .2 | | | | | | | | 19.6 | 4.5 |
| WNW | 4.8 | 6.0 | 1.1 | .1 | | | | | | | | 12.0 | 4.3 |
| NW | 2.1 | 2.3 | 1.1 | .2 | | | | | | | | 5.8 | 4.9 |
| NNW | .7 | 1.2 | .3 | | | | | | | | | 2.2 | 4.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 13.7 | ////// |
| TOTALS | 35.1 | 35.4 | 12.6 | 3.0 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

AD A159 844 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5
4·0
4·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .8 | .3 | .2 | | | | | | | | 2.0 | 5.2 |
| NNE | .4 | .3 | .1 | .0 | | | | | | | | .9 | 4.0 |
| NE | .3 | .3 | .3 | .1 | | | | | | | | .9 | 5.7 |
| ENE | .4 | .4 | .5 | .4 | .0 | | .0 | | | | | 1.7 | 7.3 |
| E | 1.1 | 1.2 | .7 | .4 | .1 | | .0 | | | | | 3.4 | 6.0 |
| ESE | 1.8 | 2.3 | .9 | .5 | .1 | .0 | | | | | | 5.7 | 5.7 |
| SE | 3.9 | 6.9 | 1.9 | .6 | .1 | .0 | | | | | | 13.4 | 5.0 |
| SSE | 3.3 | 5.9 | 1.5 | .2 | .0 | | | | | | | 10.8 | 4.6 |
| S | 3.1 | 3.6 | 1.3 | .3 | .1 | | .0 | | | | | 8.3 | 4.8 |
| SSW | 1.4 | 1.2 | 1.2 | .6 | .1 | | | | | | | 4.5 | 6.5 |
| SW | 1.1 | 1.6 | 1.9 | .8 | .1 | | | | | | | 5.6 | 7.2 |
| WSW | 1.6 | 2.4 | 2.3 | .9 | .1 | | | | | | | 7.4 | 6.6 |
| W | 2.2 | 3.7 | 3.5 | .6 | .0 | | | | | | | 10.1 | 6.0 |
| WNW | 1.4 | 2.6 | 2.0 | .5 | | | | | | | | 6.4 | 6.0 |
| NW | 1.1 | 2.6 | 2.3 | .6 | | | | | | | | 6.6 | 6.5 |
| NNW | .8 | 1.3 | 1.5 | .6 | .0 | | | | | | | 4.2 | 6.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | .0 | ////// |
| TOTALS | 24.5 | 37.3 | 22.1 | 7.3 | .7 | .0 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .1 | .2 | | | | | | | | | .4 | 5.0 |
| NNE | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| NE | | .1 | .5 | | .1 | | | | | | | .8 | 9.0 |
| ENE | .3 | .5 | .5 | .3 | | | | | | | | 1.7 | 6.6 |
| E | 1.7 | 2.7 | 1.7 | .1 | | | | | | | | 6.2 | 5.1 |
| ESE | 2.3 | 6.0 | 1.8 | .8 | .1 | | | | | | | 11.0 | 5.6 |
| SE | 7.5 | 6.6 | 3.0 | 1.5 | .1 | | | | | | | 18.7 | 5.2 |
| SSE | 9.4 | 7.0 | 1.6 | .8 | .1 | | | | | | | 18.8 | 4.2 |
| S | 7.2 | 6.3 | 1.7 | .2 | | | | | | | | 15.5 | 4.1 |
| SSW | 2.4 | 1.4 | 1.5 | .2 | | | | | | | | 5.5 | 4.9 |
| SW | 1.3 | .6 | .2 | .1 | | | | | | | | 2.3 | 3.9 |
| WSW | .5 | .6 | .1 | .1 | | | | | | | | 1.4 | 4.4 |
| W | 1.2 | .8 | .1 | | | | | | | | | 2.0 | 3.5 |
| WNW | .3 | .2 | .2 | | | | | | | | | .8 | 5.0 |
| NW | .2 | | .2 | .1 | | | | | | | | .5 | 6.8 |
| NNW | .3 | .1 | | | | | | | | | | .4 | 2.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 13.7 | ////// |
| TOTALS | 34.8 | 33.3 | 13.5 | 4.2 | .4 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | .1 | | | | | | | | | .4 | 4.5 |
| NNE | .3 | .2 | | | | | | | | | | .5 | 2.8 |
| NE | .3 | .2 | .1 | | | | | | | | | .6 | 4.5 |
| ENE | .8 | .5 | .3 | | | | | | | | | 1.6 | 4.0 |
| E | 2.2 | 3.2 | 1.4 | .1 | | | | | | | | 6.9 | 5.0 |
| ESE | 4.5 | 6.0 | 2.3 | .4 | | | | | | | | 13.2 | 4.8 |
| SE | 9.0 | 12.8 | 2.7 | .4 | | | | | | | | 24.9 | 4.4 |
| SSE | 9.5 | 11.2 | 2.7 | | | | | | | | | 23.3 | 4.2 |
| S | 4.8 | 4.2 | 1.1 | .1 | | | | | | | | 10.2 | 4.1 |
| SSW | 1.5 | .4 | .1 | | | | | | | | | 2.0 | 3.0 |
| SW | .1 | .1 | .1 | | | | | | | | | .3 | 5.3 |
| WSW | .2 | .4 | | | | | | | | | | .6 | 4.2 |
| W | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| WNW | .1 | | | | | | | | | | | .1 | 3.0 |
| NW | .2 | | | | | | | | | | | .2 | 2.0 |
| NNW | | .1 | | | | | | | | | | .1 | 4.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 14.4 | ////// |
| TOTALS | 33.8 | 39.9 | 10.9 | 1.1 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | .2 | | | | | | | | | | | .2 | 2.5 |
| NE | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| ENE | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.5 |
| E | 1.6 | 1.7 | .3 | .1 | | | | | | | | 3.8 | 4.3 |
| ESE | 1.9 | 4.0 | 2.2 | .3 | | | | | | | | 8.4 | 5.4 |
| SE | 6.1 | 11.7 | 4.5 | .8 | .1 | | | | | | | 23.2 | 5.1 |
| SSE | 7.3 | 12.8 | 3.0 | | .1 | | | | | | | 23.2 | 4.4 |
| S | 7.5 | 7.0 | 3.2 | .2 | | | | | | | | 18.0 | 4.3 |
| SSW | 1.7 | .5 | .3 | | | | | | | | | 2.6 | 3.3 |
| SW | 1.2 | .2 | .2 | | | | | | | | | 1.6 | 2.9 |
| WSW | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| W | .3 | | | | | | | | | | | .3 | 2.3 |
| WNW | | .3 | .2 | | | | | | | | | .5 | 5.2 |
| NW | .1 | | | | | | | | | | | .1 | 3.0 |
| NNW | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 16.1 | ////// |
| TOTALS | 29.1 | 38.7 | 14.4 | 1.4 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.0 | | | | | | | | | | 4.4 | 3.2 |
| NNE | 1.1 | .4 | .1 | | | | | | | | | 1.6 | 3.3 |
| NE | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.2 |
| ENE | 1.3 | 1.1 | .2 | | | | | | | | | 2.6 | 3.5 |
| E | 3.4 | .6 | .2 | | | | | | | | | 4.3 | 2.7 |
| ESE | 1.6 | 2.2 | 1.3 | .5 | | | | | | | | 5.6 | 5.8 |
| SE | 4.1 | 3.2 | 1.0 | 1.1 | | | | | | | | 9.4 | 4.9 |
| SSE | 2.8 | 2.2 | .9 | .3 | | | | | | | | 6.1 | 4.5 |
| S | 4.8 | 4.0 | .8 | .1 | | | | | | | | 9.7 | 3.9 |
| SSW | 1.6 | 2.6 | .2 | | | | | | | | | 4.4 | 4.1 |
| SW | 1.2 | 1.7 | .3 | | | | | | | | | 3.2 | 4.0 |
| WSW | 1.9 | .9 | .1 | | | | | | | | | 2.9 | 3.0 |
| W | 3.1 | 2.3 | .1 | | | | | | | | | 5.5 | 3.1 |
| WNW | 1.7 | 2.8 | .9 | .1 | | | | | | | | 5.5 | 4.6 |
| NW | 3.1 | 3.0 | 1.1 | .2 | | | | | | | | 7.4 | 4.4 |
| NNW | 2.7 | 3.0 | .4 | | | | | | | | | 6.1 | 4.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 19.9 | ////// |
| TOTALS | 37.7 | 32.4 | 7.6 | 2.4 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 3.2 | 1.1 | | | | | | | | | 5.9 | 4.8 |
| NNE | 1.2 | 1.4 | .1 | | | | | | | | | 2.7 | 3.9 |
| NE | 1.2 | .9 | .1 | .1 | | | | | | | | 2.3 | 3.7 |
| ENE | .9 | .5 | .3 | .2 | | | | | | | | 1.9 | 4.9 |
| E | .9 | 1.2 | .3 | .1 | .1 | .1 | | | | | | 2.7 | 6.1 |
| ESE | .8 | .5 | .8 | 1.0 | | | | | | | | 3.0 | 7.7 |
| SE | .8 | 1.1 | 1.6 | .4 | | | | | | | | 3.9 | 6.8 |
| SSE | 1.4 | 1.1 | .2 | .1 | | | | | | | | 2.8 | 4.2 |
| S | 1.0 | 1.5 | 1.2 | .4 | | | | | | | | 4.1 | 6.2 |
| SSW | 1.1 | 1.0 | 1.1 | .2 | | | | | | | | 3.3 | 6.2 |
| SW | .9 | 1.5 | 1.5 | .2 | | | | | | | | 4.1 | 6.3 |
| WSW | 2.3 | 2.4 | 1.7 | .3 | | | | | | | | 6.7 | 5.2 |
| W | 2.9 | 7.0 | 3.8 | .2 | | | | | | | | 13.9 | 5.4 |
| WNW | 2.3 | 5.4 | 3.0 | .6 | | | | | | | | 11.3 | 5.8 |
| NW | 1.5 | 4.1 | 4.4 | .9 | | | | | | | | 10.9 | 6.6 |
| NNW | 2.2 | 7.3 | 2.3 | .4 | | | | | | | | 12.2 | 5.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 8.5 | ////// |
| TOTALS | 22.6 | 40.0 | 23.4 | 5.3 | .1 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 1.0 | 1.8 | .4 | | | | | | | | 4.7 | 6.2 |
| NNE | .4 | .4 | .2 | .2 | | | | | | | | 1.3 | 5.6 |
| NE | .5 | .5 | .4 | .2 | .1 | | | | | | | 1.8 | 6.7 |
| ENE | .4 | .3 | .1 | .2 | .1 | | | | | | | 1.2 | 7.2 |
| E | .4 | .9 | 1.0 | .3 | .2 | | | | | | | 2.8 | 7.6 |
| ESE | | .5 | 1.1 | .4 | .1 | .1 | | | | | | 2.3 | 9.7 |
| SE | .5 | .6 | 1.1 | .4 | .1 | | | | | | | 2.8 | 7.5 |
| SSE | .6 | 1.0 | 1.0 | .6 | .1 | .1 | | | | | | 3.4 | 7.9 |
| S | 1.1 | 1.7 | 1.6 | .9 | .1 | | | | | | | 5.4 | 6.9 |
| SSW | .5 | 1.6 | 1.8 | .6 | .1 | | | | | | | 4.7 | 7.6 |
| SW | .9 | 2.4 | 1.5 | .2 | | | | | | | | 4.9 | 5.9 |
| WSW | 1.6 | 3.2 | 2.9 | 1.2 | .1 | | | | | | | 9.0 | 6.8 |
| W | 2.0 | 4.8 | 5.2 | 1.2 | | | | | | | | 13.2 | 6.7 |
| WNW | 1.1 | 4.3 | 5.1 | 1.4 | | | | | | | | 11.8 | 7.3 |
| NW | .9 | 4.6 | 8.7 | 2.7 | .1 | | | | | | | 17.0 | 8.1 |
| NNW | 1.4 | 2.7 | 4.1 | 2.3 | | | | | | | | 10.4 | 7.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 3.1 | ////// |
| TOTALS | 14.0 | 30.6 | 37.5 | 13.3 | 1.2 | .2 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .9 | .6 | .5 | | | | | | | | 2.6 | 7.1 |
| NNE | .6 | .3 | .8 | .4 | | | .1 | | | | | 2.3 | 8.3 |
| NE | .3 | .6 | .8 | .5 | | .1 | | | | | | 2.4 | 8.5 |
| ENE | .4 | 1.0 | .5 | .6 | .2 | .3 | | | | | | 3.1 | 9.7 |
| E | 1.1 | 1.4 | .9 | .3 | .1 | .1 | | | | | | 3.9 | 6.6 |
| ESE | .6 | 1.1 | .9 | .6 | .4 | | .1 | | | | | 3.8 | 8.9 |
| SE | 1.4 | 1.2 | 1.3 | .8 | | .1 | | | | | | 4.7 | 6.9 |
| SSE | 1.6 | 1.9 | .5 | .8 | .3 | | | | | | | 5.2 | 6.3 |
| S | 1.4 | 2.8 | 2.4 | 1.4 | .1 | | | | | | | 8.1 | 7.0 |
| SSW | .6 | 1.2 | .9 | .9 | | | | | | | | 3.5 | 7.3 |
| SW | 1.1 | .8 | 1.7 | .2 | | | | | | | | 3.8 | 6.0 |
| WSW | 1.2 | 2.6 | 2.3 | .4 | | | | | | | | 6.5 | 6.2 |
| W | 1.7 | 2.7 | 5.5 | .5 | | | | | | | | 10.4 | 6.8 |
| WNW | 1.9 | 3.9 | 4.5 | .9 | | | | | | | | 11.2 | 6.6 |
| NW | 1.2 | 3.5 | 8.1 | 3.4 | | | | | | | | 16.2 | 8.3 |
| NNW | .9 | 1.0 | 2.4 | 1.4 | | | | | | | | 5.6 | 8.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 6.9 | ////// |
| TOTALS | 16.7 | 26.8 | 33.9 | 13.8 | 1.2 | .6 | .2 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .6 | .4 | | .1 | | | | | | | 1.3 | 7.3 |
| NNE | .2 | .2 | | .2 | | | | | | | | .6 | 6.8 |
| NE | | .3 | .9 | .4 | | | | | | | | 1.6 | 9.3 |
| ENE | 1.3 | .8 | 1.1 | .8 | | .1 | | | | | | 4.0 | 7.2 |
| E | 1.5 | 2.4 | 1.2 | .2 | .3 | | | | | | | 5.6 | 6.1 |
| ESE | 1.2 | 2.2 | 1.7 | 1.3 | .2 | .1 | | | | | | 6.7 | 7.8 |
| SE | 3.2 | 3.5 | 2.0 | 1.7 | .6 | | | | | | | 11.2 | 6.8 |
| SSE | 2.4 | 3.9 | 2.3 | .3 | | .1 | | | | | | 8.9 | 5.6 |
| S | 5.5 | 4.2 | 2.9 | .2 | | | | | | | | 12.8 | 4.5 |
| SSW | 2.0 | 1.1 | .8 | 1.1 | | | | | | | | 4.9 | 5.9 |
| SW | 2.2 | 1.3 | .2 | | | | | | | | | 3.7 | 3.4 |
| WSW | 2.4 | 1.6 | .2 | | | | | | | | | 4.2 | 3.3 |
| W | 4.2 | 2.7 | 1.6 | .1 | | | | | | | | 8.6 | 4.1 |
| WNW | 3.4 | 2.9 | .8 | | | | | | | | | 7.1 | 3.8 |
| NW | 1.6 | 2.2 | .3 | .5 | | | | | | | | 4.6 | 4.9 |
| NNW | | .3 | | .2 | | | | | | | | .5 | 8.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 13.7 | ////// |
| TOTALS | 31.2 | 30.1 | 16.3 | 7.1 | 1.3 | .3 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.0 | .5 | .1 | .0 | | | | | | | 2.5 | 5.2 |
| NNE | .5 | .4 | .1 | .1 | | | .0 | | | | | 1.2 | 5.2 |
| NE | .4 | .4 | .4 | .2 | .0 | .0 | | | | | | 1.4 | 6.4 |
| ENE | .7 | .6 | .4 | .3 | .0 | .1 | | | | | | 2.2 | 6.3 |
| E | 1.6 | 1.8 | .9 | .2 | .1 | .0 | | | | | | 4.5 | 5.3 |
| ESE | 1.6 | 2.8 | 1.5 | .7 | .1 | .0 | .0 | | | | | 6.7 | 6.2 |
| SE | 4.1 | 5.1 | 2.2 | .9 | .1 | .0 | | | | | | 12.4 | 5.3 |
| SSE | 4.4 | 5.1 | 1.5 | .4 | .1 | .0 | | | | | | 11.5 | 4.7 |
| S | 4.2 | 4.0 | 1.9 | .4 | .0 | | | | | | | 10.5 | 4.8 |
| SSW | 1.4 | 1.2 | .8 | .4 | .0 | | | | | | | 3.9 | 5.5 |
| SW | 1.1 | 1.1 | .7 | .1 | | | | | | | | 3.0 | 5.0 |
| WSW | 1.3 | 1.5 | .9 | .3 | .0 | | | | | | | 4.0 | 5.3 |
| W | 1.9 | 2.6 | 2.0 | .3 | | | | | | | | 6.8 | 5.5 |
| WNW | 1.4 | 2.5 | 1.8 | .4 | | | | | | | | 6.0 | 5.9 |
| NW | 1.1 | 2.2 | 2.8 | 1.0 | .0 | | | | | | | 7.1 | 7.1 |
| NNW | .9 | 1.8 | 1.1 | .5 | | | | | | | | 4.4 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 12.0 | ////// |
| TOTALS | 27.5 | 34.0 | 19.7 | 6.1 | .6 | .2 | .0 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .3 | | | | | | | | | | .3 | 5.0 |
| NNE | .1 | .2 | .1 | | | | | | | | | .4 | 4.8 |
| NE | .1 | .5 | .1 | | | | | | | | | .8 | 5.6 |
| ENE | .4 | .5 | .3 | | | | | | | | | 1.3 | 4.8 |
| E | 2.0 | 2.8 | .5 | .5 | | | | | | | | 5.9 | 4.9 |
| ESE | 3.1 | 4.0 | 2.7 | .5 | .2 | | | | | | | 10.5 | 5.8 |
| SE | 8.2 | 9.2 | 2.9 | 1.1 | .4 | .1 | | | | | | 21.9 | 5.0 |
| SSE | 7.5 | 9.2 | 2.0 | .2 | .2 | | | | | | | 19.2 | 4.4 |
| S | 8.2 | 7.0 | 2.2 | .2 | | | | | | | | 17.5 | 4.0 |
| SSW | 1.9 | .6 | .3 | .2 | | | | | | | | 3.1 | 4.1 |
| SW | .9 | .2 | .2 | | | | | | | | | 1.3 | 3.8 |
| WSW | 1.1 | .2 | .1 | | | | | | | | | 1.4 | 2.8 |
| W | 1.2 | .1 | | | | | | | | | | 1.3 | 2.4 |
| WNW | .1 | | | | | | | | | | | .1 | 3.0 |
| NW | | .4 | | .1 | | | | | | | | .5 | 5.6 |
| NNW | .1 | | .1 | | .1 | | | | | | | .3 | 9.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 14.0 | ////// |
| TOTALS | 34.9 | 35.5 | 11.6 | 2.9 | 1.0 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | | | | | | | | | | | .3 | 2.3 |
| NNE | | .3 | | | | | | | | | | .3 | 5.0 |
| NE | .3 | .1 | | | | | | | | | | .4 | 2.8 |
| ENE | .5 | .6 | .5 | | | | | | | | | 1.7 | 5.3 |
| E | 1.6 | 2.8 | .6 | .3 | | | | | | | | 5.4 | 4.8 |
| ESE | 3.9 | 4.2 | 1.9 | .6 | .1 | | | | | | | 10.8 | 5.2 |
| SE | 10.5 | 15.4 | 4.0 | .6 | | | | | | | | 30.5 | 4.5 |
| SSE | 9.7 | 12.5 | 2.6 | .2 | | | | | | | | 24.9 | 4.2 |
| S | 3.8 | 3.3 | 1.1 | .2 | | | | | | | | 8.4 | 4.3 |
| SSW | .5 | .1 | .1 | .3 | | | | | | | | 1.1 | 6.5 |
| SW | .2 | .1 | .1 | | | | | | | | | .4 | 4.0 |
| WSW | .4 | | | | | | | | | | | .4 | 1.8 |
| W | .2 | | | | | | | | | | | .2 | 2.0 |
| WNW | .1 | | | | | | | | | | | .1 | 1.0 |
| NW | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| NNW | .4 | | | | | | | | | | | .4 | 1.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 14.3 | ////// |
| TOTALS | 32.7 | 39.5 | 11.1 | 2.4 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | | | | | | | | | | | .1 | 3.0 |
| NNE | .1 | | | | | | | | | | | .1 | 2.0 |
| NE | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| ENE | .5 | .3 | .2 | | | | | | | | | 1.1 | 4.5 |
| E | 1.7 | 1.3 | .6 | .1 | | | | | | | | 3.8 | 4.4 |
| ESE | 3.2 | 4.3 | 2.8 | .4 | | | | | | | | 10.8 | 5.4 |
| SE | 8.6 | 14.6 | 6.0 | .5 | | | | | | | | 29.8 | 5.0 |
| SSE | 7.7 | 14.3 | 4.2 | .1 | | | | | | | | 26.3 | 4.7 |
| S | 4.1 | 5.2 | 1.8 | | | | | | | | | 11.1 | 4.3 |
| SSW | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 2.8 |
| SW | .4 | | | | | | | | | | | .4 | 2.0 |
| WSW | .2 | | | | | | | | | | | .2 | 2.0 |
| W | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| WNW | .2 | .2 | .1 | | | | | | | | | .5 | 4.6 |
| NW | .1 | | | | | | | | | | | .1 | 2.0 |
| NNW | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 14.0 | ////// |
| TOTALS | 28.3 | 40.5 | 16.0 | 1.2 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | .8 | | | | | | | | | | 2.7 | 2.8 |
| NNE | .8 | .9 | .1 | | | | | | | | | 1.3 | 3.4 |
| NE | 1.5 | .5 | .1 | | | | | | | | | 2.2 | 3.0 |
| ENE | 1.9 | .9 | .2 | .3 | | | | | | | | 2.9 | 4.5 |
| E | 2.9 | 1.5 | .3 | .2 | | | | | | | | 4.9 | 4.0 |
| ESE | 2.7 | 2.6 | 2.0 | 1.6 | | | | | | | | 8.9 | 6.3 |
| SE | 3.9 | 3.8 | 2.8 | 1.3 | .1 | | | | | | | 11.8 | 5.9 |
| SSE | 5.2 | 4.1 | 1.8 | .3 | | | | | | | | 11.4 | 4.3 |
| S | 4.2 | 4.8 | 1.2 | | | | | | | | | 10.2 | 4.3 |
| SSW | 1.2 | 1.9 | .3 | | | | | | | | | 2.9 | 4.0 |
| SW | 1.2 | .5 | .4 | | | | | | | | | 2.2 | 3.9 |
| WSW | 1.7 | 1.2 | | | | | | | | | | 2.9 | 3.1 |
| W | 2.2 | 1.7 | .2 | | | | | | | | | 4.1 | 3.3 |
| WNW | 1.6 | .9 | .3 | | | | | | | | | 2.8 | 3.8 |
| NW | 1.7 | 1.2 | .2 | | | | | | | | | 3.1 | 3.6 |
| NNW | 1.9 | 1.3 | .2 | | | | | | | | | 2.9 | 3.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 23.3 | ////// |
| TOTALS | 35.9 | 27.1 | 10.3 | 3.8 | .1 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.2 | 1.0 | | | | | | | | | 6.3 | 4.0 |
| NNE | .9 | 1.5 | | | | | | | | | | 2.4 | 3.8 |
| NE | .8 | 1.1 | .3 | | | | | | | | | 2.2 | 4.3 |
| ENE | .9 | 1.1 | .3 | .1 | | | | | | | | 2.4 | 4.9 |
| E | .5 | 1.1 | .9 | .2 | | | | | | | | 2.7 | 6.1 |
| ESE | .8 | 1.4 | 1.3 | .1 | | | | | | | | 3.5 | 6.2 |
| SE | .5 | 1.5 | 1.2 | .3 | .1 | | | | | | | 3.7 | 6.8 |
| SSE | .9 | 1.7 | .8 | .4 | | | | | | | | 3.8 | 5.8 |
| S | 1.9 | 2.6 | .8 | .2 | | | | | | | | 5.5 | 4.7 |
| SSW | 1.1 | 1.6 | 1.0 | .2 | | | | | | | | 3.9 | 5.4 |
| SW | 1.9 | 1.5 | .9 | .3 | | | | | | | | 4.6 | 5.1 |
| WSW | 2.0 | 3.0 | .9 | .2 | | | | | | | | 6.1 | 4.8 |
| W | 3.3 | 4.6 | 1.8 | .2 | | | | | | | | 10.0 | 4.8 |
| WNW | 2.7 | 3.8 | 1.9 | .1 | | | | | | | | 8.5 | 4.9 |
| NW | 3.8 | 4.2 | 3.0 | .4 | | | | | | | | 11.4 | 5.0 |
| NNW | 2.0 | 4.0 | 1.7 | .3 | | | | | | | | 8.1 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 15.1 | ////// |
| TOTALS | 27.2 | 36.8 | 17.6 | 3.2 | .1 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.5 | 1.2 | | | | | | | | | 5.2 | 5.0 |
| NNE | .5 | 1.0 | .4 | .3 | .1 | | | | | | | 2.4 | 6.5 |
| NE | .9 | .5 | .6 | .3 | | | | | | | | 2.4 | 5.9 |
| ENE | 1.0 | .2 | 1.3 | .3 | | | | | | | | 2.8 | 6.6 |
| E | .8 | 1.6 | 1.0 | .4 | .1 | | | | | | | 3.9 | 6.5 |
| ESE | .9 | 1.3 | .6 | .5 | .1 | .1 | | | | | | 3.5 | 7.1 |
| SE | .3 | .9 | .8 | .5 | .1 | | | | | | | 2.6 | 8.3 |
| SSE | .9 | .6 | .6 | .3 | | .1 | | | | | | 2.6 | 6.8 |
| S | 1.0 | .9 | 1.4 | .9 | .2 | | | | | | | 4.3 | 7.9 |
| SSW | .5 | 1.3 | .8 | .3 | | | | | | | | 2.9 | 6.4 |
| SW | 1.0 | 1.8 | 2.0 | .3 | | | | | | | | 5.2 | 6.3 |
| WSW | 2.8 | 3.8 | 1.8 | .8 | | | | | | | | 9.1 | 5.4 |
| W | 1.8 | 5.8 | 4.6 | 1.1 | | | | | | | | 13.3 | 6.5 |
| WNW | 1.3 | 5.3 | 2.9 | .8 | | | | | | | | 10.2 | 6.3 |
| NW | 1.6 | 4.1 | 5.3 | 1.2 | .1 | | | | | | | 12.3 | 7.1 |
| NNW | 2.3 | 3.1 | 3.0 | 1.4 | | | | | | | | 9.8 | 6.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 7.6 | ////// |
| TOTALS | 18.9 | 34.6 | 28.4 | 9.5 | .8 | .2 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .6 | 1.1 | .1 | | | | | | | | 2.5 | 6.1 |
| NNE | .3 | .8 | .3 | .1 | | .2 | | | | | | 1.7 | 8.4 |
| NE | .4 | 1.1 | .8 | .1 | | | | | | | | 2.4 | 5.5 |
| ENE | 1.5 | 1.4 | 1.0 | .3 | | | | | | | | 4.2 | 5.6 |
| E | .9 | 1.3 | 1.2 | .5 | | | | | | | | 3.9 | 6.6 |
| ESE | 1.4 | 1.7 | 1.1 | .4 | | .1 | | | | | | 4.7 | 6.1 |
| SE | 1.1 | 1.9 | .9 | .6 | .1 | .1 | | | | | | 4.7 | 7.0 |
| SSE | 1.4 | 2.6 | 1.0 | .8 | .2 | | | | | | | 5.9 | 6.3 |
| S | 1.2 | 2.9 | 1.4 | .2 | .3 | | | | | | | 6.0 | 6.2 |
| SSW | .6 | 1.3 | .9 | .3 | | | | | | | | 3.1 | 6.0 |
| SW | 1.1 | 1.3 | 1.5 | .2 | | | | | | | | 4.1 | 5.7 |
| WSW | 1.5 | 1.4 | 1.2 | .4 | .1 | | | | | | | 4.6 | 5.7 |
| W | 3.1 | 3.9 | 3.5 | .3 | | | | | | | | 10.9 | 5.4 |
| WNW | 3.9 | 4.0 | 2.8 | .1 | | | | | | | | 10.8 | 4.8 |
| NW | 2.7 | 5.7 | 5.4 | 1.3 | | | | | | | | 15.1 | 6.4 |
| NNW | 2.0 | 2.8 | 2.9 | .5 | | | | | | | | 8.3 | 6.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 7.2 | ////// |
| TOTALS | 23.8 | 34.6 | 26.8 | 6.5 | .8 | .4 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .5 | | | | | | | | | | .9 | 3.9 |
| NNE | .3 | .4 | | | | | | | | | | .8 | 4.0 |
| NE | .9 | .8 | .3 | .1 | .1 | | | | | | | 2.2 | 5.5 |
| ENE | .8 | .8 | .5 | .2 | .1 | | | | | | | 2.4 | 6.0 |
| E | 1.7 | 2.8 | 1.6 | .6 | | | | | | | | 6.8 | 5.8 |
| ESE | 1.5 | 2.2 | 2.2 | 1.0 | | | | | | | | 6.8 | 6.7 |
| SE | 3.0 | 4.2 | 2.6 | .9 | .2 | .1 | | | | | | 11.0 | 6.2 |
| SSE | 3.9 | 4.5 | 2.0 | .4 | | | | | | | | 10.9 | 4.9 |
| S | 5.5 | 5.6 | 2.4 | | | | | | | | | 13.4 | 4.3 |
| SSW | 1.6 | 1.5 | .9 | .1 | | | | | | | | 4.1 | 4.7 |
| SW | 1.7 | 1.3 | .1 | .2 | | | | | | | | 3.3 | 4.1 |
| WSW | 2.9 | 1.8 | .2 | .1 | | | | | | | | 5.1 | 3.4 |
| W | 3.8 | 2.2 | .5 | | | | | | | | | 6.5 | 3.5 |
| WNW | 2.4 | 2.4 | .1 | .1 | | | | | | | | 4.9 | 3.6 |
| NW | 1.2 | 1.7 | .3 | | | | | | | | | 3.2 | 4.0 |
| NNW | .4 | .4 | .1 | | | | | | | | | 1.0 | 4.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 17.0 | ////// |
| TOTALS | 31.8 | 33.0 | 13.9 | 3.8 | .4 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .9 | .4 | .0 | | | | | | | | 2.3 | 4.3 |
| NNE | .4 | .6 | .1 | .1 | .0 | .0 | | | | | | 1.2 | 5.3 |
| NE | .6 | .6 | .3 | .1 | .0 | | | | | | | 1.6 | 4.8 |
| ENE | .9 | .7 | .6 | .2 | .0 | | | | | | | 2.3 | 5.4 |
| E | 1.5 | 1.9 | .8 | .4 | .0 | | | | | | | 4.6 | 5.3 |
| ESE | 2.2 | 2.7 | 1.8 | .7 | .1 | .0 | | | | | | 7.4 | 5.9 |
| SE | 4.5 | 6.4 | 2.6 | .7 | .1 | .0 | | | | | | 14.5 | 5.3 |
| SSE | 4.6 | 6.2 | 1.9 | .3 | .1 | .0 | | | | | | 13.1 | 4.7 |
| S | 3.7 | 4.0 | 1.5 | .2 | .1 | | | | | | | 9.6 | 4.6 |
| SSW | 1.1 | 1.0 | .5 | .2 | | | | | | | | 2.8 | 5.0 |
| SW | 1.0 | .8 | .7 | .1 | | | | | | | | 2.7 | 5.1 |
| WSW | 1.6 | 1.4 | .5 | .2 | .0 | | | | | | | 3.7 | 4.6 |
| W | 2.0 | 2.3 | 1.3 | .2 | | | | | | | | 5.8 | 5.1 |
| WNW | 1.5 | 2.1 | 1.0 | .1 | | | | | | | | 4.7 | 5.0 |
| NW | 1.4 | 2.2 | 1.8 | .4 | .0 | | | | | | | 5.7 | 5.8 |
| NNW | 1.1 | 1.5 | 1.0 | .3 | .0 | | | | | | | 3.8 | 5.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 14.1 | ////// |
| TOTALS | 29.1 | 35.2 | 17.0 | 4.1 | .4 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .1 | | | | | | | | | | .1 | 5.0 |
| NNE | .3 | | .1 | | | | | | | | | .4 | 3.8 |
| NE | .1 | | .1 | | | | | | | | | .2 | 6.0 |
| ENE | .3 | 1.3 | 1.3 | .2 | .1 | | | | | | | 3.3 | 6.7 |
| E | 2.6 | 3.3 | 2.4 | .8 | | | | | | | | 9.1 | 5.8 |
| ESE | 3.0 | 5.7 | 3.4 | 1.4 | .1 | | | | | | | 13.7 | 6.1 |
| SE | 9.2 | 11.0 | 5.1 | 1.3 | .1 | | | | | | | 26.8 | 5.1 |
| SSE | 7.8 | 10.6 | .9 | .1 | .1 | | | | | | | 19.5 | 4.0 |
| S | 6.3 | 3.6 | .2 | .1 | | | | | | | | 10.2 | 3.3 |
| SSW | 1.4 | .2 | .1 | | | | | | | | | 1.8 | 2.9 |
| SW | .7 | .3 | | | | | | | | | | 1.0 | 3.2 |
| WSW | .4 | .4 | | .1 | | | | | | | | 1.0 | 4.3 |
| W | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| WNW | .2 | .2 | | | | | | | | | | .4 | 3.3 |
| NW | | | | | | | | | | | | | |
| NNW | | .2 | .1 | | | | | | | | | .3 | 6.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 11.6 | ////// |
| TOTALS | 32.8 | 37.2 | 13.9 | 4.1 | .4 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 899



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | .1 | | | | | | | | | | | .1 | 2.0 |
| NE | .2 | .1 | .2 | .1 | .1 | | | | | | | .8 | 8.6 |
| ENE | .7 | .4 | .7 | .2 | | | | | | | | 2.0 | 5.7 |
| E | 2.2 | 4.2 | 1.6 | .3 | .2 | | | | | | | 8.6 | 5.4 |
| ESE | 3.4 | 7.1 | 3.9 | 1.3 | .7 | | | | | | | 16.4 | 6.4 |
| SE | 8.1 | 15.6 | 6.3 | .9 | .1 | | | | | | | 31.0 | 5.0 |
| SSE | 7.9 | 9.1 | 1.3 | .1 | | | | | | | | 18.4 | 3.8 |
| S | 3.8 | 4.1 | .4 | | | | | | | | | 8.3 | 3.7 |
| SSW | .6 | .4 | | .1 | | | | | | | | 1.1 | 4.4 |
| SW | .3 | .1 | | | | | | | | | | .4 | 3.0 |
| WSW | | .2 | | | | | | | | | | .2 | 4.5 |
| W | | .1 | | | | | | | | | | .1 | 4.0 |
| WNW | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| NW | | .2 | | | | | | | | | | .2 | 4.0 |
| NNW | .1 | | | | | | | | | | | .1 | 2.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 11.9 | ////// |
| TOTALS | 27.6 | 41.8 | 14.6 | 3.1 | 1.1 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | | .1 | | | | | | | | | | .1 | 5.0 |
| NE | .2 | | .1 | | | | | | | | | .3 | 3.3 |
| ENE | .1 | .3 | .8 | | | | | | | | | 1.2 | 6.9 |
| E | 1.6 | 3.2 | 1.9 | .6 | | | | | | | | 7.2 | 5.8 |
| ESE | 3.0 | 5.3 | 3.6 | .8 | .7 | | | | | | | 13.3 | 6.6 |
| SE | 6.9 | 15.6 | 5.7 | 1.3 | .3 | .1 | | | | | | 29.9 | 5.5 |
| SSE | 7.4 | 12.4 | 4.8 | .7 | | | | | | | | 25.3 | 4.9 |
| S | 3.6 | 5.0 | 1.0 | .1 | | | | | | | | 9.7 | 4.3 |
| SSW | .6 | .2 | .1 | | | | | | | | | .9 | 3.3 |
| SW | .1 | .2 | .1 | | | | | | | | | .4 | 5.3 |
| WSW | .2 | .1 | .1 | | | | | | | | | .4 | 4.8 |
| W | | | | | | | | | | | | | |
| WNW | | | .1 | | | | | | | | | .1 | 9.0 |
| NW | | | .1 | | | | | | | | | .1 | 10.0 |
| NNW | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.9 | ////// |
| TOTALS | 23.7 | 42.6 | 18.3 | 3.4 | 1.0 | .1 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .3 | | | | | | | | | | .9 | 3.0 |
| NNE | .3 | .2 | | | | | | | | | | .6 | 3.2 |
| NE | .8 | .1 | | .1 | | | | | | | | 1.0 | 3.9 |
| ENE | 1.1 | .9 | .9 | .7 | | | | | | | | 3.6 | 6.3 |
| E | 2.7 | 1.8 | 1.6 | .7 | .4 | | | | | | | 7.1 | 6.3 |
| ESE | 2.1 | 2.7 | 3.0 | 3.3 | .4 | .2 | | | | | | 11.8 | 8.8 |
| SE | 3.1 | 4.1 | 3.0 | 3.3 | 1.1 | | | | | | | 14.7 | 8.1 |
| SSE | 3.7 | 5.9 | 1.9 | .7 | | | | | | | | 12.1 | 5.1 |
| S | 5.2 | 4.9 | 1.0 | | | | | | | | | 11.1 | 4.0 |
| SSW | .9 | 1.3 | .7 | .2 | | | | | | | | 3.1 | 5.0 |
| SW | 1.7 | 1.2 | .1 | .2 | | | | | | | | 3.2 | 4.2 |
| WSW | 1.9 | .8 | .2 | | | | | | | | | 2.9 | 3.5 |
| W | 1.2 | .8 | .2 | | | | | | | | | 2.2 | 3.7 |
| WNW | 1.0 | .7 | .3 | | | | | | | | | 2.0 | 4.1 |
| NW | 1.1 | .6 | .2 | .1 | | | | | | | | 2.0 | 3.9 |
| NNW | 1.1 | .4 | | | | | | | | | | 1.6 | 3.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 20.2 | ////// |
| TOTALS | 28.4 | 26.7 | 13.1 | 9.3 | 2.0 | .2 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 1.9 | .2 | | | | | | | | | 5.1 | 3.3 |
| NNE | .7 | .8 | | .1 | | | | | | | | 1.6 | 4.3 |
| NE | .9 | .4 | .4 | .2 | | | | | | | | 2.0 | 5.1 |
| ENE | .8 | 1.6 | .7 | .9 | | | | | | | | 3.9 | 6.7 |
| E | .9 | .9 | 1.4 | 1.0 | .1 | | | | | | | 4.3 | 7.6 |
| ESE | .7 | 1.7 | 2.6 | 1.8 | .9 | .2 | | | | | | 7.8 | 10.0 |
| SE | 1.2 | 1.2 | 3.2 | 2.3 | .7 | | | | | | | 8.7 | 9.3 |
| SSE | 1.0 | 1.7 | 1.7 | .2 | | | | | | | | 4.6 | 6.1 |
| S | 1.4 | 1.4 | .6 | .2 | .1 | | | | | | | 3.8 | 5.3 |
| SSW | 1.4 | 1.6 | .4 | .3 | | | | | | | | 3.8 | 5.0 |
| SW | 1.1 | 1.1 | 1.7 | .9 | | | | | | | | 4.8 | 7.1 |
| WSW | 2.2 | 2.1 | 1.6 | .7 | | | | | | | | 6.6 | 5.7 |
| W | 2.3 | 4.2 | 2.8 | .3 | | | | | | | | 9.7 | 5.6 |
| WNW | 2.3 | 3.3 | 1.8 | .1 | | | | | | | | 7.6 | 5.1 |
| NW | 2.3 | 3.7 | 3.6 | .4 | | | | | | | | 10.0 | 5.9 |
| NNW | 2.6 | 2.2 | 1.3 | | | | | | | | | 6.1 | 4.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 9.9 | ////// |
| TOTALS | 29.9 | 29.8 | 23.9 | 9.6 | 1.8 | .2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.0 | .7 | | | | | | | | | 3.2 | 5.2 |
| NNE | .2 | .8 | .2 | .1 | | | | | | | | 1.3 | 5.5 |
| NE | .4 | .9 | 1.0 | .8 | .1 | | | | | | | 3.2 | 8.5 |
| ENE | .7 | 1.7 | 1.1 | 1.2 | | | | | | | | 4.7 | 7.9 |
| E | 1.1 | 1.4 | 2.1 | 1.4 | | | | | | | | 6.1 | 7.5 |
| ESE | .6 | 1.1 | 2.3 | 1.4 | .2 | | .1 | | | | | 5.8 | 9.3 |
| SE | .7 | .8 | 1.4 | 1.8 | .2 | .2 | | | | | | 5.1 | 10.0 |
| SSE | .8 | .3 | .9 | .4 | | | | | | | | 2.4 | 7.2 |
| S | .7 | 1.1 | .9 | .4 | | | | | | | | 3.1 | 6.6 |
| SSW | .6 | 1.7 | 1.2 | .7 | .1 | | | | | | | 4.2 | 7.3 |
| SW | .8 | 1.2 | 1.8 | .6 | | | | | | | | 4.3 | 6.9 |
| WSW | 1.4 | 2.6 | 2.7 | 1.3 | | | | | | | | 8.0 | 7.3 |
| W | 2.3 | 4.4 | 3.3 | 1.0 | | | | | | | | 11.1 | 6.2 |
| WNW | 2.1 | 4.7 | 3.3 | 1.0 | .2 | | | | | | | 11.3 | 6.6 |
| NW | 2.0 | 3.4 | 4.1 | 1.3 | | | | | | | | 10.9 | 6.7 |
| NNW | 1.4 | 3.4 | 3.2 | .6 | | | | | | | | 8.7 | 6.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 6.4 | ////// |
| TOTALS | 16.3 | 31.6 | 30.3 | 14.1 | .9 | .2 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .7 | .4 | | | | | | | | | 2.1 | 4.5 |
| NNE | .4 | .1 | .4 | .2 | .1 | | | | | | | 1.3 | 7.9 |
| NE | .7 | 1.1 | .3 | .4 | .1 | | | | | | | 2.7 | 6.9 |
| ENE | .9 | 1.9 | 1.6 | 1.2 | .1 | .1 | | | | | | 5.8 | 8.0 |
| E | 1.8 | 2.8 | 3.1 | .6 | .1 | | | | | | | 8.3 | 6.5 |
| ESE | 1.2 | .8 | 2.1 | .9 | .2 | | | | | | | 5.2 | 8.2 |
| SE | .9 | 1.8 | 1.3 | 1.2 | .1 | .1 | .1 | | | | | 5.6 | 8.5 |
| SSE | 1.0 | .8 | 1.3 | .2 | .1 | .2 | | | | | | 3.7 | 7.2 |
| S | 1.7 | 1.2 | 1.3 | .9 | .1 | | | | | | | 5.2 | 6.6 |
| SSW | .8 | .9 | .6 | .1 | .1 | | | | | | | 2.4 | 6.0 |
| SW | 1.6 | .6 | 1.0 | .2 | | .1 | | | | | | 3.4 | 5.8 |
| WSW | 1.9 | 1.9 | .9 | .6 | | | | | | | | 5.2 | 5.1 |
| W | 3.1 | 3.0 | 3.2 | .2 | | | | | | | | 9.6 | 5.3 |
| WNW | 4.1 | 4.8 | 3.2 | .3 | | | | | | | | 12.4 | 5.2 |
| NW | 2.4 | 4.7 | 3.7 | .6 | | | | | | | | 11.3 | 5.7 |
| NNW | 1.3 | 1.8 | 1.7 | .3 | | | | | | | | 5.1 | 5.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 10.6 | ////// |
| TOTALS | 24.8 | 28.7 | 26.2 | 8.0 | 1.1 | .6 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH USAFETAC AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | | .3 | | | | | | | | | .6 | 6.0 |
| NNE | .3 | .1 | .2 | | | | | | | | | .7 | 4.7 |
| NE | .1 | .2 | .1 | | | | | | | | | .4 | 4.5 |
| ENE | .9 | 1.2 | 1.6 | .2 | | | .1 | | | | | 4.0 | 7.0 |
| E | 2.1 | 3.6 | 2.9 | .8 | .3 | | | | | | | 9.7 | 6.5 |
| ESE | 1.9 | 3.0 | 2.9 | 2.0 | .1 | | | | | | | 9.9 | 7.2 |
| SE | 4.9 | 4.4 | 3.1 | 1.6 | .1 | | | | | | | 14.1 | 5.8 |
| SSE | 5.1 | 4.8 | .7 | .2 | | | | | | | | 10.8 | 4.0 |
| S | 6.1 | 4.1 | 1.1 | | | | | | | | | 11.3 | 3.7 |
| SSW | 2.3 | 1.2 | .3 | .1 | | .1 | | | | | | 4.1 | 4.6 |
| SW | 1.3 | .9 | .2 | | | | | | | | | 2.4 | 3.6 |
| WSW | 2.3 | .9 | .4 | | | | | | | | | 3.7 | 3.6 |
| W | 2.7 | 2.9 | .6 | .1 | | | | | | | | 6.2 | 3.9 |
| WNW | 1.8 | 2.0 | .8 | .1 | | | | | | | | 4.7 | 4.3 |
| NW | .7 | .9 | .7 | | | | | | | | | 2.2 | 5.1 |
| NNW | .2 | .1 | .1 | .1 | | | | | | | | .6 | 6.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 14.7 | ////// |
| TOTALS | 33.0 | 30.3 | 16.0 | 5.2 | .6 | .1 | .1 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | .6 | .2 | | | | | | | | | 1.5 | 4.1 |
| NNE | .3 | .3 | .1 | .1 | .0 | | | | | | | .8 | 5.2 |
| NE | .4 | .4 | .3 | .2 | .0 | | | | | | | 1.3 | 6.7 |
| ENE | .7 | 1.2 | 1.1 | .6 | .0 | .0 | .0 | | | | | 3.6 | 7.1 |
| E | 1.9 | 2.7 | 2.1 | .8 | .2 | | | | | | | 7.6 | 6.3 |
| ESE | 2.0 | 3.4 | 3.0 | 1.6 | .4 | .1 | .0 | | | | | 10.5 | 7.5 |
| SE | 4.4 | 6.8 | 3.7 | 1.7 | .3 | .1 | .0 | | | | | 17.0 | 6.2 |
| SSE | 4.3 | 5.7 | 1.7 | .3 | .0 | .0 | | | | | | 12.1 | 4.6 |
| S | 3.6 | 3.2 | .8 | .2 | .0 | | | | | | | 7.8 | 4.3 |
| SSW | 1.1 | .9 | .4 | .2 | .0 | .0 | | | | | | 2.7 | 5.2 |
| SW | .9 | .7 | .6 | .2 | | .0 | | | | | | 2.5 | 5.6 |
| WSW | 1.3 | 1.1 | .7 | .3 | | | | | | | | 3.5 | 5.4 |
| W | 1.5 | 1.9 | 1.3 | .2 | | | | | | | | 4.9 | 5.3 |
| WNW | 1.5 | 2.0 | 1.2 | .2 | .0 | | | | | | | 4.8 | 5.4 |
| NW | 1.1 | 1.7 | 1.5 | .3 | | | | | | | | 4.6 | 5.9 |
| NNW | .8 | 1.0 | .8 | .1 | | | | | | | | 2.8 | 5.4 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 12.0 | ////// |
| TOTALS | 26.4 | 33.6 | 19.5 | 7.1 | 1.1 | .2 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .2 | | | | | | | | | | .3 | 3.7 |
| NNE | .1 | | | | | | | | | | | .1 | 2.0 |
| NE | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| ENE | .1 | 1.0 | .1 | | | | | | | | | 1.2 | 4.9 |
| E | 1.3 | 3.3 | 1.7 | .4 | .1 | | | | | | | 6.9 | 6.1 |
| ESE | 3.0 | 6.2 | 3.4 | 1.2 | .1 | | | | | | | 14.0 | 6.1 |
| SE | 10.3 | 19.6 | 2.8 | .5 | .2 | | | | | | | 33.4 | 4.5 |
| SSE | 8.6 | 13.0 | .8 | .3 | | | | | | | | 22.7 | 4.1 |
| S | 4.1 | 3.3 | .5 | | | | | | | | | 8.0 | 3.7 |
| SSW | .8 | 1.5 | .1 | | | | | | | | | 2.4 | 4.0 |
| SW | .3 | .3 | | .1 | | | | | | | | .8 | 4.9 |
| WSW | .6 | .1 | .2 | | | | | | | | | 1.0 | 3.7 |
| W | .4 | .6 | .1 | | | | | | | | | 1.2 | 4.5 |
| WNW | | .2 | .2 | | | | | | | | | .4 | 6.0 |
| NW | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NNW | .2 | | | .1 | | | | | | | | .3 | 5.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 6.8 | ////// |
| TOTALS | 30.3 | 49.7 | 10.1 | 2.7 | .4 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | WIND SPEED IN KNOTS | | | | | | | | | | | | |
| N | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| NNE | | .1 | | | | | | | | | | .1 | 5.0 |
| NE | .2 | | | | | | | | | | | .2 | 2.5 |
| ENE | .4 | .1 | .3 | | | | | | | | | .9 | 5.0 |
| E | 1.7 | 2.8 | 2.3 | .6 | | | | | | | | 7.4 | 6.2 |
| ESE | 3.9 | 5.4 | 3.1 | 1.5 | .4 | .2 | | | | | | 14.5 | 6.3 |
| SE | 10.5 | 22.8 | 4.2 | 1.4 | .2 | | .1 | | | | | 39.2 | 4.9 |
| SSE | 5.4 | 12.2 | 2.2 | .4 | | | | | | | | 20.1 | 4.6 |
| S | 1.9 | 2.0 | .1 | .3 | | | | | | | | 4.4 | 4.2 |
| SSW | .1 | | .3 | .2 | | | | | | | | .6 | 10.0 |
| SW | .1 | | | | | | | | | | | .1 | 2.0 |
| WSW | .2 | .4 | | | | | | | | | | .6 | 4.0 |
| W | .2 | .3 | .2 | | | | | | | | | .8 | 4.9 |
| WNW | .1 | .1 | .1 | | | | | | | | | .3 | 5.7 |
| NW | | .5 | .2 | .1 | | | | | | | | .9 | 6.4 |
| NNW | .1 | .2 | .1 | | | | | | | | | .4 | 5.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 9.1 | ////// |
| TOTALS | 25.1 | 47.1 | 13.1 | 4.6 | .6 | .2 | .1 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | .1 | | | | | | | | | | .1 | 6.0 |
| NNE | .1 | | | | | | | | | | | .1 | 1.0 |
| NE | .1 | | .2 | | | | | | | | | .3 | 7.0 |
| ENE | .1 | .3 | .4 | .1 | | | | | | | | 1.0 | 7.6 |
| E | 1.3 | 1.9 | 1.9 | .5 | .1 | | | | | | | 5.8 | 6.5 |
| ESE | 3.5 | 3.5 | 3.3 | 1.4 | | | | | | | | 11.8 | 6.1 |
| SE | 8.3 | 16.9 | 8.6 | 1.4 | .3 | | | | | | | 35.5 | 5.6 |
| SSE | 6.9 | 15.4 | 5.6 | .3 | | | | | | | | 28.2 | 5.0 |
| S | 2.3 | 2.5 | 1.3 | | | | | | | | | 6.0 | 4.5 |
| SSW | .2 | .2 | .1 | | .1 | | | | | | | .6 | 6.2 |
| SW | .1 | .2 | | | | | | | | | | .3 | 4.3 |
| WSW | .5 | | .1 | | | | | | | | | .6 | 3.3 |
| W | .3 | .1 | .1 | | | | | | | | | .5 | 4.2 |
| WNW | .5 | .5 | .3 | .2 | | | | | | | | 1.6 | 5.7 |
| NW | .1 | .1 | .2 | | | | | | | | | .4 | 5.8 |
| NNW | | .1 | | | | | | | | | | .1 | 5.0 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 6.9 | ////// |
| TOTALS | 29.4 | 41.9 | 22.3 | 4.0 | .5 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | .5 | .1 | | | | | | | | | 2.2 | 2.9 |
| NNE | .2 | .6 | .1 | .1 | | | | | | | | 1.1 | 5.8 |
| NE | .3 | .5 | .3 | .2 | | | | | | | | 1.4 | 6.5 |
| ENE | .8 | 1.1 | .2 | .6 | | | | | | | | 2.7 | 6.1 |
| E | 2.2 | 1.6 | 1.4 | .4 | .1 | | | | | | | 5.7 | 5.4 |
| ESE | 2.2 | 1.9 | 2.6 | 1.6 | .4 | .1 | | | | | | 8.8 | 7.9 |
| SE | 2.7 | 3.2 | 3.2 | 4.1 | 1.1 | .2 | .1 | | | | | 14.6 | 9.0 |
| SSE | 5.3 | 7.6 | 3.0 | .3 | | | | | | | | 16.2 | 4.8 |
| S | 5.7 | 5.6 | 1.6 | .5 | | | | | | | | 13.4 | 4.3 |
| SSW | 1.6 | .9 | 1.2 | .9 | .1 | | | | | | | 4.6 | 6.7 |
| SW | .9 | .3 | .2 | | | .1 | | | | | | 1.5 | 5.1 |
| WSW | 1.1 | .8 | .2 | .1 | | | | | | | | 2.2 | 4.2 |
| W | 1.2 | 1.1 | .5 | .3 | | | | | | | | 3.1 | 5.3 |
| WNW | .8 | .6 | | | | | | | | | | 1.4 | 3.3 |
| NW | 1.3 | 1.0 | .6 | .3 | | | | | | | | 3.2 | 5.4 |
| NNW | 1.0 | .5 | .2 | .1 | | | | | | | | 1.8 | 4.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 16.0 | ////// |
| TOTALS | 28.5 | 28.0 | 15.6 | 9.7 | 1.7 | .4 | .1 | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.9 | .3 | | | | | | | | | 3.7 | 3.9 |
| NNE | 1.0 | 1.5 | .3 | .1 | | | | | | | | 2.9 | 4.6 |
| NE | 1.1 | 1.0 | .4 | .2 | | | | | | | | 2.7 | 5.2 |
| ENE | 1.6 | 2.0 | .9 | .6 | .2 | | | | | | | 5.4 | 6.1 |
| E | 1.2 | 1.4 | 1.8 | .5 | .2 | | | | | | | 5.2 | 6.9 |
| ESE | 1.0 | .6 | 1.1 | 1.2 | .3 | | | | | | | 4.2 | 8.5 |
| SE | 1.4 | 1.5 | 1.3 | 1.3 | .4 | | .1 | | | | | 6.0 | 8.3 |
| SSE | 1.1 | 1.0 | .3 | .3 | | | | | | | | 2.7 | 5.1 |
| S | .9 | 2.5 | 1.6 | .3 | .1 | .1 | | | | | | 5.5 | 6.7 |
| SSW | 1.0 | .6 | 1.3 | 1.9 | .8 | .1 | | | | | | 5.7 | 10.1 |
| SW | 1.2 | 1.1 | 1.7 | 1.6 | .1 | | | | | | | 5.7 | 8.0 |
| WSW | 2.0 | 1.8 | 1.2 | .3 | .2 | | | | | | | 5.6 | 5.5 |
| W | 3.1 | 3.8 | 1.6 | .3 | | | | | | | | 8.8 | 4.8 |
| WNW | 1.6 | 2.9 | 1.0 | .3 | .1 | | | | | | | 5.9 | 5.5 |
| NW | 1.5 | 4.4 | 1.5 | .3 | | | | | | | | 7.7 | 5.2 |
| NNW | 3.2 | 3.0 | 1.7 | .2 | | | | | | | | 8.2 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 14.2 | ////// |
| TOTALS | 24.2 | 31.1 | 18.1 | 9.7 | 2.5 | .2 | .1 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 1.9 | 1.3 | | | | | | | | | 5.1 | 4.6 |
| NNE | .8 | .9 | .2 | | | | | | | | | 1.8 | 4.2 |
| NE | .6 | .9 | .6 | .3 | .1 | | | | | | | 2.6 | 6.7 |
| ENE | .9 | 1.3 | 1.1 | 1.3 | .3 | | | | | | | 4.8 | 8.4 |
| E | .9 | 1.5 | 1.4 | .8 | | | | | | | | 4.5 | 7.2 |
| ESE | .3 | .3 | .5 | 1.3 | .1 | | | | | | | 2.6 | 9.9 |
| SE | .8 | .2 | .1 | .4 | .1 | | | | | | | 1.6 | 6.8 |
| SSE | .4 | .5 | .4 | .1 | | | | | | | | 1.5 | 5.6 |
| S | .4 | .5 | .8 | 1.1 | | | | | | | | 2.8 | 8.7 |
| SSW | .3 | .4 | .9 | 1.2 | .1 | | | | | | | 2.9 | 9.9 |
| SW | 1.1 | 1.2 | 2.0 | 1.9 | .1 | | | | | | | 6.3 | 8.5 |
| WSW | 1.5 | 1.5 | 2.6 | 1.2 | .2 | | | | | | | 7.0 | 7.5 |
| W | 2.4 | 4.3 | 2.2 | .9 | | | | | | | | 9.7 | 5.7 |
| WNW | 1.4 | 4.5 | 2.9 | .6 | | | | | | | | 9.5 | 6.3 |
| NW | 2.9 | 6.1 | 7.1 | 1.3 | | | | | | | | 17.4 | 6.5 |
| NNW | 2.5 | 3.4 | 4.3 | 1.1 | | | | | | | | 11.3 | 6.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 8.6 | ////// |
| TOTALS | 18.9 | 29.6 | 28.4 | 13.4 | 1.1 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | .8 | .1 | | | | | | | | | 3.3 | 2.6 |
| NNE | .8 | .6 | | .1 | | | | | | | | 1.5 | 3.9 |
| NE | .5 | 1.0 | .3 | .1 | | | | | | | | 1.9 | 5.3 |
| ENE | .4 | 3.0 | 1.9 | 1.2 | | | | | | | | 6.6 | 7.5 |
| E | 1.7 | 1.4 | 2.0 | 1.1 | | | | | | | | 6.2 | 6.6 |
| ESE | .6 | .8 | 1.2 | | | | | | | | | 2.6 | 6.1 |
| SE | .8 | .8 | .4 | | | | | | | | | 1.9 | 4.6 |
| SSE | 1.7 | .6 | .9 | .2 | | | | | | | | 3.4 | 4.6 |
| S | 1.1 | .8 | .8 | .1 | | | | | | | | 2.7 | 5.2 |
| SSW | 1.4 | 1.0 | .3 | .2 | | | | | | | | 2.9 | 4.6 |
| SW | 1.5 | 1.0 | .4 | .2 | | | | | | | | 3.1 | 4.6 |
| WSW | 1.9 | 2.4 | 1.3 | .2 | | | | | | | | 5.8 | 5.1 |
| W | 3.8 | 2.6 | 1.3 | .3 | | | | | | | | 8.0 | 4.5 |
| WNW | 3.9 | 7.8 | 1.4 | .3 | | | | | | | | 13.4 | 4.6 |
| NW | 4.6 | 7.7 | 4.1 | .4 | | | | | | | | 16.9 | 5.1 |
| NNW | 2.2 | 2.7 | 1.1 | .4 | | | | | | | | 6.3 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 13.3 | ////// |
| TOTALS | 29.4 | 34.8 | 17.5 | 4.9 | | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | | | .1 | | | | | | | | .4 | 4.5 |
| NNE | .3 | | | | | | | | | | | .3 | 2.3 |
| NE | .1 | .4 | | .1 | | | | | | | | .6 | 5.7 |
| ENE | 1.0 | 1.1 | .4 | | | | | | | | | 2.5 | 4.7 |
| E | 1.6 | 3.2 | 2.3 | .1 | .1 | | | | | | | 7.3 | 5.7 |
| ESE | 2.3 | 4.0 | 2.6 | 1.0 | .1 | | | | | | | 9.9 | 6.1 |
| SE | 7.0 | 7.3 | 1.9 | .3 | | | | | | | | 16.6 | 4.2 |
| SSE | 9.9 | 7.1 | .6 | | | | | | | | | 17.7 | 3.4 |
| S | 6.0 | 5.4 | .2 | | | | | | | | | 11.6 | 3.3 |
| SSW | 2.0 | 1.5 | .2 | .1 | | | | | | | | 3.9 | 3.8 |
| SW | 1.4 | .8 | .3 | | | | | | | | | 2.5 | 3.7 |
| WSW | 1.7 | 1.4 | .4 | | | | | | | | | 3.6 | 3.8 |
| W | 2.5 | 1.8 | .8 | | | | | | | | | 5.1 | 4.0 |
| WNW | 1.1 | 1.0 | .4 | | | | | | | | | 2.5 | 4.4 |
| NW | .2 | .9 | .3 | .1 | | | | | | | | 1.5 | 5.6 |
| NNW | .3 | .3 | | | | | | | | | | .6 | 3.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 13.5 | ////// |
| TOTALS | 37.8 | 36.2 | 10.5 | 1.8 | .2 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .7 | .2 | .0 | | | | | | | | 1.9 | 3.7 |
| NNE | .4 | .5 | .1 | .0 | | | | | | | | 1.0 | 4.4 |
| NE | .4 | .5 | .3 | .1 | .0 | | | | | | | 1.3 | 5.8 |
| ENE | .7 | 1.2 | .7 | .5 | .1 | | | | | | | 3.1 | 6.7 |
| E | 1.5 | 2.2 | 1.9 | .6 | .1 | | | | | | | 6.1 | 6.3 |
| ESE | 2.1 | 2.8 | 2.2 | 1.1 | .2 | .0 | | | | | | 8.5 | 6.7 |
| SE | 5.2 | 9.0 | 2.8 | 1.2 | .3 | .0 | .0 | | | | | 18.6 | 5.5 |
| SSE | 4.9 | 7.2 | 1.7 | .3 | | | | | | | | 14.1 | 4.5 |
| S | 2.8 | 2.8 | .9 | .3 | .0 | .0 | | | | | | 6.8 | 4.5 |
| SSW | .9 | .8 | .6 | .6 | .1 | .0 | | | | | | 3.0 | 7.0 |
| SW | .8 | .6 | .6 | .5 | .0 | .0 | | | | | | 2.5 | 6.7 |
| WSW | 1.2 | 1.0 | .8 | .2 | .1 | | | | | | | 3.3 | 5.5 |
| W | 1.7 | 1.8 | .8 | .2 | | | | | | | | 4.6 | 4.9 |
| WNW | 1.2 | 2.2 | .8 | .2 | .0 | | | | | | | 4.4 | 5.2 |
| NW | 1.3 | 2.6 | 1.8 | .3 | | | | | | | | 6.0 | 5.7 |
| NNW | 1.2 | 1.3 | .9 | .2 | | | | | | | | 3.6 | 5.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 11.0 | ////// |
| TOTALS | 27.3 | 37.3 | 17.0 | 6.4 | .9 | .1 | .0 | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| NNE | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| NE | .4 | | | .1 | | | | | | | | .6 | 4.4 |
| ENE | .7 | .3 | .3 | | .1 | | | | | | | 1.4 | 5.2 |
| E | 2.2 | 2.1 | 1.7 | .1 | | | | | | | | 6.1 | 5.2 |
| ESE | 3.6 | 8.1 | 3.3 | .3 | | | | | | | | 15.3 | 5.1 |
| SE | 10.2 | 18.9 | 4.9 | 1.3 | | | | | | | | 35.3 | 4.. |
| SSE | 6.7 | 9.0 | 1.7 | .2 | | | | | | | | 17.6 | 4.3 |
| S | 4.3 | 2.6 | .4 | .4 | .1 | .1 | | | | | | 8.0 | 4.5 |
| SSW | .6 | .9 | .2 | | .1 | | | | | | | 1.8 | 5.3 |
| SW | .7 | .1 | .3 | .2 | | | | | | | | 1.3 | 5.8 |
| WSW | .6 | .1 | .2 | | | | | | | | | .9 | 3.6 |
| W | .3 | .4 | .2 | | | | | | | | | 1.0 | 4.8 |
| WNW | .3 | .1 | | .1 | | | | | | | | .6 | 4.6 |
| NW | .2 | | | .1 | | | | | | | | .3 | 5.7 |
| NNW | .1 | .2 | .1 | | | | | | | | | .4 | 4.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 8.8 | ////// |
| TOTALS | 31.2 | 43.1 | 13.4 | 3.0 | .3 | .1 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .1 | .1 | | | | | | | | | .3 | 4.[illegible] |
| NNE | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| NE | .1 | | | | | | | | | | | .1 | 2.0 |
| ENE | .4 | .6 | .2 | .1 | | | | | | | | 1.3 | 5.4 |
| E | 1.0 | 2.4 | 2.0 | .6 | | | | | | | | 6.0 | 6.3 |
| ESE | 3.8 | 5.6 | 3.3 | .8 | .1 | | | | | | | 13.6 | 5.6 |
| SE | 8.4 | 23.6 | 7.3 | 1.1 | .1 | | | | | | | 40.6 | 5.1 |
| SSE | 6.1 | 10.2 | 2.0 | .1 | | | | | | | | 18.4 | 4.3 |
| S | 2.0 | 2.3 | 1.1 | .1 | | | .1 | | | | | 5.7 | 5.1 |
| SSW | .6 | .1 | .2 | .6 | | .1 | .1 | | | | | 1.7 | 10.1 |
| SW | .4 | .1 | | | | | | | | | | .6 | 2.2 |
| WSW | .6 | .4 | .4 | | | | | | | | | 1.4 | 4.5 |
| W | .2 | .3 | | | .1 | | | | | | | .7 | 6.0 |
| WNW | | .2 | .1 | | | | | | | | | .3 | 6.7 |
| NW | .2 | | .1 | | | | | | | | | .3 | 4.0 |
| NNW | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 8.8 | ////// |
| TOTALS | 24.1 | 46.1 | 17.0 | 3.3 | .3 | .1 | .2 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | .1 | | | | | | | | | | | .1 | 3.0 |
| NE | .3 | .1 | .2 | .1 | | | | | | | | .8 | 6.0 |
| ENE | .2 | | .2 | | | | | | | | | .4 | 5.8 |
| E | 2.1 | 1.9 | 2.1 | .3 | | | | | | | | 6.4 | 5.5 |
| ESE | 2.8 | 5.0 | 4.1 | 1.1 | | | | | | | | 13.0 | 6.2 |
| SE | 7.9 | 16.1 | 8.1 | 1.4 | | | | | | | | 33.6 | 5.4 |
| SSE | 5.8 | 12.8 | 5.2 | .3 | | | | | | | | 24.1 | 5.0 |
| S | 2.3 | 2.1 | .9 | | | | | | | | | 5.3 | 4.2 |
| SSW | 1.2 | .6 | .1 | .4 | | | | | | | | 2.3 | 5.7 |
| SW | .9 | | .1 | .1 | | | | | | | | 1.1 | 4.1 |
| WSW | .3 | .2 | .4 | .3 | | | | | | | | 1.3 | 7.5 |
| W | .1 | .1 | .1 | .1 | .1 | | | | | | | .6 | 10.0 |
| WNW | | .2 | | | | | | | | | | .2 | 4.5 |
| NW | .4 | .1 | | .1 | | | | | | | | .7 | 3.7 |
| NNW | | .1 | .1 | | | | | | | | | .2 | 5.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 9.8 | ////// |
| TOTALS | 24.6 | 39.3 | 21.8 | 4.4 | .1 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .2 | | | | | | | | | | .7 | 2.3 |
| NNE | .1 | .2 | | | | | | | | | | .3 | 4.0 |
| NE | .7 | .7 | .1 | .2 | | | | | | | | 1.7 | 5.0 |
| ENE | .7 | .7 | .9 | .3 | | | | | | | | 2.6 | 6.8 |
| E | 3.0 | 1.8 | 2.1 | .8 | | | | | | | | 7.7 | 5.3 |
| ESE | 3.3 | 3.2 | 2.9 | 1.6 | .6 | | | | | | | 11.6 | 6.8 |
| SE | 3.7 | 6.1 | 5.2 | 1.9 | 1.0 | .1 | | | | | | 18.0 | 7.1 |
| SSE | 4.2 | 5.7 | 3.2 | .2 | | | | | | | | 13.3 | 5.0 |
| S | 4.3 | 6.9 | 1.6 | .7 | | .2 | | | | | | 13.7 | 5.0 |
| SSW | 1.4 | .7 | 1.2 | .1 | | | .1 | | | | | 3.6 | 5.9 |
| SW | .6 | .3 | .3 | .2 | | | | | | | | 1.4 | 6.1 |
| WSW | 1.1 | .6 | .1 | .1 | | | | | | | | 1.9 | 3.9 |
| W | 1.8 | 1.3 | .7 | .2 | | | | | | | | 4.0 | 4.8 |
| WNW | .6 | .2 | .1 | .2 | | | | | | | | 1.1 | 5.9 |
| NW | .9 | .3 | .4 | | | | | | | | | 1.7 | 4.5 |
| NNW | .9 | .4 | .1 | .1 | | | | | | | | 1.6 | 4.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 15.3 | ////// |
| TOTALS | 27.7 | 29.3 | 19.0 | 6.7 | 1.6 | .3 | .1 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOT 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 1.3 | .2 | | | | | | | | | 4.6 | 3.1 |
| NNE | .8 | .3 | .1 | | | | | | | | | 1.2 | 3.8 |
| NE | .9 | 1.0 | .3 | .6 | .2 | | | | | | | 3.0 | 7.1 |
| ENE | .8 | 1.1 | 1.0 | .2 | .3 | | | | | | | 3.4 | 6.9 |
| E | 1.3 | 1.9 | .6 | | .1 | | | | | | | 3.9 | 4.8 |
| ESE | 1.3 | 1.7 | 2.1 | 2.2 | .6 | | | | | | | 7.9 | 8.8 |
| SE | .8 | 1.6 | 2.0 | 2.2 | .4 | .3 | | | | | | 7.3 | 9.7 |
| SSE | 1.4 | 1.0 | .7 | .1 | | | | | | | | 3.2 | 4.6 |
| S | 1.0 | .8 | 1.4 | .3 | .2 | .1 | | | | | | 3.9 | 7.6 |
| SSW | .7 | .7 | 1.4 | 1.1 | .2 | .1 | | | | | | 4.2 | 9.2 |
| SW | 1.3 | .6 | 1.1 | 1.0 | .1 | | | | | | | 4.1 | 7.6 |
| WSW | .7 | 1.0 | 1.2 | .7 | | | | | | | | 3.6 | 7.2 |
| W | 3.7 | 2.6 | 2.3 | .2 | | | | | | | | 8.8 | 4.7 |
| WNW | 2.3 | 3.8 | 1.3 | .3 | | | | | | | | 7.8 | 5.0 |
| NW | 3.3 | 3.3 | 2.3 | .3 | | | | | | | | 9.3 | 5.1 |
| NNW | 2.8 | 3.1 | 1.2 | .1 | | | | | | | | 7.2 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 16.6 | ////// |
| TOTALS | 26.1 | 25.7 | 19.4 | 9.4 | 2.2 | .6 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 2.7 | .4 | | | | | | | | | 6.0 | 3.6 |
| NNE | 1.1 | 1.0 | .1 | | | | | | | | | 2.2 | 3.4 |
| NE | .7 | .6 | 1.0 | .2 | | | | | | | | 2.4 | 6.2 |
| ENE | .4 | .4 | 2.2 | 1.2 | .2 | | | | | | | 4.6 | 9.4 |
| E | 1.0 | 1.4 | 1.3 | .3 | .1 | | | | | | | 4.2 | 6.2 |
| ESE | .3 | 1.0 | .9 | 1.2 | .1 | | | | | | | 3.6 | 8.4 |
| SE | .3 | .9 | .7 | .7 | .1 | | | | | | | 2.7 | 7.9 |
| SSE | .4 | .4 | .1 | | | | | | | | | 1.0 | 3.8 |
| S | .3 | .4 | .2 | .3 | .3 | .1 | | | | | | 1.8 | 10.4 |
| SSW | .6 | .2 | .8 | .7 | .3 | | | | | | | 2.6 | 9.3 |
| SW | .3 | .4 | 1.4 | 1.3 | | | | | | | | 3.6 | 9.3 |
| WSW | .6 | 1.3 | 1.1 | .6 | .1 | | | | | | | 3.7 | 7.3 |
| W | 1.3 | 2.3 | 2.4 | 1.0 | | | | | | | | 7.1 | 6.6 |
| WNW | 2.3 | 3.3 | 5.0 | .7 | | | | | | | | 11.3 | 6.4 |
| NW | 2.9 | 9.3 | 6.1 | 1.4 | .1 | | | | | | | 19.9 | 6.2 |
| NNW | 4.2 | 6.2 | 3.3 | .2 | | | | | | | | 14.0 | 5.1 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 9.4 | ////// |
| TOTALS | 19.8 | 32.1 | 27.2 | 9.9 | 1.4 | .1 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | .2 | .1 | | | | | | | | | 1.9 | 2.7 |
| NNE | .7 | .2 | | | | | | | | | | .9 | 2.8 |
| NE | .2 | 1.0 | .3 | | | | | | | | | 1.6 | 5.3 |
| ENE | .4 | 1.2 | 2.7 | .7 | | | | | | | | 5.0 | 7.8 |
| E | 1.6 | 2.7 | 2.6 | .8 | | | | | | | | 7.6 | 6.2 |
| ESE | 1.3 | 1.7 | .3 | .6 | .1 | | | | | | | 4.0 | 6.0 |
| SE | 1.6 | 1.2 | .1 | .1 | | | | | | | | 3.0 | 3.9 |
| SSE | 2.3 | 1.0 | | | | | | | | | | 3.3 | 2.9 |
| S | 2.2 | 1.0 | .2 | .2 | .1 | | | | | | | 3.8 | 4.3 |
| SSW | 1.0 | .4 | .1 | .1 | .1 | | | | | | | 1.8 | 5.1 |
| SW | 1.3 | 1.4 | .4 | .2 | | | | | | | | 3.4 | 4.7 |
| WSW | 2.2 | .9 | .3 | .1 | | | | | | | | 3.6 | 3.8 |
| W | 3.3 | 1.7 | .9 | | | | | | | | | 5.9 | 3.8 |
| WNW | 4.2 | 3.8 | 1.9 | .1 | | | | | | | | 10.0 | 4.4 |
| NW | 5.8 | 6.3 | 2.1 | .2 | | | | | | | | 14.4 | 4.4 |
| NNW | 2.8 | 2.4 | .2 | .1 | | | | | | | | 5.6 | 3.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 24.3 | ////// |
| TOTALS | 32.6 | 27.2 | 12.3 | 3.2 | .3 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | .1 | | .3 | .1 | | | | | | | | .6 | 9.0 |
| ENE | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.6 |
| E | 1.7 | 2.4 | 2.7 | .3 | | | | | | | | 7.1 | 5.8 |
| ESE | 3.2 | 6.0 | 2.6 | 1.2 | | | | | | | | 13.0 | 5.7 |
| SE | 10.6 | 13.3 | 1.9 | .3 | | | | | | | | 26.1 | 4.0 |
| SSE | 8.0 | 6.2 | | | | | | | | | | 14.2 | 3.3 |
| S | 6.0 | 4.8 | .6 | .3 | | | | | | | | 11.7 | 3.7 |
| SSW | 1.8 | .9 | .2 | .1 | | | | | | | | 3.0 | 4.0 |
| SW | 1.3 | 1.1 | .6 | | .1 | | | | | | | 3.1 | 4.4 |
| WSW | .8 | .3 | | .2 | | | | | | | | 1.3 | 4.6 |
| W | 1.3 | 1.1 | .2 | .1 | .1 | .1 | | | | | | 3.0 | 5.5 |
| WNW | .4 | .8 | .1 | | | | | | | | | 1.3 | 4.6 |
| NW | .2 | .4 | .1 | .2 | | | | | | | | 1.0 | 6.6 |
| NNW | .1 | .2 | | | | | | | | | | .3 | 3.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 13.1 | ////// |
| TOTALS | 36.0 | 38.1 | 9.4 | 3.0 | .2 | .1 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .6 | .1 | | | | | | | | | 1.7 | 3.3 |
| NNE | .4 | .2 | .0 | | | | | | | | | .7 | 3.4 |
| NE | .4 | .4 | .3 | .2 | .0 | | | | | | | 1.3 | 6.1 |
| ENE | .5 | .6 | 1.0 | .3 | .1 | | | | | | | 2.5 | 7.3 |
| E | 1.7 | 2.1 | 1.9 | .4 | .0 | | | | | | | 6.1 | 5.7 |
| ESE | 2.5 | 4.0 | 2.4 | 1.1 | .2 | | | | | | | 10.2 | 6.2 |
| SE | 5.4 | 10.2 | 3.8 | 1.1 | .2 | .1 | | | | | | 20.8 | 5.4 |
| SSE | 4.4 | 5.8 | 1.6 | .1 | | | | | | | | 11.9 | 4.4 |
| S | 2.8 | 2.6 | .8 | .3 | .1 | .1 | .0 | | | | | 6.7 | 4.9 |
| SSW | 1.0 | .6 | .5 | .4 | .1 | .0 | .0 | | | | | 2.6 | 6.9 |
| SW | .9 | .5 | .5 | .4 | .0 | | | | | | | 2.3 | 6.3 |
| WSW | .8 | .6 | .5 | .2 | .0 | | | | | | | 2.2 | 5.6 |
| W | 1.5 | 1.2 | .9 | .2 | .0 | .0 | | | | | | 3.9 | 5.2 |
| WNW | 1.3 | 1.6 | 1.1 | .2 | | | | | | | | 4.1 | 5.3 |
| NW | 1.7 | 2.5 | 1.4 | .3 | .0 | | | | | | | 6.0 | 5.3 |
| NNW | 1.4 | 1.6 | .6 | .1 | | | | | | | | 3.7 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | | | | | | | | | | 13.3 | ////// |
| TOTALS | 27.7 | 35.1 | 17.5 | 5.4 | .8 | .2 | .0 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0000-0200

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | .2 | | | | | | | | | | .5 | 3.4 |
| NNE | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| NE | .2 | | .2 | .1 | | | | | | | | .5 | 6.6 |
| ENE | .6 | .4 | .4 | | | | | | | | | 1.5 | 4.4 |
| E | 2.0 | 2.5 | .9 | .6 | | | | | | | | 6.0 | 5.3 |
| ESE | 3.6 | 7.2 | 2.3 | 2.3 | .2 | | | | | | | 15.5 | 6.0 |
| SE | 9.6 | 19.4 | 4.8 | 1.2 | | | | | | | | 35.0 | 4.8 |
| SSE | 7.2 | 5.6 | 1.2 | .3 | | | | | | | | 14.3 | 4.1 |
| S | 3.9 | 1.6 | .3 | | | | | | | | | 5.8 | 3.1 |
| SSW | .9 | .1 | .5 | .1 | | | | | | | | 1.6 | 4.7 |
| SW | .2 | .8 | .1 | .1 | | | | | | | | 1.2 | 5.2 |
| WSW | .6 | .4 | | .1 | | | | | | | | 1.2 | 4.5 |
| W | .3 | .8 | .3 | | | | | | | | | 1.4 | 4.8 |
| WNW | .4 | .1 | .1 | | | | | | | | | .6 | 3.5 |
| NW | .2 | .8 | | | | | | | | | | 1.0 | 4.3 |
| NNW | .2 | | | | | | | | | | | .2 | 2.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 13.3 | ////// |
| TOTALS | 30.5 | 39.9 | 11.2 | 4.8 | .2 | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0300-0500

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | .3 | .1 | | | | | | | | | .9 | 3.5 |
| NNE | | | | | | | | | | | | | |
| NE | .2 | | | | | | | | | | | .2 | 2.5 |
| ENE | .2 | .4 | | | | | | | | | | .6 | 4.0 |
| E | 1.1 | 2.5 | .9 | .6 | | | | | | | | 5.1 | 5.7 |
| ESE | 3.8 | 7.1 | 2.8 | 1.1 | .4 | | | | | | | 15.2 | 5.8 |
| SE | 9.1 | 17.1 | 5.6 | 1.5 | .4 | | | | | | | 33.8 | 5.3 |
| SSE | 4.6 | 10.2 | 2.7 | .2 | | | | | | | | 17.7 | 4.8 |
| S | 3.1 | .9 | .2 | | | | | | | | | 4.2 | 2.9 |
| SSW | .2 | .2 | .3 | .1 | .1 | | | | | | | 1.0 | 7.8 |
| SW | .5 | .4 | .3 | | | | | | | | | 1.3 | 4.5 |
| WSW | .4 | .1 | | .2 | | | | | | | | .8 | 5.9 |
| W | .5 | .2 | .3 | | | | | | | | | 1.1 | 4.3 |
| WNW | .2 | .4 | | | | | | | | | | .6 | 3.7 |
| NW | .3 | .3 | | | | | | | | | | .6 | 3.7 |
| NNW | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 16.7 | ////// |
| TOTALS | 25.1 | 40.3 | 13.2 | 3.8 | 1.0 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .1 | | | | | | | | | | .6 | 2.3 |
| NNE | | .1 | | | | | | | | | | .1 | 5.0 |
| NE | | .1 | | | | | | | | | | .1 | 5.0 |
| ENE | .5 | .2 | | | | | | | | | | .8 | 2.9 |
| E | 1.6 | 1.4 | 1.1 | .5 | | | | | | | | 4.6 | 5.6 |
| ESE | 2.4 | 4.7 | 2.8 | 1.2 | .2 | | | | | | | 11.3 | 6.4 |
| SE | 8.5 | 14.7 | 7.6 | 3.0 | .2 | | | | | | | 34.1 | 5.9 |
| SSE | 5.2 | 9.9 | 5.1 | .6 | .1 | | | | | | | 20.9 | 5.4 |
| S | 2.3 | 2.5 | 1.1 | .2 | | | | | | | | 6.0 | 4.8 |
| SSW | .4 | .5 | .2 | | | | | | | | | 1.2 | 4.7 |
| SW | .2 | .4 | | | | | | | | | | .6 | 3.7 |
| WSW | .2 | .4 | .1 | .1 | | | | | | | | .9 | 5.5 |
| W | .5 | .8 | | | | | | | | | | 1.3 | 3.8 |
| WNW | .1 | .1 | .3 | .1 | | | | | | | | .6 | 8.3 |
| NW | .3 | .1 | .1 | | | | | | | | | .5 | 4.2 |
| NNW | .2 | .3 | .2 | | | | | | | | | .8 | 4.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 15.5 | ////// |
| TOTALS | 23.0 | 36.5 | 18.6 | 5.8 | .5 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS: 929



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0900-1100

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .2 | | | | | | | | | | 1.2 | 2.3 |
| NNE | .2 | .1 | .1 | | | | | | | | | .4 | 4.3 |
| NE | .5 | .2 | | | | | | | | | | .8 | 3.0 |
| ENE | 1.1 | .6 | .1 | | | | | | | | | 1.8 | 3.5 |
| E | 2.5 | 1.2 | 1.4 | .4 | .1 | | | | | | | 5.6 | 5.4 |
| ESE | 2.2 | 2.8 | 3.1 | 3.0 | .3 | .4 | | | | | | 11.8 | 8.7 |
| SE | 2.8 | 6.6 | 5.6 | 4.0 | .8 | .2 | | | | | | 19.9 | 7.8 |
| SSE | 4.3 | 6.6 | 4.2 | .3 | | | | | | | | 15.4 | 5.2 |
| S | 3.7 | 5.4 | 1.5 | .2 | | | | | | | | 10.8 | 4.5 |
| SSW | 1.7 | .8 | .4 | .1 | | | | | | | | 3.0 | 4.3 |
| SW | .9 | .5 | .1 | .3 | | | | | | | | 1.8 | 5.4 |
| WSW | .4 | .5 | .1 | | | | | | | | | 1.1 | 4.0 |
| W | .6 | 1.1 | .5 | .5 | | | | | | | | 2.8 | 6.5 |
| WNW | 1.1 | .5 | .2 | .1 | | | | | | | | 1.9 | 4.1 |
| NW | .5 | .4 | | .1 | | | | | | | | 1.1 | 4.6 |
| NNW | 1.1 | .3 | | | | | | | | | | 1.4 | 2.7 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 19.2 | ////// |
| TOTALS | 29.5 | 27.9 | 17.4 | 9.1 | 1.2 | .6 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1400

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 1.8 | .2 | | | | | | | | | 4.6 | 3.4 |
| NNE | 1.6 | .5 | .1 | | | | | | | | | 2.3 | 2.7 |
| NE | .9 | .6 | .4 | .2 | | | | | | | | 2.2 | 5.3 |
| ENE | 1.1 | 1.1 | .1 | .4 | | | | | | | | 2.7 | 5.2 |
| E | 2.3 | 1.8 | 1.5 | .6 | .1 | .2 | | | | | | 6.6 | 6.5 |
| ESE | 1.6 | 1.5 | 2.5 | 1.2 | .3 | .3 | | | | | | 7.4 | 8.4 |
| SE | 1.4 | 2.3 | 1.5 | 2.5 | .3 | .5 | | | | | | 8.5 | 9.2 |
| SSE | .9 | 1.0 | .6 | .2 | | | | | | | | 2.7 | 5.2 |
| S | 1.8 | 2.5 | .9 | .4 | .1 | | | | | | | 5.7 | 5.4 |
| SSW | .9 | .9 | 1.0 | .2 | .1 | | | | | | | 3.0 | 6.5 |
| SW | 1.2 | .4 | .1 | .3 | | | | | | | | 2.0 | 4.3 |
| WSW | 1.5 | .5 | .9 | .8 | | | | | | | | 3.7 | 6.4 |
| W | 3.5 | 2.8 | 1.2 | .5 | .1 | | | | | | | 8.2 | 4.9 |
| WNW | 2.6 | 1.8 | 2.2 | .3 | .1 | | | | | | | 7.0 | 5.5 |
| NW | 2.7 | 3.1 | 2.5 | .9 | | | | | | | | 9.1 | 5.7 |
| NNW | 1.5 | 2.5 | .6 | | | | | | | | | 4.6 | 4.3 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 19.8 | ////// |
| TOTALS | 28.0 | 25.2 | 16.2 | 8.6 | 1.2 | 1.1 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 1.3 | .3 | | | | | | | | | 4.2 | 3.3 |
| NNE | .9 | .4 | | | | | | | | | | 1.3 | 2.8 |
| NE | .8 | .4 | .4 | .5 | | | | | | | | 2.2 | 7.1 |
| ENE | 1.2 | 1.8 | 1.2 | .5 | .1 | | | | | | | 4.8 | 6.4 |
| E | 1.0 | 2.0 | 1.7 | .4 | | | | | | | | 5.2 | 6.4 |
| ESE | .9 | .8 | 1.3 | 1.6 | .3 | | | | | | | 4.8 | 9.0 |
| SE | .3 | .6 | .6 | .6 | | .2 | | | | | | 2.5 | 8.9 |
| SSE | .6 | .5 | .4 | | | | | | | | | 1.6 | 4.5 |
| S | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.5 |
| SSW | .4 | .2 | .6 | .1 | .1 | | | | | | | 1.5 | 7.6 |
| SW | .3 | .9 | .6 | .5 | | | | | | | | 2.4 | 7.4 |
| WSW | .9 | 1.0 | .6 | .3 | | | | | | | | 2.8 | 6.0 |
| W | 2.0 | 2.3 | 2.9 | .4 | | | | | | | | 7.6 | 5.9 |
| WNW | 3.2 | 2.8 | 3.0 | .5 | | | | | | | | 9.6 | 5.6 |
| NW | 4.4 | 8.6 | 4.9 | 1.1 | .2 | | | | | | | 19.2 | 5.7 |
| NNW | 4.9 | 5.9 | 2.5 | .5 | | | | | | | | 13.9 | 4.8 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | ////////// | 15.3 | ////// |
| TOTALS | 29.9 | 29.9 | 21.6 | 7.3 | .8 | .2 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | .4 | .1 | | | | | | | | | 1.7 | 3.3 |
| NNE | .8 | | | | .1 | | | | | | | .9 | 3.9 |
| NE | 1.2 | .1 | .2 | .1 | | | | | | | | 1.6 | 4.0 |
| ENE | .5 | 1.2 | .5 | .3 | | | | | | | | 2.6 | 5.9 |
| E | 2.9 | 3.3 | 2.0 | .5 | | | | | | | | 8.8 | 5.2 |
| ESE | 1.0 | 1.7 | 1.1 | .6 | .1 | | | | | | | 4.5 | 6.4 |
| SE | 2.7 | 3.3 | .9 | .4 | | | | | | | | 7.3 | 4.6 |
| SSE | 3.0 | 1.3 | .4 | | | | | | | | | 4.7 | 3.4 |
| S | 1.9 | 1.3 | .5 | | | | | | | | | 3.8 | 3.9 |
| SSW | .9 | .3 | .3 | .1 | | | | | | | | 1.6 | 4.5 |
| SW | 1.1 | .3 | .3 | .1 | | | | | | | | 1.8 | 4.0 |
| WSW | 1.3 | .5 | .1 | | | | | | | | | 1.9 | 3.4 |
| W | 2.8 | 1.3 | .4 | .1 | | | | | | | | 4.6 | 3.8 |
| WNW | 4.4 | 3.0 | .6 | | .1 | | | | | | | 8.2 | 3.8 |
| NW | 4.6 | 5.4 | 1.5 | .3 | | | | | | | | 11.8 | 4.3 |
| NNW | 3.3 | 2.5 | .2 | .1 | | | | | | | | 6.1 | 3.5 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | | | | | | | | | | | 27.9 | ////// |
| TOTALS | 33.6 | 26.0 | 9.4 | 2.8 | .3 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | .1 | | | | | | | | | | .3 | 3.0 |
| NNE | .1 | | | | | | | | | | | .1 | 3.0 |
| NE | .5 | .1 | .1 | | | | | | | | | .8 | 3.4 |
| ENE | .2 | .6 | .2 | | | | | | | | | 1.1 | 5.4 |
| E | 1.7 | 2.4 | 1.2 | .6 | | | | | | | | 5.9 | 5.5 |
| ESE | 4.6 | 6.5 | 2.6 | 1.4 | | | | | | | | 15.1 | 5.5 |
| SE | 8.8 | 14.6 | 3.3 | .8 | | | | | | | | 27.6 | 4.5 |
| SSE | 7.1 | 7.4 | .6 | .1 | | | | | | | | 15.3 | 3.6 |
| S | 4.4 | 2.7 | | .1 | | | | | | | | 7.2 | 3.3 |
| SSW | 1.3 | .5 | .1 | .2 | | | | | | | | 2.2 | 4.4 |
| SW | 1.0 | .3 | .4 | .1 | | | | | | | | 1.8 | 4.4 |
| WSW | .4 | .5 | | | | | | | | | | 1.0 | 3.9 |
| W | 1.4 | .5 | | | | | | | | | | 1.9 | 2.7 |
| WNW | .2 | .2 | .3 | .1 | | | | | | | | .9 | 6.8 |
| NW | .6 | .1 | .2 | .2 | | | | | | | | 1.2 | 5.5 |
| NNW | .4 | .1 | | | | | | | | | | .5 | 2.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 17.2 | ////// |
| TOTALS | 33.2 | 36.8 | 9.1 | 3.7 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | .6 | .1 | | | | | | | | | 1.8 | 3.2 |
| NNE | .5 | .2 | .0 | | .0 | | | | | | | .7 | 3.1 |
| NE | .5 | .2 | .2 | .1 | | | | | | | | 1.0 | 5.1 |
| ENE | .7 | .8 | .3 | .2 | .0 | | | | | | | 2.0 | 5.3 |
| E | 1.9 | 2.1 | 1.3 | .6 | .0 | .0 | | | | | | 6.0 | 5.7 |
| ESE | 2.5 | 4.0 | 2.3 | 1.5 | .2 | .1 | | | | | | 10.7 | 6.7 |
| SE | 5.4 | 9.8 | 3.8 | 1.7 | .2 | .1 | | | | | | 21.1 | 5.7 |
| SSE | 4.1 | 5.3 | 1.9 | .2 | .0 | | | | | | | 11.6 | 4.6 |
| S | 2.7 | 2.1 | .6 | .1 | .0 | | | | | | | 5.6 | 4.1 |
| SSW | .8 | .4 | .4 | .1 | .0 | | | | | | | 1.9 | 5.4 |
| SW | .7 | .5 | .3 | .2 | | | | | | | | 1.6 | 5.1 |
| WSW | .7 | .5 | .2 | .2 | | | | | | | | 1.7 | 5.2 |
| W | 1.5 | 1.2 | .7 | .2 | .0 | | | | | | | 3.6 | 4.9 |
| WNW | 1.5 | 1.1 | .8 | .1 | .0 | | | | | | | 3.7 | 5.0 |
| NW | 1.7 | 2.4 | 1.2 | .3 | .0 | | | | | | | 5.6 | 5.2 |
| NNW | 1.5 | 1.5 | .4 | .1 | | | | | | | | 3.5 | 4.2 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 18.1 | ////// |
| TOTALS | 27.8 | 32.8 | 14.6 | 5.7 | .6 | .2 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
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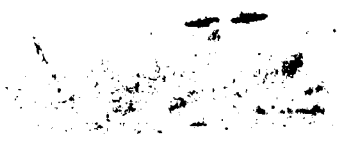
PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-85
MONTH: ALL HOURS(LST): ALL

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | .7 | .3 | .0 | .0 | | | | | | | 1.9 | 4.2 |
| NNE | .4 | .3 | .1 | .0 | .0 | .0 | .0 | | | | | .9 | 4.3 |
| NE | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | 1.2 | 5.5 |
| ENE | .7 | .7 | .5 | .3 | .0 | .0 | .0 | | | | | 2.2 | 6.2 |
| E | 1.5 | 1.9 | 1.2 | .3 | .0 | .0 | .0 | | | | | 4.9 | 5.6 |
| ESE | 2.1 | 3.3 | 1.7 | .9 | .2 | .0 | .0 | | | | | 8.2 | 6.2 |
| SE | 4.7 | 7.8 | 2.6 | 1.0 | .2 | .0 | .0 | | | | | 16.3 | 5.3 |
| SSE | 4.1 | 5.7 | 1.5 | .2 | .0 | .0 | | | | | | 11.5 | 4.5 |
| S | 3.2 | 2.9 | 1.0 | .3 | .0 | .0 | .0 | | | | | 7.5 | 4.6 |
| SSW | 1.1 | .9 | .8 | .5 | .1 | .0 | .0 | | | | | 3.5 | 6.6 |
| SW | 1.0 | .9 | .9 | .5 | .1 | .0 | .0 | | | | | 3.4 | 6.8 |
| WSW | 1.2 | 1.3 | 1.0 | .5 | .1 | .0 | | | | | | 4.1 | 6.2 |
| W | 1.9 | 2.3 | 1.9 | .5 | .0 | .0 | | .0 | | | | 6.5 | 5.8 |
| WNW | 1.4 | 2.1 | 1.4 | .3 | .0 | .0 | | | | | | 5.3 | 5.7 |
| NW | 1.4 | 2.5 | 1.9 | .6 | .0 | .0 | | | | | | 6.4 | 6.1 |
| NNW | 1.1 | 1.4 | 1.0 | .3 | .0 | .0 | | | | | | 3.7 | 5.6 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 12.3 | ////// |
| TOTALS | 27.2 | 35.1 | 18.1 | 6.4 | .7 | .1 | .0 | .0 | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS: 87652



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-85
MONTH: ALL HOURS(LST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILTIES 1/2 MILE OR MORE
AND/OR
CEILINGS 200 FEET OR MORE WITH VISIBILTIES 1/2 TO 2-1/2 MILES

| DIRECTION (DEGREES) | WIND SPEED IN KNOTS 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | GE 56 | TOTAL % | MEAN WIND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.2 | 1.2 | .4 | | | | | | | | 4.5 | 5.5 |
| NNE | .8 | 1.2 | .4 | | | | | | | | | 2.5 | 5.0 |
| NE | .4 | | .4 | | | | | | | | | .8 | 4.0 |
| ENE | .4 | .8 | | .4 | | .4 | | | | | | 2.1 | 10.6 |
| E | .4 | 1.6 | .4 | | | .4 | | | | | | 2.9 | 8.4 |
| ESE | | 1.2 | | | | .8 | | | | | | 2.1 | 13.0 |
| SE | .8 | .4 | | | | | .4 | | | | | 1.6 | 9.8 |
| SSE | .8 | 2.1 | .8 | .4 | | .4 | | | | | | 4.5 | 7.4 |
| S | 2.5 | .4 | .4 | .4 | .4 | | .4 | | | | | 4.5 | 8.1 |
| SSW | 1.2 | .4 | .8 | .4 | | | | | | | | 2.9 | 6.0 |
| SW | 1.6 | .8 | | .4 | | .4 | | | | | | 3.3 | 6.8 |
| WSW | .8 | 1.2 | .8 | | | .4 | | | | | | 3.3 | 7.5 |
| W | 4.1 | 1.6 | 1.2 | 1.2 | | | | | | | | 8.2 | 5.5 |
| WNW | 4.5 | 2.5 | 2.1 | 2.9 | | | | | | | | 11.9 | 6.1 |
| NW | 4.5 | 5.3 | 3.3 | 1.6 | | .4 | | | | | | 15.2 | 6.2 |
| NNW | 3.7 | 2.1 | 1.6 | .4 | | | | | | | | 7.8 | 4.9 |
| VARIABLE | | | | | | | | | | | | | |
| CALM | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | ////// | 21.8 | ////// |
| TOTALS | 28.4 | 23.0 | 13.6 | 8.6 | .4 | 3.3 | .8 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS: 243

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART D CEILING VERSUS VISIBILITY

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

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

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

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the $\geq$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 | ≥ ½ | ≥ ⅜ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 ≥ 400 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 300 ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

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

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

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

## 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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PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 68.6 | 68.6 | 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 |
| GE 20000 | 71.9 | 71.9 | 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 |
| GE 18000 | 72.3 | 72.3 | 72.3 | 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 |
| GE 16000 | 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 | 72.6 | 72.6 | 72.6 |
| GE 14000 | 73.8 | 73.8 | 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 | 73.9 |
| GE 12000 | 76.8 | 76.8 | 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 |
| GE 10000 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 9000 | 81.9 | 81.9 | 81.9 | 81.9 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| GE 8000 | 82.3 | 82.3 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 7000 | 83.4 | 83.4 | 83.4 | 83.4 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 6000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 5000 | 92.7 | 92.9 | 93.0 | 93.1 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 4500 | 94.0 | 94.3 | 94.4 | 94.5 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 4000 | 96.8 | 97.2 | 97.3 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 3500 | 97.1 | 97.8 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 3000 | 97.4 | 98.4 | 98.5 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2500 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2000 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 97.5 | 98.5 | 98.7 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 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 | 71.8 |
| GE 14000 | 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 | 73.0 | 73.0 | 73.0 |
| GE 12000 | 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 |
| GE 10000 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 9000 | 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 |
| GE 8000 | 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 | 83.5 | 83.5 | 83.5 |
| GE 7000 | 84.0 | 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 |
| GE 6000 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.4 |
| GE 5000 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.8 |
| GE 4500 | 93.2 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.9 |
| GE 4000 | 96.5 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 |
| GE 3500 | 96.8 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 98.0 |
| GE 3000 | 97.3 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.6 |
| GE 2500 | 97.4 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 |
| GE 2000 | 97.4 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 |
| GE 1800 | 97.4 | 98.5 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 |
| GE 1500 | 97.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| GE 1200 | 97.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| GE 1000 | 97.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| GE 900 | 97.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| GE 800 | 97.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| GE 700 | 97.5 | 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 | 99.5 | 99.6 |
| GE 600 | 97.5 | 98.7 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 |
| GE 500 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 400 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 300 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 200 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 100 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| GE 0 | 97.5 | 98.7 | 99.1 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| GE 20000 | 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 | 72.0 | 72.0 |
| GE 18000 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 16000 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 14000 | 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 |
| GE 12000 | 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 | 75.3 | 75.3 |
| GE 10000 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| GE 9000 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| GE 8000 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 7000 | 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 | 84.5 |
| GE 6000 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 5000 | 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 |
| GE 4500 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 4000 | 95.5 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 3500 | 96.0 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 3000 | 96.2 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 2500 | 96.2 | 97.5 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 2000 | 96.2 | 97.6 | 98.0 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1800 | 96.2 | 97.6 | 98.0 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 1500 | 96.2 | 97.7 | 98.3 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| GE 1200 | 96.2 | 97.7 | 98.3 | 98.5 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| GE 1000 | 96.2 | 97.8 | 98.5 | 98.8 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 900 | 96.2 | 97.8 | 98.5 | 98.8 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 800 | 96.2 | 97.8 | 98.5 | 98.8 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 700 | 96.2 | 97.8 | 98.5 | 98.8 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 600 | 96.2 | 97.8 | 98.5 | 98.8 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 500 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 96.2 | 97.8 | 98.5 | 98.8 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 66.9 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 |
| GE 20000 | 73.7 | 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 | 74.1 | 74.1 |
| GE 18000 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 |
| GE 16000 | 74.7 | 74.8 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 |
| GE 14000 | 76.1 | 76.2 | 76.2 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 |
| GE 12000 | 78.6 | 78.7 | 78.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 |
| GE 10000 | 81.5 | 81.6 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 82.0 | 82.0 |
| GE 9000 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.1 | 83.1 |
| GE 8000 | 84.7 | 84.8 | 84.8 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 |
| GE 7000 | 86.8 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 |
| GE 6000 | 89.6 | 89.7 | 89.7 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.3 | 90.3 |
| GE 5000 | 93.3 | 93.5 | 93.5 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.2 | 94.2 |
| GE 4500 | 94.0 | 94.2 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.8 | 94.8 |
| GE 4000 | 95.7 | 95.9 | 96.3 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 |
| GE 3500 | 95.8 | 96.0 | 96.5 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 |
| GE 3000 | 96.6 | 96.8 | 97.2 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 |
| GE 2500 | 96.7 | 96.9 | 97.4 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 |
| GE 2000 | 96.9 | 97.2 | 98.0 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 |
| GE 1800 | 96.9 | 97.2 | 98.0 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 |
| GE 1500 | 97.1 | 97.4 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 |
| GE 1200 | 97.1 | 97.4 | 98.3 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 |
| GE 1000 | 97.1 | 97.4 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 |
| GE 900 | 97.1 | 97.4 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 |
| GE 800 | 97.1 | 97.4 | 98.4 | 98.8 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 |
| GE 700 | 97.1 | 97.4 | 98.4 | 98.8 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 |
| GE 600 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 |
| GE 500 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| GE 400 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| GE 300 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 200 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 100 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |
| GE 0 | 97.1 | 97.4 | 98.4 | 98.8 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| GE 20000 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| GE 18000 | 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 | 74.1 | 74.1 |
| GE 16000 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| GE 14000 | 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 | 76.1 | 76.1 |
| GE 12000 | 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 | 79.5 |
| GE 10000 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 9000 | 83.5 | 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 |
| GE 8000 | 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 | 84.8 | 84.8 | 84.8 |
| GE 7000 | 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 | 86.5 |
| GE 6000 | 89.2 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| GE 5000 | 93.0 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 4500 | 93.8 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 4000 | 95.9 | 96.6 | 96.8 | 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 |
| GE 3500 | 96.9 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 3000 | 97.5 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 2500 | 97.8 | 98.6 | 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 |
| GE 2000 | 97.8 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 97.8 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 97.8 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 97.8 | 98.6 | 99.0 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 97.8 | 98.6 | 99.1 | 99.4 | 99.6 | 99.6 | 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| GE 20000 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 18000 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| GE 16000 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 14000 | 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 | 75.8 | 75.8 |
| GE 12000 | 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 | 78.5 | 78.5 |
| GE 10000 | 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 | 82.8 |
| GE 9000 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 8000 | 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 | 84.8 |
| GE 7000 | 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 | 86.7 | 86.7 |
| GE 6000 | 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 | 91.0 | 91.0 | 91.0 |
| GE 5000 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 4500 | 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 | 96.1 | 96.1 |
| GE 4000 | 97.3 | 97.6 | 97.7 | 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 |
| GE 3500 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 3000 | 98.6 | 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 |
| GE 2500 | 98.7 | 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 |
| GE 2000 | 98.8 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 98.8 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 98.8 | 99.6 | 99.8 | 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 |
| GE 900 | 98.8 | 99.6 | 99.8 | 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 |
| GE 800 | 98.8 | 99.6 | 99.8 | 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 |
| GE 700 | 98.8 | 99.6 | 99.8 | 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 |
| GE 600 | 98.8 | 99.6 | 99.8 | 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 |
| GE 500 | 98.8 | 99.6 | 99.8 | 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 |
| GE 400 | 98.8 | 99.6 | 99.8 | 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 |
| GE 300 | 98.8 | 99.6 | 99.8 | 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 |
| GE 200 | 98.8 | 99.6 | 99.8 | 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 |
| GE 100 | 98.8 | 99.6 | 99.8 | 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 |
| GE 0 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| GE 20000 | 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 |
| GE 18000 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| GE 16000 | 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 |
| GE 14000 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| GE 12000 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| GE 10000 | 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 | 80.6 | 80.6 |
| GE 9000 | 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 | 81.8 | 81.8 |
| GE 8000 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 7000 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 6000 | 89.0 | 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 | 89.4 | 89.4 |
| GE 5000 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 4500 | 94.3 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4000 | 96.1 | 97.1 | 97.5 | 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 |
| GE 3500 | 96.2 | 97.5 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 3000 | 96.9 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2500 | 97.1 | 98.5 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2000 | 97.2 | 98.6 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1800 | 97.2 | 98.6 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 97.2 | 98.7 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 67.5 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| GE 20000 | 70.3 | 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 |
| GE 18000 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| GE 16000 | 70.7 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| GE 14000 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| GE 12000 | 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 | 75.8 | 75.8 |
| GE 10000 | 79.8 | 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 | 80.0 |
| GE 9000 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 8000 | 81.1 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 7000 | 82.6 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 6000 | 85.7 | 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 | 86.2 | 86.2 |
| GE 5000 | 91.0 | 91.5 | 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 |
| GE 4500 | 92.0 | 92.8 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 4000 | 95.0 | 96.1 | 96.4 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 3500 | 95.5 | 96.9 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 3000 | 96.0 | 97.7 | 98.2 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2500 | 97.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 97.0 | 98.9 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: JAN HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 |
| GE 20000 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| GE 18000 | 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 | 72.4 |
| GE 16000 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 14000 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 |
| GE 12000 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| GE 10000 | 80.7 | 80.8 | 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 | 80.9 |
| GE 9000 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 |
| GE 8000 | 83.2 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| GE 7000 | 84.8 | 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 | 85.0 | 85.0 |
| GE 6000 | 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 | 88.5 | 88.5 | 88.5 |
| GE 5000 | 92.7 | 93.0 | 93.0 | 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 |
| GE 4500 | 93.8 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 |
| GE 4000 | 96.1 | 96.8 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| GE 3500 | 96.5 | 97.4 | 97.6 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 |
| GE 3000 | 97.1 | 98.0 | 98.3 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2500 | 97.3 | 98.3 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| GE 2000 | 97.4 | 98.4 | 98.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1800 | 97.4 | 98.4 | 98.9 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| GE 1500 | 97.4 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | 97.4 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 |
| GE 1000 | 97.4 | 98.5 | 99.0 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 900 | 97.4 | 98.5 | 99.0 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 800 | 97.4 | 98.5 | 99.0 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 97.4 | 98.5 | 99.0 | 99.3 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 97.4 | 98.5 | 99.0 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| GE 500 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 97.4 | 98.5 | 99.0 | 99.3 | 99.7 | 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: 7437

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| GE 20000 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 18000 | 81.7 | 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 | 81.9 | 81.9 |
| GE 16000 | 81.7 | 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 | 81.9 | 81.9 |
| GE 14000 | 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 | 83.0 | 83.0 | 83.0 |
| GE 12000 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 10000 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 9000 | 87.6 | 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 |
| GE 8000 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 7000 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 6000 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 5000 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 4500 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 4000 | 96.7 | 97.3 | 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 |
| GE 3500 | 97.2 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3000 | 97.5 | 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 |
| GE 2500 | 97.6 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2000 | 98.1 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1800 | 98.1 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1500 | 98.2 | 98.9 | 99.3 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1200 | 98.4 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | 98.4 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 98.4 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.4 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 76.3 | 76.6 | 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 |
| GE 20000 | 79.7 | 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 | 80.1 | 80.1 |
| GE 18000 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 16000 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 14000 | 80.8 | 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 |
| GE 12000 | 82.6 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 10000 | 83.5 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 9000 | 84.6 | 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 | 84.9 |
| GE 8000 | 85.0 | 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 |
| GE 7000 | 85.6 | 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 |
| GE 6000 | 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 | 88.1 | 88.1 | 88.1 |
| GE 5000 | 92.7 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 4500 | 93.6 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 4000 | 94.9 | 96.1 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 3500 | 95.5 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 3000 | 96.6 | 98.0 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2500 | 96.7 | 98.1 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2000 | 97.1 | 98.7 | 99.2 | 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 |
| GE 1800 | 97.1 | 98.7 | 99.2 | 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 |
| GE 1500 | 97.1 | 98.8 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 97.2 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 97.2 | 98.9 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| GE 20000 | 79.7 | 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 |
| GE 18000 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| GE 16000 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| GE 14000 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| GE 12000 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 10000 | 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 |
| GE 9000 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 8000 | 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 |
| GE 7000 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| GE 6000 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 5000 | 93.9 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 4500 | 94.1 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 4000 | 95.4 | 95.8 | 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 |
| GE 3500 | 96.3 | 96.7 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 3000 | 97.3 | 97.8 | 98.1 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2500 | 97.8 | 98.2 | 98.6 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2000 | 98.2 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 98.2 | 98.8 | 99.2 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.2 | 98.9 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 73.5 | 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 | 73.6 |
| GE 20000 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| GE 18000 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| GE 16000 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 14000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 12000 | 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 | 85.3 | 85.3 | 85.3 |
| GE 10000 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 9000 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 8000 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 7000 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 6000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 5000 | 94.3 | 94.7 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| GE 4500 | 95.4 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 4000 | 97.2 | 97.5 | 97.5 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3500 | 97.5 | 98.1 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 3000 | 98.0 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 2500 | 98.0 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 2000 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.0 | 99.2 | 99.4 | 99.6 | 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: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 71.3 | 71.3 |
| GE 20000 | 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 |
| GE 18000 | 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 | 81.6 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 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 | 85.7 |
| GE 10000 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 9000 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 8000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 7000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 6000 | 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 |
| GE 5000 | 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 | 94.8 | 94.8 |
| GE 4500 | 95.5 | 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 |
| GE 4000 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 3500 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 3000 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 2500 | 98.8 | 98.9 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 2000 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1800 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1500 | 99.1 | 99.2 | 99.5 | 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 |
| GE 1200 | 99.1 | 99.2 | 99.5 | 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 |
| GE 1000 | 99.1 | 99.2 | 99.5 | 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 |
| GE 900 | 99.1 | 99.2 | 99.5 | 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 |
| GE 800 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| GE 20000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 18000 | 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 | 79.5 | 79.5 |
| GE 16000 | 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 | 79.9 |
| GE 14000 | 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 | 83.3 |
| GE 12000 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.8 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 10000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 9000 | 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 | 88.3 |
| GE 8000 | 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 |
| GE 7000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 6000 | 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 |
| GE 5000 | 94.8 | 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 | 95.2 | 95.2 |
| GE 4500 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 4000 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 3500 | 97.1 | 97.3 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 3000 | 98.0 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 2500 | 98.0 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 2000 | 98.7 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 98.7 | 99.1 | 99.1 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 98.8 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.8 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.9 | 99.3 | 99.3 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.9 | 99.3 | 99.3 | 99.5 | 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: 849

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| GE 20000 | 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 |
| GE 18000 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 16000 | 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 |
| GE 14000 | 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 | 83.3 |
| GE 12000 | 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 |
| GE 10000 | 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 | 88.1 |
| GE 9000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 8000 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 7000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 6000 | 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 |
| GE 5000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 4500 | 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 | 96.3 |
| GE 4000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 3500 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 3000 | 98.0 | 98.1 | 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 |
| GE 2500 | 98.0 | 98.1 | 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 |
| GE 2000 | 98.2 | 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 | 99.4 | 99.4 |
| GE 1800 | 98.2 | 98.7 | 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 |
| GE 1500 | 98.2 | 98.8 | 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 |
| GE 1200 | 98.2 | 98.8 | 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 |
| GE 1000 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 98.2 | 98.9 | 99.3 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 98.2 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.2 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.2 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.2 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.2 | 99.1 | 99.4 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOUR$(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 76.1 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 12000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| GE 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 |
| GE 9000 | 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 |
| GE 8000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 7000 | 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 | 90.3 |
| GE 6000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 5000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 4500 | 97.1 | 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 | 97.5 |
| GE 4000 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 3500 | 97.6 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 3000 | 98.0 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2500 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2000 | 98.5 | 98.9 | 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 |
| GE 1800 | 98.5 | 98.9 | 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 |
| GE 1500 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1000 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 98.6 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.6 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 98.6 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 98.6 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.6 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 848

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: FEB HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 | 80.6 |
| GE 18000 | 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 | 80.9 | 80.9 | 80.9 |
| GE 16000 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 14000 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 12000 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 10000 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| GE 9000 | 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 | 87.6 |
| GE 8000 | 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 | 88.4 |
| GE 7000 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 6000 | 90.8 | 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 | 90.9 |
| GE 5000 | 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 | 94.8 |
| GE 4500 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 4000 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 3500 | 97.0 | 97.4 | 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 |
| GE 3000 | 97.8 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2500 | 97.9 | 98.4 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 2000 | 98.2 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1800 | 98.2 | 98.9 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1500 | 98.3 | 99.0 | 99.3 | 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 |
| GE 1200 | 98.3 | 99.0 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 98.3 | 99.1 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 98.3 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.3 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 98.3 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 98.3 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 98.3 | 99.1 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.3 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.3 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.3 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.3 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.3 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 6790

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| GE 20000 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| GE 18000 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| GE 16000 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 14000 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| GE 12000 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 10000 | 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 | 87.4 |
| GE 9000 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 8000 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 7000 | 89.2 | 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 | 89.5 |
| GE 6000 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 5000 | 95.5 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 4500 | 96.2 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 4000 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 3500 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 3000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 73.5 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 20000 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 18000 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 16000 | 79.2 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| GE 14000 | 80.1 | 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 |
| GE 12000 | 84.2 | 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 |
| GE 10000 | 86.3 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 9000 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 8000 | 87.7 | 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 |
| GE 7000 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| GE 6000 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 5000 | 94.7 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 4500 | 95.7 | 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 |
| GE 4000 | 97.1 | 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 |
| GE 3500 | 97.6 | 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 |
| GE 3000 | 98.7 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | 99.0 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.0 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.0 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.1 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 71.8 | 71.9 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| GE 20000 | 77.4 | 77.5 | 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 |
| GE 18000 | 78.1 | 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 |
| GE 16000 | 78.2 | 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 | 78.6 | 78.6 |
| GE 14000 | 79.5 | 79.6 | 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 |
| GE 12000 | 84.4 | 84.5 | 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 |
| GE 10000 | 86.9 | 87.0 | 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 |
| GE 9000 | 87.4 | 87.5 | 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 |
| GE 8000 | 88.0 | 88.1 | 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 |
| GE 7000 | 88.6 | 88.7 | 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 |
| GE 6000 | 90.6 | 90.8 | 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 |
| GE 5000 | 95.2 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 4500 | 95.6 | 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 | 96.2 | 96.2 |
| GE 4000 | 96.5 | 96.8 | 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 |
| GE 3500 | 97.0 | 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 | 97.6 | 97.6 |
| GE 3000 | 97.8 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2500 | 98.5 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 2000 | 98.5 | 98.9 | 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 |
| GE 1800 | 98.5 | 98.9 | 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 |
| GE 1500 | 98.7 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 98.7 | 99.1 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.7 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 73.1 | 73.3 | 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 |
| GE 20000 | 80.0 | 80.2 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 18000 | 80.5 | 80.8 | 80.8 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 16000 | 80.6 | 80.9 | 80.9 | 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 |
| GE 14000 | 82.7 | 82.9 | 82.9 | 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 |
| GE 12000 | 86.8 | 87.0 | 87.0 | 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 |
| GE 10000 | 88.6 | 88.8 | 88.8 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 9000 | 88.8 | 89.0 | 89.0 | 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 |
| GE 8000 | 89.0 | 89.2 | 89.2 | 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 |
| GE 7000 | 90.2 | 90.4 | 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 |
| GE 6000 | 92.0 | 92.3 | 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 |
| GE 5000 | 94.6 | 94.8 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 4500 | 95.2 | 95.4 | 95.4 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 4000 | 96.9 | 97.1 | 97.1 | 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 |
| GE 3500 | 97.6 | 98.1 | 98.1 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 3000 | 98.3 | 98.7 | 98.7 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2500 | 98.6 | 99.0 | 99.0 | 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 |
| GE 2000 | 98.6 | 99.0 | 99.0 | 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 |
| GE 1800 | 98.9 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 99.0 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.0 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 66.7 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| GE 20000 | 78.2 | 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 | 78.6 |
| GE 18000 | 79.0 | 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 |
| GE 16000 | 79.4 | 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 |
| GE 14000 | 81.2 | 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 |
| GE 12000 | 84.0 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 10000 | 86.0 | 86.3 | 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 |
| GE 9000 | 86.2 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 8000 | 87.2 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 7000 | 88.0 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 6000 | 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 | 92.0 |
| GE 5000 | 95.5 | 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 | 95.9 |
| GE 4500 | 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 | 96.3 | 96.3 | 96.3 |
| GE 4000 | 97.6 | 98.0 | 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 |
| GE 3500 | 98.6 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 3000 | 98.9 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2500 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.2 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 65.9 | 65.9 |
| GE 20000 | 78.7 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| GE 18000 | 79.2 | 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 |
| GE 16000 | 79.2 | 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 |
| GE 14000 | 81.3 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 12000 | 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 |
| GE 10000 | 85.7 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 9000 | 85.7 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| GE 8000 | 87.2 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 7000 | 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 | 88.7 | 88.7 | 88.7 |
| GE 6000 | 92.3 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 5000 | 95.4 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 4500 | 96.0 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 4000 | 97.2 | 97.8 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 3500 | 97.4 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 3000 | 98.0 | 98.8 | 99.0 | 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 |
| GE 2500 | 98.3 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2000 | 98.4 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 98.4 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 98.4 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 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 | 72.0 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 10000 | 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 |
| GE 9000 | 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 |
| GE 8000 | 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 | 91.6 |
| GE 7000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 6000 | 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 | 94.4 |
| GE 5000 | 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 | 96.3 |
| GE 4500 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 4000 | 97.2 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 3500 | 97.5 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 3000 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2500 | 98.4 | 98.8 | 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 |
| GE 2000 | 98.4 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 98.4 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 98.5 | 98.9 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.6 | 99.0 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| GE 20000 | 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 |
| GE 18000 | 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 | 82.5 |
| GE 16000 | 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 | 82.5 |
| GE 14000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 12000 | 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 | 86.9 |
| GE 10000 | 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 |
| GE 9000 | 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 |
| GE 8000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 7000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 6000 | 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 |
| GE 5000 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 4500 | 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 | 97.3 | 97.3 | 97.3 |
| GE 4000 | 98.1 | 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 | 98.2 |
| GE 3500 | 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 | 98.6 | 98.6 |
| GE 3000 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 2500 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2000 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100. |
| GE 1200 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: MAR HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 71.8 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| GE 20000 | 79.8 | 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 | 80.1 | 80.1 |
| GE 18000 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 16000 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| GE 14000 | 82.0 | 82.2 | 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 |
| GE 12000 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 10000 | 87.5 | 87.7 | 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 |
| GE 9000 | 87.9 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 8000 | 88.8 | 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 |
| GE 7000 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 6000 | 92.3 | 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 | 92.6 | 92.6 |
| GE 5000 | 95.5 | 95.8 | 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 |
| GE 4500 | 96.1 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 4000 | 97.2 | 97.5 | 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 |
| GE 3500 | 97.8 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 3000 | 98.6 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 2500 | 98.8 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | 98.9 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 99.0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.0 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7940

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 18000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 16000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 14000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 12000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 10000 | 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 | 94.8 |
| GE 9000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 8000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 7000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 6000 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 5000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4000 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3500 | 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 | 99.7 | 99.7 |
| GE 3000 | 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 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 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 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 87.3 |
| GE 20000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 18000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 16000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 14000 | 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 |
| GE 12000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 10000 | 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 |
| GE 9000 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 8000 | 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 | 95.6 |
| GE 7000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 6000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 5000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 4500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | 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 | 99.8 |
| GE 2500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 86.9 |
| GE 20000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 18000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 16000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 14000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 12000 | 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 |
| GE 10000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 9000 | 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 |
| GE 8000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 7000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 6000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 5000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 4000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3500 | 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 | 99.6 | 99.6 | 99.6 |
| GE 3000 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2500 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2000 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 99.7 | 99.8 | 99.8 | 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 |
| GE 1200 | 99.7 | 99.8 | 99.8 | 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 |
| GE 1000 | 99.7 | 99.8 | 99.8 | 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 |
| GE 900 | 99.7 | 99.8 | 99.8 | 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 |
| GE 800 | 99.7 | 99.8 | 99.8 | 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 |
| GE 700 | 99.7 | 99.8 | 99.8 | 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 |
| GE 600 | 99.7 | 99.8 | 99.8 | 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 |
| GE 500 | 99.7 | 99.8 | 99.8 | 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 |
| GE 400 | 99.7 | 99.8 | 99.8 | 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 |
| GE 300 | 99.7 | 99.8 | 99.8 | 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 |
| GE 200 | 99.7 | 99.8 | 99.8 | 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 |
| GE 100 | 99.7 | 99.8 | 99.8 | 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 |
| GE 0 | 99.7 | 99.8 | 99.8 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 20000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 18000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 16000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 14000 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 12000 | 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 |
| GE 10000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 9000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 8000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 7000 | 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 |
| GE 6000 | 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 |
| GE 5000 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 4500 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 4000 | 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 | 99.0 |
| GE 3500 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 | 89.4 |
| GE 18000 | 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 | 89.4 |
| GE 16000 | 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 |
| GE 14000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 12000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 10000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 9000 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 8000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 7000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 6000 | 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 | 96.8 | 96.8 | 96.8 |
| GE 5000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 4500 | 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 | 98.8 | 98.8 | 98.8 |
| GE 4000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 20000 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| GE 18000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 16000 | 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 | 88.1 |
| GE 14000 | 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 |
| GE 12000 | 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 | 90.3 |
| GE 10000 | 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 |
| GE 9000 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 8000 | 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 |
| GE 7000 | 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 | 94.3 | 94.3 |
| GE 6000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 5000 | 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 | 99.0 | 99.0 |
| GE 4500 | 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 | 99.0 | 99.0 |
| GE 4000 | 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 | 99.4 |
| GE 3500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 3000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 20000 | 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 | 88.1 |
| GE 18000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 16000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 14000 | 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 | 89.4 |
| GE 12000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 10000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 9000 | 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 |
| GE 8000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 7000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 6000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 5000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 4500 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4000 | 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 | 99.8 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 18000 | 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 | 89.1 |
| GE 16000 | 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 | 89.1 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 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 | 94.4 |
| GE 9000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 8000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 7000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 6000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 5000 | 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 | 99.0 | 99.0 |
| GE 4500 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 4000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.. | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

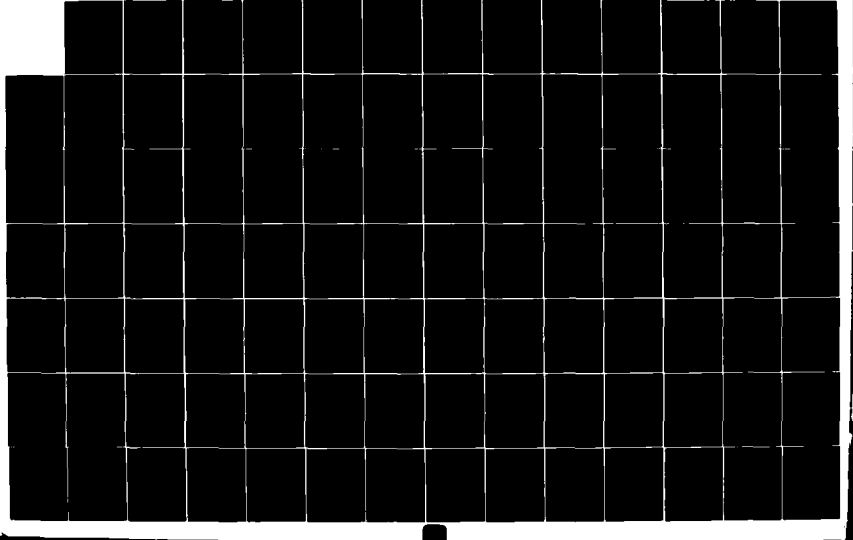
PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): ALL

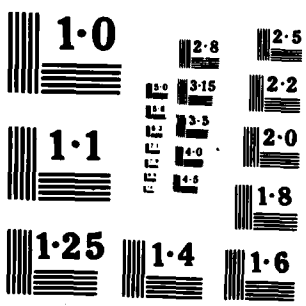
| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 20000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 90.8 |
| GE 12000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 10000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 9000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 8000 | 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 | 94.3 | 94.3 |
| GE 7000 | 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 | 95.4 |
| GE 6000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 5000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 4000 | 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 | 99.4 |
| GE 3500 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | 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 | 99.9 | 99.9 |
| GE 2500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 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 | 100.0 |
| GE 1200 | 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 | 100.0 |
| GE 1000 | 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 | 100.0 |
| GE 900 | 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 | 100.0 |
| GE 800 | 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 | 100.0 |
| GE 700 | 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 | 100.0 |
| GE 600 | 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 | 100.0 |
| GE 500 | 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 | 100.0 |
| GE 400 | 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 | 100.0 |
| GE 300 | 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 | 100.0 |
| GE 200 | 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 | 100.0 |
| GE 100 | 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 | 100.0 |
| GE 0 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7193

AD A159 644 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5
4·0
4·5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 76-85
MONTH: APR HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 20000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 90.8 |
| GE 12000 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 10000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 9000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 8000 | 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 | 94.3 | 94.3 |
| GE 7000 | 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 | 95.4 |
| GE 6000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 5000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 4000 | 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 | 99.4 |
| GE 3500 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 3000 | 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 | 99.9 | 99.9 |
| GE 2500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 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 | 100.0 |
| GE 1200 | 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 | 100.0 |
| GE 1000 | 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 | 100.0 |
| GE 900 | 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 | 100.0 |
| GE 800 | 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 | 100.0 |
| GE 700 | 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 | 100.0 |
| GE 600 | 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 | 100.0 |
| GE 500 | 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 | 100.0 |
| GE 400 | 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 | 100.0 |
| GE 300 | 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 | 100.0 |
| GE 200 | 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 | 100.0 |
| GE 100 | 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 | 100.0 |
| GE 0 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7193

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 20000 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 18000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 16000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 14000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 12000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 10000 | 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 |
| GE 9000 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 8000 | 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 | 97.5 |
| GE 7000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 6000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 20000 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 94.4 |
| GE 12000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 10000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 9000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 8000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 7000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 6000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 88.3 |
| GE 20000 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 18000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 16000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 14000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 12000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 10000 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 9000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 8000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 7000 | 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 | 99.0 | 99.0 |
| GE 6000 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4500 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4000 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 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 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 89.0 |
| GE 20000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 18000 | 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 | 94.3 | 94.3 |
| GE 16000 | 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 | 94.3 | 94.3 |
| GE 14000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 12000 | 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 | 97.5 |
| GE 10000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 9000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 8000 | 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 | 99.0 | 99.0 |
| GE 7000 | 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 | 99.4 |
| GE 6000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4000 | 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 | 99.8 |
| GE 3500 | 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 | 99.8 |
| GE 3000 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 20000 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| GE 18000 | 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 | 90.4 | 90.4 |
| GE 16000 | 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 |
| GE 14000 | 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 | 91.6 |
| GE 12000 | 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 | 93.8 | 93.8 |
| GE 10000 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 9000 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 8000 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 7000 | 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 | 98.2 |
| GE 6000 | 99.1 | 99.2 | 99.2 | 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 |
| GE 5000 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4500 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 78.1 | 78.1 |
| GE 20000 | 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 | 86.1 | 86.1 | 86.1 |
| GE 18000 | 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 |
| GE 16000 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 14000 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| GE 12000 | 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 | 89.2 | 89.2 |
| GE 10000 | 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 |
| GE 9000 | 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 | 91.4 |
| GE 8000 | 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 | 92.4 | 92.4 |
| GE 7000 | 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 | 96.8 |
| GE 6000 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 82.5 |
| GE 20000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 18000 | 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 | 90.3 |
| GE 16000 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 14000 | 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 | 91.6 |
| GE 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| GE 10000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 9000 | 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 |
| GE 8000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 7000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 6000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 86.6 |
| GE 20000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 18000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 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 | 94.8 |
| GE 9000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 8000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 7000 | 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 |
| GE 6000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: MAY HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| GE 20000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 18000 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 16000 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| GE 14000 | 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 |
| GE 12000 | 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 | 94.4 |
| GE 10000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 9000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 8000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 7000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 6000 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4500 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 7/8 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 14000 | 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 | 96.3 |
| GE 12000 | 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 |
| GE 10000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 9000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 8000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 7000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 20000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 18000 | 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 | 94.7 |
| GE 16000 | 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 | 94.7 |
| GE 14000 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| GE 12000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 10000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 9000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 8000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 7000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 20000 | 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 | 93.4 |
| GE 18000 | 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 |
| GE 16000 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 9000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 8000 | 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 | 99.0 | 99.0 |
| GE 7000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 |
| GE 18000 | 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 | 95.4 |
| GE 16000 | 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 | 95.4 |
| GE 14000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 12000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 10000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 9000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 8000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 7000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 20000 | 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 | 94.3 | 94.3 |
| GE 18000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 16000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 9000 | 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 |
| GE 8000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 7000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 6000 | 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 | 99.8 |
| GE 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| GE 20000 | 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 |
| GE 18000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 16000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 14000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 12000 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 10000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 9000 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 8000 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 7000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 6000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 80.6 | 80.6 |
| GE 20000 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 18000 | 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 |
| GE 16000 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 14000 | 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 |
| GE 12000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 10000 | 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 | 94.3 | 94.3 |
| GE 9000 | 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 | 95.3 |
| GE 8000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 |
| GE 7000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| GE 6000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 4500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 3000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 900 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 800 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 700 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 600 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 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 | 86.6 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 14000 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| GE 12000 | 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 | 96.3 |
| GE 10000 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 9000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 8000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 7000 | 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 | 99.4 |
| GE 6000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUN HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 20000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 18000 | 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 | 92.8 |
| GE 16000 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 14000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 12000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 10000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 9000 | 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 | 97.5 |
| GE 8000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 7000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 6000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| GE 20000 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 18000 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| GE 16000 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| GE 14000 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 12000 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 10000 | 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 | 86.2 | 86.2 | 86.2 |
| GE 9000 | 87.5 | 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 |
| GE 8000 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 7000 | 94.8 | 94.8 | 94.9 | 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 |
| GE 6000 | 98.5 | 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 |
| GE 5000 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4500 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4000 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 |
| GE 20000 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 |
| GE 18000 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| GE 16000 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| GE 14000 | 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 |
| GE 12000 | 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 | 85.9 |
| GE 10000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 9000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 8000 | 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 | 93.4 |
| GE 7000 | 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 | 97.4 |
| GE 6000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 5000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| GE 20000 | 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 |
| GE 18000 | 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 | 68.7 | 68.7 |
| GE 16000 | 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 | 69.1 |
| GE 14000 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 12000 | 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 | 88.3 |
| GE 10000 | 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 | 94.4 |
| GE 9000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 8000 | 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 | 96.9 | 96.9 | 96.9 |
| GE 7000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| GE 6000 | 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 | 99.5 | 99.5 | |
| GE 5000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 4500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 4000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 3500 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 3000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 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 |
| GE 20000 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 18000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 16000 | 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 |
| GE 14000 | 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 | 82.5 |
| GE 12000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 10000 | 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 | 96.3 |
| GE 9000 | 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 |
| GE 8000 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 7000 | 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 | 99.0 | 99.0 |
| GE 6000 | 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 | 99.7 | 99.7 |
| GE 5000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

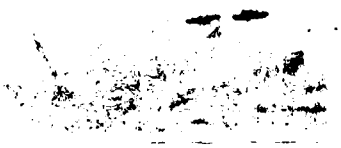
PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| GE 20000 | 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 |
| GE 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 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 10000 | 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 |
| GE 9000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 8000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 7000 | 99.2 | 99.4 | 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 | 99.5 |
| GE 6000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 5000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 4500 | 99.8 | 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 | 100.0 | 100.0 |
| GE 4000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 3500 | 99.8 | 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 | 100.0 | 100.0 |
| GE 3000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 2500 | 99.8 | 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 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 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 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 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 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 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 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 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 | 100.0 | 100.0 |
| GE 900 | 99.8 | 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 | 100.0 | 100.0 |
| GE 800 | 99.8 | 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 | 100.0 | 100.0 |
| GE 700 | 99.8 | 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 | 100.0 | 100.0 |
| GE 600 | 99.8 | 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 | 100.0 | 100.0 |
| GE 500 | 99.8 | 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 | 100.0 | 100.0 |
| GE 400 | 99.8 | 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 | 100.0 | 100.0 |
| GE 300 | 99.8 | 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 | 100.0 | 100.0 |
| GE 200 | 99.8 | 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 | 100.0 | 100.0 |
| GE 100 | 99.8 | 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 | 100.0 | 100.0 |
| GE 0 | 99.8 | 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 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| GE 20000 | 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 | 68.7 |
| GE 18000 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| GE 16000 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| GE 14000 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| GE 12000 | 84.9 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 10000 | 89.4 | 89.5 | 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 |
| GE 9000 | 90.3 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 |
| GE 8000 | 93.3 | 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 | 93.9 | 93.9 |
| GE 7000 | 97.8 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| GE 6000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 5000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 4500 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 4000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 3500 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 3000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 2500 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 2000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1800 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1500 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1200 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 1000 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 900 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 800 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 700 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 600 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 500 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 99.2 | 99.4 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 | 38.1 |
| GE 20000 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 18000 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| GE 16000 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| GE 14000 | 65.9 | 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 | 66.0 |
| GE 12000 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| GE 10000 | 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 | 83.1 |
| GE 9000 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 8000 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 7000 | 95.5 | 95.6 | 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 |
| GE 6000 | 98.1 | 98.3 | 98.5 | 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 |
| GE 5000 | 98.7 | 98.9 | 99.1 | 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 |
| GE 4500 | 98.9 | 99.1 | 99.4 | 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 |
| GE 4000 | 98.9 | 99.1 | 99.4 | 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 |
| GE 3500 | 98.9 | 99.1 | 99.4 | 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 |
| GE 3000 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | 99.0 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 |
| GE 20000 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| GE 18000 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 |
| GE 16000 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| GE 14000 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| GE 12000 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| GE 10000 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 9000 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 8000 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| GE 7000 | 94.1 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 6000 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 5000 | 98.3 | 98.7 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4500 | 98.4 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 98.4 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 98.4 | 98.9 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.7 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: JUL HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| GE 20000 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| GE 18000 | 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 | 67.2 |
| GE 16000 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 14000 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| GE 12000 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| GE 10000 | 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 |
| GE 9000 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 8000 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 7000 | 97.1 | 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 | 97.4 | 97.4 |
| GE 6000 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 5000 | 99.3 | 99.4 | 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 |
| GE 4500 | 99.4 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 4000 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7440



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 10000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 9000 | 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 | 91.6 |
| GE 8000 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 7000 | 95.6 | 95.8 | 95.8 | 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 |
| GE 6000 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 5000 | 99.2 | 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 |
| GE 4500 | 99.2 | 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 |
| GE 4000 | 99.5 | 99.7 | 99.8 | 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 |
| GE 3500 | 99.5 | 99.7 | 99.8 | 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 |
| GE 3000 | 99.5 | 99.7 | 99.8 | 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 |
| GE 2500 | 99.5 | 99.7 | 99.8 | 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 |
| GE 2000 | 99.5 | 99.7 | 99.8 | 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 |
| GE 1800 | 99.5 | 99.7 | 99.8 | 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 |
| GE 1500 | 99.5 | 99.7 | 99.8 | 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 |
| GE 1200 | 99.5 | 99.7 | 99.8 | 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 |
| GE 1000 | 99.5 | 99.7 | 99.8 | 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 |
| GE 900 | 99.5 | 99.7 | 99.8 | 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 |
| GE 800 | 99.5 | 99.7 | 99.8 | 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 |
| GE 700 | 99.5 | 99.7 | 99.8 | 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 |
| GE 600 | 99.5 | 99.7 | 99.8 | 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 |
| GE 500 | 99.5 | 99.7 | 99.8 | 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 |
| GE 400 | 99.5 | 99.7 | 99.8 | 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 |
| GE 300 | 99.5 | 99.7 | 99.8 | 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 |
| GE 200 | 99.5 | 99.7 | 99.8 | 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 |
| GE 100 | 99.5 | 99.7 | 99.8 | 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 |
| GE 0 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 72.3 | 72.3 | 72.3 |
| GE 20000 | 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 | 78.2 |
| GE 18000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 16000 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| GE 14000 | 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 |
| GE 12000 | 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 | 90.8 |
| GE 10000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 9000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 8000 | 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 |
| GE 7000 | 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 | 97.5 |
| GE 6000 | 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 | 99.0 | 99.0 |
| GE 5000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 74.4 |
| GE 20000 | 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 |
| GE 18000 | 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 | 80.6 | 80.6 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 10000 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 9000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 8000 | 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 | 95.6 |
| GE 7000 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 6000 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 5000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 4500 | 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 | 99.0 | 99.0 |
| GE 4000 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3500 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 3000 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| GE 20000 | 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 | 87.3 |
| GE 18000 | 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 |
| GE 16000 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| GE 14000 | 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 |
| GE 12000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 10000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 9000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 8000 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 7000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 6000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 5000 | 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 | 99.8 |
| GE 4500 | 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 | 99.8 |
| GE 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 100.0 | 100.0 | 100.0 | 100.0 | 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



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| GE 20000 | 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 |
| GE 18000 | 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 | 86.9 |
| GE 16000 | 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 | 86.9 |
| GE 14000 | 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 | 88.3 |
| GE 12000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 10000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 9000 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 8000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 7000 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 6000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 5000 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 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 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 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 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 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 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 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 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 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 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 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 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 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 | 100.0 | 100.0 | 100.0 |
| GE 900 | 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 | 100.0 | 100.0 | 100.0 |
| GE 800 | 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 | 100.0 | 100.0 | 100.0 |
| GE 700 | 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 | 100.0 | 100.0 | 100.0 |
| GE 600 | 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 | 100.0 | 100.0 | 100.0 |
| GE 500 | 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 | 100.0 | 100.0 | 100.0 |
| GE 400 | 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 | 100.0 | 100.0 | 100.0 |
| GE 300 | 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 | 100.0 | 100.0 | 100.0 |
| GE 200 | 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 | 100.0 | 100.0 | 100.0 |
| GE 100 | 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 | 100.0 | 100.0 | 100.0 |
| GE 0 | 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 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| GE 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 |
| GE 18000 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 16000 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| GE 14000 | 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 |
| GE 12000 | 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 | 87.0 |
| GE 10000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 9000 | 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 |
| GE 8000 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 7000 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 6000 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 5000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4500 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4000 | 99.4 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 3500 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| GE 20000 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| GE 18000 | 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 | 68.0 |
| GE 16000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| GE 14000 | 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 |
| GE 12000 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| GE 10000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 9000 | 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 | 90.3 |
| GE 8000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| GE 7000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 6000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4500 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4000 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: AUG HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| GE 20000 | 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 | 69.1 |
| GE 18000 | 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 | 69.1 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| GE 10000 | 89.5 | 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 |
| GE 9000 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 8000 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 7000 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 6000 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 5000 | 99.4 | 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 |
| GE 4500 | 99.4 | 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 |
| GE 4000 | 99.4 | 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 |
| GE 3500 | 99.4 | 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 |
| GE 3000 | 99.4 | 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 |
| GE 2500 | 99.4 | 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 |
| GE 2000 | 99.4 | 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 |
| GE 1800 | 99.4 | 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 |
| GE 1500 | 99.4 | 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 |
| GE 1200 | 99.4 | 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 |
| GE 1000 | 99.4 | 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 |
| GE 900 | 99.4 | 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 |
| GE 800 | 99.4 | 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 |
| GE 700 | 99.4 | 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 |
| GE 600 | 99.4 | 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 |
| GE 500 | 99.4 | 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 |
| GE 400 | 99.4 | 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 |
| GE 300 | 99.4 | 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 |
| GE 200 | 99.4 | 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 |
| GE 100 | 99.4 | 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 |
| GE 0 | 99.4 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

*PERIOD OF RECORD:* 75-84
MONTH: AUG HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| GE 20000 | 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 | 77.2 | 77.2 |
| GE 18000 | 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 |
| GE 16000 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| GE 14000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 12000 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| GE 10000 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 9000 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 8000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 7000 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| GE 6000 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 5000 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 4500 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.6 | 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 | 99.9 |
| GE 3000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| GE 20000 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| GE 18000 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 16000 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| GE 14000 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 12000 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| GE 10000 | 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 | 93.8 | 93.8 | 93.8 |
| GE 9000 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| GE 8000 | 95.4 | 95.4 | 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 |
| GE 7000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| GE 6000 | 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 | 99.1 |
| GE 5000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 4500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 4000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 20000 | 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 | 82.4 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 12000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 10000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 9000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| GE 8000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 7000 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 6000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 5000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 18000 | 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 | 85.7 |
| GE 16000 | 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 | 85.7 |
| GE 14000 | 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 | 87.0 |
| GE 12000 | 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 |
| GE 10000 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 9000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 8000 | 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 |
| GE 7000 | 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 | 98.6 | 98.6 |
| GE 6000 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 5000 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 960

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| GE 20000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 18000 | 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 | 88.1 |
| GE 16000 | 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 | 88.1 |
| GE 14000 | 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 | 89.1 |
| GE 12000 | 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 | 94.8 |
| GE 10000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 9000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 8000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 7000 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 6000 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 5000 | 99.4 | 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 | 99.7 |
| GE 4500 | 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 | 100.0 |
| GE 4000 | 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 | 100.0 |
| GE 3500 | 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 | 100.0 |
| GE 3000 | 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 | 100.0 |
| GE 2500 | 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 | 100.0 |
| GE 2000 | 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 | 100.0 |
| GE 1800 | 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 | 100.0 |
| GE 1500 | 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 | 100.0 |
| GE 1200 | 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 | 100.0 |
| GE 1000 | 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 | 100.0 |
| GE 900 | 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 | 100.0 |
| GE 800 | 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 | 100.0 |
| GE 700 | 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 | 100.0 |
| GE 600 | 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 | 100.0 |
| GE 500 | 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 | 100.0 |
| GE 400 | 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 | 100.0 |
| GE 300 | 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 | 100.0 |
| GE 200 | 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 | 100.0 |
| GE 100 | 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 | 100.0 |
| GE 0 | 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 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 | 83.7 |
| GE 18000 | 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 | 84.0 |
| GE 16000 | 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 | 84.2 |
| GE 14000 | 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 | 86.6 |
| GE 12000 | 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 | 92.8 |
| GE 10000 | 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 |
| GE 9000 | 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 | 94.3 | 94.3 |
| GE 8000 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 7000 | 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 |
| GE 6000 | 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 | 99.0 |
| GE 5000 | 99.0 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 4500 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| GE 20000 | 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 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 83.3 |
| GE 12000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| GE 10000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 9000 | 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 | 91.6 |
| GE 8000 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 7000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 6000 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| GE 5000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 4500 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 4000 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| GE 3500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| GE 3000 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| GE 2500 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 2000 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1800 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1500 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1200 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 1000 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 900 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 800 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 700 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 600 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 500 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 400 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 300 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 200 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 100 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| GE 0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 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 |
| GE 20000 | 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 | 77.2 | 77.2 |
| GE 18000 | 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 | 77.2 | 77.2 |
| GE 16000 | 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 | 77.2 | 77.2 |
| GE 14000 | 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 |
| GE 12000 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 10000 | 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 | 90.6 | 90.6 |
| GE 9000 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 8000 | 92.0 | 92.0 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| GE 7000 | 94.3 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 6000 | 98.4 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 5000 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2500 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2000 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 98.8 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| GE 20000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 18000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 16000 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 14000 | 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 |
| GE 12000 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| GE 10000 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| GE 9000 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 8000 | 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 | 94.4 | 94.4 |
| GE 7000 | 96.0 | 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 | 96.2 | 96.2 |
| GE 6000 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 5000 | 99.4 | 99.4 | 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 |
| GE 4500 | 99.4 | 99.4 | 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 |
| GE 4000 | 99.4 | 99.4 | 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 |
| GE 3500 | 99.4 | 99.4 | 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 |
| GE 3000 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.8 | 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 |
| GE 2000 | 99.8 | 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 |
| GE 1800 | 99.8 | 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 |
| GE 1500 | 99.8 | 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 |
| GE 1200 | 99.8 | 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 |
| GE 1000 | 99.8 | 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 |
| GE 900 | 99.8 | 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 |
| GE 800 | 99.8 | 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 |
| GE 700 | 99.8 | 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 |
| GE 600 | 99.8 | 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 |
| GE 500 | 99.8 | 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 |
| GE 400 | 99.8 | 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 |
| GE 300 | 99.8 | 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 |
| GE 200 | 99.8 | 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 |
| GE 100 | 99.8 | 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 |
| GE 0 | 99.8 | 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: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: SEP HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| GE 20000 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| GE 18000 | 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 | 82.5 |
| GE 16000 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 14000 | 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 |
| GE 12000 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 10000 | 93.7 | 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 | 93.8 | 93.8 |
| GE 9000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 8000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 7000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| GE 6000 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 5000 | 99.3 | 99.4 | 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 |
| GE 4500 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4000 | 99.5 | 99.6 | 99.7 | 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 |
| GE 3500 | 99.5 | 99.6 | 99.7 | 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 |
| GE 3000 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| GE 2500 | 99.6 | 99.7 | 99.7 | 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 |
| GE 2000 | 99.6 | 99.7 | 99.7 | 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 |
| GE 1800 | 99.6 | 99.7 | 99.7 | 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 |
| GE 1500 | 99.6 | 99.7 | 99.7 | 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 |
| GE 1200 | 99.6 | 99.7 | 99.7 | 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 |
| GE 1000 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 86.3 |
| GE 20000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 18000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 16000 | 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 | 90.3 |
| GE 14000 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| GE 12000 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 10000 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 9000 | 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 | 95.6 |
| GE 8000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| GE 7000 | 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 |
| GE 6000 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 5000 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4500 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4000 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 3000 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| GE 20000 | 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 | 89.1 | 89.1 | 89.1 |
| GE 18000 | 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 | 89.1 | 89.1 | 89.1 |
| GE 16000 | 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 | 89.5 | 89.5 | 89.5 |
| GE 14000 | 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 | 90.0 | 90.0 | 90.0 |
| GE 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 10000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 9000 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 8000 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| GE 7000 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.8 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| GE 6000 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 5000 | 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 | 99.0 | 99.0 | 99.0 |
| GE 4500 | 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 | 99.1 |
| GE 4000 | 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 | 99.8 | 99.8 | 99.8 |
| GE 3500 | 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 | 99.8 | 99.8 | 99.8 |
| GE 3000 | 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 | 99.8 | 99.8 | 99.8 |
| GE 2500 | 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 | 99.8 | 99.8 | 99.8 |
| GE 2000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| GE 20000 | 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 | 87.4 |
| GE 18000 | 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 | 87.6 |
| GE 16000 | 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 | 87.6 |
| GE 14000 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 12000 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 10000 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| GE 9000 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 8000 | 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 | 95.1 |
| GE 7000 | 96.2 | 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 | 96.5 | 96.5 |
| GE 6000 | 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 | 98.1 | 98.1 | 98.1 |
| GE 5000 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 4500 | 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 | 99.4 |
| GE 4000 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 83.5 | 83.5 | 83.5 |
| GE 20000 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 18000 | 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 | 88.4 |
| GE 16000 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| GE 14000 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 12000 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 10000 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 9000 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 8000 | 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 | 94.8 | 94.8 |
| GE 7000 | 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 | 96.1 | 96.1 |
| GE 6000 | 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 | 98.1 | 98.1 |
| GE 5000 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4500 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 4000 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 3500 | 98.8 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 3000 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2500 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 2000 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.1 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 81.4 | 81.4 |
| GE 20000 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 18000 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 16000 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| GE 14000 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 12000 | 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 | 91.8 |
| GE 10000 | 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 |
| GE 9000 | 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 | 94.1 | 94.1 | 94.1 |
| GE 8000 | 94.5 | 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 |
| GE 7000 | 95.5 | 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 |
| GE 6000 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 5000 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4500 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4000 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 3500 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 3000 | 98.3 | 98.8 | 99.0 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 2500 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2000 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 98.4 | 98.9 | 99.1 | 99.2 | 99.2 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.5 | 99.0 | 99.2 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.5 | 99.1 | 99.4 | 99.5 | 99.5 | 99.8 | 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| GE 20000 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| GE 18000 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| GE 16000 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| GE 14000 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 12000 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 10000 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 9000 | 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 | 94.3 |
| GE 8000 | 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 | 95.3 | 95.3 | 95.3 |
| GE 7000 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 6000 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 5000 | 99.0 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 4500 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 4000 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3500 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 3000 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2500 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1800 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1500 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.2 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 18000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 16000 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| GE 14000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| GE 12000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 10000 | 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 | 94.2 | 94.2 | 94.2 |
| GE 9000 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 8000 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| GE 7000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 6000 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 5000 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4500 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4000 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3500 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 3000 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2500 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2000 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 98.9 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.9 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.9 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| GE 20000 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 18000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 16000 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 14000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| GE 12000 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 10000 | 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 | 94.7 |
| GE 9000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| GE 8000 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| GE 7000 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 6000 | 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 | 97.5 |
| GE 5000 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 4500 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 4000 | 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 | 99.7 | 99.7 |
| GE 3500 | 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 | 99.7 | 99.7 |
| GE 3000 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2500 | 99.6 | 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 | 99.9 |
| GE 2000 | 99.6 | 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 | 99.9 |
| GE 1800 | 99.6 | 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 | 99.9 |
| GE 1500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1200 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: OCT HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| GE 20000 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 18000 | 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 |
| GE 16000 | 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 | 89.0 |
| GE 14000 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| GE 12000 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| GE 10000 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| GE 9000 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 8000 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 7000 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 6000 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 5000 | 98.7 | 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 |
| GE 4500 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 4000 | 99.1 | 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 |
| GE 3500 | 99.1 | 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 |
| GE 3000 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2500 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 2000 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 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 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 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 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 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: 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| GE 20000 | 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 |
| GE 18000 | 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 | 87.1 |
| GE 16000 | 87.2 | 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 |
| GE 14000 | 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 | 88.4 |
| GE 12000 | 90.6 | 90.7 | 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 |
| GE 10000 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 9000 | 92.2 | 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 | 92.4 |
| GE 8000 | 92.7 | 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 | 92.9 |
| GE 7000 | 93.0 | 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 | 93.2 |
| GE 6000 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| GE 5000 | 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 | 97.4 | 97.4 |
| GE 4500 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 4000 | 97.9 | 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 | 98.1 |
| GE 3500 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3000 | 99.0 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2500 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 2000 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 600 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 300 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 200 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 100 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 84.2 |
| GE 20000 | 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 | 86.1 |
| GE 18000 | 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 | 86.1 |
| GE 16000 | 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 | 86.1 |
| GE 14000 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| GE 12000 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| GE 10000 | 91.2 | 91.2 | 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 |
| GE 9000 | 91.4 | 91.4 | 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 |
| GE 8000 | 92.3 | 92.3 | 92.3 | 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 |
| GE 7000 | 92.8 | 92.8 | 92.8 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 6000 | 94.3 | 94.3 | 94.4 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 5000 | 97.0 | 97.0 | 97.3 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 4500 | 97.7 | 97.7 | 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 | 98.3 |
| GE 4000 | 98.0 | 98.0 | 98.3 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 3500 | 98.4 | 98.4 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3000 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2500 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2000 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1800 | 98.7 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1500 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 800 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 700 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 600 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 500 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.9 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| GE 18000 | 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 | 84.2 |
| GE 16000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| GE 14000 | 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 | 85.2 |
| GE 12000 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 10000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| GE 9000 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| GE 8000 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| GE 7000 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| GE 6000 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 5000 | 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 | 97.7 |
| GE 4500 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 4000 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 3500 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 3000 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 2500 | 99.2 | 99.4 | 99.4 | 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 |
| GE 2000 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1800 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 99.2 | 99.6 | 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 | 99.8 |
| GE 800 | 99.2 | 99.6 | 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 | 99.8 |
| GE 700 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 |
| GE 18000 | 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 | 86.1 |
| GE 16000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 14000 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| GE 12000 | 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 | 90.6 | 90.6 | 90.6 |
| GE 10000 | 91.4 | 91.4 | 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 |
| GE 9000 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 8000 | 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 | 92.3 | 92.3 | 92.3 |
| GE 7000 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 6000 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| GE 5000 | 97.7 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| GE 4500 | 97.8 | 98.1 | 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 |
| GE 4000 | 98.2 | 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 | 98.7 |
| GE 3500 | 98.7 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3000 | 98.8 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2500 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 2000 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1800 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1500 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| GE 20000 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 88.4 |
| GE 12000 | 90.0 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 10000 | 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 |
| GE 9000 | 91.8 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 8000 | 92.3 | 92.4 | 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 |
| GE 7000 | 92.9 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| GE 6000 | 94.4 | 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 |
| GE 5000 | 97.1 | 97.2 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 4500 | 97.1 | 97.3 | 97.4 | 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 |
| GE 4000 | 97.8 | 98.0 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 3500 | 98.2 | 98.4 | 98.6 | 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 |
| GE 3000 | 98.6 | 98.9 | 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 |
| GE 2500 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1800 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1500 | 98.8 | 99.1 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 98.8 | 99.1 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 98.8 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 98.8 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.8 | 99.1 | 99.3 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| GE 20000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 18000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 16000 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| GE 14000 | 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 | 87.6 | 87.6 | 87.6 |
| GE 12000 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 10000 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 9000 | 92.1 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| GE 8000 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 7000 | 93.6 | 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 |
| GE 6000 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 5000 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4500 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4000 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3500 | 98.7 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3000 | 98.8 | 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 |
| GE 2500 | 98.8 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2000 | 98.8 | 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 | 99.6 | 99.6 |
| GE 1800 | 98.8 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 98.8 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1200 | 98.8 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1000 | 98.8 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 900 | 98.9 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 800 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 81.8 | 81.8 |
| GE 20000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 18000 | 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 | 86.6 |
| GE 16000 | 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 | 86.6 |
| GE 14000 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| GE 12000 | 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 |
| GE 10000 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| GE 9000 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 8000 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 7000 | 94.6 | 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 | 94.8 |
| GE 6000 | 95.1 | 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 | 95.3 | 95.3 |
| GE 5000 | 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 | 98.2 | 98.2 | 98.2 |
| GE 4500 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| GE 4000 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 3500 | 98.7 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 3000 | 99.0 | 99.4 | 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 |
| GE 2500 | 99.0 | 99.4 | 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 |
| GE 2000 | 99.0 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1800 | 99.0 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1500 | 99.0 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 1000 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.1 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 84.2 | 84.2 |
| GE 20000 | 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 | 87.4 |
| GE 18000 | 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 | 87.6 | 87.6 | 87.6 |
| GE 16000 | 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 | 87.6 | 87.6 | 87.6 |
| GE 14000 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| GE 12000 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| GE 10000 | 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 | 91.4 |
| GE 9000 | 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 | 92.4 | 92.4 |
| GE 8000 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| GE 7000 | 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 | 94.2 | 94.2 | 94.2 |
| GE 6000 | 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 |
| GE 5000 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 4500 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 4000 | 98.1 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 3500 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 3000 | 98.8 | 99.3 | 99.3 | 99.4 | 99.4 | 99.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 2500 | 98.9 | 99.4 | 99.4 | 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 |
| GE 2000 | 98.9 | 99.4 | 99.4 | 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 |
| GE 1800 | 98.9 | 99.4 | 99.4 | 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 |
| GE 1500 | 98.9 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1200 | 98.9 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 1000 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 900 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 800 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 700 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: NOV HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| GE 20000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 18000 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 16000 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 14000 | 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 | 87.6 |
| GE 12000 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 10000 | 91.5 | 91.6 | 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 |
| GE 9000 | 91.9 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| GE 8000 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| GE 7000 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| GE 6000 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| GE 5000 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| GE 4500 | 97.7 | 97.9 | 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 |
| GE 4000 | 98.2 | 98.4 | 98.5 | 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 |
| GE 3500 | 98.5 | 98.8 | 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 |
| GE 3000 | 98.8 | 99.1 | 99.3 | 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 |
| GE 2500 | 98.9 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | 98.9 | 99.3 | 99.4 | 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 |
| GE 1800 | 98.9 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 1500 | 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 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 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 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 900 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 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: 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0000-0200

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 77.7 | 77.7 | 77.7 | 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 |
| GE 20000 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| GE 18000 | 82.3 | 82.3 | 82.3 | 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 |
| GE 16000 | 82.3 | 82.3 | 82.3 | 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 |
| GE 14000 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| GE 12000 | 85.9 | 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 |
| GE 10000 | 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 | 87.7 | 87.7 |
| GE 9000 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 8000 | 89.3 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 7000 | 90.3 | 90.4 | 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 |
| GE 6000 | 91.1 | 91.4 | 91.4 | 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 |
| GE 5000 | 92.7 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| GE 4500 | 93.4 | 94.0 | 94.1 | 94.2 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| GE 4000 | 94.6 | 95.5 | 95.6 | 95.8 | 95.9 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| GE 3500 | 95.3 | 96.2 | 96.3 | 96.6 | 96.7 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 3000 | 95.7 | 97.2 | 97.3 | 97.5 | 97.6 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 2500 | 96.1 | 97.7 | 97.8 | 98.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2000 | 96.1 | 97.7 | 97.8 | 98.2 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1800 | 96.1 | 97.7 | 97.8 | 98.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1500 | 96.1 | 97.7 | 97.8 | 98.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| GE 1200 | 96.1 | 97.7 | 97.8 | 98.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| GE 1000 | 96.2 | 97.8 | 98.1 | 98.4 | 98.5 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 |
| GE 900 | 96.2 | 97.8 | 98.1 | 98.4 | 98.5 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 |
| GE 800 | 96.2 | 97.8 | 98.1 | 98.4 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 700 | 96.2 | 97.8 | 98.1 | 98.4 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| GE 600 | 96.2 | 97.8 | 98.1 | 98.4 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 |
| GE 500 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 400 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 300 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 200 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 100 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 96.2 | 97.8 | 98.2 | 98.5 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0300-0500

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 77.4 | 77.4 | 77.4 |
| GE 20000 | 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 | 81.6 | 81.6 |
| GE 18000 | 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 | 81.9 | 81.9 | 81.9 |
| GE 16000 | 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 | 81.9 | 81.9 | 81.9 |
| GE 14000 | 82.2 | 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 |
| GE 12000 | 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 | 86.3 |
| GE 10000 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| GE 9000 | 88.2 | 88.5 | 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 |
| GE 8000 | 89.0 | 89.4 | 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 |
| GE 7000 | 90.0 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| GE 6000 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| GE 5000 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| GE 4500 | 94.3 | 94.6 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| GE 4000 | 95.3 | 95.9 | 96.2 | 96.3 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| GE 3500 | 96.0 | 96.8 | 97.3 | 97.4 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 3000 | 96.2 | 97.1 | 97.6 | 97.7 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 2500 | 96.5 | 97.4 | 98.0 | 98.1 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 2000 | 96.6 | 97.6 | 98.2 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1800 | 96.6 | 97.6 | 98.2 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1500 | 96.6 | 97.6 | 98.2 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1200 | 96.6 | 97.6 | 98.2 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1000 | 96.6 | 97.6 | 98.6 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 900 | 96.6 | 97.6 | 98.6 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 800 | 96.6 | 97.6 | 98.7 | 98.8 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 700 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 600 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 500 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 96.6 | 97.6 | 98.7 | 98.8 | 99.2 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0600-0800

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| GE 20000 | 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 | 79.7 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 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 | 86.1 |
| GE 9000 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| GE 8000 | 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 |
| GE 7000 | 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 |
| GE 6000 | 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 |
| GE 5000 | 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 | 93.1 |
| GE 4500 | 93.5 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| GE 4000 | 95.2 | 95.5 | 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 |
| GE 3500 | 96.3 | 96.8 | 96.9 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 3000 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| GE 2500 | 96.9 | 97.4 | 97.5 | 97.6 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 2000 | 96.9 | 97.4 | 97.5 | 97.6 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 1800 | 96.9 | 97.4 | 97.5 | 97.6 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 1500 | 96.9 | 97.4 | 97.6 | 97.7 | 97.7 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1200 | 96.9 | 97.4 | 97.6 | 97.7 | 97.7 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1000 | 96.9 | 97.5 | 97.8 | 98.0 | 98.0 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 |
| GE 900 | 96.9 | 97.5 | 97.8 | 98.0 | 98.0 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 |
| GE 800 | 96.9 | 97.5 | 97.8 | 98.0 | 98.1 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 |
| GE 700 | 96.9 | 97.5 | 98.1 | 98.2 | 98.4 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| GE 600 | 96.9 | 97.5 | 98.2 | 98.3 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 500 | 96.9 | 97.5 | 98.2 | 98.3 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 |
| GE 400 | 96.9 | 97.5 | 98.2 | 98.3 | 98.5 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 |
| GE 300 | 96.9 | 97.5 | 98.2 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 |
| GE 200 | 96.9 | 97.5 | 98.2 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 |
| GE 100 | 96.9 | 97.5 | 98.2 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 |
| GE 0 | 96.9 | 97.5 | 98.2 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 0900-1100

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| GE 20000 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| GE 18000 | 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 | 79.7 |
| GE 16000 | 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 |
| GE 14000 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| GE 12000 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| GE 10000 | 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 | 85.5 |
| GE 9000 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 8000 | 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 | 88.7 |
| GE 7000 | 89.3 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 6000 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 5000 | 92.4 | 92.8 | 92.8 | 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 |
| GE 4500 | 93.2 | 93.6 | 93.6 | 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 |
| GE 4000 | 94.8 | 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 | 95.6 |
| GE 3500 | 95.6 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 3000 | 95.7 | 96.3 | 96.4 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 2500 | 95.8 | 96.4 | 96.6 | 96.8 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 2000 | 95.8 | 96.4 | 96.6 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 1800 | 95.8 | 96.4 | 96.6 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 1500 | 95.8 | 96.4 | 96.7 | 97.0 | 97.2 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| GE 1200 | 95.9 | 96.6 | 96.9 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| GE 1000 | 96.1 | 96.8 | 97.1 | 97.5 | 97.7 | 97.7 | 98.0 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 900 | 96.1 | 96.8 | 97.1 | 97.5 | 97.7 | 97.7 | 98.0 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 800 | 96.1 | 96.9 | 97.2 | 97.6 | 98.0 | 98.0 | 98.2 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 700 | 96.1 | 96.9 | 97.4 | 97.8 | 98.2 | 98.2 | 98.4 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 600 | 96.1 | 96.9 | 97.4 | 97.8 | 98.2 | 98.2 | 98.4 | 98.5 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 500 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 300 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 200 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 100 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 0 | 96.1 | 96.9 | 97.4 | 97.8 | 98.3 | 98.5 | 98.7 | 98.9 | 99.1 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1200-1400

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 | 79.6 |
| GE 18000 | 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 |
| GE 16000 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| GE 14000 | 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 | 82.4 |
| GE 12000 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| GE 10000 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| GE 9000 | 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 | 87.1 |
| GE 8000 | 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 | 89.1 |
| GE 7000 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 6000 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| GE 5000 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 4500 | 95.3 | 95.6 | 95.7 | 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 |
| GE 4000 | 96.1 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| GE 3500 | 96.9 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| GE 3000 | 97.4 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 2500 | 97.5 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 2000 | 97.7 | 98.3 | 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 |
| GE 1800 | 97.7 | 98.3 | 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 |
| GE 1500 | 97.7 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 1200 | 97.7 | 98.3 | 98.7 | 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 |
| GE 1000 | 98.0 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 900 | 98.0 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 800 | 98.0 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 700 | 98.0 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 600 | 98.0 | 98.5 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 500 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.0 | 98.5 | 99.0 | 99.2 | 99.5 | 99.5 | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1500-1700

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 |
| GE 20000 | 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 | 79.9 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 |
| GE 12000 | 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 |
| GE 10000 | 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 |
| GE 9000 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| GE 8000 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 7000 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| GE 6000 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 5000 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| GE 4500 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| GE 4000 | 97.5 | 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 |
| GE 3500 | 97.7 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| GE 3000 | 98.1 | 98.6 | 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 |
| GE 2500 | 98.1 | 98.6 | 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 |
| GE 2000 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1800 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1500 | 98.3 | 98.9 | 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 |
| GE 1200 | 98.3 | 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 |
| GE 1000 | 98.3 | 98.9 | 99.2 | 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 |
| GE 900 | 98.3 | 98.9 | 99.2 | 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 |
| GE 800 | 98.3 | 98.9 | 99.2 | 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 |
| GE 700 | 98.3 | 98.9 | 99.2 | 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 |
| GE 600 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 500 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 400 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 300 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 98.3 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 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

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 1800-2000

| CEILING IN FEET | VISIBILITY IN STATUTE MILES: GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEIL | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| GE 20000 | 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 | 80.6 |
| GE 18000 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| GE 16000 | 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 |
| GE 14000 | 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 | 82.8 |
| GE 12000 | 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 | 84.8 |
| GE 10000 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| GE 9000 | 86.7 | 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 |
| GE 8000 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| GE 7000 | 88.9 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| GE 6000 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| GE 5000 | 93.0 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| GE 4500 | 93.9 | 94.8 | 94.9 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| GE 4000 | 94.6 | 95.6 | 95.8 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 3500 | 95.2 | 96.1 | 96.4 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| GE 3000 | 96.0 | 97.3 | 98.1 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| GE 2500 | 96.0 | 97.5 | 98.3 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 2000 | 96.0 | 97.6 | 98.4 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1800 | 96.0 | 97.6 | 98.4 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1500 | 96.0 | 97.6 | 98.5 | 98.9 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 1200 | 96.0 | 97.6 | 98.5 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 1000 | 96.0 | 97.7 | 98.6 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 900 | 96.0 | 97.7 | 98.6 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 800 | 96.0 | 97.7 | 98.6 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | 96.0 | 97.7 | 98.6 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | 96.0 | 97.7 | 98.6 | 99.1 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 96.0 | 97.7 | 98.7 | 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 |
| GE 400 | 96.0 | 97.7 | 98.7 | 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 |
| GE 300 | 96.0 | 97.7 | 98.7 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 96.0 | 97.7 | 98.7 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 96.0 | 97.7 | 98.7 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 96.0 | 97.7 | 98.7 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): 2100-2300

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| GE 20000 | 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 |
| GE 18000 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 16000 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| GE 14000 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 3.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| GE 12000 | 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 | 84.8 |
| GE 10000 | 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 | 86.9 |
| GE 9000 | 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 |
| GE 8000 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| GE 7000 | 89.6 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| GE 6000 | 90.7 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| GE 5000 | 92.7 | 93.5 | 93.5 | 93.8 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 4500 | 93.1 | 94.0 | 94.0 | 94.2 | 94.3 | 94.3 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| GE 4000 | 94.5 | 95.4 | 95.4 | 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 |
| GE 3500 | 95.6 | 96.4 | 96.6 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| GE 3000 | 96.0 | 97.0 | 97.6 | 97.8 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| GE 2500 | 96.4 | 97.4 | 98.1 | 98.3 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 2000 | 96.4 | 97.5 | 98.3 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 1800 | 96.6 | 97.6 | 98.4 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| GE 1500 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1200 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 1000 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 900 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 800 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 700 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 600 | 96.7 | 97.7 | 98.5 | 98.7 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 400 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 300 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| GE 200 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.5 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 100 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 96.7 | 97.7 | 98.6 | 98.8 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-84
MONTH: DEC HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 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 | 74.1 | 74.1 |
| GE 20000 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| GE 18000 | 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 |
| GE 16000 | 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 |
| GE 14000 | 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 | 82.3 |
| GE 12000 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| GE 10000 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| GE 9000 | 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 | 87.4 |
| GE 8000 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| GE 7000 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| GE 6000 | 91.4 | 91.6 | 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 |
| GE 5000 | 93.5 | 93.9 | 93.9 | 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 |
| GE 4500 | 94.1 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| GE 4000 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| GE 3500 | 96.1 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| GE 3000 | 96.5 | 97.3 | 97.6 | 97.8 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| GE 2500 | 96.7 | 97.6 | 97.9 | 98.1 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| GE 2000 | 96.7 | 97.7 | 98.0 | 98.2 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1800 | 96.7 | 97.7 | 98.0 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| GE 1500 | 96.8 | 97.7 | 98.1 | 98.4 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| GE 1200 | 96.8 | 97.7 | 98.2 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| GE 1000 | 96.8 | 97.8 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 900 | 96.8 | 97.8 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| GE 800 | 96.8 | 97.8 | 98.4 | 98.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| GE 700 | 96.8 | 97.8 | 98.4 | 98.7 | 98.9 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| GE 600 | 96.8 | 97.8 | 98.5 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 500 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 400 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| GE 300 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.2 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 200 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.3 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 100 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| GE 0 | 96.8 | 97.8 | 98.5 | 98.8 | 99.1 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722745 STATION NAME: DAVIS-MONTHAN AFB AZ

PERIOD OF RECORD: 75-85
MONTH: ALL HOURS(LST): ALL

| CEILING IN FEET | VISIBILITY IN STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GE 10 | GE 6 | GE 5 | GE 4 | GE 3 | GE 2 1/2 | GE 2 | GE 1 1/2 | GE 1 1/4 | GE 1 | GE 3/4 | GE 5/8 | GE 1/2 | GE 5/16 | GE 1/4 | GE 0 |
| NO CEIL | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| GE 20000 | 82.2 | 82.2 | 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 |
| GE 18000 | 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 | 82.6 | 82.6 |
| GE 16000 | 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 |
| GE 14000 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| GE 12000 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| GE 10000 | 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 | 90.8 |
| GE 9000 | 91.4 | 91.4 | 91.4 | 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 |
| GE 8000 | 92.5 | 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 | 92.6 |
| GE 7000 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| GE 6000 | 95.7 | 95.8 | 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 |
| GE 5000 | 97.4 | 97.6 | 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 |
| GE 4500 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| GE 4000 | 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 | 98.8 | 98.8 |
| GE 3500 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| GE 3000 | 98.8 | 99.2 | 99.3 | 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 |
| GE 2500 | 98.9 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| GE 2000 | 99.0 | 99.3 | 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 |
| GE 1800 | 99.0 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| GE 1500 | 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 | 99.8 | 99.8 | 99.8 |
| GE 1200 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| GE 1000 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 900 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 800 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 700 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 600 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| GE 500 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 400 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 300 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 200 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 100 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| GE 0 | 99.0 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS: 87652

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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

GL[illegible]AL CLIMATOLOGY BRANCH
USAFETAC
A[illegible] WEATHER SERVICE/MAC

# SKY COVER

722745 DAVIS-MONTHAN AFB AZ 76-85 JAN
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 | | |
| JA[illegible] | 00-02 | 3 .1 | | | 24.7 | | | | | | 23.6 | 18.7 | 4.5 | 929 |
| | 03-05 | 3[illegible].9 | | | 20.0 | | | | | | 21.7 | 19.4 | 4.5 | 930 |
| | 06-[illegible]8 | 28.8 | | | 28.5 | | | | | | 22.8 | 19.8 | 4.9 | 929 |
| | [illegible]-11 | 20.0 | | | 33.4 | | | | | | 25.1 | 21.5 | 5.4 | 930 |
| | 12-14 | 1[illegible].1 | | | 34.9 | | | | | | 27.2 | 20.6 | 5.6 | 930 |
| | 15-17 | 15.1 | | | 33.5 | | | | | | 31.2 | 20.2 | 5.8 | 929 |
| | 18-20 | 21.1 | | | 33.0 | | | | | | 24.3 | 21.6 | 5.3 | 930 |
| | 21-23 | 32.8 | | | 25.2 | | | | | | 21.2 | 20.8 | 4.7 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 2[illegible].2 | | | 29.2 | | | | | | 24.3 | 20.4 | 5.1 | 7436 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 PERIOD | FEB MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 42.2 | | | 27.2 | | | | | | 14.4 | 16.3 | 3.7 | 849 |
| | 03-05 | 42.7 | | | 26.7 | | | | | | 12.7 | 17.9 | 3.7 | 848 |
| | 06-08 | 29.1 | | | 36.7 | | | | | | 19.9 | 14.3 | 4.3 | 849 |
| | 09-11 | 20.7 | | | 38.0 | | | | | | 23.6 | 17.6 | 5.0 | 848 |
| | 12-14 | 16.1 | | | 40.2 | | | | | | 23.7 | 20.0 | 5.3 | 849 |
| | 15-17 | 13.3 | | | 36.4 | | | | | | 28.7 | 21.1 | 5.6 | 849 |
| | 18-20 | 22.9 | | | 33.0 | | | | | | 24.9 | 19.2 | 5.2 | 848 |
| | 21-23 | 35.7 | | | 29.6 | | | | | | 19.3 | 15.3 | 4.2 | 848 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.9 | | | 33.5 | | | | | | 20.9 | 17.7 | 4.7 | 6788 |

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

722745 DAVIS-MONTHAN AFB AZ 76-85 MAR
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NUMBER OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 43.4 | | | 24.0 | | | | | | 14.6 | 18.0 | 3.8 | 929 |
| | 03-05 | 43.7 | | | 23.5 | | | | | | 13.9 | 18.9 | 3.8 | 927 |
| | 06-08 | 27.3 | | | 34.3 | | | | | | 20.7 | 17.7 | 4.7 | 927 |
| | 09-11 | 21.4 | | | 40.3 | | | | | | 20.6 | 17.7 | 4.8 | 924 |
| | 12-14 | 19.[illegible] | | | 36.9 | | | | | | 26.9 | 18.2 | 5.4 | 924 |
| | 15-17 | 16.7 | | | 38.5 | | | | | | 29.4 | 17.4 | 5.5 | 927 |
| | 18-20 | 25.4 | | | 35.1 | | | | | | 25.2 | 14.4 | 4.8 | 930 |
| | 21-23 | 47.5 | | | 29.4 | | | | | | 20.0 | 14.1 | 4.[illegible] | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 29.6 | | | 32.0 | | | | | | 21.4 | 17.1 | 4.6 | 7418 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722745 DAVIS-MONTHAN AFB AZ 76-85 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 | 53.7 | | | 25.9 | | | | | | 12.1 | 8.3 | 2.7 | 900 |
| | 03-05 | 54.9 | | | 26.1 | | | | | | 11.4 | 7.6 | 2.6 | 900 |
| | 06-08 | 36.2 | | | 39.4 | | | | | | 16.3 | 8.0 | 3.5 | 900 |
| | 09-11 | 32.3 | | | 40.1 | | | | | | 17.3 | 10.2 | 3.9 | 900 |
| | 12-14 | 21.4 | | | 46.9 | | | | | | 22.3 | 9.3 | 4.4 | 900 |
| | 15-17 | 17.5 | | | 47.6 | | | | | | 23.0 | 11.9 | 4.7 | 899 |
| | 18-20 | 27.5 | | | 41.4 | | | | | | 20.6 | 10.5 | 4.1 | 897 |
| | 21-23 | 47.6 | | | 29.2 | | | | | | 13.6 | 9.6 | 3.1 | 897 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 35.4 | | | 37.1 | | | | | | 17.1 | 9.4 | 3.6 | 7193 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

22745 DAVIS-MONTHAN AFB AZ 75-84 MAY
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 60.6 | | | 22.5 | | | | | | 11.3 | 5.6 | 2.2 | 930 |
| | 03-05 | 59.4 | | | 24.9 | | | | | | 10.0 | 5.7 | 2.2 | 930 |
| | 06-08 | 50.3 | | | 32.0 | | | | | | 11.5 | 6.1 | 2.6 | 930 |
| | 09-11 | 41.7 | | | 41.0 | | | | | | 12.7 | 5.5 | 2.9 | 930 |
| | 12-14 | 32.4 | | | 43.9 | | | | | | 17.5 | 6.2 | 3.5 | 930 |
| | 15-17 | 29.9 | | | 42.6 | | | | | | 19.2 | 8.3 | 3.8 | 930 |
| | 18-20 | 37.4 | | | 36.9 | | | | | | 19.4 | 7.3 | 3.5 | 930 |
| | 21-23 | 54.7 | | | 25.4 | | | | | | 14.2 | 5.7 | 2.6 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 45. | | | 33.5 | | | | | | 14.4 | 6.3 | 2.9 | 7440 |

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

...L PAL CLIMATOLOGY BRANCH
...ETAC
AI ...EAT ER SERVICE/MAC

# SKY COVER

722745 DAVIS-MONTHAN AFB AZ 75-84 JUN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 66.0 | | | 21.7 | | | | | | 9.3 | 3.[illegible] | 1.[illegible] | 900 |
| | 03-05 | 59.1 | | | 28.0 | | | | | | 10.1 | 2.[illegible] | 2.0 | 900 |
| | 06-08 | 46.8 | | | 36.7 | | | | | | 14.6 | 2.0 | 2.6 | 900 |
| | 09-11 | 45.[illegible] | | | 39.9 | | | | | | 12.1 | 3.0 | 2.6 | 900 |
| | 12-14 | 34.6 | | | 46.2 | | | | | | 15.0 | 4.2 | 3.2 | 900 |
| | 15-17 | 30.2 | | | 44.4 | | | | | | 19.7 | 5.7 | 3.7 | 900 |
| | 18-20 | 34.[illegible] | | | 39.8 | | | | | | 17.1 | 6.2 | 3.6 | 899 |
| | 21-23 | 56.4 | | | 25.1 | | | | | | 12.4 | 6.0 | 2.5 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 46.6 | | | 35.2 | | | | | | 13.8 | 4.4 | 2.[illegible] | 7199 |

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

722745 DAVIS-MONTHAN AFB AZ 75-84 JUL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

| MONTH | HOURS LST | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 13.2 | | | 31.9 | | | | | | 31.2 | 24.7 | 6.2 | 930 |
| | 03-05 | 14.1 | | | 33.4 | | | | | | 35.2 | 17.4 | 5.9 | 930 |
| | 06-08 | 7.4 | | | 36.8 | | | | | | 43.5 | 12.2 | 6.1 | 930 |
| | 09-11 | 7.1 | | | 34.0 | | | | | | 29.4 | 9.7 | 5.2 | 930 |
| | 12-14 | 2.6 | | | 61.1 | | | | | | 31.0 | 6.0 | 5.2 | 930 |
| | 15-17 | 1.7 | | | 48.7 | | | | | | 42.6 | 8.7 | 6.1 | 930 |
| | 18-20 | 4.1 | | | 27.5 | | | | | | 45.3 | 22.2 | 7.1 | 930 |
| | 21-23 | 11.2 | | | 24.1 | | | | | | 37.2 | 27.5 | 6.6 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 7.6 | | | 36.7 | | | | | | 37.0 | 15.8 | 6.1 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
U.S. WEATHER SERVICE/MAC

# SKY COVER

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 PERIOD | AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 26.3 | | | 32.6 | | | | | | 26.3 | 14.7 | 4.5 | 930 |
| | 03-05 | 26.7 | | | 39.7 | | | | | | 22.4 | 11.3 | 4.3 | 930 |
| | 06-08 | 12.6 | | | 53.3 | | | | | | 26.7 | 7.5 | 4.8 | 930 |
| | 09-11 | 10.5 | | | 64.4 | | | | | | 21.3 | 3.6 | 4.2 | 930 |
| | 12-14 | 5.1 | | | 67.1 | | | | | | 25.9 | 1.9 | 4.5 | 930 |
| | 15-17 | 2.4 | | | 55.3 | | | | | | 36.5 | 6.0 | 5.5 | 930 |
| | 18-20 | 7.0 | | | 39.8 | | | | | | 40.5 | 12.7 | 6.1 | 930 |
| | 21-23 | 14.5 | | | 31.8 | | | | | | 31.9 | 17.7 | 5.6 | 930 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 13.9 | | | 48.0 | | | | | | 29.8 | 9.6 | 5.2 | 7440 |

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

722745 | DAVIS-MONTHAN AFB AZ | 75-84 | SEP

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 | | |
| SEP | 00-02 | 40.[illegible] | | | 32.8 | | | | | | 19.2 | 8.0 | 3.4 | 899 |
| | 03-05 | 44.6 | | | 3[illegible].9 | | | | | | 19.2 | 5.3 | 3.2 | 900 |
| | [illegible]-08 | 21.3 | | | 57.0 | | | | | | 16.6 | 5.1 | 3.7 | 900 |
| | [illegible]-11 | 17.5 | | | 6[illegible].9 | | | | | | 14.7 | 4.9 | 3.7 | 900 |
| | 12-14 | 7.1 | | | 65.4 | | | | | | 22.2 | 5.2 | 4.5 | 900 |
| | 15-17 | 7.2 | | | 57.4 | | | | | | 26.6 | 8.8 | 5.[illegible] | 900 |
| | [illegible]-20 | 14.[illegible] | | | 46.9 | | | | | | 27.2 | 11.1 | 5.[illegible] | 900 |
| | 21-23 | 3[illegible].2 | | | 36.8 | | | | | | 18.1 | 12.[illegible] | 4.1 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 2[illegible].7 | | | 49.0 | | | | | | 20.4 | 7.7 | 4.1 | 7199 |

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

2

...PAL CLIMATOLOGY BRANCH
...ETAC
A... WEATHER SERVIC.../MAC

# SKY COVER

722745 DAVIS-MONTHAN AFB AZ 75-84 OCT
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 53.2 | | | 27.6 | | | | | | 14.4 | 5.1 | 2.6 | 929 |
| | 03-05 | 56.4 | | | 23.9 | | | | | | 14.5 | 5.2 | 2.5 | 929 |
| | 06-08 | 39.2 | | | 38.7 | | | | | | 16.5 | 5.6 | 3.2 | 930 |
| | 09-11 | 34.3 | | | 41.4 | | | | | | 17.6 | 6.7 | 3.5 | 930 |
| | 12-14 | 24.5 | | | 49.2 | | | | | | 18.3 | 8.0 | 3.9 | 930 |
| | 15-17 | 23.9 | | | 45.6 | | | | | | 21.4 | 9.1 | 4.2 | 930 |
| | 18-20 | 34.6 | | | 39.0 | | | | | | 18.9 | 7.4 | 3.6 | 930 |
| | 21-23 | 49.8 | | | 29.7 | | | | | | 14.7 | 5.7 | 2.8 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 37.5 | | | 36.9 | | | | | | 17.0 | 6.6 | 3.3 | 7437 |

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

722745 | DAVIS-MONTHAN AFB AZ | 75-84 | NOV
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 NUMBER OF |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 57.3 | | | 21.5 | | | | | | 12.7 | 8.6 | 2.6 | 899 |
| | 03-05 | 57.0 | | | 20.7 | | | | | | 12.2 | 10.1 | 2.7 | 900 |
| | 06-08 | 37.6 | | | 34.6 | | | | | | 17.2 | 10.7 | 3.7 | 900 |
| | 09-11 | 30.2 | | | 46.2 | | | | | | 19.9 | 9.7 | 4.0 | 900 |
| | 12-14 | 25.4 | | | 44.9 | | | | | | 18.3 | 11.3 | 4.1 | 900 |
| | 15-17 | 25.4 | | | 41.9 | | | | | | 23.3 | 9.3 | 4.3 | 900 |
| | 18-20 | 38.6 | | | 34.7 | | | | | | 16.9 | 9.9 | 3.5 | 900 |
| | 21-23 | 52.9 | | | 25.4 | | | | | | 12.2 | 9.5 | 2.9 | 899 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 40.6 | | | 33.0 | | | | | | 16.6 | 9.9 | 3.5 | 7198 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

722745 DAVIS-MONTHAN AFB AZ 75-84 DEC
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 | | |
| DEC | 00-02 | 48.3 | | | 21.7 | | | | | | 15.5 | 14.4 | 3.5 | 929 |
| | 03-05 | 49.0 | | | 24.1 | | | | | | 14.3 | 13.7 | 3.4 | 930 |
| | 06-08 | 34.7 | | | 29.9 | | | | | | 20.1 | 15.3 | 4.2 | 929 |
| | 09-11 | 24.3 | | | 32.6 | | | | | | 26.0 | 17.0 | 5.0 | 929 |
| | 12-14 | 15.8 | | | 37.7 | | | | | | 26.6 | 16.9 | 5.2 | 930 |
| | 15-17 | 19.0 | | | 36.7 | | | | | | 27.3 | 17.0 | 5.3 | 930 |
| | 18-20 | 31.0 | | | 27.6 | | | | | | 23.7 | 16.9 | 4.6 | 929 |
| | 21-23 | 45.5 | | | 19.9 | | | | | | 18.5 | 16.0 | 3.9 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 33.0 | | | 28.8 | | | | | | 21.5 | 15.0 | 4.4 | 7435 |

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

722745 DAVIS-MONTHAN AFB AZ 75-85 ALL
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 | | |
| JAN | ALL | 26.2 | | | 29.2 | | | | | | 24.3 | 20.4 | 5.1 | 7436 |
| FEB | | 27.9 | | | 33.5 | | | | | | 20.9 | 17.7 | 4.7 | 6788 |
| MAR | | 29.6 | | | 32.0 | | | | | | 21.4 | 17.1 | 4.6 | 7418 |
| APR | | 38.4 | | | 37.1 | | | | | | 17.1 | 9.4 | 3.6 | 7193 |
| MAY | | 45.1 | | | 33.5 | | | | | | 14.4 | 6.3 | 2.9 | 7440 |
| JUN | | 46.6 | | | 31.2 | | | | | | 13.8 | 4.4 | 2.8 | 7199 |
| JUL | | 7.6 | | | 39.7 | | | | | | 37.0 | 15.8 | 6.1 | 7440 |
| AUG | | 13.5 | | | 48.0 | | | | | | 28.8 | 9.6 | 5.0 | 7440 |
| SEP | | 23.1 | | | 49.0 | | | | | | 20.4 | 7.7 | 4.1 | 7199 |
| OCT | | 39.5 | | | 36.9 | | | | | | 17.0 | 6.6 | 3.3 | 7437 |
| NOV | | 40.6 | | | 33.0 | | | | | | 16.6 | 9.9 | 3.5 | 7198 |
| DEC | | 33.8 | | | 28.8 | | | | | | 21.5 | 15.9 | 4.4 | 7435 |
| TOTALS | | 30.1 | | | 36.3 | | | | | | 21.1 | 11.7 | 4.2 | 87623 |

USAFETAC FORM JUL 64 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 measurements for incomplete months.

Continued on Reverse

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

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

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

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

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

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

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

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

   a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

   b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

...GAL CLIMATOLOGY BRANCH
...SAFETAC
AI...EATHER SERVICE/MAC
72...45 DAVIS-MONTHAN AFB AZ 41-46, 48-65 YEARS
STATION STATION NAME

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥110 | | | | | | .7 | .5 | .2 | | | | | .1 |
| 105 | | | | | .2 | 11.8 | 10.5 | 1.9 | 1.3 | | | | 2.1 |
| 100 | | | | .2 | 4.5 | 41.1 | 41.5 | 21.2 | 13.8 | .4 | | | 10.1 |
| 95 | | | | 2.7 | 21.4 | 74.0 | 74.3 | 61.1 | 45.2 | 7.2 | | | 23.5 |
| 90 | | | .5 | 11.7 | 50.4 | 92.2 | 92.0 | 88.7 | 76.0 | 27.0 | .2 | | 36.4 |
| 85 | .4 | .5 | 5.1 | 31.9 | 73.4 | 98.3 | 98.1 | 96.2 | 91.3 | 51.2 | 5.9 | | 46.1 |
| 80 | 1.6 | 2.5 | 17.7 | 58.7 | 88.2 | 99.6 | 99.7 | 99.7 | 97.3 | 71.3 | 24.4 | 1.7 | 55.4 |
| 75 | 8.7 | 19.6 | 37.6 | 75.2 | 95.7 | 100.0 | 100.0 | 99.9 | 99.5 | 85.2 | 45.2 | 12.1 | 64.8 |
| 70 | 24.3 | 37.9 | 59.0 | 86.0 | 98.7 | | | 100.0 | 100.0 | 93.0 | 64.0 | 31.0 | 74.6 |
| 65 | 45.4 | 60.1 | 75.4 | 93.2 | 99.6 | | | | | 97.2 | 79.6 | 55.1 | 83.7 |
| 60 | 62.4 | 78.5 | 87.7 | 97.3 | 99.8 | | | | | 99.4 | 90.7 | 74.2 | 91.3 |
| 55 | 84.8 | 91.6 | 95.3 | 99.6 | 100.0 | | | | | 99.8 | 96.7 | 87.6 | 96.2 |
| 50 | 94.5 | 97.9 | 98.9 | 100.0 | | | | | | 100.0 | 99.2 | 95.8 | 98.8 |
| 45 | 98.7 | 99.6 | 99.8 | | | | | | | | 99.8 | 99.2 | 99.8 |
| 40 | 99.8 | 99.9 | 100.0 | | | | | | | | 100.0 | 99.8 | 100.0 |
| 35 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 63.3 | 66.6 | 70.9 | 79.8 | 88.5 | 97.7 | 97.8 | 95.5 | 93.2 | 83.5 | 72.2 | 69.7 | 81.1 |
| S D | 8.379 | 8.575 | 9.000 | 8.917 | 7.426 | 5.78 | 5.615 | 4.825 | 6.038 | 8.454 | 8.878 | 8.217 | 14.857 |
| TOTAL OBS | 1333 | 1165 | 1302 | 1260 | 1271 | 1.30 | 1271 | 1302 | 1260 | 1302 | 1260 | 1302 | 15258 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
[illegible] STATION DAVIS-MONTHAN AFB AZ STATION NAME 41-46, 43-85 YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP °F | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | .1 | .7 | .1 | | | | | .1 |
| [illegible] | | | | | | .7 | 10.2 | 2.4 | 1.1 | | | | 1.3 |
| 75 | | | | | .9 | 1.3 | 47.5 | 32.6 | 12.6 | .5 | | | 9.4 |
| 70 | | | .1 | | 5.1 | 4.0 | 91.5 | 85.5 | 49.4 | 4.0 | | | 23.2 |
| 65 | | | | 1.7 | 19.4 | 7.5 | 99.8 | 99.7 | 81.4 | 19.7 | .2 | | 32.9 |
| 60 | | .2 | .6 | 11.0 | 50.3 | 24.2 | 100.0 | 100.0 | 96.1 | 46.8 | 2.7 | | 41.7 |
| 55 | .8 | 2.3 | 7.7 | 31.8 | 77.3 | 99.5 | | | 99.2 | 73.1 | 14.3 | 1.6 | 50.6 |
| 50 | 8.3 | 15.6 | 25.4 | 62.0 | 93.2 | 100.0 | | | 100.0 | 87.8 | 39.4 | 10.9 | 61.7 |
| 45 | 20.6 | 30.6 | 54.7 | 84.2 | 98.7 | | | | | 95.6 | 66.8 | 33.4 | 74.7 |
| 40 | 34.9 | 63.3 | 80.0 | 95.3 | 99.8 | | | | | 99.5 | 85.6 | 60.4 | 86.5 |
| 35 | 60.1 | 84.7 | 95.2 | 99.5 | 100.0 | | | | | 99.9 | 95.1 | 84.9 | 94.9 |
| 30 | 87.7 | 91.3 | 97.5 | 99.9 | | | | | | | 97.5 | 90.6 | 97.1 |
| 25 | 94.1 | 96.5 | 99.4 | 100.0 | | | | | | 100.0 | 99.5 | 96.6 | 98.6 |
| 20 | 98.9 | 99.4 | 99.9 | | | | | | | | 100.0 | 99.4 | 99.8 |
| 15 | 99.7 | 100.0 | 100.0 | | | | | | | | | 100.0 | 100.0 |
| 10 | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 40.2 | 41.8 | 45.1 | 51.3 | 59.2 | 67.6 | 74.4 | 73.0 | 69.0 | 58.3 | 47.2 | 41.4 | 55.8 |
| S D | 6.639 | 6.816 | 6.371 | 6.595 | 6.394 | 6.213 | 3.792 | 3.410 | 5.024 | 7.130 | 6.902 | 6.471 | 13.849 |
| TOTAL OBS | 1333 | 1165 | 1302 | 1260 | 1271 | 1230 | 1271 | 1302 | 1260 | 1302 | 1260 | 1302 | 15256 |

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

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...ETAC
...HEAT-ER SERVICE/MAC

# DAILY TEMPERATURES

...74... STATION — DAVIS-MONTHAN AFB AZ STATION NAME — 41-45, 48-85 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | 1.1 | 1.2 | .2 | | | | | .2 |
| ... | | | | | .2 | 1.7 | 23.3 | 7.2 | 2.7 | | | | 3.9 |
| ... | | | | | 4.1 | 4.4 | 67.0 | 50.2 | 27.9 | .8 | | | 16.0 |
| ... | | | | .1 | 1.1 | 10.8 | 7 .3 | 95.0 | 76.8 | 68.1 | 10.3 | | 30.0 |
| ... | | | | .2 | 10.0 | 51.5 | 9 .3 | 99.6 | 99.5 | 90.9 | 39.5 | .6 | 40.1 |
| ... | | .1 | 1.0 | 4.0 | 33.0 | 76.6 | 9 .3 | 100.0 | 100.0 | 98.4 | 62.5 | 7.2 | .2 | 46.5 |
| ... | 1.6 | 5.3 | 19.7 | 60.6 | 92.7 | 10 .0 | | | 100.0 | 63.3 | 29.6 | 2.5 | 56.0 |
| ... | 12.3 | 25.3 | 45.2 | 80.9 | 98.6 | | | | | 91.9 | 56.3 | 16.2 | 69.0 |
| ... | 36.1 | 50.6 | 69.9 | 92.0 | 99.6 | | | | | 97.5 | 77.5 | 44.7 | 81.6 |
| ... | 56.6 | 75.7 | 88.1 | 98.3 | 99.9 | | | | | 99.6 | 90.6 | 72.7 | 90.9 |
| ... | 86.4 | 91.5 | 97.5 | 99.8 | 100.0 | | | | | 100.0 | 97.2 | 89.9 | 96.8 |
| ... | 95.7 | 96.0 | 99.7 | 100.0 | | | | | | | 99.7 | 97.5 | 99.2 |
| ... | 99.3 | 99.7 | 100.0 | | | | | | | | 100.0 | 99.3 | 99.9 |
| ... | 99.7 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| ... | 100.0 | | | | | | | | | | | | 100.0 |
| MEAN | 51.2 | 54.4 | 58.2 | 65.7 | 74.. | 8 .3 | 86.3 | 84.4 | 81.3 | 71.1 | 59.9 | 53.2 | 66.6 |
| S D | 8.610 | 6.955 | 6.957 | 7.172 | 6.413 | 5.459 | 4.104 | 3.615 | 4.880 | 7.211 | 7.232 | 6.572 | 13.995 |
| TOTAL OBS | 1333 | 1165 | 1302 | 1260 | 1271 | 1230 | 1271 | 1302 | 1260 | 1302 | 1260 | 1302 | 15256 |

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

GLOBAL CLIMATOLOGY BRANCH
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# EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

722745 — STATION
BUTTE-MONTANA AFB AP — STATION NAME
41-46, 46-65 — YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | 100 | 100 | 93 | 85 | 81 | |
| 42 | 80 | 79 | 87 | 92 | 10 | 110 | 111 | 104 | 103 | 97 | 89 | 79 | 111 |
| 43 | 79 | 88 | 92 | 102 | 10 | 105 | 110 | 102 | 105 | 97 | 95 | 75 | 110 |
| 44 | 78 | 78 | 93 | 98 | 10 | 108 | 108 | 111 | 105 | 99 | 87 | 78 | 111 |
| 45 | 80 | 79 | 84 | 95 | 9 | 106 | 106 | 107 | 106 | 95 | 91 | 75 | 108 |
| 46 | 80 | | | | | | | | | | | | |
| 47 | 95* | 73 | 82 | 99 | 10 | 106 | 107 | 105 | 106 | 95 | 92 | 76 | 107 |
| 48 | 78 | 83 | 89 | 97 | 10 | 106 | 104 | 105 | 104 | 94 | 86 | 80 | 106 |
| 49 | 88 | 80 | 92 | 93 | 9 | 106 | 106 | 107 | 108 | 100 | 87 | 83 | 108 |
| 50 | 81 | 89 | 81 | 93 | 10 | 105 | 106 | 103 | 102 | 97 | 80 | 77 | 106 |
| 51 | 78 | 76 | 80 | 91 | 9 | 108 | 109 | 104 | 107 | 98 | 89 | 75 | 109 |
| 52 | 89 | 79 | 92 | 94 | 9 | 112 | 110 | 108 | 105 | 100 | 89 | 77 | 112 |
| 53 | 79 | 84 | 86 | 96 | 9 | 109 | 108 | 102 | 104 | 99 | 86 | 84 | 109 |
| 54 | 76 | 82 | 87 | 89 | 10 | 108 | 109 | 97 | 102 | 101 | 84 | 81 | 109 |
| 55 | 80 | 76 | 90 | 89 | 10 | 107 | 105 | 103 | 104 | 96 | 93 | 75 | 107 |
| 56 | 73 | 88 | 85 | 97 | 9 | 108 | 106 | 101 | 101 | 96 | 77 | 74 | 108 |
| 57 | 75 | 81 | 76 | 93 | 10 | 107 | 109 | 99 | 101 | 92 | 86 | 83 | 109 |
| 58 | 80 | 77 | 83 | 95 | 9 | 106 | 104 | 100 | 103 | 96 | 79 | 78 | 106 |
| 59 | 76 | 77 | 87 | 93 | 10 | 112 | 107 | 104 | 101 | 92 | 84 | 79 | 112 |
| 60 | 79 | 80 | 84 | 97 | 10 | 107 | 104 | 101 | 98 | 93 | 76 | 74 | 107 |
| 61 | 75 | 83 | 88 | 101 | 9 | 105 | 102 | 106 | 103 | 92 | 84 | 75 | 106 |
| 62 | 79 | 88 | 96 | 97 | 9 | 102 | 105 | 102 | 100 | 99 | 83 | 71 | 105 |
| 63 | 75 | 74 | 85 | 92 | 9 | 103 | 105 | 102 | 96 | 94 | 82 | 71 | 105 |
| 64 | 76 | 77 | 85 | 96 | 9 | 101 | 105 | 103 | 98 | 97 | 84 | 79 | 105 |
| 65 | 73 | 71 | 83 | 87 | 9 | 105 | 104 | 100 | 96 | 91 | 84 | 79 | 105 |
| 66 | 81 | 82 | 89 | 87 | 9 | 104 | 105 | 102 | 99 | 92 | 86 | 68 | 105 |
| 67 | 73 | 82 | 92 | 86 | 10 | 109 | 103 | 95 | 100 | 91 | 83 | 79 | 109 |
| 68 | 81 | 73 | 86 | 95 | 10 | 106 | 106 | 105 | 101 | 96 | 78 | 78 | 106 |
| 69 | 78 | 79 | 77 | 96 | 10 | 111 | 106 | 100 | 102 | 96 | 84 | 82 | 111 |
| 70 | 84 | 78 | 90 | 91 | 9 | 105 | 109 | 97 | 101 | 97 | 85 | 79 | 109 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-80-5 (OL-A)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

722745 DAVIS-MONTHAN AFB AZ 41-46, 48-85
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 77 | [illegible]3 | 89 | 92 | 9[illegible] | 107 | 106 | 107 | 97 | 9[illegible] | 7[illegible] | 73 | 1[illegible] |
| 7[illegible] | 7[illegible] | 76 | 74 | >[illegible] | 9[illegible] | 108 | 10[illegible] | 104 | 104 | 96 | 87 | 81 | 10[illegible] |
| 7[illegible] | 7[illegible] | [illegible]2 | 87 | 91 | 10 | 110 | 10[illegible] | 1[illegible]8 | 101 | 94 | 79 | 7[illegible] | 110 |
| 7[illegible] | 77 | 7[illegible] | [illegible]4 | [illegible]5 | 9 | 104 | 102 | 107 | 97 | 93 | 98 | 8[illegible] | 10[illegible] |
| 7[illegible] | 79 | 81 | [illegible]4 | [illegible]8 | 9[illegible] | 107 | 104 | 102 | 96 | 90 | 82 | 78 | 10[illegible] |
| 77 | 7[illegible] | [illegible]2 | [illegible]1 | [illegible]0 | 10[illegible] | 106 | 103 | 104 | 101 | 98 | [illegible]5 | 77 | 1[illegible]6 |
| 7[illegible] | 7[illegible] | 75 | [illegible]5 | [illegible]2 | 10 | 110 | 10[illegible] | 100 | 98 | 95 | 84 | 74 | 11[illegible] |
| 7[illegible] | 7[illegible] | [illegible]2 | 79 | [illegible]2 | 9 | 109 | 11[illegible] | 101 | 103 | 97 | [illegible]1 | 7[illegible] | 11[illegible] |
| [illegible] | 7[illegible] | 81 | 77 | [illegible]4 | 9 | 107 | 107 | 104 | 10[illegible] | 101 | [illegible]0 | [illegible]1 | 107 |
| [illegible] | 7[illegible] | [illegible]3 | [illegible]2 | [illegible]2 | 9 | 108 | 10[illegible] | 10[illegible] | 99 | 9[illegible] | [illegible]6 | [illegible]2 | 1[illegible]9 |
| [illegible]2 | 7[illegible] | 83 | 81 | [illegible]1 | 9 | 106 | 10[illegible] | 102 | 10[illegible] | [illegible]3 | 79 | 7[illegible] | 10[illegible] |
| [illegible]0 | 75 | 74 | 81 | [illegible]8 | 10[illegible] | 102 | 11[illegible] | 103 | 10[illegible] | [illegible]6 | [illegible]1 | 75 | 1[illegible] |
| [illegible]4 | 73 | 76 | 83 | 91 | 10 | 101 | 10[illegible] | 102 | 101 | [illegible]7 | 95 | 72 | 1[illegible] |
| [illegible] | [illegible]5 | 79 | [illegible]2 | [illegible]2 | | | | | | | | | |
| MEAN | 77.2 | 79.5 | 84.3 | 92.1 | 99. | 106.6 | 106.3 | 102.8 | 101.6 | 94.6 | [illegible]3.9 | 77.1 | 10[illegible].2 |
| S D | 4.439 | 4.130 | 4.313 | 3.892 | 3.20 | 2.690 | 2.492 | 3.174 | 3.125 | 3.932 | 3.617 | 3.725 | [illegible].075 |
| TOTAL OBS. | 1393 | 1165 | 1302 | 1260 | 127[illegible] | 1230 | 1271 | 1302 | 1260 | 1302 | 1260 | 1302[illegible] | 15256 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

72745 DAVID-MONTHAN AFB AZ 41-46, 48-85
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 41 | | | | | | | | 66 | 61 | 42 | 30 | 20 | |
| 42 | 20 | 12 | 23 | 28 | 47 | 61 | 64 | 69 | 60 | 43 | 34 | 30 | 28 |
| 43 | 21 | 29 | 40 | 42 | 4 | 57 | 67 | 65 | 61 | 37 | 27 | 30 | 27 |
| 44 | 20 | 32 | 34 | 31 | 4 | 55 | 67 | 66 | 64 | 41 | 23 | 34 | 30 |
| 45 | 3 | 33 | 32 | 29 | 9 | 56 | 66 | 64 | 60 | 46 | 24 | 27 | 27 |
| 46 | 29 | | | | | | | | | | | | |
| 48 | 24* | 34 | 20 | 29 | 5 | 55 | 69 | 70 | 66 | 43 | 21 | 29 | 24 |
| 49 | 20 | 29 | 34 | 28 | 6 | 56 | 68 | 67 | 67 | 37 | 39 | 24 | 24 |
| 50 | 21 | 33 | 28 | 42 | 3 | 58 | 66 | 66 | 67 | 43 | 42 | 35 | 21 |
| 51 | 27 | 29 | 32 | 39 | 4 | 57 | 7 | 65 | 65 | 47 | 35 | 28 | 27 |
| 52 | 27 | 26 | 21 | 44 | 5 | 59 | 66 | 65 | 6 | 43 | 24 | 21 | 21 |
| 53 | 22 | 26 | 22 | 41 | 4 | 58 | 67 | 69 | 66 | 43 | 30 | 31 | 22 |
| 54 | 21 | 35 | 33 | 49 | 4 | 59 | 7 | 65 | 60 | 46 | 37 | 28 | 25 |
| 55 | 27 | 23 | 21 | 41 | 46 | 54 | 63 | 69 | 61 | 49 | 34 | 24 | 23 |
| 56 | 34 | 26 | 21 | 35 | 5 | 64 | 67 | 67 | 65 | 41 | 25 | 31 | 25 |
| 57 | 23 | 35 | 37 | 41 | 4 | 63 | 72 | 67 | 61 | 44 | 32 | 24 | 23 |
| 58 | 24 | 33 | 34 | 26 | 5 | 65 | 69 | 70 | 65 | 45 | 25 | 32 | 25 |
| 59 | 22 | 33 | 35 | 30 | 4 | 62 | 67 | 69 | 59 | 42 | 29 | 31 | 29 |
| 60 | 27 | 26 | 35 | 41 | 5 | 54 | 70 | 68 | 61 | 46 | 31 | 28 | 26 |
| 61 | 30 | 36 | 38 | 43 | 5 | 55 | 67 | 64 | 56 | 40 | 30 | 30 | 32 |
| 62 | 21 | 32 | 29 | 46 | 4 | 52 | 66 | 66 | 61 | 43 | 33 | 27 | 21 |
| 63 | 24 | 36 | 32 | 37 | 51 | 54 | 69 | 67 | 60 | 43 | 36 | 32 | 24 |
| 64 | 22 | 24 | 29 | 28 | 4 | 59 | 63 | 65 | 58 | 42 | 30 | 29 | 22 |
| 65 | 24 | 23 | 27 | 26 | 41 | 53 | 65 | 65 | 62 | 42 | 34 | 32 | 23 |
| 66 | 25 | 32 | 29 | 41 | 5 | 58 | 70 | 70 | 60 | 40 | 33 | 24 | 24 |
| 67 | 21 | 33 | 34 | 34 | 3 | 58 | 69 | 69 | 60 | 43 | 28 | 29 | 21 |
| 68 | 22 | 35 | 25 | 26 | 4 | 55 | 66 | 65 | 54 | 47 | 32 | 27 | 25 |
| 69 | 28 | 29 | 30 | 44 | 4 | 59 | 69 | 70 | 63 | 41 | 33 | 24 | 24 |
| 70 | 25 | 29 | 36 | 27 | 4 | 53 | 70 | 69 | 60 | 47 | 40 | 32 | 25 |
| 71 | 17 | 28 | 22 | 40 | 4 | 54 | 70 | 67 | 55 | 31 | 30 | 27 | 17 |
| MEAN | | | | | | | | | | | | | |
| S D | | | | | | | | | | | | | |
| TOTAL OBS | | | | | | | | | | | | | |

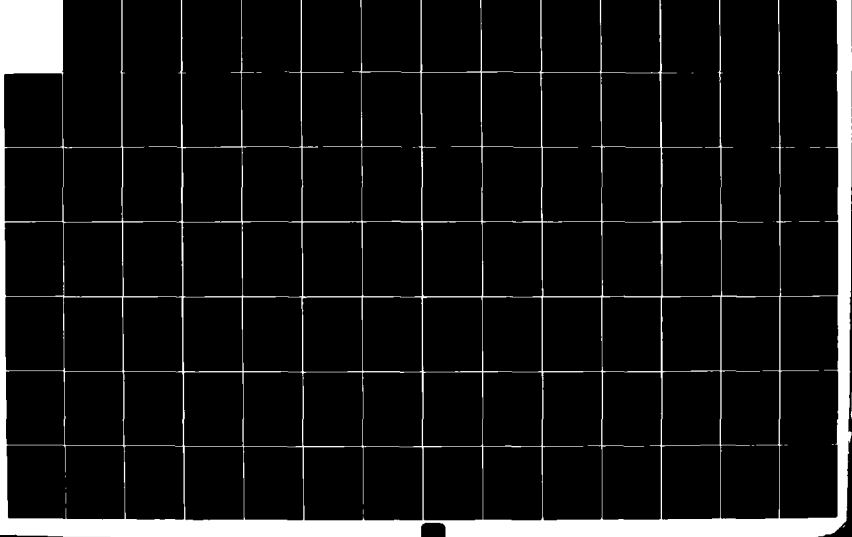
NOTES * (BASED ON LESS THAN FULL MONTHS)

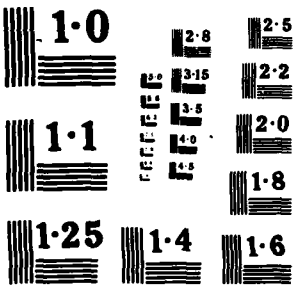
USAF ETAC FORM AIR 64 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

AD A159 644 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




1·0
1·1
1·25
1·4
1·6
1·8
2·0
2·2
2·5
2·8
3·15
3·5
4·0

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

72274 DAVIS-MONTHAN AFB AZ 41-46, 48-65
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 7[illegible] | 27 | 32 | 35 | 40 | 5 | 54 | 69 | 66 | 56 | 39 | 34 | 28 | 27 |
| 7[illegible] | 27 | 35 | 33 | 35 | 4 | 57 | 66 | 69 | 57 | 45 | 30 | 27 | 27 |
| 74 | 31 | 28 | 33 | 40 | 4 | 62 | 69 | 68 | 62 | 40 | 36 | 22 | 22 |
| 75 | 27 | 27 | 33 | 37 | 4 | 59 | 68 | 69 | 61 | 40 | 33 | 28 | 27 |
| 76 | 28 | 34 | 32 | 33 | 4 | 54 | 68 | 67 | 61 | 41 | 29 | 30 | 25 |
| 77 | 29 | 30 | 32 | 36 | 4 | 61 | 70 | 69 | 64 | 51 | 40 | 37 | 29 |
| 7[illegible] | 30 | 29 | 36 | 35 | 4 | 60 | 66 | 68 | 56 | 50 | 37 | 22 | 22 |
| 7[illegible] | 27 | 32 | 35 | 34 | 4 | 55 | 66 | 63 | 61 | 42 | 28 | 33 | 27 |
| [illegible] | 28 | 36 | 40 | 40 | 4 | 55 | 69 | 66 | 64 | 44 | 35 | 32 | 32 |
| [illegible]1 | 34 | 32 | 38 | 39 | 5 | 65 | 70 | 69 | 62 | 44 | 36 | 32 | 32 |
| [illegible] | 32 | 33 | 36 | 39 | 5 | 60 | 67 | 67 | 56 | 43 | 36 | 30 | 30 |
| [illegible] | 30 | 32 | 38 | 37 | 4 | 58 | 66 | 65 | 64 | 54 | 32 | 36 | 30 |
| 84 | 31 | 30 | 39 | 39 | 4 | 64 | 66 | 67 | 61 | 48 | 31 | 32 | 30 |
| 85 | 32 | 25 | 34 | 44 | | | | | | | | | |
| MEAN | 28.3 | 30.5 | 33.5 | 39.2 | 46.6 | 58.3 | 67.8 | 67.1 | 60.2 | 44.3 | 34.0 | 29.8 | 25.9 |
| S.D. | 4.439 | 3.769 | 3.664 | 4.354 | 4.104 | 3.670 | 1.935 | 1.897 | 3.944 | 5.087 | 3.669 | 4.236 | 3.779 |
| TOTAL OBS. | 1333 | 1165 | 1302 | 1260 | 127# | 1230 | 1271 | 1302 | 1260 | 1302 | 1260 | 1302 | 15259 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

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

# (AT LEAST ONE DAY LESS THAN 24 OBS)

2

...GLOBAL CLIMATOLOGY BRANCH
...SAFETAC
A... WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...245 STATION | PARIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | MAR MONTH

PART I | 0000-2400 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 |
| ...A | | | | | | | .1 | | | | | | | | | | | 6 | | | |
| ... | | | | | | | .1 | | .3 | | | | | | | | | 4 | 4 | | |
| ...56 | | | | | .1 | .2 | .4 | .2 | .3 | .3 | | | | | | | | 14 | 14 | | |
| ...67 | | | .2 | .3 | .4 | .3 | .2 | 1.2 | .6 | | | | | | | | | 31 | 30 | | |
| ...58 | | | .2 | .2 | 1.0 | .2 | .4 | .4 | .1 | | | | | | | | | 45 | 47 | | |
| ...57 | | .2 | 1.0 | 1.1 | .5 | .5 | .4 | .6 | | | | | | | | | | 53 | 57 | 4 | |
| ... | | .7 | 1.5 | 2.3 | 1.4 | 1.4 | 1.3 | .8 | | | | | | | | | | 83 | 88 | 24 | 9 |
| ...4 | | 2.2 | 2.2 | 2.6 | 1.3 | 1.5 | .4 | .9 | | | | | | | | | | 125 | 125 | 31 | 13 |
| ...47 | | 2.6 | 3.1 | 1.1 | 1.4 | .4 | 1.0 | .1 | | | | | | | | | | 101 | 101 | 76 | 19 |
| ...4 | | 4.2 | 2.3 | 1.7 | 1.9 | 1.4 | .4 | .1 | | | | | | | | | | 116 | 116 | 85 | 43 |
| ...47 | .1 | 2.4 | 1.6 | 2.1 | 2.0 | 2.3 | .2 | | | | | | | | | | | 112 | 112 | 132 | 61 |
| ...41 | | 3.7 | 2.8 | 1.4 | 1.6 | 1.0 | .2 | | | | | | | | | | | 101 | 101 | 130 | 65 |
| ... | .1 | 1.7 | 4.1 | 1.2 | .6 | .4 | | | | | | | | | | | | 76 | 76 | 122 | 55 |
| ...37 | | 1.1 | 2.6 | .5 | .1 | | | | | | | | | | | | | 36 | 36 | 106 | 72 |
| ...3 | | .6 | 1.2 | .2 | | | | | | | | | | | | | | 21 | 21 | 112 | 89 |
| ...73 | .1 | .5 | .2 | .4 | | | | | | | | | | | | | | 13 | 13 | 67 | 73 |
| ...71 | | .7 | .6 | .4 | .1 | | | | | | | | | | | | | 17 | 17 | 36 | 97 |
| ... | | | | .4 | | | | | | | | | | | | | | 4 | 4 | 14 | 54 |
| ...57 | | | | | | | | | | | | | | | | | | | | 9 | 64 |
| ...56 | | | | | | | | | | | | | | | | | | | | 2 | 56 |
| ...28 | | | | | | | | | | | | | | | | | | | | 4 | 16 |
| ...21 | | | | | | | | | | | | | | | | | | | | | 3 |
| ...1 | | | | | | | | | | | | | | | | | | | | | 1 |
| ...17 | | | | | | | | | | | | | | | | | | | | | 5 |
| ...1 | | | | | | | | | | | | | | | | | | | | | 11 |
| ...15 | | | | | | | | | | | | | | | | | | | | | 15 |
| 1 ...11 | | | | | | | | | | | | | | | | | | | | | 11 |
| ... | | | | | | | | | | | | | | | | | | | | | 3 |
| ... | .4 | 21.7 | 24.9 | 17.0 | 12.3 | 10.5 | 7.3 | 4.3 | 1.4 | .3 | | | | | | | | | 928 | | 928 |
| | | | | | | | | | | | | | | | | | | 928 | | 928 | |

| 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. | 4109750 | 5...63 | 63.52 | 21.057 | 928 | | | | | | | |
| Dry Bulb | ...038134 | 42818 | 46.0 | 6.290 | 930 | | 2.1 | | | | | 93 |
| Wet Bulb | 1...76174 | 3...74.8 | 40.3 | 5.520 | 928 | | 7.0 | | | | | 97 |
| Dew Point | 10 1899 | 3...534 | 32.9 | 9.128 | 928 | | 43.1 | | | | | 93 |

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

2

GL -AL CLIMATOLOGY BRANCH
...FETAC
A... ...EAT ER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72274 | DAVIS-MONTHAN AFB AZ | 76-85 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-0900
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 | | | | |
| / 51 | | | | | | | .4 | | | | | | | | | | | 4 | 4 | | |
| / 59 | | | | | | .1 | | | .2 | | | | | | | | | 3 | 3 | | |
| / 57 | | | | | .4 | .5 | .1 | .3 | .8 | | | | | | | | | 32 | 32 | | |
| 5 / 55 | | | | .4 | .3 | 1.3 | .2 | .5 | .9 | .1 | | | | | | | | 39 | 39 | | |
| / 51 | | | .3 | .5 | .3 | .4 | .9 | 1.2 | .3 | | | | | | | | | 46 | 46 | 1 | |
| / 51 | .1 | .2 | 1.1 | 2.3 | 1.4 | 1.0 | .5 | .4 | | | | | | | | | | 65 | 63 | 71 | |
| / 4 | | 1.5 | 1.1 | 1.6 | 1.1 | 1.4 | 1.1 | .2 | | | | | | | | | | 75 | 76 | 23 | 1 |
| / 47 | .3 | 2.7 | 2.4 | 1.9 | 1.3 | .8 | 1. | .2 | | | | | | | | | | 88 | 87 | 57 | 1 |
| / 43 | .5 | 3.7 | 1.4 | 1.7 | 2.6 | 1.5 | 1.1 | | | | | | | | | | | 117 | 117 | 73 | 4 |
| 4 / 41 | | 3.5 | 1.3 | 1.6 | 1.6 | 1.3 | .6 | | | | | | | | | | | 117 | 117 | 115 | 34 |
| / 41 | | 3.9 | 3.2 | 2.7 | 1. | 1.5 | .2 | | | | | | | | | | | 117 | 117 | 109 | 1 |
| / | .2 | 1.5 | 4.1 | 2.0 | 1.2 | .3 | .1 | | | | | | | | | | | 7 | 7 | 107 | 73 |
| / 37 | .3 | 1. | 2. | 1.6 | .6 | . | | | | | | | | | | | | 2 | 2 | 106 | 45 |
| / 35 | | 1. | 1.2 | .4 | | .1 | | | | | | | | | | | | 1 | 2 | 101 | 43 |
| / 33 | .1 | 1.8 | 1. | .4 | | | | | | | | | | | | | | 34 | 34 | 94 | 61 |
| / 31 | | 1.1 | . | .4 | .2 | | | | | | | | | | | | | 19 | 19 | 89 | 103 |
| / | | | . | | | | | | | | | | | | | | | 2 | 2 | 29 | 64 |
| / 27 | | | .1 | .2 | | | | | | | | | | | | | | 1 | 1 | 13 | 67 |
| / 25 | | | | | | | | | | | | | | | | | | | | 4 | 78 |
| / 23 | | | | | | | | | | | | | | | | | | | | 1 | 83 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 87 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 47 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 37 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 23.3 | 21. | 19.1 | 12.8 | 10.0 | 7.2 | 2.4 | 1.1 | | | | | | | | | 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. | 414544 | 59346 | 64.0 | 19.779 | 927 | | | | | | | |
| Dry Bulb | 1899714 | 41622 | 44.8 | 6.305 | 930 | | 2.4 | | | | | |
| Wet Bulb | 1461776 | 36426 | 39.3 | 5.686 | 927 | | 11.0 | | | | | 93 |
| Dew Point | 1027156 | 29670 | 32.0 | 9.150 | 927 | | 49.1 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12,745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | JUL MONTH

PERIOD 1 | 00Z-08Z 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 131 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| / 128 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| / 127 | | | .1 | .2 | .2 | .1 | .2 | .5 | .2 | | | | | | | | | 15 | 15 | | |
| 5 / 125 | | | .1 | .2 | 1.1 | .2 | .2 | 1.7 | .2 | | | | | | | | | 26 | 26 | | |
| / 5 | | .7 | .1 | 1.6 | .5 | .7 | 1.1 | .3 | | | | | | | | | | 46 | 46 | 5 | |
| / 121 | | .5 | 1.1 | 1.7 | 1.2 | .6 | 1.3 | .4 | | | | | | | | | | 64 | 64 | 1. | |
| / 4 | .1 | 1.2 | 1.2 | 2.0 | 1.1 | 1.4 | .6 | .1 | | | | | | | | | | 73 | 73 | 23 | 1 |
| / 47 | .1 | 2.1 | 1.7 | .9 | 1.6 | .8 | .2 | .5 | | | | | | | | | | 80 | 80 | 46 | 1 |
| / 4 | .3 | 2.4 | 1.7 | 1.3 | 2.5 | 1.6 | .5 | | | | | | | | | | | 106 | 106 | 76 | 4 |
| / 95 | .1 | 4.1 | 1.3 | 2.5 | 2.8 | 1.5 | .3 | | | | | | | | | | | 111 | 111 | 79 | 4 |
| / 41 | | 3.1 | 3.5 | 3.7 | 1.2 | 1.4 | .5 | | | | | | | | | | | 117 | 117 | 116 | |
| / 5 | .2 | 2.5 | 2.9 | 2.2 | 1.5 | 1. | | | | | | | | | | | | 95 | 95 | 99 | 7 |
| / 7 | . | 1.4 | 3. | 1.5 | .9 | .1 | | | | | | | | | | | | 73 | 73 | 111 | 7 |
| / 35 | | 2. | 1. | 1.3 | .3 | .1 | | | | | | | | | | | | 47 | 47 | 156 | 6 |
| / 33 | | 1.5 | 1.2 | .4 | .2 | .1 | | | | | | | | | | | | 32 | 32 | 113 | 5 |
| / 31 | | 1.2 | .5 | .2 | .1 | | | | | | | | | | | | | 22 | 22 | 56 | 4 |
| / 2 | | .5 | .1 | | .1 | | | | | | | | | | | | | 7 | 7 | 44 | 6 |
| / 27 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| / 25 | | | . | | | | | | | | | | | | | | | 2 | 2 | 7 | 6 |
| / 2 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| / 21 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| / | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| 1.6 | 1.1 | 2.4 | 2.2 | 1.8 | 1.6 | 1.4 | 9.4 | 6.3 | 2.9 | .4 | | | | | | | | | 4.3 | | 1.7 |
| | | | | | | | | | | | | | | | | | | 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. | 4179165 | 59567 | 64.3 | 19.484 | 927 | | | | | | | |
| Dry Bulb | 1c34275 | 40853 | 44.0 | 6.378 | 929 | | 3.7 | | | | | 93 |
| Wet Bulb | 1417 12 | 35346 | 38.7 | 5.776 | 927 | | 12.3 | | | | | 92 |
| Dew Point | 992295 | 29135 | 31.4 | 9.083 | 927 | | 51.6 | | | | | 53 |

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

2

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

# PSYCHROMETRIC SUMMARY

72274... | MAJS-MONTHAN AFB AZ | 76-85 | JA...
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0900-11...
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 |
| ... / 73 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| ... / 71 | | | | | | | | | | | .1 | | .1 | | | | | 2 | 2 | | |
| ... / 69 | | | | | | | | | | .1 | .2 | | .1 | | | | | 4 | 4 | | |
| ... / 67 | | | | | | | | | .1 | .3 | .3 | | | | | | | 7 | 7 | | |
| ... / 65 | | | | | | | .1 | .1 | .4 | .2 | .4 | | | | | | | 12 | 12 | | |
| ... / 63 | | | | | .2 | .3 | .3 | .3 | .5 | .6 | .5 | | | | | | | 27 | 27 | | |
| ... / 61 | | | | .1 | .1 | .8 | .3 | .4 | 1.0 | 1.0 | .1 | | | | | | | 3... | 3... | | |
| ... / 59 | | | | .1 | 1.0 | .8 | .9 | 1.3 | 1.2 | 1.1 | .1 | | | | | | | 5... | 5... | | |
| ... / 57 | | | .4 | 1.0 | 1.0 | 1.3 | 1.... | 2.3 | 1.4 | .2 | | | | | | | | ...4 | ...4 | | |
| 5... / 55 | | .5 | .5 | 2.3 | 2.5 | 1.5 | 2.... | 1.1 | 1.0 | .2 | | | | | | | | 1... | 1... | 5 | |
| 4... / 53 | | .6 | .... | 2.2 | 1.... | 2.6 | 2.... | 1.4 | .5 | | | | | | | | | 112 | 112 | 23 | ... |
| ... / 51 | .1 | .9 | 2.2 | 2.4 | 1.7 | 2.3 | 1.0 | .6 | .1 | | | | | | | | | 1... | 1... | 5... | 1... |
| ... / 49 | .2 | 1.5 | 2.... | 1.7 | 1.7 | 2.3 | .5 | .1 | .2 | | | | | | | | | 9... | 9... | 74 | ... |
| ... / 47 | .1 | 1.2 | 1.... | 1.5 | 2.2 | .... | 1.... | .6 | | | | | | | | | | ...4 | ...4 | 124 | ... |
| ... / 45 | .1 | .9 | 1.... | 2.5 | 1.7 | .6 | .4 | | | | | | | | | | | 73 | 73 | 139 | 54 |
| ...4... / 43 | | .9 | 1.1 | 1.... | 1.5 | .... | .... | | | | | | | | | | | 4... | 4... | 145 | ... |
| ... / 41 | .1 | .5 | .5 | 1.2 | .4 | .... | | | | | | | | | | | | ... | ... | 113 | ... |
| ... / ... | | .... | .3 | .6 | .9 | | .1 | | | | | | | | | | | ... | ... | 124 | 65 |
| ... / ... | | .1 | .... | .... | .1 | | | | | | | | | | | | | 1... | 1... | 61 | 71 |
| ... / 35 | | .... | .1 | .3 | .1 | | | | | | | | | | | | | 7 | 7 | 43 | 67 |
| ... / 33 | | .1 | .1 | .1 | | | | | | | | | | | | | | ... | ... | ... | ... |
| ... / 31 | | | | | | | | | | | | | | | | | | | | 9 | 88 |
| ... / ... | | | | | | | | | | | | | | | | | | | | 4 | 86 |
| ... / ... | | | | | | | | | | | | | | | | | | | | ... | ... |
| ... / 25 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 23 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 21 | | | | | | | | | | | | | | | | | | | | | 87 |
| ... / 19 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 17 | | | | | | | | | | | | | | | | | | | | | 2... |
| ... / 15 | | | | | | | | | | | | | | | | | | | | | 1... |
| ... / 13 | | | | | | | | | | | | | | | | | | | | | ... |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... / ... | | | | | | | | | | | | | | | | | | | | | 4 |
| ... / ... | | | | | | | | | | | | | | | | | | | | | ... |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23,745 | DAVIS-MONTHAN AFB AZ | 76-85 | JAN
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1900-1100
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 | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 8.3 | 6.5 | 3.8 | 1.8 | | .3 | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | 93 | | 93 | 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. | 2567126 | 49062 | 52.8 | 20.195 | 930 | | | | | | | |
| Dry Bulb | 2557462 | 48372 | 52.0 | 6.683 | 930 | | | 1.4 | .1 | | | 93 |
| Wet Bulb | 1745[illegible] | 4[illegible]460 | 43.5 | 5.116 | 935 | | 1.[illegible] | | | | | 93 |
| Dew Point | 111045 | 30258 | 33.3 | 9.275 | 930 | | 44.2 | | | | | 93 |

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

CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

22745 | DAVIS-MONTHAN AFB AZ | 76-85 | JAN
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 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 |
| / 79 | | | | | | | | | | | | | | .1 | .1 | | | 2 | 2 | | |
| 7 / 77 | | | | | | | | | | | | .1 | .2 | | .3 | | | 6 | 6 | | |
| / 75 | | | | | | | | | | | | .3 | .1 | .3 | | | | 7 | 7 | | |
| 74 / 73 | | | | | | | | | | .1 | .1 | .4 | .3 | .3 | | | | 12 | 12 | | |
| / 71 | | | | | | | | .2 | | .2 | 1.4 | .5 | 1.0 | | | | | 31 | 31 | | |
| / 69 | | | | | | | .1 | .4 | .3 | .8 | .5 | 1.6 | .1 | | | | | 36 | 36 | | |
| / 67 | | | | | | .1 | | .4 | 1.4 | .9 | 1.5 | 1.5 | | | | | | 4 | 4 | | |
| 66 / 65 | | | | | .1 | .3 | 1.2 | 1.3 | .9 | 2.5 | 2.4 | .2 | | | | | | 12 | 12 | | |
| 47 / 63 | | | | | .5 | .3 | 1.0 | 1.3 | 1.6 | 2.0 | 1.2 | .2 | | | | | | 46 | 46 | | |
| / 61 | | .1 | | .3 | .3 | .7 | 1.7 | 1.9 | 2.3 | 1.3 | .5 | | | | | | | 43 | 43 | | |
| / 59 | | | | .1 | 1.7 | 2.7 | 1.5 | 2.6 | 1.3 | .5 | | | | | | | | 94 | 94 | 4 | |
| / 57 | | .2 | .2 | .5 | 1.4 | 3.2 | 2.7 | 2.2 | .4 | .3 | | | | | | | | 117 | 117 | 5 | 1 |
| 5 / 55 | | .1 | .5 | 1.1 | 1.4 | .9 | 2.2 | 2.3 | .4 | .4 | | | | | | | | 77 | 77 | 18 | 3 |
| 44 / 53 | | .6 | .7 | 1.6 | 1.4 | 1.2 | 2.1 | .4 | .3 | .1 | | | | | | | | 50 | 50 | 56 | 1 |
| 27 / 51 | | .5 | 1.2 | .9 | 1.4 | .9 | .5 | .2 | .4 | | | | | | | | | 58 | 58 | 135 | 17 |
| / 49 | | .6 | .3 | .6 | .9 | 1.1 | .4 | .1 | | | | | | | | | | 38 | 38 | 140 | 22 |
| 47 / 47 | | .4 | .4 | .5 | .3 | 1.1 | .1 | | | | | | | | | | | 27 | 27 | 126 | 29 |
| 4 / 45 | | .2 | | .3 | .9 | .5 | | | | | | | | | | | | 18 | 18 | 151 | 45 |
| 44 / 43 | | .1 | .2 | | .5 | .1 | .3 | | | | | | | | | | | 12 | 12 | 98 | 36 |
| / 41 | | | | .1 | .3 | .3 | .1 | | | | | | | | | | | 8 | 8 | 61 | 44 |
| / 39 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 31 | 7 |
| / 37 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 28 | 14 |
| / 35 | | | | | | | | | | | | | | | | | | | | 16 | 13 |
| 33 / 33 | | | | | | | | | | | | | | | | | | | | 8 | 5 |
| / 31 | | | | | | | | | | | | | | | | | | | | 5 | 17 |
| / 29 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 21 / 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 17 / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 15 / 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 13 / 13 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]-MONTHAN AFB AZ | 76-85 | [illegible] |

DATA [illegible] HOURS (L. S. T.) 1200-1400

| 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 / 11 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / / | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / / | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1[illegible] | [illegible] | .3 | 4.1 | 6.5 | 11.2 | 13.5 | 14.9 | 13.1 | 9.0 | 8.8 | 7.6 | 4.9 | 1.7 | .[illegible] | .4 | | | 93[illegible] | [illegible] | 93[illegible] | [illegible] |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1,[illegible]10[illegible]4 | 38262 | 41.1[illegible] | 6.758 | 930 | | | | | | | [illegible] |
| Dry Bulb | 3311[illegible]81 | 55[illegible]7 | 59.[illegible] | 7.251 | 930 | | | 14.8 | 2.7 | | | [illegible] |
| Wet Bulb | 2[illegible]2435 | 43573 | 46.[illegible] | 4.687 | 930 | | .[illegible] | | | | | [illegible] |
| Dew Point | 10[illegible]6227 | 3[illegible]671 | 33.[illegible] | 8.542 | 930 | | 45.6 | | | | | [illegible] |

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

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

# PSYCHROMETRIC SUMMARY

...745 STATION | DAVIS-MONTHAN ..., AZ STATION NAME | 76-8... YEARS | JAN MONTH

PAGE 1 | 1...-17... 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 |
| .../ 5 | | | | | | | | | | | | | .1 | .2 | .2 | | | 5 | | | |
| 7 .../ 27 | | | | | | | | | | | | | .2 | .2 | .1 | | | 5 | | | |
| .../ 7 | | | | | | | | | | | .1 | .2 | .4 | .4 | | | | 11 | 11 | | |
| 4/ 22 | | | | | | | | | | .2 | .4 | 1.1 | .6 | .3 | | | | 25 | 25 | | |
| .../ 32 | | | | | | | .1 | | .1 | .2 | .6 | .3 | 2.3 | | | | | 34 | 34 | | |
| .../ 5... | | | | | | | . | .5 | .6 | 1.3 | 1.7 | 1.6 | .2 | | | | | 5... | 5... | | |
| .../ 67 | | | | | | .1 | .1 | .5 | 1.3 | 2.5 | 1.4 | 2.4 | .1 | | | | | 7... | 7... | | |
| .../ ... | | | | | | .2 | . | 1.6 | 1.2 | 2.2 | 1.7 | .3 | | | | | | ... | ... | | |
| 4/ 6... | | | | .1 | .4 | 1.. | 1.4 | 1.1 | 2.0 | 1.2 | 1.1 | .2 | | | | | | 7... | 7... | | |
| .../ 5... | | | | | 1.2 | 1.. | 1.. | 2.2 | 2.2 | 2.. | .4 | | | | | | | ... | ... | | |
| .../ 3... | | .1 | .1 | .. | .4 | 2.. | 2.. | 1.. | 1.1 | .9 | | | | | | | | ... | ... | 1 | |
| .../ 57 | | | .. | .4 | 1.2 | 1.. | 1.7 | 2.4 | .6 | .2 | .2 | | | | | | | ... | ... | 5 | |
| 5 .../ 5... | | .2 | . | .5 | 2.0 | 2.2 | 1.. | .8 | .4 | .6 | | | | | | | | ... | ... | 50 | 1 |
| .../ 52 | | .. | 1.1 | .3 | 2.2 | 1.1 | 1.. | .5 | .4 | | | | | | | | | 7... | 7... | 62 | 7 |
| 2/ 51 | | .4 | 1.. | .2 | .3 | 1.2 | .. | .2 | .1 | | | | | | | | | 3... | ... | 1... | ... |
| .../ 4 | | .2 | .2 | .3 | .2 | .. | .4 | | | | | | | | | | | 27 | 27 | 1.. | 27 |
| .../ 47 | | .2 | .2 | .2 | .1 | 1.. | .4 | | | | | | | | | | | 2... | 2... | 175 | 33 |
| 4/ 4... | | | | .2 | | .. | .3 | .3 | | | | | | | | | | 1... | 14 | 140 | 41 |
| .../ 4... | | | .. | .1 | | .. | .1 | | | | | | | | | | | ... | ... | 1... | 44 |
| .../ 41 | | .1 | .2 | .2 | | | .. | | | | | | | | | | | 7 | 7 | 4... | ... |
| .../ 3... | | | | | | | | | | | | | | | | | | | | 3... | ... |
| .../ 37 | | | | | | | | | | | | | | | | | | | | 24 | 57 |
| .../ 3... | | | | | | | | | | | | | | | | | | | | 12 | 0 |
| .../ 33 | | | | | | | | | | | | | | | | | | | | 3 | ... |
| .../ 3... | | | | | | | | | | | | | | | | | | | | 4 | 1.. |
| .../ ... | | | | | | | | | | | | | | | | | | | | | 5... |
| .../ 27 | | | | | | | | | | | | | | | | | | | | | ... |
| .../ 25 | | | | | | | | | | | | | | | | | | | | | ... |
| .../ 2... | | | | | | | | | | | | | | | | | | | | | 31 |
| .../ 2... | | | | | | | | | | | | | | | | | | | | | 1 |
| .../ 1... | | | | | | | | | | | | | | | | | | | | | ... |
| .../ 17 | | | | | | | | | | | | | | | | | | | | | ... |
| 1 .../ 1 | | | | | | | | | | | | | | | | | | | | | ... |
| .../ 13 | | | | | | | | | | | | | | | | | | | | | 1... |

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

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

2

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

# PSYCHROMETRIC SUMMARY

722745 — STATION
AVIS-MOUNTAIN AFS AZ — STATION NAME
76-85 — YEARS
JAN — MONTH
HOURS (L.S.T.) 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | 2.[illegible] | [illegible].[illegible] | 3.3 | 3.1 | 13.3 | 13.7 | 12.9 | 10.2 | 12.1 | 7.8 | 6.1 | 4.0 | 1.2 | .3 | | | 92[illegible] | [illegible] | 929 | [illegible] |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1[illegible]2687 | 35683 | 38.4 | 8.345 | 929 | | | | | | | |
| Dry Bulb | 3471[illegible]2 | 56388 | 60.7 | 7.272 | 929 | | | 21.7 | 4.[illegible] | | | [illegible] |
| Wet Bulb | 20[illegible]674 | 43[illegible]54 | 47.[illegible] | 9.533 | 929 | | .4 | | | | | [illegible] |
| Dew Point | 1061643 | 30105 | 32.4 | 9.630 | 929 | | 47.6 | | | | | [illegible] |

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

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...AL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

| 74[illegible] | [illegible]AJITO-MOUNTAIN AFB AZ | 76-80 | [illegible] |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PART I — [illegible] 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 | | | | | |
| / 7[illegible] | | | | | | | | | | .1 | | .1 | .1 | | | | | | [illegible] | [illegible] | | |
| / 5[illegible] | | | | | | | | | | | .[illegible] | .4 | | | | | | | [illegible] | [illegible] | | |
| / 67 | | | | | | | | .1 | | .1 | .2 | .2 | | | | | | | [illegible] | | | |
| / [illegible] | | | | | | .1 | .[illegible] | .[illegible] | .6 | 1.2 | 1.[illegible] | .3 | | | | | | | 91 | 91 | | |
| / [illegible] | | | | | | . | .[illegible] | .4 | 1.1 | .8 | .[illegible] | | | | | | | | 34 | 34 | | |
| / 62 | | | | | .[illegible] | 1.4 | 1.2 | 1.2 | 1.2 | 1.3 | .1 | .1 | | | | | | | [illegible]2 | | | |
| / [illegible]6 | | | .[illegible] | .[illegible] | 1.5 | .[illegible] | 1.[illegible] | 2.[illegible] | 1.1 | 1.1 | | | | | | | | | 7[illegible] | 7[illegible] | | |
| / 57 | | .1 | .[illegible] | 1.4 | 1.2 | 2.[illegible] | 1.[illegible] | 1.7 | 1.5 | .3 | .1 | | | | | | | | [illegible] | [illegible] | | |
| [illegible] / 55 | | .[illegible] | 1.[illegible] | 1.[illegible] | 2.[illegible] | 2.[illegible] | 2.[illegible] | 1.5 | 1.1 | .1 | | | | | | | | | 1.2 | 1.2 | [illegible] | |
| / [illegible]4 | | .[illegible] | 1.[illegible] | 1.7 | 2.[illegible] | 2.5 | 1.[illegible] | 1.1 | 4 | .1 | | | | | | | | | 1[illegible] | 1[illegible] | [illegible]2 | [illegible] |
| / [illegible]1 | 1.1 | 1.4 | 2.[illegible] | 2.3 | 1.[illegible] | 1.[illegible] | .4 | .3 | | | | | | | | | | | 1[illegible] | 1[illegible] | 76 | 7 |
| / 4 | 1.[illegible] | 2.[illegible] | 2. | 2.3 | 2.4 | .4 | .4 | | | | | | | | | | | | 1.2 | 1.[illegible] | 36 | [illegible] |
| / 47 | .[illegible] | 1.[illegible] | 1.6 | 1.7 | 1.1 | .4 | .3 | | | | | | | | | | | | 57 | 57 | 147 | [illegible] |
| / 4[illegible] | .9 | .4 | .[illegible] | .9 | .3 | .1 | | | | | | | | | | | | | [illegible]1 | [illegible]1 | 1[illegible] | [illegible] |
| / 43 | .[illegible] | .[illegible] | .4 | .4 | .[illegible] | | | | | | | | | | | | | | 1 | .1 | 1[illegible] | [illegible] |
| / 41 | .[illegible] | .[illegible] | .6 | .4 | .[illegible] | .1 | | | | | | | | | | | | | 19 | 19 | 113 | [illegible] |
| / [illegible] | .[illegible] | | .2 | .6 | .2 | .1 | | | | | | | | | | | | | 1[illegible] | 1[illegible] | 79 | 7[illegible] |
| / [illegible] | .1 | | .2 | .1 | .[illegible] | | | | | | | | | | | | | | 7 | 7 | [illegible]6 | [illegible] |
| / [illegible] | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 21 | [illegible] |
| [illegible] / 33 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 71 |
| / 31 | | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible]1 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| / 25 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 23 | | | | | | | | | | | | | | | | | | | | | | - |
| / 21 | | | | | | | | | | | | | | | | | | | | | | [illegible]4 |
| / 1 | | | | | | | | | | | | | | | | | | | | | | 34 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / 1 | | | | | | | | | | | | | | | | | | | | | | - |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / 11 | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |

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

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

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AF ...EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...745 | ...ALIS-MONTHAN AFB AZ | 76-85 | ...
STATION | STATION NAME | YEARS | MONTH

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb Dew Point |
| ... | | 9. | 10. | 11. | 9. | 11. | 8. | 3 | 11. | 1. | 7 | 3 | 5.1 | 2.3 | 1.2 | .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. | 2469578 | 46442 | 49.9 | 19.420 | 93 | | | | | | | |
| Dry Bulb | 2768 2 | 50342 | 54.2 | 6.422 | 930 | | | 1.6 | | | | |
| Wet Bulb | 1 26 | 41635 | 44. | 4.978 | 93 | | 1. | | | | | |
| Dew Point | 1147732 | 31504 | 33.9 | 9.295 | 93 | | 40.2 | | | | | |

USAFETAC FORM 0-26-5 (OL-A) 8 JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

72[illegible] / DAVIS-MONTHAN AFB AZ / 76-85 YEARS / JAN MONTH

PAGE 1 / 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | .1 | | | .4 | .1 | | | | | | | | 6 | 6 | | |
| [illegible] | | | | | .2 | .3 | .4 | .4 | .3 | .9 | | | | | | | | 22 | 22 | | |
| [illegible] | | | . | .1 | .6 | .3 | .3 | .2 | .2 | .4 | | | | | | | | 33 | 33 | | |
| [illegible] | | | .1 | .1 | 1.5 | .3 | .3 | .1 | .5 | | | | | | | | | 73 | 73 | | |
| 54 / 55 | | .2 | .3 | .3 | .5 | 1.0 | 1.2 | .9 | .4 | .1 | | | | | | | | 54 | 54 | 3 | |
| [illegible] / 53 | | 1.3 | 1.5 | 2.3 | 1.0 | 1.9 | 1.7 | 1.0 | .5 | | | | | | | | | 103 | 103 | 11 | 3 |
| [illegible] / 51 | | .6 | 1.3 | 2.3 | 1.5 | 2.2 | 1.3 | .8 | .1 | | | | | | | | | 84 | 84 | 43 | 17 |
| [illegible] / 49 | | 2.0 | 2.1 | 3.0 | 1.5 | 1.4 | 1.3 | .4 | | | | | | | | | | 120 | 120 | 53 | 17 |
| [illegible] / 47 | | 2.4 | 2.5 | 2.7 | 2.5 | 1.5 | 1.2 | .2 | | | | | | | | | | 170 | 170 | 76 | 30 |
| [illegible] / 45 | | 3.1 | 2.7 | 2.7 | 2.3 | 1.3 | .3 | | | | | | | | | | | 114 | 114 | 111 | 63 |
| [illegible] / 43 | | 2.1 | 2.1 | 2.2 | .5 | 1.3 | .4 | | | | | | | | | | | 79 | 79 | 173 | 58 |
| [illegible] / 41 | | 1.6 | 2.7 | 1.7 | .4 | .7 | | | | | | | | | | | | 53 | 53 | 176 | 50 |
| [illegible] / 39 | .1 | .5 | 2.7 | 1.2 | .4 | .3 | | | | | | | | | | | | 49 | 49 | 135 | 67 |
| [illegible] / 37 | | .4 | 1.1 | .5 | .4 | .1 | | | | | | | | | | | | 24 | 24 | 95 | 76 |
| [illegible] / 35 | | .1 | .2 | .4 | .3 | | | | | | | | | | | | | 12 | 12 | 73 | 74 |
| [illegible] / 33 | | .1 | .3 | .2 | .2 | | | | | | | | | | | | | 6 | 6 | 34 | 60 |
| [illegible] / 31 | | | .1 | .4 | | | | | | | | | | | | | | 5 | 5 | 19 | 79 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | 12 | 57 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | 7 | 63 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | 4 | 47 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 25 |
| [illegible] / 21 | | | | | | | | | | | | | | | | | | | | | 20 |
| [illegible] / 19 | | | | | | | | | | | | | | | | | | | | | 26 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 26 |
| [illegible] / 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 11 / 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] / 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .1 | 15.2 | 21.3 | 21.1 | 13.4 | 12.4 | 8.4 | 4.0 | 2.6 | 1.4 | | | | | | | | | 929 | | 929 | | 6.0 |

| 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. | 3749713 | 50117 | 60.4 | 19.694 | 929 | | | | | | | |
| Dry Bulb | 2276773 | 44917 | 48.3 | 6.145 | 929 | | .5 | | | | | .7 |
| Wet Bulb | 1655673 | 38892 | 41.9 | 5.442 | 929 | | 4.2 | | | | | 6.3 |
| Dew Point | 1140777 | 31403 | 33.8 | 9.242 | 929 | | 39.7 | | | | | 53 |

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# PSYCHROMETRIC SUMMARY

| 722745 | DAVIS-MONTHAN AFB AZ | 76-85 | JAN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 — ALL (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / 7 | | | | | | | | | | | | | .0 | .0 | .0 | | | 7 | 7 | | |
| 7 / 27 | | | | | | | | | | | | .0 | .1 | .0 | .1 | | | 11 | 11 | | |
| / 7 | | | | | | | | | | | .0 | .1 | .1 | .1 | | | | 19 | 19 | | |
| 34 / 7 | | | | | | | | | | .0 | .1 | .2 | .1 | .1 | | | | 35 | 35 | | |
| / 71 | | | | | | | .0 | .0 | .0 | .1 | .3 | .1 | .4 | | | | | 72 | 72 | | |
| / 69 | | | | | | | .2 | .1 | .1 | .3 | .2 | .5 | .1 | | | | | 156 | 156 | | |
| / 67 | | | | | | .2 | .0 | .1 | .3 | .5 | .4 | .5 | .0 | | | | | 145 | 145 | | |
| / 8 | | | | | .2 | .1 | .2 | .5 | .4 | .8 | .7 | .1 | | | | | | 217 | 217 | | |
| 47 / 3 | | | | .2 | .1 | .2 | .5 | .4 | .7 | .6 | .4 | .1 | | | | | | 234 | 234 | | |
| / 81 | | .2 | | .1 | .3 | .5 | .6 | .8 | .9 | .8 | .1 | .0 | | | | | | 312 | 312 | | |
| / 95 | | .0 | .1 | .2 | .7 | .9 | .9 | 1.0 | .6 | .5 | .2 | | | | | | | 367 | 267 | 5 | |
| / 57 | | .0 | .3 | .6 | 1.0 | 1.2 | 1.0 | 1.5 | .8 | .1 | .0 | | | | | | | 457 | 457 | 13 | 1 |
| 5 / 55 | | .2 | .6 | .9 | 1.3 | 1.0 | 1.4 | 1.1 | .5 | .2 | | | | | | | | 549 | 549 | 60 | 3 |
| / 53 | | .7 | 1.2 | 1.4 | 1.2 | 1.4 | 1.5 | .7 | .3 | .0 | | | | | | | | 621 | 621 | 236 | 17 |
| / 81 | .2 | .6 | 1.3 | 1.9 | 1.4 | 1.4 | 1.6 | .5 | .1 | | | | | | | | | 614 | 614 | 462 | 61 |
| / 4 | .1 | 1.5 | 1.5 | 1.5 | 1.7 | 1.5 | .7 | .3 | .0 | | | | | | | | | 634 | 634 | 593 | 147 |
| / 47 | .1 | 1.7 | 1.7 | 1.3 | 1.3 | 1.2 | .9 | .3 | | | | | | | | | | 602 | 606 | 888 | 199 |
| / 42 | .1 | 1.9 | 1.8 | 1.3 | 1.6 | 1.2 | .8 | .1 | | | | | | | | | | 543 | 543 | 953 | 366 |
| 47 / 43 | .2 | 1.7 | 1.8 | 1.3 | 1.1 | 1.2 | .3 | | | | | | | | | | | 497 | 497 | 943 | 432 |
| / 41 | .1 | 1.7 | 1.9 | 1.4 | .6 | .6 | .2 | | | | | | | | | | | 461 | 461 | 782 | 476 |
| / 7 | .1 | .9 | 1.0 | .9 | .6 | .3 | .1 | | | | | | | | | | | 347 | 347 | 707 | 574 |
| / 22 | .1 | .4 | 1.7 | .8 | .3 | .1 | | | | | | | | | | | | 215 | 215 | 570 | 546 |
| / 35 | | .1 | .2 | .3 | .1 | .0 | | | | | | | | | | | | 113 | 113 | 506 | 486 |
| 3 / 33 | .2 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | | | | 96 | 96 | 352 | 429 |
| / 31 | | .4 | .2 | .2 | .1 | | | | | | | | | | | | | 83 | 83 | 196 | 745 |
| / 29 | | .1 | .2 | .1 | .0 | | | | | | | | | | | | | 13 | 13 | 115 | 489 |
| / 27 | | .1 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 35 | 522 |
| / 25 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 17 | 472 |
| / 23 | | | | | | | | | | | | | | | | | | | | 14 | 194 |
| 2 / 21 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 217 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 191 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 33 |

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

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

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...AL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

72...745 — STATION
...AVIS-MONTMAN AFB AZ — STATION NAME
76-85 — YEARS
JAN — MONTH
PART ... — HOURS (L. S. T.) ALL

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | .9 | 17.1 | 15.7 | 14.6 | 13.2 | 12.5 | 10.8 | 7.2 | 4.8 | 3.9 | 2.4 | 1.5 | .8 | .2 | .1 | | | | | 7437 | | 744 |
| | | | | | | | | | | | | | | | | | | | 7430 | | 7430 | |

| Element (X) | $\Sigma_X^2$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 25420217 | 403367 | 54.3 | 21.775 | 7430 | | | | | | | |
| Dry Bulb | 20058673 | 380449 | 51.2 | 8.955 | 7437 | | 8.3 | 39.5 | 7.4 | | | 744 |
| Wet Bulb | 13901940 | 318200 | 42.8 | 6.078 | 7430 | | 39.7 | | | | | 744 |
| Dew Point | 8617984 | 243984 | 32.8 | 9.326 | 7430 | | 361.0 | | | | | 744 |

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# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVID-MONTHAN AFB AZ STATION NAME | 76-65 YEARS | [illegible] MONTH

PAGE 1 [illegible] HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | .2 | | | | | | | 2 | 2 | | |
| [illegible] | | | | | | | .1 | | | .2 | .1 | | | | | | | 4 | 4 | | |
| / 81 | | | | | .2 | .1 | .1 | | | .1 | .1 | .1 | | | | | | 7 | 7 | | |
| / 79 | | | | | .4 | .6 | | .4 | .1 | .2 | | | | | | | | 14 | 14 | | |
| / 77 | | | .4 | .6 | .2 | .4 | .7 | .5 | .4 | .2 | | | | | | | | 28 | 28 | | |
| 5 / 75 | | .1 | .2 | 1.1 | 1.6 | 1.5 | 1.0 | .5 | .7 | .2 | .2 | | | | | | | 64 | 64 | 1 | |
| [illegible] | | .5 | .5 | .9 | 2.2 | 2.7 | 1.9 | .9 | .5 | .1 | | | | | | | | 86 | 86 | 3 | |
| / 51 | | .9 | 2.0 | 2.4 | 2.3 | 1.1 | 1.5 | 1.4 | .2 | | | | | | | | | 104 | 104 | 18 | 7 |
| / 49 | | .6 | 1.9 | 1.6 | 2.4 | 1.6 | 1.4 | .9 | .1 | | | | | | | | | 90 | 90 | 34 | 13 |
| / 47 | | 1.3 | 2.5 | 2.4 | 2.5 | 1.6 | 1.2 | .4 | | | | | | | | | | 106 | 103 | 55 | 9 |
| / 45 | | 3.1 | 2.6 | 2.5 | 2.1 | 1.1 | .5 | | | | | | | | | | | 103 | 103 | 83 | 33 |
| / 43 | | 1.6 | 1.9 | 2.6 | 1.2 | .9 | .1 | | | | | | | | | | | 71 | 71 | 127 | 27 |
| / 41 | | 1.6 | 2.4 | .9 | .7 | 1.2 | | | | | | | | | | | | 63 | 63 | 101 | 61 |
| / 39 | | .7 | 1.1 | .2 | 1.4 | .7 | | | | | | | | | | | | 35 | 35 | 129 | 53 |
| / 37 | .2 | .7 | 1.7 | .5 | 1.9 | | | | | | | | | | | | | 39 | 39 | 105 | 72 |
| / 35 | | 1.7 | .1 | .4 | .6 | | | | | | | | | | | | | 22 | 22 | 57 | 71 |
| 7 / 33 | | 1.7 | | .2 | .4 | | | | | | | | | | | | | 16 | 16 | 38 | 41 |
| / 31 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 40 | 24 |
| / 29 | | | | | | | | | | | | | | | | | | | | 20 | 43 |
| / 27 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | 7 | 43 |
| / 25 | | | | | | | | | | | | | | | | | | | | 6 | 40 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 4 / 21 | | | | | | | | | | | | | | | | | | | | | 29 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 42 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 35 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 15 |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72[illegible] | [illegible]AVIS-MONTHAN AFB AZ | 76-80 | [illegible]
STATION | STATION NAME | YEARS | MONTH

[illegible] | [illegible]
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 | | | | | | |
| T[illegible] | .2 | 13.7 | 17.7 | 16.5 | [illegible].7 | 13.5 | [illegible] | 4.8 | [illegible] | 1.2 | .7 | .1 | | | | | | | | 849 | | 849 | |

| 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. | 3147036 | 48940 | 57.6 | 19.632 | 849 | | | | | | | |
| Dry Bulb | 1967233 | 40505 | 47.7 | 6.404 | 849 | | .6 | | | | | .4 |
| Wet Bulb | 1439188 | 34646 | 40.8 | 5.468 | 849 | | 7.2 | | | | | 7.4 |
| Dew Point | 938199 | 27055 | 31.9 | 9.469 | 849 | | 39.9 | | | | | 39.4 |

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

USAFETAC

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A ...EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

...2 74' STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | FEB MONTH

PAGE 1 | 0300-05 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 | .1 | | .1 | | .1 | | | | | | 4 | 4 | | |
| / 21 | | | | | | | .1 | | .2 | | .2 | | | | | | | 5 | 5 | | |
| / 19 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| / 17 | | | .1 | | .4 | | .3 | .2 | | .4 | | | | | | | | 10 | 10 | | |
| 5 / 15 | | .4 | .7 | .4 | .2 | .6 | .7 | .7 | .4 | .4 | | | | | | | | 37 | 37 | | |
| / 13 | | | .6 | .9 | 1.3 | 1.2 | 1.1 | .2 | .1 | .1 | | | | | | | | 49 | 49 | 7 | |
| / 11 | | .7 | .3 | 1.0 | 1.5 | 1.3 | .7 | .8 | .1 | | | | | | | | | 2 | 2 | 11 | 6 |
| / 9 | | 1.3 | 1.5 | 2.2 | 2.9 | 2.4 | 1.4 | 1.5 | .2 | | | | | | | | | 115 | 115 | 26 | 2 |
| / 7 | | .9 | 2.1 | 3.1 | 1.5 | 2.4 | 1.3 | .5 | | | | | | | | | | 104 | 104 | 25 | 17 |
| 4 / 5 | | 2.7 | 1.5 | 1.3 | 2.6 | .7 | .8 | | | | | | | | | | | 82 | 82 | 76 | 1 |
| 3 / 3 | .1 | 1.7 | 2.9 | 3.5 | .8 | 1.3 | .6 | | | | | | | | | | | 90 | 90 | 114 | 33 |
| / 1 | | 2.2 | 3.6 | 2.3 | .9 | 1.2 | | | | | | | | | | | | 84 | 84 | 107 | 44 |
| / | .1 | 1.1 | 2.4 | 1.1 | 1.3 | .2 | | | | | | | | | | | | 56 | 56 | 111 | 49 |
| / 27 | | 1.3 | 1.1 | .1 | 2.1 | .4 | | | | | | | | | | | | 46 | 46 | 127 | 65 |
| / 25 | | 1.2 | .7 | 1.3 | .8 | | | | | | | | | | | | | 34 | 34 | 96 | 87 |
| 3 / 23 | | .7 | .6 | .9 | .4 | | | | | | | | | | | | | 24 | 22 | 49 | 72 |
| / 21 | | .9 | .1 | .2 | .1 | | | | | | | | | | | | | 13 | 13 | 35 | 108 |
| / 19 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 47 | 67 |
| / 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 9 | 40 |
| / 15 | | | | | | | | | | | | | | | | | | | | 7 | 13 |
| / 13 | | | | | | | | | | | | | | | | | | | | 3 | 23 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 17 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 22 |
| 1 / 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 19 |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 14 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 / -3 | .2 | 1.5 | 2.0 | 3.1 | 1.9 | 3.8 | 1.9 | 1.1 | 1.3 | 7.4 | 4.1 | 1.1 | .9 | .2 | .1 | | | | 949 | | 849 |
| | | | | | | | | | | | | | | | | | | 849 | | 849 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3275771 | 50135 | 59.1 | 19.286 | 849 | | | | | | | |
| Dry Bulb | 1817981 | 38915 | 45.8 | 6.356 | 849 | | 1.4 | | | | | .4 |
| Wet Bulb | 1347 4 | 33492 | 39.4 | 5.589 | 849 | | 10.2 | | | | | .4 |
| Dew Point | -83811 | 20203 | 30.9 | 9.411 | 849 | | 44.3 | | | | | .4 |

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

SECTION CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

72274 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
76-85 — YEARS
FEB — MONTH

PAGE 1
0600-0900 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 47 / 50 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 42 / 46 | | | | .1 | | | | | .1 | | | | | | | | | 2 | 2 | | |
| 37 / 41 | | | | | | .1 | .4 | .1 | .2 | .2 | | | | | | | | 7 | 7 | | |
| 32 / 36 | | | .4 | .1 | .6 | .2 | .1 | .1 | | .2 | | | | | | | | 13 | 15 | | |
| 27 / 31 | | .2 | .4 | .5 | .5 | .7 | .7 | .2 | .5 | .1 | | | | | | | | 72 | 32 | 1 | |
| 22 / 26 | | .1 | .4 | .9 | .5 | 1.4 | 2.. | .1 | .1 | .4 | | | | | | | | 50 | 50 | 7 | 1 |
| 17 / 21 | | .5 | 1.3 | 1.5 | 1.4 | 1.2 | 1.2 | 1.2 | .4 | .1 | | | | | | | | 74 | 74 | 6 | 4 |
| 12 / 16 | .1 | 1.2 | 1.3 | 1.5 | 3.2 | 2.4 | 1.4 | 1.5 | .2 | | | | | | | | | 109 | 109 | 25 | 11 |
| 7 / 11 | | .4 | 2.7 | 2.9 | 1.9 | 1.5 | 2.0 | .5 | | | | | | | | | | 111 | 111 | 35 | 17 |
| 2 / 6 | | 1.7 | 2.6 | 2.6 | 2.6 | .7 | .2 | .2 | | | | | | | | | | 95 | 95 | 48 | 13 |
| -3 / 1 | | 2.2 | 2.2 | 2.8 | 2.1 | 1.1 | .8 | | | | | | | | | | | 94 | 94 | 135 | 35 |
| -8 / -4 | | 1.7 | 2.5 | 2.4 | 1.1 | .2 | | | | | | | | | | | | 72 | 72 | 116 | 31 |
| -13 / -9 | .1 | 1.7 | 3.3 | .6 | 1.4 | .6 | | | | | | | | | | | | 67 | 67 | 127 | 61 |
| -18 / -14 | | 1.2 | 2.. | .6 | 1.3 | .1 | | | | | | | | | | | | 46 | 47 | 129 | 49 |
| -23 / -19 | | 1.2 | .9 | 1.1 | 1.1 | | | | | | | | | | | | | 36 | 36 | 102 | 67 |
| -28 / -24 | | 1.2 | .2 | 1.2 | .2 | | | | | | | | | | | | | 24 | 24 | 62 | 79 |
| -33 / -29 | | .2 | | .7 | | | | | | | | | | | | | | 13 | 13 | 40 | 122 |
| -38 / -34 | .1 | .1 | .2 | .2 | | | | | | | | | | | | | | 0 | 5 | 41 | 56 |
| -43 / -39 | | | .1 | .4 | | | | | | | | | | | | | | 4 | 4 | 11 | 70 |
| -48 / -44 | | | | | | | | | | | | | | | | | | | | 7 | 36 |
| -53 / -49 | | | | | | | | | | | | | | | | | | | | 0 | 3 |
| -58 / -54 | | | | | | | | | | | | | | | | | | | | | 10 |
| -63 / -59 | | | | | | | | | | | | | | | | | | | | | 41 |
| -68 / -64 | | | | | | | | | | | | | | | | | | | | | 45 |
| -73 / -69 | | | | | | | | | | | | | | | | | | | | | 20 |
| -78 / -74 | | | | | | | | | | | | | | | | | | | | | 13 |
| -83 / -79 | | | | | | | | | | | | | | | | | | | | | 10 |
| -88 / -84 | | | | | | | | | | | | | | | | | | | | | 4 |
| -93 / -89 | | | | | | | | | | | | | | | | | | | | | 3 |
| -98 / -94 | | | | | | | | | | | | | | | | | | | | | 2 |
| -103 / -99 | | | | | | | | | | | | | | | | | | | | | 1 |
| TAL | .4 | 14.5 | 20.6 | 23.6 | 17.8 | 11.3 | 9.2 | 4.1 | 1.5 | .8 | | | | | | | | | 490 | | 848 |
| | | | | | | | | | | | | | | | | | | 848 | | 848 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3213537 | 49616 | 58.5 | 19.147 | 848 | | | | | | | |
| Dry Bulb | 1793593 | 38535 | 45.4 | 6.382 | 849 | | 2.3 | | | | | 54 |
| Wet Bulb | 1315103 | 33059 | 39.0 | 5.581 | 848 | | 10.4 | | | | | 84 |
| Dew Point | 848987 | 25630 | 30.2 | 9.368 | 848 | .1 | 48.2 | | | | | 54 |

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

USAFETAC

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

# PSYCHROMETRIC SUMMARY

72... | DAVIS-MONTHAN AFB, AZ | 76-85 | ...
STATION | STATION NAME | YEARS | MONTH

PART I | 0...-1... | HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| ... / 79 | | | | | | | | | | | .1 | | .0 | .1 | | | | 4 | 6 | | |
| 42 / 78 | | | | | | | | | | | .1 | .1 | | | | | | | | | |
| ... / 77 | | | | | | | | | | | .1 | .4 | .5 | | | | | 11 | 11 | | |
| ... / 69 | | | | | | | | .2 | .1 | .9 | .0 | .7 | .5 | | | | | 3... | 3... | | |
| ... / 67 | | | | | | | | .2 | .0 | 1.5 | .7 | .6 | | | | | | 31 | 31 | | |
| 6... / 6... | | | | | | | .. | .7 | 1.6 | 1.4 | .2 | .2 | | | | | | 49 | 4... | | |
| 47 / 63 | | | | | .5 | .. | 1.1 | 1.6 | 1.8 | 1.3 | 1.2 | .1 | | | | | | 58 | 58 | | |
| .. / 61 | | | | .1 | .2 | .7 | 1.1 | .9 | 1.2 | .6 | .1 | .1 | | | | | | 43 | 43 | | |
| ... / 59 | | | .1 | .2 | .0 | 1.2 | 1.. | 2.1 | 1.3 | 1.5 | .5 | | | | | | | 7... | 7... | | |
| ... / 57 | | .1 | | .. | 1.6 | 1.4 | 2.1 | 2.1 | .9 | .6 | .2 | | | | | | | 3... | 3... | 1... | |
| 3 / 55 | | .2 | .. | .7 | 1.8 | 1.4 | 1.. | 1.6 | 1.8 | .2 | | | | | | | | 6 | | 11 | |
| ... / 53 | | .1 | 1.2 | .. | 1.5 | 2.. | 2.. | .8 | .7 | .1 | | | | | | | | 2... | 2... | 2... | 4 |
| 27 / 51 | | .4 | .. | 1.5 | 1.9 | 1.2 | .. | 1.4 | .2 | | | | | | | | | 71 | 71 | 7... | 4 |
| .. / 49 | | | 1.2 | 1.2 | 1.4 | 1.5 | 1.4 | .4 | | | | | | | | | | 1... | 1... | 12... | 5 |
| ... / 47 | | .0 | 1.3 | .7 | 1.3 | .9 | 1.1 | .1 | | | | | | | | | | 2... | 2... | 119 | 10 |
| 6 / 45 | | .2 | 1.1 | .5 | .9 | .6 | .6 | | | | | | | | | | | 41 | 41 | 131 | 33 |
| 4... / 43 | | .2 | .. | .7 | .2 | .4 | .1 | | | | | | | | | | | 1... | 1... | 1... | .. |
| .. / 41 | | .5 | .4 | .6 | .2 | .2 | | | | | | | | | | | | 1... | 1... | 85 | 11 |
| 1... / 39 | | | .5 | | .1 | | | | | | | | | | | | | 6 | 6 | 94 | 5... |
| 3 / 37 | | .4 | .2 | | | .1 | | | | | | | | | | | | 4... | 4... | 44 | 6... |
| ... / 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 31 | 7... |
| 3 / 33 | | .1 | | | .2 | | | | | | | | | | | | | 2... | 2... | 12 | 7... |
| ... / 31 | | | | | .2 | | | | | | | | | | | | | 2... | | 2 | -6 |
| .. / 2... | | | | | | | | | | | | | | | | | | | | 1 | 1... |
| ... / 27 | | | | | | | | | | | | | | | | | | | | | 44 |
| ... / 25 | | | | | | | | | | | | | | | | | | | | 2 | 33 |
| 2... / 23 | | | | | | | | | | | | | | | | | | | | 1... | 2... |
| .. / 21 | | | | | | | | | | | | | | | | | | | | | 3... |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | 1... |
| 1... / 17 | | | | | | | | | | | | | | | | | | | | | 3... |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 1... |
| 1... / 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1... / 9 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722745 | DAVIS-MONTHAN AFB AZ | 76-85 | FEB
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 |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | 3 | .2 | 8.2 | 13.3 | 13.0 | 14.1 | 12.4 | 10.2 | 7.8 | 5.2 | 2.9 | 1.2 | .1 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | 849 | | 849 | | | | |

| 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. | 1912756 | 36961 | 43.5 | 18.924 | 849 | | | | | | | |
| Dry Bulb | 2704227 | 47471 | 55.9 | 7.674 | 849 | | .2 | 7.2 | .1 | | | 8 |
| Wet Bulb | 1720031 | 37973 | 44.7 | 5.050 | 849 | | .7 | | | | | 54 |
| Dew Point | 920199 | 26807 | 31.6 | 9.327 | 849 | | 42.1 | | | | | 84 |

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

2

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

# PSYCHROMETRIC SUMMARY

72-746 STATION | LAVL-MOUNTAIN AFB AZ STATION NAME | 76-85 YEARS | [illegible] MONTH

[illegible] 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 | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | | | | |
| [illegible] | | | | | | | | | | | | | | .1 | .4 | .1 | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | | | | | | .2 | .7 | .2 | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | | | | | .5 | .4 | 1.4 | .6 | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | | | | .1 | .9 | 1.3 | 1.9 | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | | | .1 | .5 | 2.1 | 2.1 | 1.5 | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | | .2 | .9 | 1.6 | 2.0 | 1.2 | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | | .1 | 1.2 | 1.8 | 2.6 | 1.6 | .8 | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | | . | 1.1 | 1.3 | 2.4 | 1.[illegible] | 1.3 | .4 | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | | .2 | 1.[illegible] | 1.1 | 1.8 | 2.[illegible] | 1.2 | .7 | | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | .1 | .4 | 1.2 | .7 | 1.1 | 1.5 | 1.9 | 1.1 | .6 | | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | | .[illegible] | .[illegible] | 1.[illegible] | 1.4 | 1.4 | 2.[illegible] | .6 | | | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | | .[illegible] | .[illegible] | 1.4 | 2.[illegible] | 1.6 | 1.5 | 1.3 | .4 | | | | | | | [illegible] | [illegible] | | | | | |
| [illegible] | | | .[illegible] | 1.1 | .5 | .7 | 1.2 | 1.3 | 1.1 | .7 | | | | | | | | [illegible] | [illegible] | [illegible] | | | | |
| [illegible] | | | | .5 | .6 | .6 | .4 | .9 | .6 | .5 | | | | | | | | [illegible] | [illegible] | 71 | | | | |
| [illegible] | | | .1 | .6 | 1.3 | .5 | .7 | .4 | .7 | .1 | | | | | | | | 37 | 37 | 102 | | | | |
| [illegible] | | | .4 | .4 | .6 | .9 | .4 | 1.1 | .1 | | | | | | | | | [illegible] | 59 | 149 | 7 | | | |
| [illegible] | | .2 | .[illegible] | .1 | .7 | .9 | .1 | | | | | | | | | | | [illegible] | [illegible] | 137 | 11 | | | |
| [illegible] 47 | | .1 | .[illegible] | .5 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 139 | 14 | | | |
| [illegible] 4[illegible] | | | .1 | .7 | .4 | | | .2 | | | | | | | | | | [illegible] | [illegible] | 105 | 22 | | | |
| [illegible] 43 | | .4 | .1 | | | | .[illegible] | | | | | | | | | | | [illegible] | [illegible] | 76 | 37 | | | |
| [illegible] 41 | | | .4 | | | | | | | | | | | | | | | [illegible] | 3 | 31 | 44 | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 71 | 33 | | | |
| [illegible] 37 | | | | | | .[illegible] | | | | | | | | | | | | [illegible] | [illegible] | 16 | 44 | | | |
| [illegible] 35 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 1 | 27 | | | |
| [illegible] 33 | | | | | | | | | | | | | | | | | | | | 1 | [illegible] | | | |
| [illegible] 31 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | | | |
| [illegible] 29 | | | | | | | | | | | | | | | | | | | | [illegible] | 11 | | | |
| [illegible] 27 | | | | | | | | | | | | | | | | | | | | 3 | [illegible] | | | |
| [illegible] 25 | | | | | | | | | | | | | | | | | | | | | 5 | | | |
| [illegible] 23 | | | | | | | | | | | | | | | | | | | | | 19 | | | |
| [illegible] 21 | | | | | | | | | | | | | | | | | | | | | 57 | | | |
| [illegible] 19 | | | | | | | | | | | | | | | | | | | | | 6 | | | |
| [illegible] 17 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
A... AFB-ET SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...74... | DAVIS-MONTHAN AFB AZ | 70-74 | FEB
STATION | STATION NAME | YEARS | 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 | | | | |
| ... / ... | | | | | | | | | | | | | | | | | | | | | 17 |
| ... / ... | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| / | | | | | | | | | | | | | | | | | | | | | |
| Tot | .7 | .2 | 4.4 | 6.4 | 7.5 | 9.6 | 10.1 | 11.4 | 13.7 | 9.5 | 9.8 | 6.4 | 5.7 | 1.8 | .2 | | | 349 | 849 | 849 | 849 |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11444 | 27615 | 32.5 | 17.33 | 849 | | | | | | | |
| Dry Bulb | 3[illegible]496 | 54013 | 63.6 | 8.34[illegible] | 849 | | | 32.7 | 13.4 | 1.1 | | 24 |
| Wet Bulb | 196777 | 40685 | 47.9 | 4.621 | 849 | | .1 | | | | | 24 |
| Dew Point | [illegible]51663 | 25[illegible]13 | 30.4 | 9.5[illegible] | 849 | | 48.9 | | | | | 24 |

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

2

SE[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
A[illegible]EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | [illegible] MONTH

[illegible] 1 | [illegible]-17 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] | | | | | | | | | | | | | | | .4 | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | | | [illegible] | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | .7 | 1.4 | 2.4 | [illegible] | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | .8 | 2.5 | 2.4 | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | .1 | 1.1 | 1.3 | .7 | 1.1 | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | .4 | 1.3 | 1.9 | 2.7 | 2.6 | .2 | | | | 77 | 77 | | |
| [illegible] | | | | | | | | .5 | 1.3 | 1.4 | 3.5 | 1.4 | 1.1 | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | .1 | .7 | 2.2 | .9 | 1.1 | 1.6 | .1 | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | [illegible] | .6 | 1.2 | 2.2 | .7 | 1.4 | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | .1 | .6 | .5 | [illegible] | 1.9 | 2.4 | 2.2 | 2. | .1 | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | .1 | .4 | .6 | 1.3 | [illegible] | 1.4 | 1.6 | 1.6 | .2 | .2 | | | | | | 71 | 71 | | |
| [illegible] | | | | .5 | .7 | 1.1 | [illegible] | 1.4 | 1.4 | .6 | | | | | | | | [illegible] | [illegible] | | |
| [illegible] | | .1 | .5 | | .3 | .2 | [illegible] | .8 | .7 | 1.3 | | | | | | | | 45 | 45 | [illegible] | |
| [illegible] | | | [illegible] | | [illegible] | 1.1 | [illegible] | .2 | .4 | .5 | | | | | | | | [illegible] | [illegible] | 27 | |
| [illegible] | | .4 | [illegible] | .7 | .4 | [illegible] | [illegible] | .8 | .5 | | | | | | | | | 41 | 41 | 121 | [illegible] |
| [illegible] | | | [illegible] | .1 | .5 | [illegible] | [illegible] | | .4 | | | | | | | | | [illegible] | [illegible] | 17[illegible] | [illegible] |
| [illegible] | | .5 | [illegible] | .2 | .7 | .7 | | | | | | | | | | | | [illegible] | [illegible] | 132 | 12 |
| [illegible] | | | [illegible] | .1 | .1 | | [illegible] | | | | | | | | | | | 7 | 7 | 117 | [illegible] |
| [illegible] | | .1 | [illegible] | .2 | .2 | | | | | | | | | | | | | [illegible] | [illegible] | 124 | [illegible] |
| [illegible] | | | [illegible] | .1 | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | | .1 | | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | .1 | | | | .1 | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | | | | | [illegible] | | | | | | | | | | | | [illegible] | [illegible] | 7 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 5 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |

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

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

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

# PSYCHROMETRIC SUMMARY

...74... DAVIS-MONTHAN AFB, AZ ...76-80... ... MONTH

...5, F ... 1500-17... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... / 1... | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | ... |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| ... / ... | | | | | | | | | | | | | | | | | | | | | |
| ... / 7... | | | | | | | | | | | | | | | | | | | | | |
| ... | ...3.1 | ...7.7 | 2.6 | 5.7 | 5.8 | 5.6 | 8.2 | 12.4 | 13.5 | 10.7 | 11.2 | 6.4 | 6.7 | 4.2 | .4 | | | | | | |
| | | | | | | | | | | | | | | | | | | | 849 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 105922... | 25897 | 30.5 | 17.814 | 849 | | | | | | | |
| Dry Bulb | 3671213 | 55356 | 65.2 | 8.545 | 849 | | | 33.7 | 17.2 | 2.4 | | |
| Wet Bulb | 2008514 | 41122 | 48.4 | 4.443 | 849 | | .7 | | | | | .4 |
| Dew Point | 1298L3 | 25257 | 29.7 | 0.617 | 849 | | 52.7 | | | | | ... |

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

2

# PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS _____ MONTH

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 | | | | | | | | | | | | | | | •1 | | | 1 | | |
| / 7 | | | | | | | | | | | | | | •1 | | | | 1 | | |
| 7 / 77 | | | | | | | | | | | | | •1 | •4 | | | | 4 | | |
| / 7 | | | | | | | | | | | | •4 | •2 | •4 | | | | | | |
| / 7 | | | | | | | | | | | •1 | •1 | •5 | •1 | | | | 12 | 13 | |
| / 7 | | | | | | | | | | •1 | 1•3 | •1 | •4 | •1 | | | | 14 | 7 | |
| / 7 | | | | | | | | •1 | •5 | 1•3 | 1•4 | 1•1 | •7 | | | | | 32 | 4 | |
| 6 / 6 | | | | | | | •1 | •4 | 1•4 | 1•4 | 1•2 | 1•2 | •4 | | | | | 26 | | |
| / 6 | | | | | | | • | 1•5 | 2•6 | 1•9 | 1•4 | •6 | | | | | | 77 | 7 | |
| 5 / 6 | | | | | | •1 | 1• | 1•7 | 1•9 | 1•3 | 1•3 | •5 | | | | | | 72 | | |
| / 6 | | | | •4 | •6 | • | 1• | 2•4 | 1•2 | 1•2 | •7 | •1 | | | | | | 79 | 7 | |
| / 5 | | | •1 | •1 | •9 | 1•4 | 2• | 2•7 | 1•1 | 1•4 | •1 | | | | | | | 71 | 1 | |
| / 5 | | • | • | 1•2 | 1•7 | 1•9 | 1•8 | 1•9 | 2• | •2 | •2 | | | | | | | 77 | 77 | |
| 5 / 5 | | •1 | 1•2 | •5 | 1•5 | 1•2 | 1• | 1•2 | •7 | •4 | | | | | | | | 72 | 7 | |
| / 5 | | •3 | • | •7 | •9 | 1•4 | •3 | 1•7 | •2 | •1 | | | | | | | | 57 | | |
| / 1 | | | 1•2 | •2 | 1•1 | 1•5 | •7 | 1•1 | •4 | | | | | | | | | 52 | 12 | |
| / 4 | | •7 | • | •3 | 1•2 | •2 | •4 | •5 | •2 | | | | | | | | | 7 | 11 | |
| / 4 | | •4 | •7 | •6 | •6 | •4 | •1 | •2 | | | | | | | | | | 22 | 14 | |
| 4 | | •4 | •7 | •3 | •2 | •4 | •2 | | | | | | | | | | 1 | 1 | 11 | |
| 4 / 4 | | • | •7 | •2 | | | | | | | | | | | | | | 1 | 12 | |
| / 4 | | | •4 | •2 | | | | | | | | | | | | | | 5 | 7 | |
| / 3 | | •1 | •1 | | | | | | | | | | | | | | | 2 | 4 | |
| / 3 | | •1 | | | | •1 | | | | | | | | | | | | | 3 | |
| / 3 | | | | | •2 | | | | | | | | | | | | | | 1 | |
| / 3 | | | | | | | | | | | | | | | | | | | 1 | 5 |
| / 3 | | | | | | | | | | | | | | | | | | | 4 | 4 |
| / 2 | | | | | | | | | | | | | | | | | | | | 2 |
| / 2 | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | 44 |
| / 1 | | | | | | | | | | | | | | | | | | | | 4 |
| / 1 | | | | | | | | | | | | | | | | | | | | 1 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| 22745 | DAVIS-MONTHAN AFB AZ | 75-85 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 2 | 1800-2100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| / | | | | | | | | | | | | | | | | | | | | | 2 |
| | | | | | | | | | | | | | | | | | | | | | 3 |
| | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 [illegible] | 3. | 5. | 5.5 | 9.4 | 10.1 | 12.4 | 15.4 | 12.7 | 9.3 | 8.1 | 4.1 | 2.2 | 1.9 | .1 | | | | 848 | 345 | 848 | [illegible] |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1631564 | 33432 | 39.4 | 19.252 | 848 | | | | | | | |
| Dry Bulb | 3809388 | 50116 | 59.1 | 7.495 | 848 | | | 13.8 | 2.7 | .1 | | 84 |
| Wet Bulb | 1634751 | 39239 | 46.3 | 9.745 | 848 | | .2 | | | | | 84 |
| Dew Point | 925117 | 26703 | 31.5 | 9.974 | 848 | | 42.2 | | | | | 84 |

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722745 STATION | JAVIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 67 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| / 65 | | | | | | | | .2 | .5 | .1 | .3 | .4 | | | | | | 14 | 14 | | |
| / 63 | | | | | | .1 | | .6 | .9 | .6 | .4 | .2 | | | | | | 24 | 24 | | |
| / 61 | | | | | .2 | 1.2 | .4 | .4 | .8 | .8 | | | | | | | | 40 | 36 | | |
| / 59 | | | .3 | | 1.1 | .3 | 1.2 | .7 | .4 | .8 | | | | | | | | 44 | 44 | | |
| / 57 | | .2 | .4 | .5 | 1.2 | 1.4 | 2.0 | .7 | .8 | .5 | .1 | | | | | | | 74 | 74 | | |
| / 55 | | .2 | .5 | .7 | .9 | 3.2 | 2.2 | .8 | 1.4 | .4 | | | | | | | | 90 | 90 | 81 | 1 |
| / 53 | | .5 | 1.2 | 2.1 | 3.1 | 2.4 | 1.1 | 1.3 | .4 | .2 | | | | | | | | 109 | 109 | 12 | 4 |
| / 51 | | .3 | 1.3 | 2.5 | 3.5 | 3.1 | 1.3 | 1.4 | .6 | .1 | | | | | | | | 119 | 119 | 46 | 6 |
| / 49 | | .6 | 1.4 | 2.5 | 1.3 | 1.9 | 2.1 | .6 | | | | | | | | | | 94 | 94 | 55 | 11 |
| / 47 | | 1.4 | 2.4 | 1.9 | 1.2 | .9 | 1.4 | .4 | | | | | | | | | | 80 | 80 | 97 | 17 |
| / 45 | | 1.4 | 1.7 | 1.9 | 1.2 | .8 | .6 | .2 | | | | | | | | | | 65 | 65 | 146 | 40 |
| / 43 | | .9 | 1.1 | 1.3 | .9 | 1.4 | .2 | | | | | | | | | | | 70 | 70 | 123 | 52 |
| / 41 | | .7 | .4 | .7 | .2 | .4 | | | | | | | | | | | | 24 | 24 | 114 | 53 |
| / 39 | | .3 | .2 | .6 | .5 | | | | | | | | | | | | | 13 | 13 | 92 | 64 |
| / 37 | | .1 | .5 | .1 | .1 | | | | | | | | | | | | | 11 | 11 | 65 | 79 |
| / 35 | | .4 | .2 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 50 | 68 |
| / 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 31 | 74 |
| / 31 | | | .1 | | | | | | | | | | | | | | | 0 | 0 | 7 | 87 |
| / 29 | | | | | | | | | | | | | | | | | | | | 3 | 50 |
| / 27 | | | | | | | | | | | | | | | | | | | | 0 | 25 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 11 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 42 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 47 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

/2374C — STATION
...RVIS-MONTHAN AFB AZ — STATION NAME
76-85 — YEARS
FEB — MONTH
PART — 2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | 7.0 | 11.[illegible] | 14.7 | 15.7 | 17.9 | 13.9 | 7.3 | [illegible].8 | 3.5 | 1.1 | .6 | | | | | | 848 | [illegible] | 848 | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 2581574 | 43700 | 51.[illegible] | 19.726 | 848 | | | | | | | |
| Dry Bulb | 2377273 | 43910 | 51.[illegible] | 6.297 | 848 | | .[illegible] | .1 | | | | [illegible] |
| Wet Bulb | 1598001 | 36571 | 43.1 | 5.766 | 848 | | 1.3 | | | | | [illegible] |
| Dew Point | [illegible]74636 | 27540 | 32.[illegible] | 8.733 | 848 | | 37.7 | | | | | [illegible] |

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

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

2

# PSYCHROMETRIC SUMMARY

...745 | ...AVID-MONTHAN AFB AZ | 76-85 | FEB
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | ALL
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| ... / ... | | | | | | | | | | | | | | | | .1 | | 4 | - | | |
| ... / 82 | | | | | | | | | | | | | | .. | .2 | .0 | | 13 | 17 | | |
| ... / 79 | | | | | | | | | | | | | .0 | .2 | .4 | | | 9 | 9 | | |
| 7 / 77 | | | | | | | | | | | | .1 | .2 | .5 | .3 | | | 79 | 73 | | |
| ... / 75 | | | | | | | | | | | .0 | .3 | .5 | .6 | | | | 45 | 37 | | |
| 4 / 72 | | | | | | | | | | .0 | .2 | .5 | .4 | .4 | | | | 111 | 111 | | |
| ... / 71 | | | | | | | | | .1 | .3 | .7 | .6 | .6 | .3 | | | | 187 | 187 | | |
| ... / 69 | | | | | | | | .1 | .4 | .6 | 1.1 | .6 | .4 | | | | | 219 | 219 | | |
| ... / 67 | | | | | | | .1 | .3 | .7 | .8 | .6 | .6 | .1 | | | | | 216 | 219 | | |
| ... / 65 | | | | | | .3 | .4 | .5 | 1.0 | 1.0 | .6 | .5 | | | | | | 266 | 268 | | |
| 47 / 63 | | | | .0 | .2 | .3 | .. | .9 | 1.1 | 1.0 | .9 | .3 | | | | | | 335 | 335 | | |
| ... / 61 | | | .1 | .1 | .3 | .6 | .7 | .8 | .9 | .8 | .3 | .1 | | | | | | 312 | 312 | | |
| ... / 59 | | | .1 | .2 | .6 | .9 | 1.1 | 1.1 | .8 | .7 | .2 | | | | | | | 377 | 377 | | |
| ... / 57 | | .1 | .3 | .6 | .9 | .8 | 1.2 | 1.0 | .7 | .5 | .1 | | | | | | | 422 | 422 | 14 | |
| 3 / 55 | | .2 | .4 | .6 | 1.0 | 1.3 | 1.2 | .8 | .8 | .3 | .2 | | | | | | | 413 | 413 | 65 | 8 |
| ... / 53 | | .3 | .6 | 1.0 | 1.4 | 1.6 | 1.4 | .8 | .4 | .1 | | | | | | | | 521 | 521 | 333 | 16 |
| ... / 51 | | .3 | 1.0 | 1.3 | 1.9 | 1.4 | .9 | 1.0 | .2 | .0 | | | | | | | | 555 | 555 | 594 | 44 |
| ... / 49 | .. | .6 | 1.1 | 1.2 | 1.7 | 1.5 | 1.. | .7 | .1 | | | | | | | | | 534 | 539 | 627 | 85 |
| ... / 47 | | .6 | 1.6 | 1.5 | 1.2 | 1.0 | 1.. | .3 | | | | | | | | | | 487 | 487 | 727 | 117 |
| 4 / 45 | | 1.7 | 1.2 | 1.3 | 1.4 | .5 | .5 | .1 | | | | | | | | | | 425 | 425 | 826 | 230 |
| 47 / 43 | .. | .9 | 1.2 | 1.4 | .7 | .6 | .2 | | | | | | | | | | | 341 | 341 | 862 | 281 |
| ... / 41 | | .. | 1.4 | .9 | .4 | .5 | | | | | | | | | | | | 263 | 265 | 899 | 371 |
| ... / 3 | .. | .. | 1.0 | .3 | .6 | .2 | | | | | | | | | | | | 141 | 141 | 636 | 435 |
| ... / 37 | .. | .5 | .. | .2 | .7 | .1 | | | | | | | | | | | | 154 | 157 | 527 | 432 |
| ... / 35 | | .5 | .7 | .4 | .4 | .. | | | | | | | | | | | | 101 | 101 | 393 | 539 |
| 3 / 33 | | .4 | .1 | .3 | .2 | | | | | | | | | | | | | 66 | 66 | 196 | 585 |
| ... / 31 | | .2 | .. | .1 | .1 | | | | | | | | | | | | | 32 | 33 | 126 | 741 |
| ... / 29 | .. | .. | .0 | .1 | | | | | | | | | | | | | | 9 | 9 | 115 | 473 |
| ... / 27 | | | .1 | .. | | | | | | | | | | | | | | 2 | 2 | 36 | 4.5 |
| ... / 25 | | | | | | | | | | | | | | | | | | | | 24 | 324 |
| ... / 23 | | | | | | | | | | | | | | | | | | | | 11 | 165 |
| ... / 21 | | | | | | | | | | | | | | | | | | | | | 276 |
| ... / 19 | | | | | | | | | | | | | | | | | | | | | 361 |
| ... / 17 | | | | | | | | | | | | | | | | | | | | | 316 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...745 | AVIS-MONTHAN AFB AZ | 70-85 | FEB |

HOURS (L. S. T.): 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. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 213 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 127 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 74 |
| / | | | | | | | | | | | | | | | | | | | | | 47 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 27 |
| / | | | | | | | | | | | | | | | | | | | | | 22 |
| / | | | | | | | | | | | | | | | | | | | | | 11 |
| / | | | | | | | | | | | | | | | | | | | | | 0 |
| / -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TAL | .1 | 7.2 | 11.3 | 11.9 | 13.5 | 11.4 | 10.2 | 8.7 | 7.1 | 6.2 | 4.5 | 3.6 | 2.3 | 1.[illegible] | .9 | .1 | | | 67[illegible] | | 67[illegible] |
| | | | | | | | | | | | | | | | | | | 6739 | | 6799 | |

| 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. | 17567257 | 316207 | 46.6 | 21.817 | 6789 | | | | | | | |
| Dry Bulb | 20755367 | 368918 | 54.3 | 10.316 | 6793 | | 4.[illegible] | 92.4 | 33.[illegible] | 3.6 | | 67[illegible] |
| Wet Bulb | 13231[illegible]2 | 296786 | 43.7 | 6.162 | 6789 | | 30.7 | | | | | 672 |
| Dew Point | 7182437 | 211013 | 31.1 | 9.586 | 6789 | .1 | 356.6 | | | | | 67[illegible] |

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

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

# PSYCHROMETRIC SUMMARY

...STATION ... STATION NAME 76-85 YEARS ... MONTH

... 1 ... 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 | | | | | | | | | | | | | •2 | | | | | 2 | | | |
| / 67 | | | | | | •1 | | | | | •1 | | | | | | | 3 | | | |
| / 65 | | | | | | •1 | | •1 | | •4 | •2 | •1 | | | | | | 8 | 8 | | |
| / | | | | •1 | •2 | | •4 | •7 | •7 | •4 | •3 | | | | | | | | | | |
| / 61 | | | | •1 | | •3 | •4 | •3 | •3 | •2 | | | | | | | | 15 | 15 | | |
| / 59 | | •1 | •2 | •5 | •2 | 1•1 | •5 | •9 | 1•1 | •4 | •2 | | | | | | | 56 | 56 | | |
| / 57 | | •1 | •7 | 1•1 | •2 | 1•7 | 1•2 | •5 | •6 | 1•0 | | | | | | | | 52 | 52 | 3 | 1 |
| 5 / 55 | | •1 | •5 | •2 | 1•3 | 1•3 | 1•7 | 1•4 | 1•5 | •3 | | | | | | | | | | 11 | |
| / 53 | | | •7 | 2•3 | 2•3 | 2•6 | 2•7 | •9 | •8 | •1 | | | | | | | | 117 | 117 | 15 | 5 |
| / 51 | | •1 | •6 | 1•9 | 2•2 | 2•4 | 1•6 | 1•4 | •1 | •1 | | | | | | | | 140 | 140 | 31 | 6 |
| / 49 | 1•1 | 1• | 1•4 | 2•3 | 2•5 | 2•5 | 2•3 | 1•0 | •2 | | | | | | | | | 115 | 115 | 36 | 17 |
| / 47 | 1•6 | 2•7 | 2•6 | 2•3 | •2 | 1•7 | •6 | | | | | | | | | | | 149 | 105 | 58 | 14 |
| / 45 | 1•4 | 1•3 | 1•6 | 1•4 | 1•1 | 1•7 | •2 | | | | | | | | | | | 93 | 93 | 126 | 37 |
| 4/ 43 | 1•5 | 1•2 | 1•7 | 1•2 | •4 | •5 | •1 | | | | | | | | | | | 86 | 86 | 124 | 48 |
| / 41 | 1•3 | 1•2 | 1•1 | •1 | 1•7 | •6 | •1 | | | | | | | | | | | 85 | 85 | 169 | 71 |
| / 39 | •2 | •9 | •3 | •6 | 1•3 | •1 | | | | | | | | | | | | 34 | 34 | 123 | 67 |
| / 37 | | | •2 | •6 | •1 | | | | | | | | | | | | | 9 | 9 | 75 | 44 |
| / 35 | •2 | •1 | •1 | | | | | | | | | | | | | | | 4 | 4 | 64 | 38 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 23 | 14 |
| / 31 | | | | | | | | | | | | | | | | | | | | 28 | 16 |
| / 29 | | | | | | | | | | | | | | | | | | | | 15 | 9 |
| / 27 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 17 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | |
| / 13 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / 9 | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | | | | | | | | | | | | | | | | | | | |
| / 5 | | | | | | | | | | | | | | | | | | | | | |
| / 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

# PSYCHROMETRIC SUMMARY

72,745 — STATION
[illegible]-MONTHAN AFB AZ — STATION NAME
76-85 — YEARS
[illegible] — MONTH
[illegible] — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| [illegible] | [illegible] | .212 | .615 | .514 | [illegible] | .316 | [illegible] | 7.7 | 4.4 | 3.0 | 1.[illegible] | .1 | .2 | | | | | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2[illegible]4277 | 43074 | 51.7 | 20.222 | 930 | | | | | | | |
| Dry Bulb | 2426234 | 47171 | 50.7 | 6.204 | 930 | | | .4 | | | | [illegible] |
| Wet Bulb | 1689471 | 39331 | 42.3 | 5.301 | 930 | | 4.[illegible] | | | | | [illegible] |
| Dew Point | 1024212 | 29339 | 31.5 | 10.308 | 930 | | 46.3 | | | | | [illegible] |

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

2

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

# PSYCHROMETRIC SUMMARY

...2743 / STATION ... AVIS-MONTROAN AFB AZ / STATION NAME ... 76-85 / YEARS ... MAR / MONTH

PART I ... 0300-0900 / HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≤ / 6[illegible] | | | | | | | | | .1 | .2 | | | | | | | | [illegible] | [illegible] | | |
| 4[illegible] / [illegible] | | | | | .2 | | | | .1 | .5 | .1 | .2 | | | | | | 1[illegible] | 1[illegible] | | |
| / [illegible] | | | | .1 | .3 | .4 | .2 | | .1 | .3 | .1 | | | | | | | [illegible] | [illegible] | | |
| / [illegible] | | | | .3 | .5 | .3 | .1 | .3 | .5 | | | | | | | | | [illegible] | [illegible] | | |
| / 57 | | | .4 | .4 | .4 | .3 | .1 | .4 | .5 | .2 | | | | | | | | [illegible] | [illegible] | | |
| 5 / [illegible]5 | | .1 | .5 | .3 | .6 | .9 | 1.1 | 1.2 | 1.0 | .2 | | | | | | | | [illegible] | [illegible] | 5. | |
| / 5[illegible] | | .5 | 1.2 | .5 | 1.4 | 1.3 | .5 | .5 | 1.6 | .1 | | | | | | | | 77 | 77 | 4 | |
| [illegible] / [illegible] | | .1 | 1.2 | 1.5 | 1.2 | 2.4 | 2.1 | .5 | .8 | | | | | | | | | [illegible]7 | 97 | 34 | [illegible] |
| / 4[illegible] | | .1 | 2.[illegible] | 2.2 | 2.5 | 2.7 | 1.[illegible] | 1.2 | .1 | | | | | | | | | 111 | 111 | 14 | [illegible] |
| / 47 | | 1.[illegible] | 1.[illegible] | 2.[illegible] | 3.1 | 1.[illegible] | 1.[illegible] | .3 | .1 | | | | | | | | | 127 | 1[illegible]7 | 51 | 17 |
| [illegible] / 4[illegible] | | 2.7 | 3.4 | 1.[illegible] | 2.7 | 1.[illegible] | 1.[illegible] | | | | | | | | | | | 11[illegible] | 115 | 09 | [illegible] |
| [illegible] / 4[illegible] | | 1.[illegible] | 2.2 | 2.[illegible] | 1.7 | 1.5 | .[illegible] | .1 | | | | | | | | | | [illegible]6 | [illegible]5 | 143 | 4[illegible] |
| [illegible] / 41 | | 1.7 | 2.[illegible] | 1.1 | .[illegible] | 1.1 | .[illegible] | | | | | | | | | | | 73 | 7[illegible] | 1[illegible]6 | 71 |
| 4 / [illegible]5 | .5 | .[illegible] | 1.1 | .8 | 1.[illegible] | .[illegible] | .1 | | | | | | | | | | | [illegible]2 | [illegible]4 | 14[illegible] | 57 |
| 3 / 37 | .1 | .[illegible] | .[illegible] | .3 | .6 | .[illegible] | | | | | | | | | | | | [illegible]1 | 51 | 17[illegible] | [illegible]5 |
| [illegible] / 3[illegible] | | | | .4 | .4 | | | | | | | | | | | | | [illegible] | [illegible] | 23. | 1[illegible] |
| 3 / [illegible]3 | | | .[illegible] | | | | | | | | | | | | | | | [illegible]4 | [illegible]4 | 4[illegible] | .[illegible] |
| / 31 | | | .1 | | | | | | | | | | | | | | | 1[illegible] | 1[illegible] | 2[illegible] | 7[illegible] |
| / [illegible]2 | | | | | | | | | | | | | | | | | | | | [illegible]0 | 5[illegible] |
| [illegible] / 2[illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible]5 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 2[illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| 2 / 21 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 5[illegible] |
| / 17 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 / 1[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOTAL | .6 | [illegible].4 | 1[illegible]. | 15.5 | 18.5 | 16.0 | 10.[illegible] | 4.7 | 4.5 | 1.6 | .2 | .2 | | | | | | 9[illegible] | | 9[illegible] | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 31[illegible]1734 | 51000 | 54.[illegible] | 20.358 | 930 | | | | | | | |
| Dry Bulb | 22[illegible]46[illegible]3 | 44932 | 48.3 | 6.037 | 930 | | .1 | | | | | [illegible] |
| Wet Bulb | 157[illegible]230 | 3798[illegible] | 4[illegible]. | 5.409 | 930 | | 5.5 | | | | | [illegible] |
| Dew Point | [illegible]89413 | 24796 | 31.[illegible] | 8.268 | 930 | | 47.6 | | | | | [illegible] |

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

USAFETAC

USAF CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 76-85 YEARS | [illegible] MONTH

PART I | [illegible] 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] | | | | | | | .1 | | | .1 | | | | | | | | 1 | 1 | | |
| [illegible] | | | | | | .1 | .1 | .1 | | .1 | | .1 | | | | | | | | | |
| [illegible] | | | | .1 | | | .2 | | .1 | .2 | | | | | | | | | | | |
| [illegible] | | | | .2 | .2 | .3 | | .3 | .3 | .1 | .3 | | | | | | | 1 | 1 | | |
| [illegible] | | | | .2 | .4 | | .5 | .5 | .3 | .9 | | | | | | | | 21 | 21 | | |
| [illegible] | | | .2 | .5 | .4 | .4 | .6 | .6 | 1.0 | .3 | | | | | | | | 43 | 43 | | |
| [illegible] | | .2 | .3 | .6 | .6 | 1.1 | 1.4 | .9 | .6 | .1 | | | | | | | | 67 | 67 | 5 | |
| [illegible] | | .1 | .6 | .9 | 1.0 | 2.4 | 2.1 | 1.2 | .4 | | | | | | | | | 85 | 85 | 17 | |
| [illegible] | | .3 | 1.2 | 1.5 | 2.3 | 2.2 | 1.4 | 1.4 | .4 | | | | | | | | | 94 | 94 | 25 | 1 |
| [illegible] | | .3 | 1.3 | 1.2 | 2.5 | 2.5 | 1.5 | 1.1 | .3 | | | | | | | | | 104 | 104 | 32 | |
| [illegible] | | 1.3 | 3.5 | 1.6 | 2.9 | 1.7 | 1.3 | .9 | | | | | | | | | | 113 | 113 | 56 | 4 |
| [illegible] | | 2.3 | 1.4 | 2.5 | 2.3 | 1.6 | .8 | .3 | | | | | | | | | | 103 | 103 | 101 | 8 |
| [illegible] | .2 | 2.2 | 1.5 | 1.6 | 2.7 | 1.9 | .1 | | | | | | | | | | | 97 | 97 | 111 | 4 |
| [illegible] | .2 | .5 | 2.4 | 1.1 | .5 | .3 | .4 | | | | | | | | | | | 94 | 94 | 111 | 3 |
| [illegible] | .2 | .3 | 1.5 | .5 | .9 | .5 | | | | | | | | | | | | 45 | 45 | 108 | 3 |
| [illegible] | .1 | .3 | 1.3 | .3 | .5 | .7 | | | | | | | | | | | | 25 | 25 | 102 | 6 |
| [illegible] | | .3 | | .2 | .4 | .4 | | | | | | | | | | | | 14 | 14 | 95 | 7 |
| [illegible] | | | .2 | .3 | | .1 | | | | | | | | | | | | 6 | 6 | 46 | 7 |
| [illegible] | | | .1 | | .1 | | | | | | | | | | | | | 2 | 2 | 24 | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 17 | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 10 | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| 1 [illegible] | | | | | | | | | | | | | | | | | | | | | 12 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 11 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...L CLIMATOLOGY BRANCH
...ETAC
...EAT SR SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...47 STATION | ...-MCCHORD AFB WA STATION NAME | 76-85 YEARS | JAN MONTH

...P | 0300-1800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL O.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | Dry Bulb | Wet Bulb | Dew Point |
| | . | .7 | 1.7 | 4.4 | 8.1 | 15.4 | 11.2 | 7.9 | 3.5 | 1.6 | .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. | 3097785 | 51339 | 54.1 | 20.039 | 930 | | | | | | | |
| Dry Bulb | 2243771 | 45361 | 48.7 | 6.322 | 930 | | .2 | .1 | | | | .3 |
| Wet Bulb | 1955333 | 38161 | 41.1 | 5.472 | 930 | | 5.5 | | | | | 5.5 |
| Dew Point | 1888439 | 29852 | 31.0 | 10.024 | 930 | | 43.4 | | | | | 43.4 |

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

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...ETAC
AF ...ATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72...  DAVIS-MONTHAN AFB AZ  56-59  MAR
STATION  STATION NAME  YEARS  MONTH

PAGE 1  0900-11...
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 91 | | | | | | | | | | | .1 | | | | .1 | | | 1 | 1 | | |
| / 7 | | | | | | | | | | | | | | | | | | 2 | 2 | | |
| 7 / 77 | | | | | | | | | | | .1 | .4 | | .1 | .1 | | | 6 | 6 | | |
| / 7 | | | | | | | | | .1 | .2 | .2 | .2 | .4 | .1 | | | | 12 | 12 | | |
| / 7 | | | | | | | | | .3 | .5 | .1 | .4 | .3 | .2 | | | | 21 | 21 | | |
| / 7 | | | | | | | .1 | .1 | .2 | .5 | 1.1 | .3 | .5 | .1 | | | | 31 | 31 | | |
| / 69 | | | | | | | | .3 | .3 | .8 | 2.0 | .5 | .4 | | | | | 49 | 49 | | |
| / 67 | | | | | | .2 | | .9 | 1.0 | 1.5 | 1.3 | 1.1 | .2 | | | | | 57 | 57 | | |
| 5 / 65 | | | | | .2 | .2 | .5 | 1.0 | 1.2 | 2.3 | 1.4 | .8 | | | | | | 71 | 71 | | |
| / 61 | | | | | .1 | .2 | 1.1 | 1.6 | 2.6 | 1.3 | 1.5 | .2 | | | | | | 85 | 85 | | |
| / 59 | | | | | .5 | .2 | 2.4 | 2.9 | 1.1 | 1.7 | .2 | | | | | | | 94 | 94 | 4 | |
| / 56 | | | | .3 | 1.2 | 1.0 | 1.2 | 1.9 | 1.3 | 1.4 | .1 | | | | | | | 94 | 94 | 4 | |
| / 57 | | | .2 | 1.2 | 1.6 | 2.2 | 2.7 | 1.6 | .9 | .6 | | | | | | | | 96 | 96 | 15 | |
| 5 / 56 | | .1 | .2 | .5 | 2.1 | 2.2 | 2.7 | .8 | 1.2 | .6 | | | | | | | | 99 | 99 | 23 | |
| / 53 | | | .2 | 1.1 | 1.6 | 1.6 | 1.1 | 1.2 | .5 | | | | | | | | | 99 | 99 | 56 | 1 |
| / 51 | | .1 | .2 | 1.3 | .8 | 1.5 | .1 | .3 | .1 | | | | | | | | | 96 | 96 | 131 | 7 |
| / 4 | | | 1.2 | .5 | .5 | .9 | 1.2 | .4 | | | | | | | | | | 92 | 92 | 174 | 17 |
| / 47 | | .3 | 1.1 | .9 | .2 | .5 | | .3 | | | | | | | | | | 80 | 80 | 174 | 34 |
| / 45 | | .3 | .3 | .2 | .2 | .1 | .2 | .2 | | | | | | | | | | 34 | 34 | 155 | 31 |
| / 42 | | | .2 | .2 | | .1 | .4 | | | | | | | | | | | 13 | 13 | 100 | 44 |
| / 41 | | .1 | | | | .1 | | | | | | | | | | | | 2 | 2 | 62 | 21 |
| / 3 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 41 | 26 |
| / 37 | | | .2 | | | | | | | | | | | | | | | 3 | 3 | 24 | 15 |
| / 35 | | | | | | | | | | | | | | | | | | | | 10 | 7 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 7 | 2 |
| / 31 | | | | | | | | | | | | | | | | | | | | 4 | 1.4 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 41 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

723745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 YEARS | JUL MONTH

PART C | 0700-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | 1.5 | .2 | 6.1 | 9.6 | 12.2 | 14.0 | 13.7 | 12.2 | 11.5 | 9.7 | 4.6 | 2.3 | .7 | .4 | | | | | 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. | 1629622 | 36150 | 38.7 | 7.498 | 930 | | | | | | | |
| Dry Bulb | 3342731 | 55643 | 59.8 | 7.592 | 930 | | | 19.7 | 4.6 | .7 | | |
| Wet Bulb | 2657721 | 43537 | 46.8 | 4.823 | 930 | | .4 | | | | | |
| Dew Point | 1043413 | 29921 | 32.2 | 9.439 | 930 | | 44.9 | | | | | |

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

2

...L CLIMATOLOGY BRANCH
...ER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...24 | ...ANDREWS AFB MD | 70-85 | ... |

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | .1 | | .1 | .5 | .2 | | | | | | | | | | | | | | | |
| ... | 1 | | | | | | | | | | | | .3 | .4 | .3 | .3 | | | | | | | | | | | | | | | |
| ... | 7 | | | | | | | | | .1 | | .3 | .5 | .3 | .3 | .1 | | | | | | | | | | | | | | | |
| ... | 77 | | | | | | | | | .1 | .1 | .2 | 1.1 | 1.4 | .5 | | | | | | | | | | | | | | | | |
| ... | 7 | | | | | | | | | .3 | 1.3 | 1.2 | 1.5 | 2.2 | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | .4 | .3 | .2 | .2 | 2.4 | 2.4 | 1.2 | | | | | | | | | | | | | | | | | |
| ... | 77 | | | | | | | .1 | .4 | .6 | 2.3 | 3.2 | 2.5 | .1 | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | .5 | .5 | 1.4 | 2.4 | 3.2 | 1.4 | | | | | | | | | | | | | | | | | | |
| ... | 67 | | | | | | .1 | 1.2 | 1.5 | 2.0 | 1.4 | 2.0 | .4 | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | .5 | 1.2 | 2.3 | 1.5 | .8 | | | | | | | | | | | | | | | | | | | |
| ... | 41 | | | | .1 | .4 | .5 | 1.3 | 2.8 | .9 | 1.1 | .4 | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | .3 | .4 | 1.2 | 1.0 | 1.7 | .6 | .5 | | | | | | | | | | | | | | | | | | | | |
| ... | 57 | | | | .1 | .4 | .4 | 1.2 | 1.1 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .1 | .4 | .5 | .4 | 1.1 | .5 | .4 | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .1 | .2 | .4 | .6 | .2 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .2 | .3 | .5 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .2 | .2 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | 47 | | .1 | .1 | .1 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | 4 | | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | .1 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | ... | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1042 5[illegible] | 27368 | 29.4 | 15.942 | 930 | | | | | | | |
| Dry Bulb | 4147 45 | 61631 | 66.2 | 9.223 | 930 | | | 48.4 | 2.7 | 3.5 | | 9[illegible] |
| Wet Bulb | 22566 1[illegible] | 45[illegible] | 49.1 | 4.367 | 93[illegible] | | | | | | | [illegible] |
| Dew Point | [illegible] | [illegible]244 | 30.4 | 9.135 | 93[illegible] | | 56.[illegible] | | | | | [illegible] |

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

L . AL CLIMATOLOGY RA. CH
. ELTAC
. . . ATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

723745 | AVIS-MONTHAN AFB AZ | 76-85 | A[illegible]
STATION | STATION NAME | YEARS | MONTH

PART 1 | 1500-17[illegible]
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / [illegible] | | | | | | | | | | | | | .1 | .1 | .2 | | | 4 | 4 | | |
| / [illegible] | | | | | | | | | | | | | .1 | .1 | .1 | .2 | | 6 | | | |
| / [illegible] | | | | | | | | | | | .1 | .1 | .5 | .6 | .6 | 1.0 | | [illegible] | [illegible] | | |
| / 7 | | | | | | | | | | | .3 | .4 | 1.1 | 2.2 | 1.3 | | | 49 | 49 | | |
| 7 / 77 | | | | | | | | | | .6 | .4 | .9 | 1.8 | 2.4 | .5 | | | 62 | 62 | | |
| / 7[illegible] | | | | | | | | | .1 | .2 | .6 | .9 | 2.7 | 2.7 | .1 | | | 61 | 61 | | |
| / 7[illegible] | | | | | | | | .1 | .1 | .8 | .4 | 4.0 | 2.9 | 2.[illegible] | | | | 86 | [illegible] | | |
| / 71 | | | | | | | | | .4 | .4 | 2.3 | 1.9 | 3.9 | | | | | 33 | [illegible] | | |
| / [illegible] | | | | | .1 | | .4 | 1.1 | 1.0 | 1.7 | 2.8 | 2.5 | 1.6 | | | | | 1[illegible] | 1[illegible] | | |
| / 67 | | | | | | | .[illegible] | .2 | .6 | 2.0 | 2.3 | .9 | .5 | | | | | 63 | 6[illegible] | | |
| [illegible] / 6[illegible] | | | | | | .1 | .[illegible] | .1 | 1.7 | 2.2 | 1.1 | .2 | | | | | | [illegible] | [illegible] | | |
| [illegible] / [illegible] | | | | | .1 | | .[illegible] | 1.3 | 2.0 | 1.2 | 1.4 | .2 | | | | | | 53 | [illegible] | | |
| / [illegible] | | | | | .4 | 1.[illegible] | 1.2 | .1 | .6 | .5 | 1.[illegible] | | | | | | | 45 | 45 | 4 | |
| / [illegible] | | .1 | .1 | | .2 | .4 | .4 | 1.2 | 1.3 | .9 | .3 | | | | | | | 45 | 4[illegible] | 15 | |
| / 57 | | | .[illegible] | .2 | .6 | .6 | 1.[illegible] | .9 | 1.1 | .8 | | | | | | | | [illegible] | [illegible] | 39 | 1 |
| [illegible] / [illegible] | | | .[illegible] | .[illegible] | .4 | 1.2 | .1 | .2 | .4 | .9 | | | | | | | | [illegible] | 3[illegible] | 63 | 1 |
| / 5[illegible] | | .1 | .[illegible] | .3 | .2 | .6 | .1 | .2 | | .4 | | | | | | | | [illegible] | 24 | 55 | 1 |
| / [illegible] | | | .[illegible] | .1 | .1 | .2 | | .1 | | | | | | | | | | [illegible] | [illegible] | 194 | 1 |
| / 4[illegible] | | .1 | .4 | | .2 | .1 | .2 | | | | | | | | | | | 1[illegible] | 1[illegible] | 1[illegible] | 11 |
| / 47 | | .1 | .4 | .4 | .2 | | | | | | | | | | | | | 11 | 11 | 133 | 1[illegible] |
| [illegible] / 4[illegible] | | .[illegible] | .1 | | | | | | | | | | | | | | | [illegible] | [illegible] | 62 | [illegible] |
| 4 / 43 | | | | | | | | | | | | | | | | | | | | 56 | 56 |
| / 41 | .2 | .1 | | | | | | | | | | | | | | | | 5 | [illegible] | 46 | 45 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 16 | 31 |
| [illegible] / [illegible] | | .1 | | | | | | | | | | | | | | | | 1 | 1 | [illegible] | [illegible] |
| / 35 | | | | | | | | | | | | | | | | | | | | [illegible] | 51 |
| 3 / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 31 | | | | | | | | | | | | | | | | | | | | | 111 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | 73 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 25 | | | | | | | | | | | | | | | | | | | | | |
| [illegible] / 2[illegible] | | | | | | | | | | | | | | | | | | | | | 37 |
| [illegible] / 21 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 76 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

723745 DAVIS-MONTHAN AFB, AZ 76-85 [illegible]
STATION STATION NAME YEARS MONTH

1500-17
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | [illegible] | [illegible] | 1.7 | 2.7 | 4.3 | 5.6 | 5.5 | 7.5 | 12.6 | 13.1 | 11.9 | 15.3 | 12.1 | 2.9 | 1.7 | | | | | | | | | |

| 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. | 955603 | 24562 | 27.5 | 16.502 | 930 | | | | | | | |
| Dry Bulb | 4349236 | 63166 | 67.9 | 8.483 | 930 | | | 56.4 | 31.3 | 5.7 | | 93 |
| Wet Bulb | 2302702 | 46038 | 49.6 | 4.465 | 930 | | | | | | | 93 |
| Dew Point | 1801728 | 27646 | 29.7 | 9.411 | 930 | | 59.6 | | | | | 93 |

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

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

# PSYCHROMETRIC SUMMARY

...745 | DAVIS-MONTHAN AFB AZ | 76-85 | MAY
STATION | STATION NAME | YEARS | MONTH

PART 1 | 1800-2... | 2
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| ... .1 | | | | | | | | | | | | | .1 | .1 | | | | 2 | | | |
| ... 7 | | | | | | | | | | | | .2 | | | .4 | | | 7 | 7 | | |
| 7 / 17 | | | | | | | | | | | .1 | .3 | .1 | .1 | .3 | | | 9 | 9 | | |
| ... 7 | | | | | | | | | | .1 | .5 | .2 | .8 | 1.0 | .1 | | | 25 | 25 | | |
| .4 / 7 | | | | | | | | | .2 | .2 | .9 | 1.1 | 1.5 | .5 | | | | 44 | 44 | | |
| 7 / 7 | | | | | | | | .2 | .3 | .6 | 1.0 | 2.2 | 1.6 | .4 | | | | 6[illegible] | 6[illegible] | | |
| ... / 69 | | | | | | | .1 | .4 | .9 | 1.0 | 2.7 | 1.3 | 1.6 | | | | | 79 | 79 | | |
| ... / 6 | | | | | | .2 | .4 | .9 | 1.0 | 1.9 | 3.3 | 2.2 | .5 | | | | | 7[illegible] | 9[illegible] | | |
| ... 9 | | | | .1 | .2 | .1 | .3 | 1.0 | 1.5 | 3.5 | 1.6 | 1.7 | | | | | | 97 | 97 | | |
| ... 2 | | | | | | .3 | 1.0 | 1.2 | 2.2 | 1.7 | 1.4 | .6 | | | | | | 91 | 91 | | |
| ... / 81 | | | | .1 | .2 | .3 | 1.3 | 1.7 | 2.4 | 1.8 | 1.3 | .1 | | | | | | 9[illegible] | 9[illegible] | | |
| ... / 6[illegible] | | | .1 | .2 | .6 | .9 | .9 | 2.5 | 1.4 | .6 | .2 | | | | | | | 6[illegible] | 69 | 6 | |
| ... / 57 | | .1 | .1 | .5 | .6 | 1.3 | 1.1 | 1.5 | 1.0 | .5 | .2 | | | | | | | 67 | 67 | 17 | |
| ... / 5[illegible] | | .1 | | .2 | .3 | 1.6 | 1.3 | .6 | .9 | .6 | | | | | | | | 61 | 61 | 2[illegible] | 1 |
| ... / 5 | | .1 | .1 | .4 | .6 | .3 | 1.2 | .9 | .6 | .1 | | | | | | | | 44 | 44 | 71 | 4 |
| ... / 31 | | .1 | 1.1 | 1.1 | .9 | .1 | .3 | .6 | .4 | .1 | | | | | | | | 42 | 42 | 151 | 7 |
| ... / 4 | | .3 | .2 | .1 | .3 | .1 | .4 | | .3 | | | | | | | | | 17 | 17 | 175 | 9 |
| ... / 97 | | .2 | .1 | .2 | .3 | .1 | .1 | .1 | | | | | | | | | | 16 | 16 | 154 | 2[illegible] |
| ... / 4[illegible] | | .1 | 1.1 | .1 | | | | | | | | | | | | | | 11 | 11 | 13[illegible] | [illegible] |
| 47 / 43 | | .[illegible] | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 5[illegible] | 3[illegible] |
| ... / 41 | .[illegible] | | | | | | | | | | | | | | | | | 3 | 3 | 56 | 43 |
| ... / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible]7 | 5[illegible] |
| ... / 57 | | | | | | | | | | | | | | | | | | | | 23 | 6[illegible] |
| ... / 35 | | | | | | | | | | | | | | | | | | | | 6 | 4[illegible] |
| ... / 3[illegible] | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3[illegible] |
| ... / 31 | | | | | | | | | | | | | | | | | | | | 5 | [illegible]1 |
| ... / [illegible] | | | | | | | | | | | | | | | | | | | | | 2[illegible] |
| ... / 27 | | | | | | | | | | | | | | | | | | | | | 76 |
| ... / 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| ... / 23 | | | | | | | | | | | | | | | | | | | | | 2[illegible] |
| ... / 21 | | | | | | | | | | | | | | | | | | | | | 31 |
| ... / 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| ... / 17 | | | | | | | | | | | | | | | | | | | | | 41 |

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

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

2

...ERAL CLIMATOLOGY ...EARCH
...AFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72...45 | ...AVIS-MONTHAN AFB AZ | 76-85 | ...15
STATION | STATION NAME | YEARS | MONTH

PART ... | 1...0-...
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 | | | | | |
| ... / ... | | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 13 | | | | | | | | | | | | | | | | | | | | | | ... |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | ... |
| ... / ... | | | | | | | | | | | | | | | | | | | | | | ... |
| ... / ... | | | | | | | | | | | | | | | | | | | | | | ... |
| ... / ... | | | | | | | | | | | | | | | | | | | | | | ... |
| ... L | .7 | 1.7 | 2.9 | 3.4 | 4.6 | 6.2 | 8.7 | 11.6 | 13.3 | 12.9 | 13.2 | 9.9 | 6.2 | 2.4 | 1.0 | .1 | | 930 | ... | 936 | ... |

| 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. | 134...3... | 3...844 | 33...3 | 19...653 | 930 | | | | | | | |
| Dry Bulb | 372992... | 5...449 | 62...8 | 7...798 | 930 | | | 12...5 | 3...6 | ...7 | | ... |
| Wet Bulb | 211...8...9 | 44197 | 47...5 | 4...581 | 930 | | ...2 | | | | | ... |
| Dew Point | ...3594 | 27...0 | 30...0 | 10...256 | 930 | | 55...2 | | | | | ... |

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

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | 76-85 YEARS | MONTH

PAGE 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 21 | | | | | | | | | | .1 | | | .1 | | | | | | | | |
| / 6 | | | | | | | .1 | .1 | .4 | .1 | .3 | .1 | .3 | | | | | 14 | 14 | | |
| 5 | | | | | | | .1 | .1 | .3 | .2 | .7 | .2 | .2 | | | | | 14 | 14 | | |
| / | | | | | .1 | | .1 | | .6 | .6 | 1.9 | .3 | .6 | | | | | 47 | 47 | | |
| / | | | | | | | | | .5 | 2.2 | 1.2 | .5 | .7 | | | | | 53 | 53 | | |
| / | | | | | .3 | .4 | .3 | 1.3 | 1.5 | .8 | 1.3 | .2 | | | | | | 78 | 78 | | |
| / | | | | | .2 | .5 | .5 | 1.6 | 2.5 | 1.4 | 2.5 | .5 | | | | | | 94 | 94 | | |
| / 7 | | .1 | .3 | .3 | 1.2 | 2.7 | 1.5 | 1.4 | 1.9 | 1.3 | | | | | | | | 117 | 117 | | |
| / | | | .3 | 1.2 | 1.5 | 2.7 | 2.6 | 1.6 | .4 | .4 | | | | | | | | 114 | 114 | 11 | |
| / | | .3 | 1. | .4 | 1.5 | 2.8 | 3. | 1.8 | 1.2 | .2 | | | | | | | | 103 | 103 | 73 | |
| / 1 | | .3 | 1.7 | 1.3 | .5 | 2.3 | 1. | 1.4 | .3 | .1 | | | | | | | | 79 | 79 | 50 | |
| / | | .4 | 1.6 | 1.2 | 1.4 | 1.2 | 1.2 | 1. | .2 | | | | | | | | | 76 | 76 | 74 | 11 |
| / 47 | | .6 | 1.2 | 1.4 | 1.4 | .4 | .6 | .3 | .1 | | | | | | | | | 57 | 57 | 149 | |
| / 4 | | .4 | 1.2 | .6 | .9 | .6 | .4 | .4 | | | | | | | | | | 43 | 43 | 140 | |
| / 47 | | .4 | .3 | .4 | .3 | .1 | .4 | .3 | | | | | | | | | | 21 | 21 | 149 | |
| / 13 | .2 | .6 | .4 | .1 | .1 | .3 | | | | | | | | | | | | 17 | 17 | 145 | |
| / | | .1 | | | | .1 | | | | | | | | | | | | 2 | 2 | 76 | |
| / | | | | | | | | | | | | | | | | | | | | 50 | 75 |
| / 2 | | | | | | | | | | | | | | | | | | | | 27 | |
| / 23 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 13 | |
| / 31 | | | | | | | | | | | | | | | | | | | | 11 | |
| / | | | | | | | | | | | | | | | | | | | | 1 | 74 |
| / | | | | | | | | | | | | | | | | | | | | | 7 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 27 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 21 |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| / 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 34 |
| / 13 | | | | | | | | | | | | | | | | | | | | | |
| / 11 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| / | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...AL CLIMATOLOGY BRANCH
...TAC
...EAT FI SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

... 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 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 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. | 2420[illegible] | 403[illegible]7 | 43.4 | 19.977 | 930 | | | | | | | |
| Dry Bulb | 29 73[illegible]6 | 51648 | 55.5 | 6.48[illegible] | 930 | | | 3.2 | | | | [illegible]3 |
| Wet Bulb | 1.625[illegible]9 | 41369 | 44.5 | 4.899 | 930 | | 1.2 | | | | | [illegible]7 |
| Dew Point | 974[illegible]4 | [illegible]8.0 | 31.6 | 10.596 | 930 | | 49.4 | | | | | [illegible]3 |

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

2

[illegible] AL CLIMATOLOGY [illegible]ANCH
[illegible]ETAC
[illegible] [illegible]EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| [illegible]245 | [illegible]VIS-MONTHAN AFB AZ | 76-85 | [illegible] |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL
HOURS (L. S. T.)

| Temp. (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] | | | | | | | | | | | | | .[illegible] | .[illegible] | .[illegible] | | | [illegible] | [illegible] | | |
| / [illegible] | | | | | | | | | | | | .[illegible] | .[illegible] | .[illegible] | .1 | .1 | | 17 | 17 | | |
| / [illegible]1 | | | | | | | | | | | .[illegible] | .0 | .1 | .1 | .1 | .2 | | 44 | 44 | | |
| [illegible] 7[illegible] | | | | | | | | | | .0 | .[illegible] | .1 | .2 | .4 | .3 | .0 | | 4[illegible] | [illegible]4 | | |
| 7 / 77 | | | | | | | | | | .1 | .2 | .3 | .4 | .5 | .2 | | | 1[illegible] | 1[illegible] | | |
| / 7 | | | | | | | | | .0 | .1 | .7 | .3 | .7 | .7 | .0 | | | 1[illegible] | 1[illegible] | | |
| [illegible] / 7[illegible] | | | | | | | | .1 | .1 | .2 | .3 | 1.0 | .9 | .[illegible] | | | | 2[illegible]2 | 232 | | |
| / 7[illegible] | | | | | | | .[illegible] | .1 | .2 | .3 | .8 | 1.0 | 1.1 | .1 | | | | 2[illegible]2 | 2[illegible] | | |
| [illegible] / [illegible] | | | | | .0 | | .1 | .3 | .5 | .6 | 1.4 | .9 | .7 | | | | | 334 | 334 | | |
| / 57 | | | | | | .1 | .1 | .4 | .6 | 1.0 | 1.2 | .9 | .2 | | | | | 3[illegible]1 | [illegible]1 | | |
| [illegible] / [illegible] | | | | .[illegible] | .1 | .1 | .4 | .4 | .8 | 1.6 | .[illegible] | .5 | | | | | | 3[illegible] | 3[illegible] | | |
| [illegible] / [illegible] | | | | .1 | .1 | .2 | .5 | .8 | 1.5 | .9 | .6 | .3 | | | | | | 346 | [illegible] | | |
| / [illegible] | | | | .1 | .3 | .5 | 1.1 | 1.0 | 1.1 | .8 | .7 | .0 | | | | | | 419 | 419 | 9 | |
| / [illegible] | | .[illegible] | .1 | .5 | .5 | .7 | .9 | 1.5 | 1.0 | .9 | .2 | | | | | | | 4[illegible]5 | 4[illegible] | 31 | |
| / 57 | | .[illegible] | .[illegible] | .[illegible] | .6 | 1.4 | 1.[illegible] | 1.1 | 1.0 | .5 | .[illegible] | | | | | | | 541 | 541 | 1[illegible]3 | [illegible] |
| [illegible] / [illegible] | | .1 | .[illegible] | .7 | 1.[illegible] | 1.4 | 1.4 | 1.0 | .8 | .5 | | | | | | | | 546 | 546 | 2[illegible]2 | [illegible] |
| / [illegible] | | .1 | .7 | .9 | 1.3 | 1.5 | 1.4 | .7 | .6 | .1 | | | | | | | | [illegible] | [illegible] | 4[illegible]4 | [illegible]4 |
| / 51 | | .1 | .[illegible] | 1.[illegible] | 1.2 | 1.4 | .[illegible] | .8 | .3 | .0 | | | | | | | | 4[illegible]3 | 4[illegible]3 | 6[illegible]2 | 49 |
| / [illegible] | | .3 | 1.7 | .9 | 1.3 | 1.7 | 1.0 | .6 | .1 | | | | | | | | | 4[illegible]6 | 4[illegible] | 811 | 1[illegible]1 |
| / 47 | | .[illegible] | 1.4 | 1.2 | 1.3 | .5 | .7 | .3 | .0 | | | | | | | | | 47[illegible] | 47 | 1[illegible]4 | 1[illegible]7 |
| / 4[illegible] | | 1.[illegible] | .9 | .9 | .9 | .[illegible] | .[illegible] | .1 | | | | | | | | | | 37[illegible] | 37[illegible] | 956 | 2[illegible]3 |
| [illegible] / 4[illegible] | .[illegible] | .7 | .9 | .9 | .7 | .5 | .3 | .1 | | | | | | | | | | 2[illegible]9 | 2[illegible] | 898 | [illegible] |
| / 41 | .1 | .5 | .9 | .4 | .2 | .4 | .2 | .0 | | | | | | | | | | [illegible]3 | 2[illegible]3 | 756 | 44[illegible] |
| / [illegible] | .1 | .2 | .4 | .3 | .3 | .3 | .[illegible] | | | | | | | | | | | 1[illegible]1 | 1[illegible]1 | 575 | 434 |
| / [illegible] | .[illegible] | .1 | .2 | .1 | .3 | .2 | | | | | | | | | | | | 7[illegible] | [illegible] | 39[illegible] | 5[illegible]7 |
| / 35 | | .1 | .[illegible] | .1 | .1 | .1 | | | | | | | | | | | | [illegible]6 | [illegible] | 302 | 5[illegible]7 |
| [illegible] / 33 | | .1 | .1 | .[illegible] | | .0 | | | | | | | | | | | | 16 | 1[illegible] | 132 | 5[illegible] |
| / 31 | | | .[illegible] | | .0 | | | | | | | | | | | | | 3 | 3 | [illegible]9 | 7[illegible]5 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible]1 | [illegible] |
| / [illegible]7 | | | | | | | | | | | | | | | | | | | | 21 | [illegible]3[illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 3 | 3[illegible] |
| [illegible] / 2 | | | | | | | | | | | | | | | | | | | | 1 | [illegible] |
| / [illegible]1 | | | | | | | | | | | | | | | | | | | | | [illegible]14 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 4[illegible]4 |

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

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

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

2

# PSYCHROMETRIC SUMMARY

... STATION | ...AVIS-M...AN AFB, A... STATION NAME | 76-85 YEARS | SEP MONTH

PAGE 2 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 1 | | | | | | | | | | | | | | | | | | | | | 247 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| / | | | | | | | | | | | | | | | | | | | | | 7 |
| / | | | | | | | | | | | | | | | | | | | | | 4 |
| / | | | | | | | | | | | | | | | | | | | | | 2 |
| / | | | | | | | | | | | | | | | | | | | | | 2 |
| TL | 3.4 | 2. | 7.8 | 0.1 | 2 | 11.4 | 11.1 | 9.2 | 2. | 5. | 7.9 | 6.7 | 3.2 | 4.4 | 2.4 | . | . | 744 | 744 | 744 | 744 |
| | | | | | | | | | | | | | | | | | | 744 | 744 | | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16299892 | 319744 | 41.6 | 21.393 | 7440 | | | | | | | |
| Dry Bulb | 25339295 | 427882 | 57.5 | 17.273 | 7440 | | .7 | 159.1 | 67.4 | 11.5 | | 744 |
| Wet Bulb | 15464262 | 336312 | 45.2 | 5.933 | 7440 | | 17.5 | | | | | 744 |
| Dew Point | 7.17843 | 229497 | 30.8 | 9.965 | 7440 | | 407.4 | | | | | 744 |

USAFETAC FORM AM 94 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...745 | ...AVIS-MONTHAN AFB AZ | 76-85 | ...
STATION | STATION NAME | YEARS | MONTH

... | 1200-02...
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | .1 | | .1 | | .1 | | | | | | | |
| ... | | | | | | | | | .3 | .2 | .2 | .2 | .2 | | | | | 11 | 11 | | |
| ... | | | | | | | | | | .2 | .1 | .1 | .2 | | | | | 6 | | | |
| ... | | | | | | | | .6 | .1 | 1.3 | .7 | .2 | .2 | | | | | 34 | 34 | | |
| ... | | | | | | | .1 | 1.3 | .6 | .8 | 1.1 | .3 | | | | | | 43 | 43 | | |
| ... | | | | | .1 | .3 | 1.1 | .9 | .9 | 2.1 | 1.2 | .2 | | | | | | 61 | 61 | | |
| ... | | | | . | .1 | .2 | .6 | .6 | 1.7 | 1.9 | .9 | | | | | | | 75 | 6 | | |
| ... | | | | | | .3 | .1 | 2.4 | 2.6 | 2.3 | .8 | | | | | | | 81 | 81 | | |
| ... | | | | .1 | .1 | .4 | . | 4.7 | 2.3 | 1.6 | .2 | | | | | | | 92 | 93 | 1 | |
| ... | | | | . | .1 | . | 2.1 | 3.6 | 2.3 | .8 | | | | | | | | 92 | 93 | 6 | |
| 5... | 55 | | | . | .4 | 1.2 | 4.2 | 1.6 | 2.9 | .3 | | | | | | | | 111 | 111 | 15 | 1 |
| ... | 5... | | | .1 | .6 | .4 | 2.1 | 2. | 1.9 | | | .1 | | | | | | 71 | 71 | 37 | |
| ... | 52 | | .1 | | .4 | .7 | 2.7 | 1.7 | .9 | .2 | | | | | | | | 50 | 50 | 37 | |
| ... | 4 | | .6 | . | .7 | 1.3 | 1.4 | 1. | .2 | .2 | | | | | | | | 69 | 69 | 21 | |
| ... | 47 | | .1 | .3 | .3 | 1.1 | .4 | .4 | .4 | .1 | | | | | | | | 73 | 53 | 125 | 5 |
| ... | 4... | | .2 | .4 | 1.. | 1.3 | .2 | .1 | .1 | | | | | | | | | 73 | 73 | 163 | 10 |
| 4... | 43 | | .6 | . | .3 | .7 | .3 | | | | | | | | | | | 24 | 24 | 146 | 39 |
| ... | 41 | | .2 | .3 | 1.. | .4 | .1 | | | | | | | | | | | 19 | 19 | 126 | 19 |
| ... | ... | .1 | .2 | .4 | .2 | .4 | | | | | | | | | | | | 13 | 13 | 99 | 15 |
| ... | ... | | | | | | | | | | | | | | | | | | | 45 | 3... |
| ... | 36 | | | .2 | | | | | | | | | | | | | | 2 | 2 | 2... | 54 |
| 3... | 33 | | | | | | | | | | | | | | | | | | | 1... | 6... |
| ... | 31 | | | | | | | | | | | | | | | | | | | 9 | 134 |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | 27 | | | | | | | | | | | | | | | | | | | | 3... |
| ... | 25 | | | | | | | | | | | | | | | | | | | | 7... |
| ... | 2... | | | | | | | | | | | | | | | | | | | | 2... |
| ... | 21 | | | | | | | | | | | | | | | | | | | | 1... |
| ... | 19 | | | | | | | | | | | | | | | | | | | | 67 |
| ... | 17 | | | | | | | | | | | | | | | | | | | | 6... |
| 1... | 15 | | | | | | | | | | | | | | | | | | | | 2... |
| 1... | 13 | | | | | | | | | | | | | | | | | | | | 1... |
| 1... | 11 | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | 1... |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...24... | ...ANIS-MORTHAN AFB AZ | 75-85 | ... |

DAY ... HOURS (L. S. T.) ...-12

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | |
| T-L | .1 | 2.5 | 3.2 | 6.2 | 6.4 | 11.2 | 15.5 | 19.3 | 13.2 | 11.4 | 5.2 | 1.9 | .7 | .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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | 1...756... | 34331 | ...1 | 15.848 | 900 | | | | | | | |
| Dry Bulb | 2...773 | 51119 | 56.8 | 7.596 | 900 | | | 9.4 | 1.4 | | | |
| Wet Bulb | 17...09... | 39698 | 44.3 | 4.376 | 9... | | | | | | | |
| Dew Point | ...311 | 2...72... | 29... | 8.773 | 900 | | 61.4 | | | | | |

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

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

# PSYCHROMETRIC SUMMARY

| 72074 | ...VIS-MONTHAN AFB AZ | 78-85 | AP... |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

...OF 1 | ...00-05
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 | | | | | | | | | |
| ... / 7 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| ... / 7... | | | | | | | | | | | | | | .2 | | | | 1 | 1 | | |
| ... / 6... | | | | | | | | | .5 | | | | | | | | | | | | |
| ... / 6... | | | | | | | | | 4 | .1 | .2 | .2 | | | | | | | | | |
| ... / 6... | | | | | | | . | .1 | .6 | .6 | .2 | .1 | | | | | | 14 | 14 | | |
| ... / 6... | | | | | | .1 | 1.1 | .6 | .4 | .5 | .1 | .1 | | | | | | 3 | 3 | | |
| ... / 6... | | | | .2 | .1 | .2 | .7 | .8 | .7 | .4 | | | | | | | | | | | |
| ... / 6... | | | | .2 | | 1.1 | .7 | 1.2 | 1.9 | .8 | .2 | | | | | | | 4 | 4 | | |
| ... / 6... | | | | .2 | .1 | .8 | 1.2 | 2.6 | 2.8 | .4 | | | | | | | | 24 | 24 | | |
| ... / 5... | | | | | .3 | 1.2 | 1.1 | 3.7 | 1.6 | .6 | | | | | | | | | | | |
| ... / 5... | | | | .4 | .6 | 1.2 | 4.2 | 2.3 | 2.6 | .1 | | | | | | | | 1... | 1... | 12 | |
| ... / 5... | | | | .3 | .6 | 2.2 | 2.4 | 2.2 | .8 | .1 | | | | | | | | 7 | 7 | 24 | |
| ... / 5... | | | .4 | 1.1 | 1.2 | 3.4 | 2.7 | 1.6 | .6 | | | | | | | | | 1... | 1... | 27 | 4 |
| ... / 4... | | .3 | .6 | .7 | 1.8 | 3.2 | 1.7 | .2 | .2 | | | | | | | | | 76 | 76 | 40 | 3 |
| ... / 4... | | .4 | .6 | .6 | 2.4 | 1.2 | 1.4 | .2 | | | | | | | | | | 6... | 6... | 59 | 4 |
| ... / 4... | | .2 | .4 | .5 | 3.1 | .6 | .7 | | | | | | | | | | | 3... | 3... | 121 | 13 |
| ... / 4... | | .1 | .2 | 1.2 | 1.1 | .6 | | | | | | | | | | | | 2... | 2... | 156 | 2... |
| ... / 4... | | .2 | 1.. | 1.1 | .4 | .2 | | | | | | | | | | | | 1 | 31 | 13... | 4... |
| ... / 3... | | .4 | .7 | 1.3 | .3 | | .2 | | | | | | | | | | | 27 | 27 | 130 | 21 |
| ... / 3... | | .1 | .3 | | .1 | | | | | | | | | | | | | 5 | 5 | 93 | 3A |
| ... / 3... | | .2 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 50 | 5... |
| ... / 3... | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 27 | 6... |
| ... / 3... | | | | | | | | | | | | | | | | | | | | 5 | 12... |
| ... / 2... | | | | | | | | | | | | | | | | | | | | 4 | 1... |
| ... / 2... | | | | | | | | | | | | | | | | | | | | 2 | 1... |
| ... / 2... | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 2... | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | 5... |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 1 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | 7 |
| ... / 1... | | | | | | | | | | | | | | | | | | | | | 7 |
| ... / | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...4 STATION | ...STATION NAME | 70-85 YEARS | APR MONTH

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 | 4 | 6 | 41 | 217 | 719 | 1145 | 1512 | 1423 | 1036 | 614 | 314 | 144 | 64 | 24 | 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. | 1...361... | 3...422 | 42.7 | 15.762 | 900 | | | | | | | |
| Dry Bulb | 2...3... | 4...22 | 53.4 | 7.174 | 900 | | | 2.7 | .2 | | | 5... |
| Wet Bulb | 1...99... | 3...391 | 42.7 | 4.998 | 900 | | 1.1 | | | | | 9... |
| Dew Point | 435... | 2061 | 2...6 | 7.916 | 900 | | 62... | | | | | 5... |

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

2

AL CLIMATOLOGY BRANCH
...
...SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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] | | | | | | | | | .1 | .2 | .1 | .1 | .2 | .1 | | | | | | | |
| [illegible] | | | | | | | | .1 | .3 | .4 | .3 | .1 | .4 | | | | | 1 | 1 | | |
| [illegible] | | | | | | | | .3 | .3 | .5 | 1.0 | .4 | | | | | | 1 | 1 | | |
| [illegible] | | | | | | | | .6 | .4 | 1.1 | 1.1 | .2 | | | | | | 3 | 3 | | |
| [illegible] | | | | | | | .7 | .8 | 1.1 | 2.2 | 1.2 | | | | | | | 4 | 4 | | |
| [illegible] | | | | .1 | | | .4 | 1.4 | 2.0 | 2.1 | .7 | .1 | | | | | | 7 | 7 | | |
| [illegible] | | | | | | .2 | 1.1 | 1.6 | 2.1 | 1.1 | | | | | | | | 5 | 5 | | |
| [illegible] | | | | | .3 | .2 | 1.3 | 3.3 | 1.3 | .3 | .1 | | | | | | | 9 | 9 | | |
| [illegible] | | | .1 | .2 | 1.2 | .2 | 1.0 | 3.6 | 1.2 | .3 | | | | | | | | 9 | 9 | 7 | |
| [illegible] | | | | .1 | .3 | 1.2 | 2.0 | 2.2 | 1.6 | .1 | | | | | | | | 7 | 7 | 11 | |
| [illegible] | | | | .2 | .3 | 2.1 | 3.3 | 1.2 | .6 | .2 | | | | | | | | 11 | 11 | 4 | |
| [illegible] | | | .3 | .7 | 1.1 | 3.4 | 1.7 | 1.2 | .1 | .1 | | | | | | | | 7 | 7 | 12 | |
| [illegible] | | .1 | .3 | .6 | 2.3 | 3.7 | 1.1 | .2 | | | | | | | | | | 14 | 14 | 7 | |
| [illegible] | | .2 | 1.0 | 1.1 | 1.3 | 1.6 | 1.1 | | .1 | | | | | | | | | 7 | 7 | 11 | 1 |
| [illegible] | | .2 | .3 | .7 | 1.3 | .2 | .2 | .1 | | | | | | | | | | 8 | 8 | 13 | 1 |
| [illegible] | | | .1 | .2 | .2 | .3 | .1 | | | | | | | | | | | 2 | 2 | 12 | 2 |
| [illegible] | | .2 | .3 | .3 | .7 | .1 | .1 | | | | | | | | | | | 11 | 11 | 11 | 4 |
| [illegible] | | .2 | .3 | .3 | .1 | | | | | | | | | | | | | 1 | 1 | 8 | 1 |
| [illegible] | | .1 | .2 | .2 | .1 | | | | | | | | | | | | | 1 | 1 | 12 | 2 |
| [illegible] | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 15 | 7 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | | | 7 | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 4 | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 5 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 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 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
DET 14 WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[redacted] AVIANO-VINCENZANI AFS AT | 76-85 | [redacted]
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | | | |
| [redacted] | | 1 | 4 | 7 | 21 | 71 | 116 | 115 | 211 | 3 | | 9 | 5 | 0 | 1 | 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. | [redacted] | 36552 | 40.6 | 15.232 | 900 | | | | | | | |
| Dry Bulb | [redacted] | [redacted] | 56.4 | 2.173 | 900 | | | 2.1 | 1.2 | | | |
| Wet Bulb | [redacted] | [redacted] | 44.2 | 5.284 | 900 | | 1.1 | | | | | |
| Dew Point | [redacted] | [redacted] | 30.1 | 7.648 | 900 | | 5.7 | | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

| 224 | ...AVIS-MONTHAN AFB AZ | 76-85 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

... 1 | 0900-1...
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| ... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | | |
| ... | | | | | | | | | | | | | | | .1 | .1 | .1 | 3 | 3 | | | |
| ... | | | | | | | | | | | | | | .1 | .2 | .2 | .1 | 12 | 12 | | | |
| ... | | | | | | | | | | | | .1 | .1 | | .9 | .4 | | 14 | 14 | | | |
| ... | | | | | | | | | | | .1 | .7 | .6 | 1.4 | 1.4 | .3 | | 28 | 28 | | | |
| ... | | | | | | | | | | .2 | .6 | .9 | .3 | 2.4 | .8 | | | 30 | 30 | | | |
| ... | | | | | | | | | | .3 | .4 | 1.8 | 1.7 | 2.0 | 1.1 | | | 67 | 67 | | | |
| ... | | | | | | | | | .1 | .7 | 1.2 | 1.2 | 5.2 | 1.1 | .1 | | | 67 | 67 | | | |
| ... | | | | | | | | | .7 | .9 | 1.8 | 2.4 | 2.6 | .6 | | | | 60 | 60 | | | |
| ... | | | | | | | | .2 | .4 | 1.1 | 2.6 | 3.9 | 1.7 | | | | | 66 | 66 | | | |
| ... | | | | | | | .1 | | .4 | 2.2 | 2.6 | 1.4 | .3 | | | | | 64 | 64 | | | |
| ... | | | | | | | ... | .8 | 1.2 | 2.4 | 2.4 | .7 | .1 | | | | | 72 | 72 | | | |
| ... | | | | | | | .6 | 1.6 | 1.2 | 3.3 | .8 | .6 | | | | | | 65 | 65 | | | |
| ... | | | | | | .2 | .6 | 1.2 | 1.3 | 1.6 | .2 | .1 | | | | | | 49 | 49 | | | |
| ... | | | | | .1 | .2 | .6 | .4 | 1.2 | .7 | .2 | .1 | | | | | | 33 | 33 | 4 | | |
| ... | | | | | .1 | .2 | .6 | 1.6 | .7 | .4 | .1 | | | | | | | 34 | 35 | 24 | | |
| ... | | | | .2 | .2 | .2 | .6 | 1.3 | .4 | .2 | .1 | | | | | | | 32 | 32 | 44 | | |
| ... | | | | | | .2 | 1.2 | .7 | .3 | | | | | | | | | 26 | 26 | 41 | | |
| ... | | | .1 | .2 | .2 | 1.2 | .6 | .2 | 1 | | | | | | | | | 23 | 23 | 177 | | |
| ... | | .1 | .1 | .1 | 1.1 | .4 | .4 | .1 | | | | | | | | | | 22 | 22 | 190 | | |
| ... | | | | .2 | .4 | .4 | .1 | | | | | | | | | | | 11 | 11 | 144 | 4 | |
| ... | | | | .1 | .2 | .1 | | | | | | | | | | | | 5 | 5 | 89 | 17 | |
| ... | | | | .1 | .2 | | | | | | | | | | | | | 4 | 4 | 65 | 22 | |
| ... | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | 64 | 18 | |
| ... | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 57 | 44 | |
| ... | | | | | | | | | | | | | | | | | | | | 26 | 42 | |
| ... | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 54 | |
| ... | | | | | | | | | | | | | | | | | | | | 2 | 65 | |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 77 | |
| ... | | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| ... | | | | | | | | | | | | | | | | | | | | | 11 | |
| ... | | | | | | | | | | | | | | | | | | | | | 11 | |
| ... | | | | | | | | | | | | | | | | | | | | | 71 | |
| ... | | | | | | | | | | | | | | | | | | | | | 72 | |

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

2

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

# PSYCHROMETRIC SUMMARY

...24... DAVIS-MONTHAN AFB AZ — STATION NAME
76-85 — YEARS
APR — MONTH
...-11 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ../..21 | | | | | | | | | | | | | | | | | | | | | 1 |
| --/-1 | | | | | | | | | | | | | | | | | | | | | 4 |
| ../..17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1../..1 | | | | | | | | | | | | | | | | | | | | | |
| ../..17 | | | | | | | | | | | | | | | | | | | | | |
| 1../..11 | | | | | | | | | | | | | | | | | | | | | |
| ../..2 | | | | | | | | | | | | | | | | | | | | | 1 |
| --/..3 | | | | | | | | | | | | | | | | | | | | | |
| ../..2 | | | | | | | | | | | | | | | | | | | | | 1 |
| 1../.. | | .. | .4 | 1.. | 2. | 2. | 2. | 4.. | 1. | 6.. | .. | 7.. | 2. | ..0 | 13.. | 13.. | 13.. | 13.. | 13.. | 0. | 9.. | 4.. | 4.. | 7. | 1.. | 7. | .. | 3. | | | | 9 |
| | | | | | | | | | | | | | | | | | | | | | 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. | 776357 | 23985 | 26.7 | 12.357 | 900 | | | | | | | |
| Dry Bulb | 435222 | 62052 | 68.9 | 9.069 | 900 | | | 58.0 | 35.7 | 5.4 | | 9 |
| Wet Bulb | 227222 | 45226 | 50.3 | 4.724 | 900 | | | | | | | 9 |
| Dew Point | 67454 | 27... | 30.9 | 7.354 | 900 | | 56.3 | | | | | 9 |

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

2

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

# PSYCHROMETRIC SUMMARY

| ...2274 | ...A/BOZEMAN AFS MT | 70-80 | ... | 1200-1400 |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH | HOURS (L. S. T.) |

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | .1 | | | | | | | | | | | |
| ... | | | | | | | | | | | | | .1 | .3 | .3 | .4 | .3 | | | | | | | | |
| ... | | | | | | | | | | | | .1 | .7 | 1.1 | 1.6 | 3.4 | .7 | | | | | | | | |
| ... | | | | | | | | | | | .1 | .7 | 1.1 | 2.- | 5.7 | 1.9 | | | | | | | | | |
| ... | | | | | | | | | | | .4 | 1.0 | 1.3 | 3.4 | 4.2 | | | | | | | | | | |
| ... | | | | | | | | | | .1 | .7 | .7 | 2.1 | 3.2 | 1.2 | | | | | | | | | | |
| ... | | | | | | | | | | .1 | .4 | 1.0 | 1.6 | 2.4 | .1 | | | | | | | | | | |
| ... | | | | | | | | .1 | .1 | | 1.2 | 1.1 | 2.0 | .2 | | | | | | | | | | | |
| ... | | | | | | | | | .6 | 1.2 | 2.1 | 1.2 | 1.4 | .2 | | | | | | | | | | | |
| ... | | | | | | | | | .6 | 1.2 | 1.2 | .6 | .4 | | | | | | | | | | | | |
| ... | | | | | | | | .4 | .8 | .2 | 1.1 | .7 | | | | | | | | | | | | | |
| ... | | | | | | | | .1 | .2 | 1.0 | | .2 | | | | | | | | | | | | | |
| ... | | | | | | .1 | .3 | .3 | 1.0 | 1.8 | .6 | | | | | | | | | | | | | | |
| ... | | | | | .1 | | | .1 | 1.0 | .4 | | | | | | | | | | | | | | | |
| ... | | | | | .1 | | | 1.5 | .2 | | | | | | | | | | | | | | | | |
| ... | | | | | .2 | | .3 | .7 | .2 | .2 | | | | | | | | | | | | | | | |
| ... | | | | .2 | .2 | .1 | .2 | .7 | | .2 | | | | | | | | | | | | | | | |
| ... | | | | .2 | | .3 | .4 | .1 | .1 | | | | | | | | | | | | | | | | |
| ... | | | | | .2 | .2 | | | | | | | | | | | | | | | | | | | |
| ... | | | | | .2 | | .1 | | | | | | | | | | | | | | | | | | |
| ... | | | | .1 | .1 | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | .1 | | | | | | | | | | | | | | | | | | | | |
| ... | | | .1 | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...745 | JAMES-MONTHAN AFB AZ | ...-65 | ...
STATION | STATION NAME | YEARS | MONTH

... | 1200-14
... | 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 | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | 11 |
| ... 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... 21 | | | | | | | | | | | | | | | | | | | | | | | | | 7 |
| ... 1 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| ... 17 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| ... 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 ... 11 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | .1 | .7 | 1.3 | .2 | ... | 4.1 | 4.5 | 6.6 | 8.7 | 9.3 | 11.0 | 15.0 | 16.0 | 21.7 | 6.1 | | | | | | | | | |

| 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. | 444706 | 178.2 | 19.8 | 10.145 | 900 | | | | | | | |
| Dry Bulb | 524326 | 68166 | 75.7 | 9.457 | 900 | | | 73.9 | 60.1 | 3.1 | .2 | |
| Wet Bulb | 3551 79 | 47275 | 52.5 | 4.552 | 900 | | | | | | | |
| Dew Point | 9077 | 26203 | 29.1 | 6.891 | 900 | | 64.9 | | | | | |

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

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

# PSYCHROMETRIC SUMMARY

...STATION | ...AIR FORCE BASE, AZ STATION NAME | 76-85 YEARS | ... MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ... | | | | | | | | | | | | | | | | | .4 | 2 | 2 | | |
| ... | | | | | | | | | | | | | | .1 | | .7 | .2 | 3 | 3 | | |
| ... | | | | | | | | | | | | | .1 | .1 | .7 | 3.7 | 4.2 | 7 | 7 | | |
| ... | | | | | | | | | | | | | .3 | .5 | 1.3 | 7.3 | .7 | 24 | 24 | | |
| ... | | | | | | | | | | | | .3 | .5 | .1 | 4.7 | 4.3 | | 7 | 7 | | |
| ... | | | | | | | | | | | | .3 | 1.0 | 3.1 | 5.5 | 3.3 | | 11 | 11 | | |
| ... | | | | | | | | | | | .5 | .7 | .1 | 2.0 | 5.0 | | | 7 | 7 | | |
| 7 | | | | | | | | | .1 | .2 | .3 | .2 | 1.5 | 3.4 | 1.4 | | | 9 | 9 | | |
| ... | | | | | | | | | | .3 | .1 | .5 | 1.9 | 1.5 | | | | 4 | 4 | | |
| ... | | | | | | .1 | .1 | | .1 | .1 | .5 | 1.0 | 1.6 | .7 | | | | 4 | 4 | | |
| ... | | | | | | | | .1 | | .6 | 1.0 | .7 | 1.2 | .1 | | | | 3 | 3 | | |
| ... | | | | | | | | .1 | .4 | .3 | .7 | 1.1 | 1.0 | | | | | 3 | 3 | | |
| ... | | | | | | | | .1 | .3 | .6 | 1.2 | .6 | .1 | | | | | 3 | 3 | | |
| ... | | | | | | | .1 | .7 | 3 | 1.2 | .6 | .4 | | | | | | 2 | 2 | | |
| ... | | | | | | . | .2 | .3 | .1 | .8 | .7 | .2 | | | | | | 25 | 25 | 4 | |
| ... | | | | | | | . | .1 | | .1 | .2 | | | | | | | 9 | 9 | 10 | |
| ... | | | | | .1 | .2 | .1 | .6 | .1 | .4 | .1 | | | | | | | 19 | 19 | 60 | |
| ... | | | | | | | . | 1.1 | .1 | .1 | | | | | | | | 16 | 16 | 139 | |
| 5 | | | | .1 | .1 | .2 | .2 | .7 | .1 | .2 | | | | | | | | 12 | 12 | 152 | 1 |
| ... | | | .1 | .1 | .2 | .2 | . | | | | | | | | | | | 5 | | 138 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 132 | |
| ... | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 56 | 1 |
| ... | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 51 | 5 |
| ... | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 43 | 15 |
| ... | | | | . | | | | | | | | | | | | | | 2 | 2 | 30 | 23 |
| ... | | | | | | | | | | | | | | | | | | | | 14 | 17 |
| ... | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 33 |
| ... | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 44 |
| 35 | | | | | | | | | | | | | | | | | | | | | 37 |
| ... | | | | | | | | | | | | | | | | | | | | | 11 |
| ... | | | | | | | | | | | | | | | | | | | | | 117 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 7 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...74 | ...IS-MCGUIRE AFB NJ | 76-85 | APR
STATION | STATION NAME | YEARS | MONTH

... | 15 - 17 C
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 25 | | | | | | | | | | | | | | | | | | | | 11 |
| / 23 | | | | | | | | | | | | | | | | | | | | 7 |
| / 21 | | | | | | | | | | | | | | | | | | | | 4 |
| / 19 | | | | | | | | | | | | | | | | | | | | 4 |
| / 17 | | | | | | | | | | | | | | | | | | | | 1 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | 1 |
| / 13 | | | | | | | | | | | | | | | | | | | | 6 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | 4 |
| / 9 | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | .2 | .1 | .7 | .0 | 1.1 | 2.0 | 3.8 | 1.6 | 5.5 | 6.0 | 4.6 | 10.0 | 13.0 | 11.6 | 8.0 | 15.0 | 16.7 | 8.5 | | 6.9 |
| | | | | | | | | | | | | | | | | | | 8.5 | 8.9 | |

| 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. | [illegible] | 16417 | 18.3 | 3.522 | 899 | | | | | | | |
| Dry Bulb | 54 32.7 | 69752 | 77.6 | 9.514 | 899 | | | 76.8 | 67.4 | 4.2 | .1 | 5 |
| Wet Bulb | 2 [illegible]3267 | 47741 | 53.1 | 4.477 | 899 | | | | | | | |
| Dew Point | [illegible]753[illegible] | [illegible]5067 | 28.6 | 6.885 | 899 | | 71.1 | | | | | |

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

2

...AL CLIMATOLOGY BRANCH
...
...ET AFB, NEBRASKA

# PSYCHROMETRIC SUMMARY

...45 — ...-MOUNTAIN AFS AZ — 76-85 — ...
STATION — STATION NAME — YEARS — MONTH

...2 — 1...-7
HOURS (L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ... | | | | | | | | | | | | | | | | | .4 | 4 | 4 | | |
| ... | | | | | | | | | | | | | | .1 | | .6 | .2 | 14 | 14 | | |
| ... | | | | | | | | | | | | | | .1 | .7 | 2.7 | .1 | ... | ... | | |
| ... | | | | | | | | | | | | .1 | .3 | .7 | 2.0 | 2.7 | | ... | ... | | |
| ... | .1 | | | | | | | | | | | .3 | .6 | 1.4 | 3.3 | 1.5 | | 6 | ... | | |
| ... | | | | | | | | | | | .4 | .2 | 1.1 | 2.7 | 4.6 | | | 1 | ... | | |
| ... | | | | | | | | | | | .7 | .9 | 1.2 | 4.5 | 2.5 | | | 7 | 7 | | |
| ... | | | | | | | | | | .8 | .3 | 1.2 | 3.7 | 4.3 | | | | ... | ... | | |
| ... | | | | | | | .1 | | .1 | .6 | .4 | 2.0 | 3.2 | 1.4 | | | | 7... | 7 | | |
| ... | | | | | | | .1 | .1 | .1 | .4 | 1.4 | 2.5 | 2.6 | .1 | | | | 6... | 6... | | |
| ... | | | | | | | .2 | .1 | .3 | .7 | 1.6 | 2.5 | 1.3 | | | | | 5... | 5... | | |
| ... | | | | | .1 | | .1 | .2 | .6 | 1.1 | 1.2 | 1.6 | .1 | | | | | 45 | 4... | | |
| ... | | | | .1 | | .1 | | .3 | .3 | 1.2 | 1.6 | .4 | | | | | | 37 | 37 | | |
| ... | | | .1 | | | | .3 | .6 | .7 | 1.3 | 1.2 | .1 | | | | | | 3... | 3... | | |
| ... | | | | | .2 | .1 | .4 | .4 | 1.1 | .8 | .2 | .1 | | | | | | ... | 3... | 3 | |
| ... | | | | .1 | .6 | .7 | | .3 | .7 | .8 | .1 | | | | | | | ... | ... | ... | |
| ... | | | .1 | .1 | .1 | .2 | .2 | .3 | .4 | .3 | | | | | | | | 17 | 17 | 1... | |
| ... | | .1 | .2 | | .2 | .1 | .6 | .9 | .6 | .1 | | | | | | | | 2... | 2... | 1.4 | 1 |
| ... | | | .1 | | .1 | .6 | .1 | .1 | .2 | | | | | | | | | 11 | 11 | 1.3 | 1 |
| ... | | | | .3 | .4 | .1 | .2 | | | | | | | | | | | 1... | 1... | 1.6 | |
| ... | | | .1 | .1 | .6 | | | .1 | | | | | | | | | | ... | ... | 1.4 | .5 |
| ... | | | .1 | .3 | .3 | | | | | | | | | | | | | ... | ... | ... | ... |
| ... | | .2 | .2 | | .1 | | | | | | | | | | | | | ... | ... | ... | 1.1 |
| ... | | | | | | | | | | | | | | | | | | | | ... | 1.9 |
| ... | | | | | | | | | | | | | | | | | | | | 3... | 2.3 |
| ... | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 1... | ... |
| ... | | | | | | | | | | | | | | | | | | | | 1 | ... |
| ... | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 2... |
| ... | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 2... |
| ... | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 6.7 |
| ... | | | | | | | | | | | | | | | | | | | | | ... |
| ... | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) 64 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | 1.- | 1.2 | 2.- | 1.2 | 2.3 | 3.- | 5.1 | 7.8 | 9.- | 11.0 | 14.0 | 16.2 | 17.0 | 8.- | 1.- | | | 2.7 | | 89.7 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 850233 | 19701 | 22.0 | 13.921 | 897 | | | | | | | |
| Dry Bulb | 4748963 | 64712 | 72.1 | 9.472 | 897 | | | 67.7 | 56.5 | 20.5 | | 89.7 |
| Wet Bulb | 23264.3 | 45495 | 50.7 | 4.607 | 897 | | .3 | | | | | .3 |
| Dew Point | 754961 | 25003 | 27.9 | 8.247 | 897 | | 69.4 | | | | | 69.4 |

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

2

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

# PSYCHROMETRIC SUMMARY

| ...748 | ...MAN AFB, MT | 76-85 | ... |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

... 1200-2...
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 | | .4 | | .1 | | | 1... | 1... | | | |
| 7 / ... | | | | | | | | | | .1 | .1 | .6 | .4 | .6 | | | | 1... | 1 | | | |
| ... | | | | | | | | | | .4 | .4 | 1.1 | 1.6 | .5 | | | | ... | | | | |
| ... | | | | | | | | | .1 | .1 | 1.3 | 1.0 | 1.4 | .7 | | | | ... | | | | |
| ... | | | | | | | | .3 | .7 | .3 | 1.4 | 2.2 | 2.2 | | | | | ... | ... | | | |
| ... | | | | | | | .2 | .3 | 1.1 | .9 | 2.6 | 3.4 | .7 | | | | | 5 | ... | | | |
| ... | | | | | | .1 | | .4 | 1.4 | 1.7 | 3.6 | 2.7 | | | | | | 1 | 1 | | | |
| ... | | | | .1 | | .1 | .7 | .2 | 1.3 | 3.6 | 3.7 | 1.0 | | | | | | ... | ... | | | |
| ... | | | | | | | .3 | .6 | 3.2 | 3.2 | 1.1 | .2 | | | | | | 7... | 7... | | | |
| ... | | | | | | .7 | | .9 | 2.6 | 1.7 | 1.1 | | | | | | | ... | ... | ... | | |
| ... | | | | .1 | | .4 | 1.1 | 2.4 | 1.6 | 1.7 | | | | | | | | 1... | ... | 7 | 1 | |
| ... | | | .1 | .2 | .7 | .4 | 1.1 | 2.2 | 1.1 | .4 | .1 | | | | | | | ... | ... | 14 | ... | |
| ... | | | .4 | .6 | .3 | .4 | 1.3 | 1.7 | .9 | .2 | | | | | | | | ... | ... | 26 | ... | |
| ... | | | .1 | .2 | .7 | .7 | 1.6 | .7 | .4 | .1 | | | | | | | | ... | ... | 56 | ... | |
| ... | | .7 | | .5 | .6 | 1.1 | .7 | .4 | .2 | | | | | | | | | 37 | 37 | 91 | 4 | |
| ... | | | .1 | .5 | .2 | .5 | .6 | .3 | | | | | | | | | | ... | ... | 136 | ... | |
| ... | | | .3 | .4 | .2 | .1 | .. | | .1 | | | | | | | | | 14 | 17 | 171 | ... | |
| ... | | | .. | .4 | .6 | | | | | | | | | | | | | 11 | 11 | 153 | ... | |
| ... | | .2 | .2 | .2 | | .1 | | | | | | | | | | | | 7 | 7 | 91 | 17 | |
| ... | | .3 | .3 | | .1 | | | | | | | | | | | | | ... | ... | 73 | ... | |
| ... | | | .1 | | | | | | | | | | | | | | | ... | ... | 43 | ... | |
| ... | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 31 | 5 | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | 6 | ... | |
| 3 / ... | | | | | | | | | | | | | | | | | | ... | ... | 4 | ... | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | 1 | 1 | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | 71 | |
| ... | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |
| 1 / 1 | | | | | | | | | | | | | | | | | | ... | ... | ... | ... | |

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

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

2

# PSYCHROMETRIC SUMMARY

STATION [illegible] STATION NAME WILLIAMS AFB AZ YEARS 70-85 MONTH SEP

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

| 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] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | • | .7 | 3.7 | 2.9 | 4.3 | 9.7 | 11.1 | 14.9 | 14.5 | 14.3 | 12.3 | 7.1 | 2.3 | .4 | | | 8.7 | [illegible] | 8.97 | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1045566 | 2727 | 3.0.4 | 15.54 | 897 | | | | | | | |
| Dry Bulb | 76557 | 56787 | 63.3 | 9.243 | 897 | | | 34.2 | 10.3 | .4 | | |
| Wet Bulb | 2.1 34 | 42352 | 47.2 | 4.683 | 897 | | .1 | | | | | |
| Dew Point | 17 54 | 26.00 | 29.0 | 8.414 | 897 | | 63.4 | | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

| 725745 | ...LE-MONTHAN AFB AZ | 76-85 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | | | | | | | | | |
| / 120 | | | | | | | | | | | | | | | | | •2 | 5 | | | | | | | |
| / 115 | | | | | | | | | | | | | | | | | •2 | 5 | | | | | | | |
| 110 / 114 | | | | | | | | | | | | | | | | •1 | •2 | 16 | | | | | | | |
| / 109 | | | | | | | | | | | | | | •2 | •1 | •1 | •2 | 1083 | 14 | | | | | | |
| / 104 | | | | | | | | | | | | | •1 | •3 | •5 | 1.7 | •2 | 1[illegible] | 1[illegible] | | | | | | |
| / 103 | | | | | | | | | | | | •1 | •2 | •3 | 1•3 | 1•5 | | 2[illegible] | 2[illegible] | | | | | | |
| / 99 | | | | | | | | | | | •2 | •2 | •4 | 1•2 | 2•3 | •5 | | 3[illegible] | 3[illegible] | | | | | | |
| / 98 | | | | | | | | | | •1 | •2 | •3 | •5 | 1•5 | 1•3 | | | 3[illegible] | 2[illegible] | | | | | | |
| 97 / 97 | | | | | | | | | •2 | •1 | •3 | •5 | •8 | 1•5 | •8 | | | 3[illegible] | 3[illegible] | | | | | | |
| / 92 | | | | | | | | | •2 | •4 | •3 | •7 | 1•7 | 1•3 | •9 | | | 3[illegible] | 3 | | | | | | |
| / 91 | | | | | | | •2 | •4 | •7 | •3 | •3 | 1•0 | 1•5 | •5 | | | | 3[illegible] | 3[illegible] | | | | | | |
| / 86 | | | | | | | •1 | •1 | •3 | •5 | 1•1 | 1•4 | 1•2 | •1 | | | | 3[illegible] | 3[illegible] | | | | | | |
| / 85 | | | | | | | •1 | •5 | •5 | •9 | 1•3 | 1•4 | •6 | | | | | 3[illegible] | 3[illegible] | | | | | | |
| / 80 | | | | | •2 | •2 | •2 | •7 | 1•1 | 1•1 | 1•4 | •6 | •2 | | | | | 3[illegible] | 3[illegible] | | | | | | |
| / 79 | | | | •4 | •6 | •9 | •1 | •6 | •7 | 1•9 | 1•3 | •4 | | | | | | 4[illegible] | 4[illegible] | | | | | | |
| / 74 | | | | •4 | •1 | •3 | •6 | •7 | 1•3 | 1•5 | •7 | •1 | | | | | | 3[illegible] | 3[illegible] | 7 | | | | | |
| / 73 | | | | •3 | •1 | •4 | •6 | •9 | 1•6 | •6 | •4 | •2 | | | | | | 3[illegible] | 3[illegible] | [illegible] | | | | | |
| / 68 | | | | •1 | •2 | •5 | •[illegible] | 2•2 | 1•2 | •7 | •1 | | | | | | | 3[illegible] | 3[illegible] | 15[illegible] | 1 | | | | |
| / 67 | | | | •4 | •1 | •3 | •5 | 1•1 | 2•1 | •9 | •4 | | | | | | | 3[illegible] | 3[illegible] | 3[illegible] | 4 | | | | |
| 66 / 62 | | • | •1 | •5 | •3 | •6 | 1•[illegible] | 1•4 | 1•1 | •2 | | | | | | | | 4[illegible] | 4[illegible] | 6[illegible] | 7 | | | | |
| / 61 | | | •1 | •5 | •2 | 1•3 | 1•4 | •6 | •3 | •1 | | | | | | | | 3[illegible] | 3[illegible] | 8[illegible] | 6 | | | | |
| / 56 | | •1 | •1 | •4 | •[illegible] | 1•[illegible] | •[illegible] | •5 | •1 | •2 | | | | | | | | 3[illegible] | 3[illegible] | 6[illegible] | 1[illegible] | | | | |
| / 55 | | •1 | •3 | •5 | •5 | 1•2 | •7 | •1 | •1 | | | | | | | | | 2[illegible] | 2[illegible] | 7[illegible] | [illegible]7 | | | | |
| / 47 | | •1 | •2 | •4 | •6 | •5 | •[illegible] | •1 | •0 | | | | | | | | | 1[illegible] | 1[illegible] | 7[illegible] | [illegible]4 | | | | |
| 46 / 45 | | •[illegible] | •[illegible] | •4 | •[illegible] | •1 | •2 | •[illegible] | | | | | | | | | | 1[illegible] | 14[illegible] | 7[illegible] | 156 | | | | |
| 45 / 43 | | •1 | •2 | •4 | •3 | •2 | • | | | | | | | | | | | [illegible] | [illegible] | 7[illegible] | 1[illegible] | | | | |
| / 40 | | • | •[illegible] | •4 | •[illegible] | •1 | •[illegible] | | | | | | | | | | | 7[illegible] | 7[illegible] | 542 | [illegible]1 | | | | |
| / 35 | • | •1 | •[illegible] | •[illegible] | •1 | | • | | | | | | | | | | | 7 | [illegible] | 4[illegible] | 24[illegible] | | | | |
| / 32 | | •[illegible] | •[illegible] | •[illegible] | •[illegible] | | | | | | | | | | | | | [illegible] | [illegible] | 2[illegible] | [illegible] | | | | |
| / 31 | | | •1 | •[illegible] | | | | | | | | | | | | | | 13 | 13 | 121 | 417 | | | | |
| 30 / 29 | | | •[illegible] | •[illegible] | | | | | | | | | | | | | | [illegible] | [illegible] | 5[illegible] | 4[illegible] | | | | |
| / 21 | | | | | | | | | | | | | | | | | | | | 24 | [illegible] | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | 7[illegible] | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible]19 | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]-[illegible] AFB [illegible] | 7[illegible]-[illegible] | [illegible] |

HOURS (L. S. T.): ALL

| Temp (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 | [illegible] | [illegible] | 2.2 | 3.7 | [illegible].4 | 7.2 | 9.[illegible] | 10.4 | 9.0 | 9.0 | 7.9 | 7.0 | 7.0 | 7.2 | 6.6 | 5.0 | 2.3 | 71[illegible] | 719[illegible] | 719[illegible] | 7193 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | [illegible]364213 | 214480 | 29.5 | 16.545 | 7193 | | | | | | | |
| Dry Bulb | 31935647 | 47[illegible]971 | 65.5 | 12.357 | 7193 | | | 3[illegible]1.7 | 223.1 | 117.5 | .3 | 7[illegible] |
| Wet Bulb | 16[illegible]30282 | 346200 | 48.1 | 6.1[illegible]7 | 7193 | | 3.4 | | | | | 7[illegible] |
| Dew Point | [illegible]6442[illegible] | 211432 | 29.4 | 7.724 | 7193 | | 565.[illegible] | | | | | 7[illegible] |

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

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

# PSYCHROMETRIC SUMMARY

[illegible] — DAVIS-MONTHAN AFB AZ — 73-84 — [illegible]Y
STATION — STATION NAME — YEARS — MONTH

[illegible] 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | .1 | | | | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | .[illegible] | | | | | | | | |
| [illegible] | | | | | | | | | | | .4 | .7 | | | .1 | .1 | | [illegible] | | | |
| [illegible]/ 7[illegible] | | | | | | | | | | | .[illegible] | | .3 | | | | | [illegible] | [illegible] | | |
| 7[illegible]/ 77 | | | | | | | | | | .[illegible] | .4 | .1 | .1 | .[illegible] | .[illegible] | | | [illegible] | 1[illegible] | | |
| [illegible]/ 7[illegible] | | | | | | .1 | | .1 | .1 | .5 | .1 | .2 | .[illegible] | .[illegible] | | | | | [illegible] | | |
| [illegible]/ 73 | | | | | | .[illegible] | .1 | .2 | .5 | .4 | | 1.2 | 1.1 | .[illegible] | | | | [illegible]7 | [illegible]7 | | |
| [illegible]/ 71 | | | | | | .1 | .1 | | .6 | | 2.[illegible] | [illegible].3 | 1.5 | | | | | [illegible]4 | [illegible]4 | | |
| [illegible]/ [illegible] | | | | | .1 | .4 | .4 | 1.1 | .9 | 2.3 | 3.1 | 2.8 | .4 | | | | | 1[illegible] | 1[illegible] | | |
| [illegible]/ 67 | | | | | | .[illegible] | .[illegible] | .9 | 1.4 | 1.6 | 3.3 | 2.6 | .1 | | | | | [illegible] | [illegible] | | |
| [illegible]/ 6[illegible] | | | | | .[illegible] | 1.[illegible] | .[illegible] | .9 | 2.3 | 4.[illegible] | 3.7 | .8 | | | | | | 1[illegible] | 1[illegible] | 1 | |
| [illegible]/ [illegible] | | | .[illegible] | | .7 | .9 | 1.1 | 1.6 | 2.8 | 3.4 | 1.[illegible] | .2 | | | | | | 114 | 114 | [illegible] | |
| [illegible]/ [illegible] | | | .[illegible] | .1 | .1 | 1.[illegible] | .[illegible] | 1.3 | 3.0 | 1.6 | .[illegible] | | | | | | | 4 | 4 | 1[illegible] | |
| [illegible]/ 59 | | | .1 | .[illegible] | .1 | 1.[illegible] | 1.[illegible] | 1.5 | 1.7 | 1.9 | .[illegible] | | | | | | | [illegible] | [illegible] | [illegible] | 1 |
| [illegible]/ 57 | | | | .[illegible] | .3 | .[illegible] | 1.[illegible] | 2.3 | 1.5 | .9 | | | | | | | | [illegible] | | [illegible] | [illegible] |
| [illegible]/ [illegible] | | | .[illegible] | .1 | .4 | .1 | 2.[illegible] | .5 | .8 | .5 | | | | | | | | 4[illegible] | 44 | [illegible]4 | [illegible] |
| [illegible]/ [illegible] | | .[illegible] | .[illegible] | .1 | .2 | .1 | 1.[illegible] | .5 | .6 | | | | | | | | | | [illegible] | 4[illegible] | 7 |
| [illegible]/ [illegible]1 | | .1 | .[illegible] | .4 | | .1 | .2 | .[illegible] | .3 | | | | | | | | | 17 | 17 | 1[illegible]6 | [illegible] |
| [illegible]/ [illegible] | | .2 | .[illegible] | | | .4 | .1 | .1 | .2 | | | | | | | | | 1[illegible] | 1[illegible] | 174 | [illegible]1 |
| [illegible]/ 47 | | | | .1 | | | | .1 | | | | | | | | | | [illegible] | | 1[illegible]6 | 7 |
| [illegible]/ 4[illegible] | | | | .1 | | | | .1 | | | | | | | | | | | | 14[illegible] | 4[illegible] |
| [illegible]/ 4[illegible] | | | | | | | | | | | | | | | | | | | | [illegible]4 | 7 |
| [illegible]/ 41 | | | | | | | | | | | | | | | | | | | | [illegible]3 | [illegible]7 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | 17 | [illegible]7 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible]7 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | 4 | [illegible] |
| [illegible]/ 31 | | | | | | | | | | | | | | | | | | | | | [illegible]1 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | | 7[illegible] |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible]7 |
| [illegible]/ 2[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 21 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ [illegible]1 | | | | | | | | | | | | | | | | | | | | | [illegible]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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH | 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 | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

# PSYCHROMETRIC SUMMARY

...4 | ALS-MCGUIRAN AFB AZ | 75-84 | MAY
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0300-05
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| / | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| / | | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| / | | | | | | | | | | .1 | .? | | | | | | | | 4 | | | |
| ? / 77 | | | | | | | | | | .2 | .1 | | | | | | | | 3 | | | |
| / 7 | | | | | | | | | .1 | .? | | .1 | | .? | | | | | 6 | | | |
| / ? | | | | | | | | .? | .2 | .1 | .2 | .4 | | | | | | | 11 | 11 | | |
| / ?? | | | | | .1 | .1 | .1 | .1 | 1.5 | | .2 | .2 | .1 | | | | | | 22 | 22 | | |
| / ?? | | | | | .1 | .? | .2 | .6 | .4 | .4 | 1.1 | .6 | .2 | | | | | | 37 | 37 | | |
| / 67 | | | | | .? | .? | .4 | .6 | .2 | 1.6 | 1.? | .6 | | | | | | | 57 | 57 | | |
| / | | | | | .1 | .3 | 1.? | .9 | 2.? | 2.? | 2.9 | .9 | | | | | | | 102 | 102 | | |
| / ?? | | | | .2 | .2 | 1.3 | 1.4 | 1.7 | 3.5 | 4.5 | 1.6 | .2 | | | | | | | 136 | 135 | 1 | |
| / ?? | | | .? | | .6 | 1.? | 1.? | 1.7 | 2.3 | 2.8 | .6 | | | | | | | | 5 | ?? | 6 | |
| / ?? | | .? | .1 | .4 | .5 | 1.? | 1.1 | 2.6 | 2.9 | 1.6 | .4 | | | | | | | | 14 | 1.? | 14 | |
| / ?? | | .? | .1 | .1 | .4 | 1.4 | 2.7 | 3.3 | 1.3 | .6 | .1 | | | | | | | | ?6 | ?6 | ?4 | ? |
| / ?? | | | .? | .5 | .2 | .? | 3.? | 2.? | 2.2 | .3 | | | | | | | | | ?? | ?? | 31 | 1? |
| / ? | | | .? | .? | .9 | 1.? | 2.4 | 1.4 | .4 | | | | | | | | | | 23 | 23 | 5? | 5 |
| / ? | | .1 | | .2 | .? | 1.2 | .? | .5 | .2 | | | | | | | | | | 34 | 34 | 60 | ? |
| / ? | | .? | .? | .2 | .1 | 1.? | .? | .4 | .4 | | | | | | | | | | ?? | ? | 104 | 15 |
| / ?? | | .1 | .? | .1 | .? | .1 | .1 | .3 | | | | | | | | | | | 13 | 13 | 138 | ?7 |
| ? / ?? | | .1 | .? | .2 | | | .1 | .4 | | | | | | | | | | | 10 | 10 | 172 | 43 |
| ?? / ?? | | | | .1 | | | .? | .1 | | | | | | | | | | | 4 | 4 | 142 | ?7 |
| / ?1 | | | | | | | .1 | | | | | | | | | | | | 1 | 1 | ?6 | 3? |
| / | | | | | | | | | | | | | | | | | | | | | 47 | ?? |
| ? / ?? | | | | | | | | | | | | | | | | | | | | | 15 | 34 |
| / ?? | | | | | | | | | | | | | | | | | | | | | 1? | ?? |
| ?? / ?? | | | | | | | | | | | | | | | | | | | | | ? | 74 |
| / ?1 | | | | | | | | | | | | | | | | | | | | | 7 | 1 ? |
| / | | | | | | | | | | | | | | | | | | | | | | ? |
| / ?? | | | | | | | | | | | | | | | | | | | | | | 71 |
| / ?? | | | | | | | | | | | | | | | | | | | | | | ?? |
| / ?? | | | | | | | | | | | | | | | | | | | | | | 47 |
| ? / ?1 | | | | | | | | | | | | | | | | | | | | | | ?? |
| / 1? | | | | | | | | | | | | | | | | | | | | | | ?? |
| / 17 | | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...CENTRAL CLIMATOLOGY BRANCH
...USAFETAC
...WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...24 | ...AVIANO/ITALY AFB AT | 75-84 | MAY
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | | 13 |
| ... | | | | | | | | | | | | | | | | | | | | | | 17 |
| ... | | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | | - |
| ... | 1.2 | 2.3 | 2.2 | 4.4 | 10.4 | 15.6 | 17.8 | 17.7 | 15.6 | 9.6 | 7.1 | .5 | .2 | | | | | | 930 | 43 | 930 | 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. | 1344822 | 32626 | 35.1 | 14.864 | 930 | | | | | | | |
| Dry Bulb | 3442516 | 56270 | 60.5 | 6.386 | 930 | | | 14.3 | 2.0 | .2 | | 17 |
| Wet Bulb | 20 3296 | 43422 | 46.7 | 5.272 | 930 | | .7 | | | | | 1 |
| Dew Point | 1782?1 | 24685 | 30.1 | 10.031 | 930 | | 56. | | | | | 3 |

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JUL 68

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

# PSYCHROMETRIC SUMMARY

| 72274 | ...AVIS-M...THAN AFB AZ | 75-84 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 ...0Z-...Z
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 | .2 | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | .1 | .2 | .1 | .1 | | | | | | | | | | | | |
| ... | | | | | | | | | .1 | | .1 | .1 | .1 | .2 | .4 | | | | | | | | | | | | |
| ... | | | | | | | | | | | .6 | .1 | .4 | .2 | .1 | | | | | | | | | | | | |
| 7... | | | | | | | | | | .3 | .3 | .2 | .5 | .4 | .2 | | | | | | | | | | | | |
| ... | | | | | | | | .1 | .2 | .2 | .4 | 1.3 | 1.8 | .7 | .1 | | | | | | | | | | | | |
| ... | | | | | | | | .7 | .5 | .2 | 1.1 | 1.1 | 1.4 | .1 | | | | | | | | | | | | | |
| ... | | | | | | .3 | .2 | .5 | 1.4 | 1.0 | 1.5 | 1.4 | .5 | .1 | | | | | | | | | | | | | |
| ... | | | | .1 | | | .2 | 1.1 | 1.3 | 1.5 | 2.4 | 2.2 | .2 | | | | | | | | | | | | | | |
| ... | | | | | .2 | .2 | .2 | .6 | .9 | 2.5 | 3.1 | .6 | | | | | | | | | | | | | | | |
| ... | | | | .1 | .1 | .5 | .2 | 1.2 | 1.7 | 3.2 | 1.7 | .3 | | | | | | | | | | | | | | | |
| ... | | | .3 | .2 | .1 | .6 | 1.0 | 1.4 | 3.4 | 3.2 | 1.1 | .1 | | | | | | | | | | | | | | | |
| ... | | | .3 | | .3 | .2 | 1.3 | 2.0 | 2.6 | 1.1 | .2 | | | | | | | | | | | | | | | | |
| ... | | .1 | .3 | .2 | .2 | 1.3 | .2 | 1.9 | 1.2 | 1.3 | .2 | | | | | | | | | | | | | | | | |
| ... | | .1 | .1 | .2 | .3 | 1.2 | 1.1 | 2.7 | 1.3 | .4 | | | | | | | | | | | | | | | | | |
| ... | | | .2 | .3 | | .4 | 1.7 | 1.2 | 1.0 | .2 | | | | | | | | | | | | | | | | | |
| ... | | | .1 | .2 | .2 | .2 | 1.1 | .8 | .4 | | | | | | | | | | | | | | | | | | |
| ... | | .1 | .4 | .2 | .2 | .6 | .4 | .2 | .2 | | | | | | | | | | | | | | | | | | |
| ... | | .4 | .1 | .1 | .4 | | | .2 | .1 | | | | | | | | | | | | | | | | | | |
| ... | | | .2 | .4 | .4 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | .1 | | .1 | | | | | | | | | | | | | | | | | | | |
| ... | | | | .1 | | | | .1 | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72[illegible] WILLIAM AMAN AFB AL 74-84 SEP
STATION STATION NAME YEARS MONTH

[illegible] 0000-2400
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | [illegible] | 1. | 2.[illegible] | 3.2 | 6.[illegible] | 9. | 14. | 5 | 16. | 7 | 1[illegible] | 9.[illegible] | 4 | 12. | 9 | [illegible] | 3 | 5. | 5 | 2.[illegible] | 1. | [illegible] | 93 | 936 | [illegible] |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1165[illegible] | 3[illegible]15 | 32.3 | 14.649 | 930 | | | | | | | |
| Dry Bulb | 3[illegible]7949 | [illegible]233 | 64.6 | 7.823 | 930 | | | 38.5 | 14.6 | 2.7 | | [illegible] |
| Wet Bulb | 22 2701 | 45603 | 49. | 5.345 | 930 | | .7 | | | | | [illegible] |
| Dew Point | 10 2326 | [illegible]970 | 32.2 | 9.538 | 930 | | 52.8 | | | | | [illegible] |

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

L CAL CLIMATOLOGY BRANCH
AFETAC
AI WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

02745 | DAVIS-MONTHAN AFB AZ | 75-34 | APR
STATION | STATION NAME | YEARS | MONTH

[illegible] | 0600-1100
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | | | | | | | .2 | | | | |
| [illegible] | | | | | | | | | | | | | | | | .2 | .2 | 6 | | | |
| [illegible] | | | | | | | | | | | | | | | .3 | .2 | .4 | 11 | 12 | | |
| [illegible] | | | | | | | | | | | | | | .3 | .2 | .2 | .1 | 13 | 13 | | |
| [illegible] | | | | | | | | | | | | .1 | .1 | .2 | .3 | .4 | 1.0 | 23 | 23 | | |
| [illegible] | | | | | | | | | | | | .1 | | .2 | .3 | 1.3 | 1.4 | 36 | 37 | | |
| [illegible] | | | | | | | | | | | | .2 | .6 | .6 | 1.0 | 3.6 | .2 | 56 | 56 | | |
| [illegible] | | | | | | | | | | | .2 | .6 | .6 | 1.4 | 3.3 | 1.7 | | 74 | 74 | | |
| [illegible] | | | | | | | | | | .1 | .4 | 1.0 | .2 | 3.1 | 3.5 | .9 | | 89 | 88 | | |
| [illegible] | | | | | | | | | | .4 | 1.0 | 1.6 | 1.8 | 4.6 | 1.4 | | | 111 | 111 | | |
| 7 / 77 | | | | | | | | | .4 | .4 | .2 | 1.8 | 3.3 | 2.4 | .8 | | | 65 | 64 | | |
| [illegible] | | | | | | | .1 | | .3 | 1.1 | 1.7 | 1.9 | 3.3 | 1.7 | | | | 53 | 52 | | |
| [illegible] | | | | | | .1 | .2 | .3 | .4 | 1.2 | 1.3 | 2.0 | 2.6 | .6 | | | | 70 | 69 | | |
| [illegible] | | | | | | | .2 | .1 | .6 | .5 | 2.4 | 2.2 | 1.6 | | | | | 71 | 71 | | |
| [illegible] | | | | | .1 | .1 | | .2 | .6 | .9 | 1.5 | .6 | .1 | | | | | 45 | 47 | | |
| 4 / 67 | | | | .1 | .3 | | .2 | .2 | .9 | 1.1 | .5 | .6 | .1 | | | | | 39 | 38 | | |
| [illegible] | | | | | | .1 | .4 | .2 | .4 | .9 | .3 | .4 | | | | | | 27 | 27 | 11 | |
| [illegible] | | | | | | .1 | .1 | .3 | .4 | .4 | | | | | | | | 19 | 19 | 20 | |
| [illegible] | | | | | | .4 | .4 | .6 | .3 | .1 | .4 | | | | | | | 2 | 2 | 40 | |
| [illegible] | | | | | .2 | .3 | .2 | .5 | | | .2 | | | | | | | 14 | 14 | 69 | |
| 7 57 | | | | | | | | | | | | | | | | | | | | 110 | |
| 5 / 55 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 156 | 5 |
| [illegible] | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 176 | 5 |
| [illegible] | | .2 | | .1 | | | | | | | | | | | | | | 4 | 4 | 147 | 7 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 91 | 2 |
| [illegible] | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 43 | 27 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 17 | 41 |
| 4 / 43 | | | | | | | | | | | | | | | | | | | | 5 | 35 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 3 | 43 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| 2 / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 0 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 16 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 127 |

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

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

2

L-AL CLIMATOLOGY BRANCH
AFETAC
A[illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | MAY MONTH

[illegible] 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] | | | | | | | | | | | | | | | | | | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | |
| / [illegible]1 | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible]54 43 | [illegible]2 243 | 21.[illegible] | 11.[illegible]49 | 930 | | | | | | | |
| Dry Bulb | 5579021 | 71667 | 77.1 | 7.845 | 930 | | | 24.4 | 8.9 | 3[illegible].6 | 1.9 | [illegible] |
| Wet Bulb | 2763283 | 50536 | 54.3 | 4.299 | 930 | | | .2 | | | | 3 |
| Dew Point | 1[illegible]56 6 | 30406 | 32.[illegible] | 8.534 | 930 | | 52.[illegible] | | | | | 57 |

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

2

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

# PSYCHROMETRIC SUMMARY

...94 | ...SVILLE-MCNIHAN AFB AZ | 75-84 | ...DEC
STATION | STATION NAME | YEARS | MONTH

...E 1 | 1...-14
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /135 | | | | | | | | | | | | | | | | | •1 | 1 | 1 | | |
| ...1 | | | | | | | | | | | | | | | | | • | | | | |
| | | | | | | | | | | | | | •1 | | | | • | | | | |
| ... | | | | | | | | | | | | | | | | | ...5 | 27 | 27 | | |
| ... | | | | | | | | | | | | | | | ...3 | | ...3 | 36 | 36 | | |
| ... | | | | | | | | | | | | | | | | ...4 | ...2 | 26 | 26 | | |
| ...31 | | | | | | | | | | | | | | | ...2 | ...4 | ...7 | 41 | 41 | | |
| ... | | | | | | | | | | | | | | ...5 | ...5 | 1...2 | 6•1 | 79 | 79 | | |
| ... | | | | | | | | | | | | | ...6 | ...3 | 1...3 | 3•4 | 3•7 | 47 | 47 | | |
| ... | | | | | | | | | | | | | ...4 | 1•1 | 2•7 | 5•5 | •6 | 67 | 67 | | |
| ... | | | | | | | | | | | •1 | •3 | ...6 | 1•6 | 4•2 | 4•1 | | 1 2 | 1... | | |
| ... | | | | | | | | | | | ...2 | •4 | 1•1 | 2•4 | 4•9 | ...5 | | ... | ... | | |
| ... | | | | | | | | | ...1 | •1 | ...5 | ...9 | 1•... | 3•... | 2•4 | | | 76 | 76 | | |
| 7 / 77 | | | | | | | | •1 | | •3 | •5 | 1•3 | 1•2 | 2•4 | •9 | | | ...2 | ...2 | | |
| ... | | | | | | | ...2 | •1 | 1 | •5 | •4 | •6 | •9 | 1•7 | | | | 47 | 47 | 1 | |
| ... | | | | | | | ...4 | •2 | ...2 | •1 | ...5 | 1•1 | •5 | ...9 | | | | 25 | 25 | | |
| ... | | | | | | | ...4 | •1 | ...2 | ...2 | ...5 | ...9 | ...5 | •1 | | | | ...5 | ...5 | | |
| ... | | | | | | | | •3 | •1 | •4 | ...5 | ...3 | ...2 | | | | | ...3 | ...3 | | |
| ... | | | | | | | | •2 | ...3 | ...5 | •1 | ...2 | •1 | | | | | 15 | 15 | 4 | |
| ... | | | | | | | ...1 | ...1 | ...1 | •4 | •1 | ...2 | | | | | | 11 | 13 | 13 | 1 |
| ... | | | | | | •1 | ...2 | | ...1 | | | | | | | | | ...2 | ...2 | 42 | |
| ... | | | | | | •1 | | | ...1 | | | | | | | | | ...4 | ...4 | 73 | |
| ... | | •1 | | | | •... | | | | | | | | | | | | ...3 | ...3 | 171 | |
| ... | | | | | | | ...1 | | | | | | | | | | | 1 | 1 | 232 | |
| ... | | | | | | •1 | | | | | | | | | | | | 1 | 1 | 1...6 | ...3 |
| ... | | | | | | | | | | | | | | | | | | | | 171 | 3 |
| ... | | •1 | | | | | | | | | | | | | | | | 1 | 1 | 89 | |
| ... | | •... | | | | | | | | | | | | | | | | ...2 | ...2 | 36 | 11 |
| ... | | | | | | | | | | | | | | | | | | | | 13 | ...7 |
| ... | | | | | | | | | | | | | | | | | | | | ...2 | ...4 |
| ... | | | | | | | | | | | | | | | | | | | | ...1 | ...2 |
| ... | | | | | | | | | | | | | | | | | | | | | ... |
| ... | | | | | | | | | | | | | | | | | | | | | ...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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

NAVAL CLIMATOLOGY BRANCH
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AVIANO (ITALY) AFB AT STATION NAME | 70-84 YEARS | MAY MONTH

PART I | 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 Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 90 | | | | | | | | | | | | | | | | | | | | 3 |
| / 88 | | | | | | | | | | | | | | | | | | | | 71 |
| / 86 | | | | | | | | | | | | | | | | | | | | 1 1 |
| / 84 | | | | | | | | | | | | | | | | | | | | 11 |
| / 82 | | | | | | | | | | | | | | | | | | | | 11 |
| / 80 | | | | | | | | | | | | | | | | | | | | 4 |
| / 78 | | | | | | | | | | | | | | | | | 1 | | | 7 |
| / 76 | | | | | | | | | | | | | | | | | | | | 41 |
| / 74 | | | | | | | | | | | | | | | | | | | | 2 |
| / 72 | | | | | | | | | | | | | | | | | | | | 1 |
| / 70 | | | | | | | | | | | | | | | | | | | | 3 |
| / 68 | | | | | | | | | | | | | | | | | | | | 3 |
| / 66 | | | | | | | | | | | | | | | | | | | | 1 |
| | .0 | | .0 | .0 | 1.2 | 1.4 | 7.7 | 9.2 | 6.1 | 7.3 | 14.4 | 17.3 | 16.7 | 27.2 | | | | 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. | 433234 | 15512 | 16.7 | 8.956 | 930 | | | | | | | |
| Dry Bulb | 655235 | 77761 | 83.5 | 8.098 | 930 | | | 92.5 | 84.4 | 67.4 | 11.5 | 93 |
| Wet Bulb | 259034 | 52511 | 56.5 | 4.271 | 930 | | | .5 | .1 | | | 93 |
| Dew Point | 98274 | 29561 | 31.8 | 7.471 | 930 | | 58.4 | | | | | 93 |

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

...AL CLIMATOLOGY ...ANCH
...FETAC
A... ...EAT ER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72274... ...ANTO-MONTHAN AFB AZ | 75-84 | MAY
STATION | STATION NAME | YEARS | MONTH

PART 1 | 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | | | |
| /103 | | | | | | | | | | | | | | | | | .1 | | | | | | 5 | | | |
| /101 | | | | | | | | | | | | | | | | | 1.5 | | | | | | 15 | | | |
| /99 | | | | | | | | | | | | | | | | | 1.5 | | | | | | 17 | | | |
| /97 | | | | | | | | | | | | | | | | .1 | 3. | | | | | | 34 | | | |
| /95 | | | | | | | | | | | | | | | | | 3.4 | | | | | | 35 | | | |
| /93 | | | | | | | | | | | | | | | | .1 | 7.4 | | | | | | 7... | | | |
| /91 | | | | | | | | | | | | | | | .5 | .2 | 7.8 | | | | | | 82 | | | |
| /89 | | | | | | | | | | | | | | .5 | .5 | 1.7 | 6.3 | | | | | | 3... | | | |
| /87 | | | | | | | | | | | | | .1 | .2 | 1.9 | 4.5 | 3.3 | | | | | | 95 | | | |
| /85 | | | | | | | | | | | | .1 | .5 | .6 | 2.2 | 8.1 | .4 | | | | | | 111 | 111 | | |
| /83 | | | | | | | | | | | .1 | | .6 | 1.7 | 2.7 | 4.2 | | | | | | | 75 | | | |
| /81 | | | | | | | | | | .1 | .3 | .5 | .4 | 3.2 | 4.2 | .5 | | | | | | | 85 | | | |
| /79 | | | | | | | | | | | .3 | 1.1 | 1.0 | 2.1 | 2.2 | | | | | | | | 58 | | | |
| 7 /77 | | | | | | | | | | | .6 | .3 | 1.5 | 1.4 | .5 | | | | | | | | 42 | | | |
| /75 | | | | | | | | | | .5 | .2 | .3 | .9 | .5 | | | | | | | | | 25 | | | |
| /73 | | | | | | | | | .1 | .1 | .6 | .4 | .8 | .4 | | | | | | | | | 28 | | | |
| /71 | | | | | | .1 | | | .5 | .2 | .6 | .6 | .1 | | | | | | | | | | 12 | | | |
| /69 | | | | | | .1 | | .1 | | .3 | .5 | .2 | .2 | | | | | | | | | | 14 | | | |
| /67 | | | | | | | .1 | .2 | .1 | .1 | .1 | .3 | .1 | | | | | | | | | | 13 | 13 | 4 | |
| /65 | | | | | | | . | .2 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 24 | |
| /63 | | | .1 | | | | .1 | .1 | | .2 | | | | | | | | | | | | | 3 | 3 | 45 | |
| /61 | | | | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 77 | |
| /59 | | .2 | | | | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 172 | |
| /57 | | | | | | | | | | | | | | | | | | | | | | | | | 227 | 2 |
| /55 | | | .2 | | | | | | | | | | | | | | | | | | | | 2 | 2 | 194 | 2 |
| 53 | | | .1 | | | | | | | | | | | | | | | | | | | | 1 | 1 | 177 | 1 |
| /51 | | | | | | | | | | | | | | | | | | | | | | | | | 55 | 4 |
| /49 | | .2 | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 24 | 5 |
| /47 | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 12 |
| /45 | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| /43 | | | | | | | | | | | | | | | | | | | | | | | | | | 23 |
| /41 | | | | | | | | | | | | | | | | | | | | | | | | | | 33 |
| /39 | | | | | | | | | | | | | | | | | | | | | | | | | | 42 |
| /37 | | | | | | | | | | | | | | | | | | | | | | | | | | 43 |

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

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

...TAL CLIMATOLOGY BRANCH
...ETAC
A... WEATH... SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...945 STATION | ...AVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | MAY MONTH

... 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... 35 | | | | | | | | | | | | | | | | | | | | | 7 |
| 3... 33 | | | | | | | | | | | | | | | | | | | | | 21 |
| ... 31 | | | | | | | | | | | | | | | | | | | | | 16 |
| ... 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... 27 | | | | | | | | | | | | | | | | | | | | | 11 |
| ... 25 | | | | | | | | | | | | | | | | | | | | | |
| ... 23 | | | | | | | | | | | | | | | | | | | | | |
| ... 21 | | | | | | | | | | | | | | | | | | | | | |
| ... 19 | | | | | | | | | | | | | | | | | | | | | 17 |
| ... 17 | | | | | | | | | | | | | | | | | | | | | |
| 1... 15 | | | | | | | | | | | | | | | | | | | | | |
| ... 13 | | | | | | | | | | | | | | | | | | | | | |
| ... 11 | | | | | | .3 | | .6 | .9 | 1.7 | 3.5 | 4.1 | 5.7 | 11.4 | 14.3 | 19.2 | 36.3 | | 97... | 93... | 53... |

| 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. | 515334 | 14719 | 15.3 | 9.437 | 931 | | | | | | | |
| Dry Bulb | 6365.6 | 7976 | 65.3 | 8.336 | 93... | | | 57.3 | 26.2 | 13.9 | 1.6 | ... |
| Wet Bulb | 704923 | 53000 | 57.1 | 3.614 | 93... | | | .4 | | | | 5... |
| Dew Point | ...8315... | 29593 | 31.... | 6.686 | 93... | | 53.9 | | | | | ... |

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | [illegible] |

PAGE 2 — HOURS (L. S. T.): 1[illegible]-[illegible]

| Temp. (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]/101 | | | | | | | | | | | | | | | | | .[illegible] | 2 | [illegible] | | |
| [illegible]/99 | | | | | | | | | | | | | | | | | 1. | [illegible] | [illegible] | | |
| [illegible]/97 | | | | | | | | | | | | | | | | | 1. | 1[illegible] | 1[illegible] | | |
| [illegible]/95 | | | | | | | | | | | | | | | | | 1.[illegible] | 15 | 1[illegible] | | |
| [illegible]/93 | | | | | | | | | | | | | | | | .1 | 2.[illegible] | 24 | [illegible]4 | | |
| [illegible]/91 | | | | | | | | | | | | | | .[illegible] | .1 | .4 | 4.4 | 45 | 4[illegible] | | |
| [illegible]/89 | | | | | | | | | | | | | | .4 | .7 | .6 | 4.7 | 56 | 5[illegible] | | |
| [illegible]/87 | | | | | | | | | | | | .1 | .2 | .[illegible] | .3 | 2.3 | 3.[illegible] | [illegible]6 | [illegible] | | |
| [illegible]/85 | | | | | | | | | | | | .6 | .3 | .4 | 1.7 | 5.1 | .[illegible] | [illegible]1 | [illegible] | | |
| [illegible]/83 | | | | | | | | | | | | .1 | .4 | .9 | 3.7 | 4.4 | | [illegible] | [illegible] | | |
| [illegible]/81 | | | | | | | | | | .1 | .[illegible] | .6 | .9 | 2.2 | 5.3 | .4 | | [illegible] | [illegible] | | |
| [illegible]/79 | | | | | | | | | | .2 | .[illegible] | .5 | 1.5 | 2.9 | 3.3 | .1 | | [illegible] | [illegible] | | |
| 7[illegible]/77 | | | | | | | | | .1 | .3 | .5 | 1.1 | 2.[illegible] | 3.[illegible] | 1.6 | | | [illegible] | [illegible] | | |
| [illegible]/75 | | | | | | | | .1 | .1 | .3 | .[illegible] | 1.4 | 1.7 | 1.7 | | | | [illegible]1 | [illegible]1 | | |
| [illegible]4/73 | | | | | | | .1 | .2 | .2 | .3 | 1.[illegible] | 1.1 | 1.9 | .9 | | | | [illegible]3 | [illegible] | | |
| [illegible]/71 | | | | | | | | .1 | .8 | .5 | .[illegible] | 1.0 | 1.3 | | | | | 41 | 41 | | |
| [illegible]/69 | | | | | | .1 | .1 | .6 | .5 | .8 | .[illegible] | .6 | .2 | | | | | [illegible] | [illegible] | | |
| [illegible]/67 | | | | | | .1 | .[illegible] | .1 | .6 | .5 | .[illegible] | .2 | .2 | | | | | [illegible] | [illegible] | | |
| [illegible]/65 | | | | | | .[illegible] | .2 | .2 | .1 | .2 | .2 | .2 | | | | | | 14 | 14 | 9 | |
| [illegible]/63 | | | .[illegible] | | | | .[illegible] | .1 | .1 | .1 | | .1 | | | | | | [illegible] | [illegible] | [illegible]6 | |
| [illegible]/61 | | .1 | | | | | .1 | | | .2 | | .1 | | | | | | [illegible] | [illegible] | [illegible] | |
| [illegible]/59 | | | | | | .1 | .1 | .1 | | .1 | | | | | | | | 4 | 4 | 9[illegible] | 1 |
| [illegible]/57 | | | | | | | | | | | | | | | | | | | | 157 | [illegible] |
| [illegible]/55 | | | | .1 | .3 | | | | | | | | | | | | | 4 | 4 | 197 | 1 |
| [illegible]4/53 | | | .[illegible] | | | | | | | | | | | | | | | [illegible] | 2 | 147 | 4 |
| [illegible]/51 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11[illegible] | [illegible] |
| [illegible]/49 | | .[illegible] | | | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible]2 | 11 |
| [illegible]/47 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible]/45 | | | | | | | | | | | | | | | | | | | | [illegible]1 | [illegible] |
| [illegible]4/43 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible]/41 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible]/39 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/37 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/35 | | | | | | | | | | | | | | | | | | | | | [illegible] |

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

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

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...ETAC
...HER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... / 55 | | | | | | | | | | | | | | | | | | | | | |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | |
| ... / | | | | | | | | | | | | | | | | | | | | | |
| ... / 2 | | | | | | | | | | | | | | | | | | | | | |
| ... / 5 | | | | | | | | | | | | | | | | | | | | | |
| ... / 2 | | | | | | | | | | | | | | | | | | | | | |
| // 1 | | | | | | | | | | | | | | | | | | | | | |
| ... / 1 | | | | | | | | | | | | | | | | | | | | | |
| ... / 1 | | | | | | | | | | | | | | | | | | | | | |
| ... / 1 | | | | | | | | | | | | | | | | | | | | | |
| ... / 10 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| ... / | | | | | | | | | | | | | | | | | | | | | |
| TOT. | .2 | .1 | .1 | .3 | .5 | 1.3 | 1.5 | 2.6 | 4.2 | 5.7 | 7.8 | 11.2 | 14.1 | 16.2 | 19.2 | 21.2 | | | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4 96... | 1...32 | 19.1 | 10.633 | 930 | | | | | | | |
| Dry Bulb | 6137.79 | 75157 | 80.8 | 8.316 | 930 | | | 89.0 | 75.5 | 54.2 | 6.2 | |
| Wet Bulb | 2...09... | ...1354 | 55.2 | 4.943 | 930 | | | | | | | |
| Dew Point | ...573... | 26...10 | 31.1 | 7.935 | 930 | | 61.2 | | | | | |

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

[illegible] AL CLIMATOLOGY [illegible] ANCH
[illegible] TAC
A[illegible] WEAT[illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible] AFB A[illegible] | 75-84 | [illegible] |

[illegible] 1 HOURS (L.S.T.): [illegible]

| Temp. (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] | | | | | | | | | | | | | | | | | [illegible] | [illegible] | | | |
| [illegible] | | | | | | | | | | | | | | .1 | | .3 | .[illegible] | [illegible] | | | |
| [illegible] | | | | | | | | | | | | | | .[illegible] | .4 | .4 | .[illegible] | 11 | 1[illegible] | | |
| [illegible] | | | | | | | | | | | | | .1 | | .3 | .6 | .[illegible] | 12 | 1[illegible] | | |
| [illegible] | | | | | | | | | | | .1 | .4 | .5 | .7 | 1.3 | .[illegible] | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | .1 | .4 | .5 | .3 | 2.7 | 1.8 | | | 44 | 44 | | |
| [illegible] | | | | | | | | .1 | .1 | .2 | .5 | .5 | .9 | 1.[illegible] | 1.6 | | | [illegible] | [illegible] | | |
| [illegible] 77 | | | | | | | | | .[illegible] | .6 | .6 | .9 | 1.4 | 3.4 | 1.7 | | | 3 | [illegible] | | |
| [illegible] | | | | | | .1 | .1 | .2 | .6 | .5 | 1.[illegible] | 2.3 | 3.[illegible] | 2.6 | | | | 11[illegible] | 11[illegible] | | |
| [illegible] | | | | | | .1 | .[illegible] | .3 | .[illegible] | .[illegible] | 1.6 | 2.4 | 3.3 | .[illegible] | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | .5 | 1.1 | .5 | 2.3 | 3.1 | 3.0 | | | | | 1[illegible] | 1[illegible] | | |
| [illegible] | | | | | | .[illegible] | .[illegible] | 1.5 | 1.2 | 1.6 | 2.0 | 3.7 | .9 | | | | | 1[illegible]4 | 1[illegible]4 | | |
| [illegible] 67 | | | | | .[illegible] | .1 | .1 | .5 | 1.1 | 2.2 | 2.5 | 1.[illegible] | | | | | | [illegible] | [illegible] | 1 | |
| [illegible] | | | .[illegible] | | | .2 | .[illegible] | .6 | 1.7 | 1.[illegible] | 1.7 | .9 | | | | | | [illegible] | 7[illegible] | [illegible] | |
| [illegible] | | | | | .[illegible] | .[illegible] | .4 | .6 | 1.0 | 1.1 | .[illegible] | .2 | | | | | | 4[illegible] | 4[illegible] | 7 | |
| [illegible] | | .[illegible] | .1 | | | .1 | .[illegible] | .2 | 1.[illegible] | .5 | .4 | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | .1 | | .1 | .2 | .2 | .[illegible] | .3 | .[illegible] | .1 | .7 | | | | | | | [illegible]2 | [illegible] | 45 | 1 |
| [illegible] 57 | | | | .[illegible] | .1 | .2 | .1 | .2 | .1 | .4 | .1 | | | | | | | [illegible]4 | 14 | [illegible] | 4 |
| [illegible] | | | | .1 | .2 | .1 | .1 | | | .2 | | | | | | | | 7 | 7 | 1[illegible]7 | |
| [illegible] | | | | .[illegible] | | | .1 | | .1 | | | | | | | | | 4 | [illegible] | 14[illegible] | 7 |
| [illegible] | | .7 | .[illegible] | | | | | | | | | | | | | | | | | 177 | [illegible] |
| [illegible] | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1[illegible] | 17 |
| [illegible] 47 | | | | | | | | | | | | | | | | | | | | 114 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | 4[illegible] |
| [illegible] 41 | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 6 | 34 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | 4[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 8 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7[illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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[illegible] AL CLIMATOLOGY [illegible]
[illegible]
[illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]-MONTHAN AFB AZ | [illegible] | [illegible] |

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

| Temp. (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] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1[illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 11.4 | [illegible] | [illegible] | 1.1 | [illegible] | [illegible] | | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | [illegible] | 24.[illegible] | 12.739 | 93[illegible] | | | | | | | |
| Dry Bulb | [illegible] | 671[illegible] | 72.[illegible] | 7.[illegible]96 | 93[illegible] | | | 73.7 | 45.[illegible] | 1[illegible] | | [illegible] |
| Wet Bulb | [illegible] | [illegible] | 51.[illegible] | 4.539 | 93[illegible] | | | .1 | | | | [illegible] |
| Dew Point | [illegible] | 28[illegible] | 31.1 | 9.632 | 93[illegible] | | 5[illegible] | | | | | [illegible] |

(Mean No. of Hours with Temperature: ≤ 0 F, ≤ 32 F, ≥ 67 F, ≥ 73 F, ≥ 80 F, ≥ 93 F, Total)

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

2

# PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ 75-84 YEARS _____ MONTH _____

HOURS (L. S. T.) ALL

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | .1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | | .1 | 2 | 25 | | | | | | | |
| | | | | | | | | | | | | | .2 | | | | .1 | | | | | | | | | |
| | | | | | | | | | | | | | | | | .2 | 1.0 | 75 | 74 | | | | | | | |
| | | | | | | | | | | | | | | | .2 | .1 | 1.1 | 82 | 82 | | | | | | | |
| | | | | | | | | | | | | | | | | .1 | 1.7 | 141 | 141 | | | | | | | |
| | | | | | | | | | | | | | | .1 | .2 | .2 | 2.4 | 276 | 276 | | | | | | | |
| | | | | | | | | | | | | .2 | .6 | .2 | .2 | .2 | 2.4 | 246 | 246 | | | | | | | |
| | | | | | | | | | | | | .2 | .1 | .3 | .4 | 1.6 | 1.6 | 293 | 293 | | | | | | | |
| | | | | | | | | | | | | .1 | .3 | .4 | 1.0 | 2.0 | .3 | 359 | 359 | | | | | | | |
| | | | | | | | | | | | .1 | .2 | .4 | .2 | 1.9 | 1.9 | | 359 | 359 | | | | | | | |
| | | | | | | | | | | .1 | .2 | .5 | .4 | 1.2 | 2.5 | .2 | | 423 | 423 | | | | | | | |
| | | | | | | | | .2 | .6 | .1 | .4 | .6 | .2 | 2.3 | 1.4 | .2 | | 415 | 415 | | | | | | | |
| | | | | | | | | .2 | .1 | .4 | .4 | .7 | 1.2 | 1.2 | .7 | | | 406 | 406 | | | | | | | |
| | | | | | | .2 | .2 | .1 | .2 | .5 | .6 | 1.2 | 1.6 | 1.2 | .2 | | | 399 | 396 | 1 | | | | | | |
| | | | | | | .1 | .1 | .2 | .3 | .4 | .2 | 1.2 | 1.5 | .5 | | | | 376 | 376 | | | | | | | |
| | | | | | .1 | .1 | .1 | .2 | .3 | .4 | 1.2 | 1.5 | 1.1 | .2 | | | | 411 | 411 | | | | | | | |
| | | | | .1 | .1 | .1 | .2 | .6 | 1.2 | 1.3 | 1.3 | 1.4 | .3 | | | | | 403 | 403 | | | | | | | |
| | | | | .3 | .1 | .1 | .2 | .5 | .7 | 1.3 | 1.5 | .5 | .1 | | | | | 411 | 411 | 11 | | | | | | |
| | | | .1 | .3 | .1 | .3 | .6 | .5 | 1.1 | 1.7 | 1.3 | .4 | | | | | | 443 | 443 | 46 | 1 | | | | | |
| | | | .1 | .3 | .1 | .4 | .6 | .7 | 1.4 | 1.5 | .6 | .1 | | | | | | 421 | 421 | 152 | | | | | | |
| | | .1 | .1 | .1 | .1 | .3 | .5 | .7 | 1.2 | .9 | .3 | .1 | | | | | | 359 | 358 | 1 | | | | | | |
| | | .1 | .1 | .1 | .2 | .5 | .5 | .9 | .5 | .6 | .2 | | | | | | | 296 | 294 | 57 | 4 | | | | | |
| | | .1 | .1 | .1 | .1 | .3 | .7 | 1.1 | .5 | .3 | .1 | | | | | | | 251 | 251 | 39 | 1 | | | | | |
| | | | .1 | .1 | .1 | .2 | .5 | .5 | .5 | .2 | | | | | | | | 195 | 195 | 90 | 44 | | | | | |
| | | .1 | .2 | .1 | .2 | .3 | .6 | .3 | .2 | | | | | | | | | 143 | 143 | 41 | 6 | | | | | |
| | | .1 | .2 | .1 | .1 | .2 | .2 | .1 | .1 | | | | | | | | | 86 | 86 | 38 | 2 | | | | | |
| | | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | 65 | 65 | 74 | 12 | | | | | |
| | | .1 | .1 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | 28 | 28 | 62 | 19 | | | | | |
| | | .1 | .1 | .2 | | .2 | .1 | .1 | | | | | | | | | | 14 | 14 | 57 | 20 | | | | | |
| | | | | .1 | | | .1 | .2 | | | | | | | | | | 8 | 8 | 34 | 27 | | | | | |
| | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 23 | 24 | | | | | |
| | | | | | | | | | | | | | | | | | | | | 8 | 3 | | | | | |
| | | | | | | | | | | | | | | | | | | | | 4 | 2 | | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...274 — DAVIS-MONTHAN AFB AZ — 55-64 — MAY

STATION — STATION NAME — YEARS — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | | | | | 17 | 441 |
| 3 / 11 | | | | | | | | | | | | | | | | | | | | 11 | 537 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 67 |
| / | | | | | | | | | | | | | | | | | | | | 1 | 74 |
| / | | | | | | | | | | | | | | | | | | | | | 704 |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | |
| 2 / 11 | | | | | | | | | | | | | | | | | | | | | 42 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | 4 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 27 |
| / | | | | | | | | | | | | | | | | | | | | | |
| T | | .2 | . | .6 | 1.4 | 3.4 | 5. | 6.9 | 8.7 | 9.4 | 9. | 8.8 | 7.9 | 8.0 | 8.3 | 7.5 | 11.2 | 744 | 744 | 744 | 744 |

| Element (X) | $\Sigma_X^2$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5x155... | 1.1213 | 24.4 | 14.209 | 7440 | | | | | | | |
| Dry Bulb | 413151 7 | 547553 | 73.6 | 11.695 | 7440 | | | 517.1 | 389.6 | 250.0 | 37.2 | 744 |
| Wet Bulb | 206 655 7 | 39,977 | 52.4 | 5.983 | 7440 | | 1.2 | 1.2 | .1 | | | 744 |
| Dew Point | 001 24 | 234025 | 31.6 | 9.356 | 7440 | | 454.2 | | | | | 744 |

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

2

...AL CLIMATOLOGY BRANCH
...
...HAT ... SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...745 — STATION
AVIANO/MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
JUN — MONTH
PAGE 1
0000-2200 — 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 Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / [illegible] | | | | | | | | | | | | | | | .1 | | .1 | 2 | [illegible] | | |
| / 8 | | | | | | | | | | | | | .1 | .3 | .3 | | | 11 | 11 | | |
| / [illegible] | | | | | | | | | | | | | .1 | .3 | 1.1 | .4 | .1 | 23 | 23 | | |
| / [illegible] | | | | | | | | | | | | .4 | .6 | 1.1 | .6 | .9 | .1 | 32 | 32 | | |
| / [illegible] | | | | | | | | | | .2 | .3 | | .7 | 1.4 | .7 | .4 | | 34 | 34 | | |
| / 81 | | | | | | | | .3 | .3 | .4 | .3 | .8 | .9 | 1.2 | .8 | | | 44 | 44 | | |
| / 7[illegible] | | | | | | | .[illegible] | | .2 | .7 | .6 | 1.6 | 1.7 | 3.0 | .6 | | | [illegible] | [illegible] | | |
| 7 / 77 | | | | .1 | .1 | .1 | | | .7 | 1.0 | 1.8 | 2.3 | 2.7 | 1.8 | .3 | | | [illegible] | [illegible] | | |
| / 7[illegible] | | | | .1 | .2 | .[illegible] | .[illegible] | .3 | 1.2 | .6 | 1.[illegible] | 2.9 | 2.7 | 2.9 | | | | 112 | 112 | | |
| / [illegible] | | | | .4 | .2 | | | .2 | .8 | 1.7 | 1.7 | 3.1 | 3.0 | 1.3 | | | | 112 | 112 | | |
| / [illegible] | | | | | .3 | | .4 | .8 | .8 | 1.1 | 3.3 | 2.9 | 4.7 | .6 | | | | 134 | 134 | 1 | |
| / [illegible] | | | | .1 | .1 | .1 | .[illegible] | | .2 | 1.0 | 2.9 | 3.1 | 2.0 | | | | | 94 | 94 | 6 | |
| / 67 | | | | | .1 | | .1 | .1 | | .6 | 2.7 | 2.9 | .4 | | | | | 52 | 52 | 17 | [illegible] |
| / 65 | | | | | | .1 | | | .1 | .7 | 1.2 | 1.2 | | | | | | 30 | 30 | 12 | 5 |
| 67 / 63 | | | | .[illegible] | | | | | | .6 | .[illegible] | .1 | | | | | | 15 | 15 | 27 | 7 |
| / 61 | | | | .4 | | | | | .2 | .4 | .2 | | | | | | | 12 | 12 | 40 | 9 |
| / [illegible] | | | | | | | | .1 | | .1 | | | | | | | | [illegible] | [illegible] | 93 | 6 |
| / 57 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | 89 | [illegible] |
| 5 / 55 | | | | | | | | | | | | | | | | | | | | 92 | [illegible] |
| / 53 | | | | | | | | | | | | | | | | | | | | 129 | 14 |
| / 51 | | | | | | | | | | | | | | | | | | | | 126 | [illegible] |
| / 49 | | | | | | | | | | | | | | | | | | | | 125 | [illegible] |
| / 47 | | | | | | | | | | | | | | | | | | | | 121 | [illegible] |
| / 45 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| 47 / 43 | | | | | | | | | | | | | | | | | | | | 16 | 34 |
| / 41 | | | | | | | | | | | | | | | | | | | | 2 | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 44 |
| / 37 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 35 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 55 |
| / 31 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 27 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 25 | | | | | | | | | | | | | | | | | | | | | 43 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | 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 AUG 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 72[illegible]74[illegible] | DA[illegible]S-M[illegible]THAN AFB AZ | 75-84 | [illegible] |

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

| Temp. (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[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 21 | | | | | | | | | | | | | | | | | | | | | [illegible]7 |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | .1 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | 1.[illegible] | 1.1 | .7 | [illegible].6 | 1.9 | 4.6 | [illegible].1 | 16.[illegible] | 21.3 | 19.4 | 14.4 | 4.7 | 1.7 | .3 | 900 | 9[illegible] | 900 | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | 62[illegible]249 | 21159 | 23.[illegible] | 12.062 | 900 | | | | | | | |
| Dry Bulb | 5[illegible]628[illegible] | 67288 | 74.[illegible] | 5.979 | 900 | | | [illegible]4.[illegible] | 55.[illegible] | 1[illegible].7 | | [illegible] |
| Wet Bulb | 2[illegible]25[illegible]43 | 4[illegible]349 | 53.7 | 5.59[illegible] | 900 | | | 2.4 | | | | 9[illegible] |
| Dew Point | 10[illegible]8149 | [illegible]9639 | 32.9 | 11.653 | 900 | | 4[illegible].9 | .2 | | | | [illegible] |

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

2

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 2274 | [illegible]-MINIHAN AFB, SD | 75-84 | JUL |

PAGE 1 0300-0500 L

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | .1 | .1 | | .1 | .1 | .1 | | 4 | 4 | | |
| [illegible] | | | | | | | | | | .1 | .1 | .6 | 1.3 | .3 | | | | 14 | 14 | | |
| [illegible] | | | | | | | | | | .1 | .2 | .2 | .3 | .3 | | | | 12 | 12 | | |
| 77 | | | | | | .1 | .1 | .2 | .4 | .7 | .1 | .3 | .6 | .3 | .2 | | | 13 | 13 | | |
| 77 | | | | | | .1 | .1 | | .1 | .5 | .4 | 1.0 | 1.7 | .7 | .1 | | | 3 | 3 | | |
| 77 | | | | | .2 | .1 | | | 1.3 | .9 | 1.9 | 2.7 | .7 | . | | | | 77 | 77 | | |
| 73 | | | | .9 | .2 | | | .3 | .3 | 1.7 | 2.2 | 2.3 | 1.7 | .4 | | | | 55 | 55 | | |
| 71 | | | | .1 | | | .1 | 1.1 | 1.4 | 1.7 | 4.1 | 2.2 | 2.4 | .1 | | | | 127 | 127 | | |
| 69 | | | | .2 | .2 | | .1 | .7 | 1.6 | 2.4 | 3.4 | 3.2 | .9 | | | | | 132 | 132 | 2 | |
| 67 | | | | .1 | .1 | .9 | .2 | 1.3 | 1.6 | 3.3 | 4.3 | 4.4 | .4 | | | | | 145 | 143 | 21 | |
| 65 | | | | | .1 | .1 | .1 | .7 | 1.2 | 2.2 | 3.3 | 1.9 | | | | | | 26 | 25 | 12 | 1 |
| 63 | | | | | | .1 | | .4 | .6 | 1.7 | 2.9 | .2 | | | | | | 13 | 13 | 15 | 17 |
| 61 | | | | .1 | | | | .1 | 1.1 | 2.3 | .6 | | | | | | | 41 | 41 | 24 | 11 |
| 59 | | | | .4 | | | | .3 | .3 | 1.1 | | | | | | | | 1 | 1 | 38 | 6 |
| 57 | | | | .1 | | | | .1 | .4 | .1 | | | | | | | | 7 | 7 | 74 | 3 |
| 55 | | | | | | | | .1 | .2 | | | | | | | | | 5 | 5 | 62 | 4 |
| 53 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 102 | 4 |
| 51 | | | | | | | | | | | | | | | | | | | | 134 | 1 |
| 49 | | | | | | | | | | | | | | | | | | | | 105 | 34 |
| 47 | | | | | | | | | | | | | | | | | | | | 111 | 34 |
| 45 | | | | | | | | | | | | | | | | | | | | 112 | 23 |
| 43 | | | | | | | | | | | | | | | | | | | | 56 | 9 |
| 41 | | | | | | | | | | | | | | | | | | | | 14 | 47 |
| 39 | | | | | | | | | | | | | | | | | | | | 2 | 47 |
| 37 | | | | | | | | | | | | | | | | | | | | | 37 |
| 35 | | | | | | | | | | | | | | | | | | | | | 9 |
| 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 31 | | | | | | | | | | | | | | | | | | | | | 0 |
| 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 27 | | | | | | | | | | | | | | | | | | | | | 0 |
| 25 | | | | | | | | | | | | | | | | | | | | | 0 |
| 23 | | | | | | | | | | | | | | | | | | | | | 0 |
| 21 | | | | | | | | | | | | | | | | | | | | | 0 |

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

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

2

CL[illegible]AL CLIMATOLOGY [illegible]RANCH
[illegible]AFETAC
[illegible] [illegible]AT[illegible]N SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]AVIS-MO[illegible]THAN AFB AZ STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | 1e7 | e9 | 2e[illegible] | 2e[illegible] | 5e6 | 11 | 11 | 9e[illegible] | 23e[illegible] | 19e3 | 9e7 | 3e1 | e4 | e1 | | | | | | |

| 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. | 7 198 | 24 [illegible]80 | 26e[illegible] | 12.376 | 900 | | | | | | | |
| Dry Bulb | 44 27296 | 6 [illegible]27[illegible] | 7[illegible]e3 | 5e637 | 900 | | | 68e4 | 29e1 | 3e3 | | [illegible] |
| Wet Bulb | 2444[illegible]5 | 46615 | 51e[illegible] | 5e802 | 900 | | | 2e3 | | | | [illegible] |
| Dew Point | 10 15[illegible]7 | 2[illegible]34[illegible] | 32e[illegible] | 11e762 | 900 | | 48e6 | | | | | [illegible] |

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

2

...AL CLIMATOLOGY BRANCH
...LTAC
A... FOR SERVICE...AC

# PSYCHROMETRIC SUMMARY

...74 | AVIANO-MONTHAN AFB AZ | 75-84 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 0000-0300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ... | | | | | | | | | | | | | | .1 | | .2 | | 3 | 3 | | |
| ... | | | | | | | | | | | | .1 | .3 | .1 | .4 | .4 | .3 | 19 | 19 | | |
| ... | | | | | | | | | | | .1 | .1 | .2 | .4 | .7 | .4 | .6 | 23 | 23 | | |
| ... | | | | | | | | | | | .2 | .3 | .6 | .8 | 1.1 | .8 | .2 | 36 | 36 | | |
| ... | | | | | | | | | .1 | .4 | .1 | .9 | .3 | .9 | 1.3 | .6 | | 46 | 46 | | |
| ... | | | | | | | | .1 | .6 | .4 | .4 | 1.4 | 1.4 | 1.7 | 1.7 | .4 | | 74 | 74 | | |
| ... | | | | | | | .4 | .7 | .2 | .4 | .6 | 1.7 | 3.0 | 2.1 | 1.2 | | | 85 | 85 | | |
| 7 / 77 | | | | | | .2 | .1 | .2 | .3 | 1.4 | 1.7 | 1.8 | 2.9 | 1.6 | .4 | | | 113 | 113 | | |
| ... | | | | | .3 | .4 | .3 | .1 | .6 | .7 | 1.7 | 1.8 | 1.6 | 1.7 | | | | 83 | 83 | | |
| ... | | | | .2 | .1 | .2 | .1 | .1 | 1.3 | 1.9 | 2.7 | 2.7 | 2.6 | .6 | | | | 136 | 136 | | |
| ... | | | | | | | .1 | 1.3 | .8 | .9 | 2.9 | 2.3 | 1.9 | | | | | 89 | 89 | | |
| ... | | | | | .1 | | .3 | .4 | 1.0 | 1.1 | 1.3 | 1.6 | .4 | | | | | 68 | 63 | 4 | |
| ... | | | | .1 | | .2 | .4 | .4 | .9 | 1.6 | 1.3 | 1.1 | .3 | | | | | 59 | 53 | 20 | |
| ... | | | | | .3 | .1 | .2 | | .3 | .9 | 1.6 | .8 | | | | | | 41 | 41 | 26 | 7 |
| ... | | | | | | | | .2 | .4 | 1.1 | 1.3 | | | | | | | 28 | 28 | 20 | 4 |
| ... | | | | | .1 | | | .1 | .4 | .6 | .3 | | | | | | | 14 | 14 | 51 | 13 |
| ... | | | | .1 | | | | .2 | | .3 | .1 | | | | | | | 6 | 6 | 20 | 4 |
| ... | | | .1 | | | | | | 1 | .1 | | | | | | | | 2 | 2 | 112 | 25 |
| ... | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 126 | 13 |
| ... | | | | | | | | | | | | | | | | | | | | 136 | 6 |
| ... | | | | | | | | | | | | | | | | | | | | 116 | 22 |
| ... | | | | | | | | | | | | | | | | | | | | 99 | 34 |
| ... | | | | | | | | | | | | | | | | | | | | 66 | 7 |
| ... | | | | | | | | | | | | | | | | | | | | 40 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 16 | 27 |
| ... | | | | | | | | | | | | | | | | | | | | 6 | 56 |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| ... | | | | | | | | | | | | | | | | | | | | | 2 |
| ... | | | | | | | | | | | | | | | | | | | | | 67 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 67 |
| ... | | | | | | | | | | | | | | | | | | | | | 7 |
| ... | | | | | | | | | | | | | | | | | | | | | 43 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

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

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL 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 | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | .1 | .6 | .7 | 1.7 | 2.[illegible] | 3.9 | 7.4 | 11.9 | 17.0 | 16.9 | 15.4 | 13.4 | 7.2 | 2.9 | 1.2 | | | | | | |

| 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. | [illegible]2219 | 22467 | 25.[illegible] | 11.619 | 900 | | | | | | | |
| Dry Bulb | 5140762 | 67744 | 75.3 | 6.302 | 900 | | | 60.5 | 55.9 | 26.1 | .1 | |
| Wet Bulb | 2703295 | 49[illegible]73 | 54.[illegible] | 5.537 | 900 | | | 2.4 | | | | |
| Dew Point | 1208700 | 31496 | 35.0 | 10.894 | 900 | | 39.5 | | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

...STATION | AVIS-MORTHAN AFB AZ (STATION NAME) | 75-84 (YEARS) | ... (MONTH)

... | ...00-11 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1... | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| ../1 1 | | | | | | | | | | | | | | | | | | | | | |
| ... / 9 | | | | | | | | | | | | | | | | | 2.1 | 15 | 19 | | |
| ... / 87 | | | | | | | | | | | | | | | | .6 | 2.6 | 28 | 28 | | |
| ... / ... | | | | | | | | | | | | | | .7 | .1 | .1 | 5.9 | 57 | 57 | | |
| ... / 9... | | | | | | | | | | | | | | .8 | .8 | 1.0 | 7.2 | 83 | 83 | | |
| ... / ... | | | | | | | | | | | | .3 | .3 | .6 | 1.3 | 2.1 | 6.1 | 97 | 97 | | |
| ... / 8... | | | | | | | | | | | .4 | .3 | .4 | .5 | 1.9 | 3.0 | 6.9 | 115 | 115 | | |
| ... / 87 | | | | | | | | | | | .4 | .3 | .6 | 1.8 | 2.3 | 3.3 | 2.2 | 134 | 134 | | |
| ... / ... | | | | | | | | .1 | .1 | .7 | .3 | .9 | 1.1 | 2.0 | 3.3 | 5.2 | .2 | 135 | 135 | | |
| ... / ... | | | | | | | .1 | .2 | .6 | .1 | .2 | .9 | 2.2 | 2.6 | 2.9 | 1.6 | | 121 | 121 | | |
| ... / ... | | | | | | | | .1 | .2 | .1 | .9 | .7 | 1.8 | 2.4 | 2.2 | .3 | | 75 | 79 | | |
| ... / 7... | | | | | | .1 | .1 | .1 | | .1 | .2 | .9 | 1.0 | 1.2 | 1.1 | | | 45 | 49 | | |
| 7 / 77 | | | | | | | | | | .3 | .4 | .3 | .3 | .3 | .2 | | | 16 | 16 | | |
| ... / ... | | | | | | | | | .4 | .4 | .2 | .2 | .3 | .2 | | | | 17 | 17 | | |
| 4/ 73 | | | | | | | | | .2 | | .1 | .1 | .1 | | | | | 5 | 5 | | |
| 7 / 71 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | 2 | |
| ... / 69 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | 19 | |
| ... / 67 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | 32 | |
| 67 63 | | | | | | | | | | | | | | | | | | | | ... | |
| 67 63 | | | | | | | | | | | | | | | | | | | | 93 | ... |
| ... / 61 | | | | | | | | | | | | | | | | | | | | 155 | 4 |
| ... / 59 | | | | | | | | | | | | | | | | | | | | 190 | 10 |
| ... / 57 | | | | | | | | | | | | | | | | | | | | 179 | 13 |
| 5 / 55 | | | | | | | | | | | | | | | | | | | | 114 | 9 |
| 4/ 53 | | | | | | | | | | | | | | | | | | | | 49 | 17 |
| 2/ 51 | | | | | | | | | | | | | | | | | | | | 12 | 13 |
| ... / 5 | | | | | | | | | | | | | | | | | | | | 5 | 26 |
| ... / 47 | | | | | | | | | | | | | | | | | | | | | 26 |
| 4 / 45 | | | | | | | | | | | | | | | | | | | | | 37 |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | 48 |
| 2/ 41 | | | | | | | | | | | | | | | | | | | | | 55 |
| 3 / 39 | | | | | | | | | | | | | | | | | | | | | 64 |
| ... / 37 | | | | | | | | | | | | | | | | | | | | | 61 |

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

USAFETAC FORM 0-26.5 (OL A) JUN 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

22745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | MONTH

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] | | | | | | | | | | | | | | | | | | | | | | 1 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | | |
| / 31 | | | | | | | | | | | | | | | | | | | | | | 1 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| / 27 | | | | | | | | | | | | | | | | | | | | | | |
| / 21 | | | | | | | | | | | | | | | | | | | | | | 13 |
| / 1 | | | | | | | | | | | | | | | | | | | | | | |
| TOT | | | | | | 1. | 2. | 7. | 16. | 19. | 36. | 48. | 86. | 232. | 136. | 127. | 233. | 1. | 900 | [illegible] | [illegible] | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 536646 | 15878 | 17.6 | 7.929 | 900 | | | | | | | |
| Dry Bulb | 6944764 | 78894 | 87.7 | 5.671 | 900 | | | [illegible] | 84.7 | [illegible] | 13.1 | |
| Wet Bulb | 3222.23 | 53743 | 59.7 | 3.859 | 900 | | | 5.3 | | | | |
| Dew Point | 12[illegible]14.2 | 33166 | 36.9 | 8.777 | 900 | | 32.3 | | | | | |

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

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

# PSYCHROMETRIC SUMMARY

2

...2748 — DAVIS-MONTHAN AFB AZ — 78-84 — ...
STATION — STATION NAME — YEARS — MONTH

PART 1 — 12...-14 ...
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| /1 | | | | | | | | | | | | | | | | | .. | .. | | | | | |
| /1 | | | | | | | | | | | | | | | | | 1. | 1. | | | | | |
| /1 | | | | | | | | | | | | | | | | | .. | .. | | | | | |
| .. | | | | | | | | | | | | | | | | | 7. | .. | | | | | |
| / 97 | | | | | | | | | | | | | | | .. | .. | .. | 11 | | 1 | 1 | | |
| .. | | | | | | | | | | | | | | .. | .. | .. | .. | 11 | | 11 | 11 | | |
| / 9 | | | | | | | | | | | | | .. | 1.1 | .. | 1.1 | 1.. | 11 | | 1.. | 1.. | | |
| / 91 | | | | | | | | | | | | .. | .. | .. | .. | 1.7 | 1.. | 11 | | 11 | | | |
| / 3 | | | | | | | | | | .1 | .. | .. | .. | .. | 1.. | 1.. | 4. | 7 | | 7 | | | |
| / 97 | | | | | | | | | | .1 | .. | .. | .. | 1.1 | 1.. | 1.. | 1.. | 6 | | 6 | | | |
| / .. | | | | | | | | | | .1 | .1 | .. | .. | .. | 1.. | .. | .. | 34 | | 34 | | | |
| / .. | | | | | | | | | .1 | .1 | | | .. | .. | 1.. | .. | | 16 | | 16 | | | |
| / 1 | | | | | | | | | | | .1 | | | .1 | | | | | | | | | |
| / 7 | | | | | | | | | | | | .1 | | | .2 | | | | | | | | |
| 7 / 77 | | | | | | | | | | .2 | .1 | | | | | | | | | | | | |
| / 7 | | | | | | | | | .. | | | | | .1 | | | | | | | | | |
| / 7 | | | | | | | .1 | | | | | | | | | | | | | | | | |
| / 7 | | | .. | | | | | | | | | | | | | | | 1 | | 1 | 1 | 1 | |
| / 6 | | | | | | | .. | | | | | | | | | | | | | | | 71 | |
| / 67 | | | | | | | | | | | | | | | | | | | | | | 71 | |
| .. / .. | | | | | | | | | | | | | | | | | | | | | | 111 | 1 |
| .. / .. | | | | | | .1 | | | | | | | | | | | | 1 | | 1 | 1 | 72 | |
| / .. | | | | | | | | | | | | | | | | | | | | | | .. | 4 |
| / .. | | | | | | | | | | | | | | | | | | | | | | 1.. | 1 |
| / 57 | | | | | | | | | | | | | | | | | | | | | | 5 | 1. |
| .. / .. | | | | | | | | | | | | | | | | | | | | | | 2 | 11 |
| / .. | | | | | | | | | | | | | | | | | | | | | | 5 | 1. |
| / .. | | | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| / 4 | | | | | | | | | | | | | | | | | | | | | | | 17 |
| / 47 | | | | | | | | | | | | | | | | | | | | | | | 4 |
| .. / .. | | | | | | | | | | | | | | | | | | | | | | | 7 |
| .. / 41 | | | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] AL CLIMATOLOGY [illegible]ANCH
[illegible]
[illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]VIS-MONTHAN AFB AZ | 7[illegible]-[illegible]4 | [illegible] |

HOURS (L. S. T.): [illegible]-14

| Temp. (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] | | | .1 | | | .1 | .2 | .1 | .3 | .7 | .5 | 1.1 | 2.3 | 4.[illegible] | 5.6 | 5.5 | 76.1 | | [illegible] | | [illegible] |
| | | | | | | | | | | | | | | | | | | [illegible] | | [illegible] | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | [illegible]15[illegible]12 | 127[illegible] | 14.2 | 6.437 | 900 |
| Dry Bulb | [illegible]77[illegible] | 84998 | 94.4 | 5.826 | 900 |
| Wet Bulb | 34[illegible]3240 | 5591[illegible] | 62.1 | 3.333 | 900 |
| Dew Point | 1[illegible]3[illegible] | 33504 | 37.2 | 7.173 | 900 |

| Element (X) | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 69.9 | 89.6 | 69.9 | [illegible] | [illegible] |
| Wet Bulb | | | 1[illegible].3 | | | | [illegible] |
| Dew Point | | 24.3 | | | | | [illegible] |

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

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1 | | | | | | | | | | | | | | | | | | | | |
| /1 | | | | | | | | | | | | | | | | | 1 | | | |
| /1 | | | | | | | | | | | | | | | | | | | | |
| /1 | | | | | | | | | | | | | | | | | | | | |
| /1 | 1 | | | | | | | | | | | | | | | | 11 | 1 | 1 | 1 |
| / | | | | | | | | | | | | | | | 1 | 1 | 1 | | | |
| / | | | | | | | | | | | | | | | 1 | 1 | 3 | 1 | 1 | 1 |
| / | | | | | | | | | | | | | | | 2 | 1 | 7 | 1 | 1 | 1 |
| / | | | | | | | | | | | | 1 | 2 | 1 | 1 | 1 | 3 | 1 | 1 | 1 |
| / | | | | | | | | | | | | | 1 | 1 | 2 | 1 | 4 | 1 | 1 | |
| / | | | | | | | | | | 1 | 2 | 1 | 1 | 1 | 1 | 2 | | | | |
| / | | | | | | | | | | 1 | 4 | 1 | 1 | 1 | 1 | 1 | 4 | | | |
| / | | | | | | | | | 2 | 1 | 2 | | 2 | 1 | 4 | 2 | | | | |
| / | | | | | | | | | 2 | 1 | 1 | 2 | 3 | 2 | | 2 | | 1 | 1 | |
| / | | | | | 1 | 1 | | | 1 | | | 1 | | | 2 | | | 1 | 1 | |
| / | | | | | 1 | 1 | 1 | | 1 | | 1 | | | | | | | 1 | 1 | |
| / | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | 1 | 1 | 1 |
| / | | | | | | 1 | 1 | | | | | | | | | | | 1 | 1 | |
| / | | | | | | 1 | | | | | | | | | | | | | | |
| / | | | | | 1 | | | | | | | | | | | | | 1 | 1 | 1 |
| / | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | |
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| / | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| [illegible] | [illegible] | [illegible]-39 | | [illegible] |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | | MONTH |

| | 1[illegible]-17 |
|---|---|
| [illegible] | HOURS (L. S. T.) |

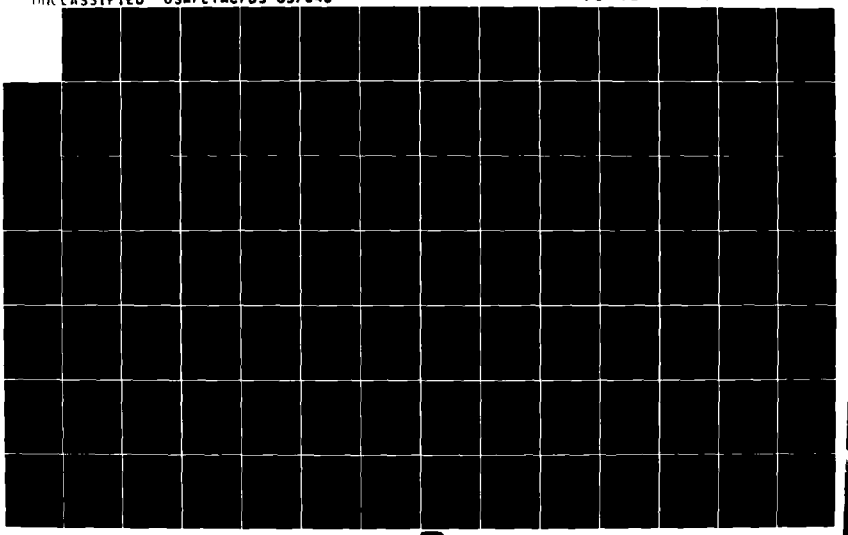
| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / 2[illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | | | .[illegible] | .[illegible] | .[illegible] | .3 | .[illegible] | .5 | 1.2 | .[illegible] | 1.7 | [illegible] | 3.[illegible] | 4.4 | 5.[illegible] | | [illegible] | | [illegible] |

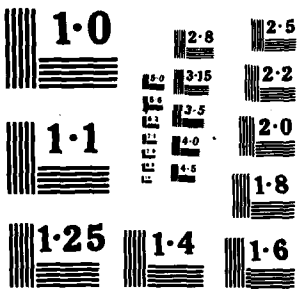
| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2[illegible]4[illegible] | 1[illegible]676 | 14.[illegible] | [illegible].[illegible]53 | 90[illegible] | | | | | | | |
| Dry Bulb | [illegible]374[illegible] | [illegible] | 96.[illegible] | 6.388 | [illegible] | | | [illegible] | [illegible].4 | [illegible] | [illegible] | [illegible] |
| Wet Bulb | 357 [illegible] | [illegible] | [illegible] | 2.[illegible] | [illegible] | | | [illegible]1.[illegible] | .1 | | | |
| Dew Point | 1[illegible]33[illegible] | 3411[illegible] | 37.[illegible] | 6.71[illegible] | [illegible] | | 1[illegible] | .1 | | | | |

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

AD A159 644 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




1·0
1·1
1·25
2·8
3·15
3·5
4·0
4·5
1·4
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2·2
2·0
1·8
1·6

2

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

# PSYCHROMETRIC SUMMARY

...74... | DAVIS-MONTHAN AFB AZ | 75-84 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1600-2200
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 |
| /139 | | | | | | | | | | | | | | | | | .7 | 6 | | | |
| /105 | | | | | | | | | | | | | | | | | 2.[illegible] | 1[illegible] | 1[illegible] | | |
| 2/2[illegible]1 | | | | | | | | | | | | | | | | | 5.6 | [illegible] | [illegible] | | |
| [illegible]/93 | | | | | | | | | | | | | | | | | 7.1 | 64 | 64 | | |
| /91 | | | | | | | | | | | | | | | | .1 | 9.3 | 35 | [illegible] | | |
| /[illegible] | | | | | | | | | | | | | | | | .[illegible] | 9.9 | [illegible]6 | [illegible] | | |
| /33 | | | | | | | | | | | | | | | .4 | .9 | 12.5 | 123 | 123 | | |
| /92 | | | | | | | | | | | | .1 | .1 | .3 | .8 | 1.7 | 10.1 | 11[illegible] | 11[illegible] | | |
| /83 | | | | | | | | | | | .1 | .2 | .3 | .9 | .9 | 1.9 | 7.3 | 1[illegible]4 | 1[illegible]4 | | |
| /37 | | | | | | | | | | .2 | .3 | .1 | .2 | 1.0 | .9 | 3.7 | 2.3 | 79 | 79 | | |
| /[illegible] | | | | | | | | | .1 | .2 | .3 | .1 | .7 | 1.1 | .4 | 2.2 | .1 | 45 | 45 | | |
| /[illegible] | | | | | | | .[illegible] | .4 | .1 | | | .3 | .7 | .8 | .7 | .9 | | 37 | 37 | | |
| /[illegible]1 | | | | | | | .[illegible] | .[illegible]2 | | | .3 | .4 | .3 | .[illegible] | .3 | .[illegible] | | 22 | [illegible] | | |
| /7[illegible] | | | | | | .[illegible] | .[illegible]2 | | .1 | .3 | .2 | .3 | .1 | .1 | .3 | | | 1[illegible] | 1[illegible] | | |
| [illegible]/77 | | | | | .1 | | | | .2 | .1 | .1 | | | .[illegible]2 | | | | 7 | 7 | | |
| /7[illegible] | | | | | .2[illegible] | .[illegible] | .1 | .2 | | | | | | .1 | | | | 9 | 9 | | |
| /[illegible] | | | | .[illegible] | .1 | .1 | .1 | .1 | | | | | | | | | | 6 | 6 | | |
| /72 | | | .1 | .1 | | | .[illegible] | | | | | | | | | | | [illegible] | [illegible] | 4 | |
| /[illegible]6[illegible] | | | | | | .[illegible] | | | | | | | | | | | | 1 | 1 | 14 | |
| /67 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 3[illegible] | |
| [illegible]/[illegible]5 | | | | | | | | | | | | | | | | | | | | 38 | [illegible] |
| 4/[illegible]3 | | | | .[illegible] | .1 | | | | | | | | | | | | | [illegible] | 2 | 15[illegible] | [illegible] |
| /[illegible]1 | | | | | | | | | | | | | | | | | | | [illegible] | 201 | [illegible] |
| /[illegible]9 | | | | | | | | | | | | | | | | | | | | 223 | [illegible] |
| /[illegible]7 | | | | | | | | | | | | | | | | | | | | 1[illegible]9 | [illegible] |
| 5/[illegible]5 | | | | | | | | | | | | | | | | | | | | 41 | [illegible] |
| /[illegible]5 | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| /[illegible]1 | | | | | | | | | | | | | | | | | | | | [illegible] | 11 |
| /[illegible]4 | | | | | | | | | | | | | | | | | | | | | 14 |
| /47 | | | | | | | | | | | | | | | | | | | | | [illegible]1 |
| /[illegible]4[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible]9 |
| 4/43 | | | | | | | | | | | | | | | | | | | | | 34 |
| /41 | | | | | | | | | | | | | | | | | | | | | 43 |
| /[illegible]3 | | | | | | | | | | | | | | | | | | | | | 76 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

72...  DAVIS-MONTHAN AFB AZ  75-84  ...
STATION  STATION NAME  YEARS  MONTH

PAGE 1  1300-2...
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... / 47 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 43 | | | | | | | | | | | | | | | | | | | | | 1... |
| ... / 33 | | | | | | | | | | | | | | | | | | | | | 1... |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | 14... |
| ... / 29 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 27 | | | | | | | | | | | | | | | | | | | | | ... |
| ... / 25 | | | | | | | | | | | | | | | | | | | | | 24 |
| ... / 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| ... / 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| ... / 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | | .1 | .4 | .6 | .8 | 1.0 | 1.0 | .6 | .9 | 1.4 | 1.7 | 2.4 | 4.0 | 4.0 | 12.7 | 66.9 | 899 | 899 | 899 | 8.0 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5268...6 | 14260 | 15.9... | 10.576 | 899 | | | | | | | |
| Dry Bulb | 76291...4 | 82608 | 91.9 | 6.536 | 899 | | | 59.8 | 89.1 | 80.0 | 44.2 | 5... |
| Wet Bulb | 336...616 | 54952 | 61.1 | 3.270 | 899 | | | 5.0 | | | | 9... |
| Dew Point | 1267178 | 32942 | 36.6 | 8.180 | 899 | | 33.5 | | | | | 5... |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722745 | JAVIS-MONTHAN AFB AZ | 75-84 | JUN
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 2100-2300
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| / 97 | | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| / | | | | | | | | | | | | | | | | .1 | 1.3 | | 13 | 13 | | |
| / 93 | | | | | | | | | | | | | | .1 | .3 | .4 | 2.2 | | 29 | | | |
| / 91 | | | | | | | | | | | | | | .1 | .3 | 2.1 | 3.8 | | 55 | 55 | | |
| / 8 | | | | | | | | | | | | | .1 | .3 | 1.4 | 1.4 | 4.1 | | 67 | 67 | | |
| / 87 | | | | | | | | | | .1 | | | .7 | .9 | 2.3 | 3.0 | 3.2 | | 92 | | | |
| / | | | | | | | | | | .1 | .4 | .8 | 1.2 | 1.7 | 3.3 | 5.4 | .3 | | 117 | 117 | | |
| / | | | | | | | .1 | | .2 | .2 | .1 | .7 | 1.3 | 1.7 | 3.3 | 4.1 | | | 116 | 116 | | |
| / | | | | | | | | .4 | .6 | | .2 | 1.1 | 1.2 | 3.6 | 4.0 | 1.1 | | | 117 | 117 | | |
| / 7 | | | | | | .1 | .2 | | .2 | .4 | 1.2 | .9 | 1.3 | 2.4 | 3.2 | | | | 91 | 91 | | |
| 7 / 77 | | | | | .2 | | | .2 | .3 | .3 | 1.2 | .9 | 1.6 | 3.0 | 1.1 | | | | 92 | 92 | | |
| / 7 | | | | | .4 | .4 | | .1 | .4 | .4 | .6 | .6 | 1.0 | 1.9 | | | | | 85 | 85 | | |
| / 7 | | | | .3 | .1 | .2 | .1 | .1 | .2 | .3 | .2 | 1.2 | 1.1 | .2 | | | | | 36 | 36 | | |
| / 71 | | | | | | .2 | .2 | | | | .2 | .1 | 1.4 | .1 | | | | | 21 | 21 | 2 | |
| / 69 | | | | | | .1 | .3 | | | | .2 | .2 | .1 | | | | | | 12 | 11 | 14 | |
| / 67 | | | | | .2 | | .1 | | | .1 | | .1 | | | | | | | 8 | 8 | 15 | 1 |
| / 65 | | | | .1 | | | | | | | .1 | | | | | | | | 2 | 2 | 29 | 6 |
| / 63 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 47 | 4 |
| / 61 | | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 102 | 9 |
| / 59 | | | | | | | | | | | | | | | | | | | | | 135 | 8 |
| / 57 | | | | | | | | | | | | | | | | | | | | | 156 | 17 |
| / 55 | | | | | | | | | | | | | | | | | | | | | 171 | 17 |
| / 53 | | | | | | | | | | | | | | | | | | | | | 114 | 7 |
| / 51 | | | | | | | | | | | | | | | | | | | | | 71 | 13 |
| / 49 | | | | | | | | | | | | | | | | | | | | | 35 | 22 |
| / 47 | | | | | | | | | | | | | | | | | | | | | 12 | 26 |
| / 45 | | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 45 / 43 | | | | | | | | | | | | | | | | | | | | | | 39 |
| / 41 | | | | | | | | | | | | | | | | | | | | | | 46 |
| / 39 | | | | | | | | | | | | | | | | | | | | | | 49 |
| / 37 | | | | | | | | | | | | | | | | | | | | | | 50 |
| / 35 | | | | | | | | | | | | | | | | | | | | | | 57 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | | 62 |
| / 31 | | | | | | | | | | | | | | | | | | | | | | 1 5 |

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

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12,745 DAVIS-MONTHAN AFB AZ 75-84 JUN
STATION STATION NAME YEARS MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 61 |
| [illegible] 27 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 25 | | | | | | | | | | | | | | | | | | | | | | 64 |
| [illegible] 23 | | | | | | | | | | | | | | | | | | | | | | 67 |
| [illegible] 21 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 19 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 17 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 15 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOT | | | | .[illegible] | 1.0 | 1.1 | 1.[illegible] | .9 | 2.0 | 2.1 | 5.2 | 6.6 | 11.1 | 16.0 | 19.1 | 17.9 | 14.9 | | 95 | [illegible] | 95 | 5[illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≥ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 464513 | 17548 | 18.[illegible] | 11.685 | 900 | | | | | | | |
| Dry Bulb | 6217374 | 74608 | 82.9 | 6.016 | 900 | | | 89.5 | 85.4 | 64.6 | 4.3 | [illegible] |
| Wet Bulb | 2474776 | 51590 | 57.3 | 4.415 | 900 | | | 2.7 | | | | [illegible] |
| Dew Point | 1170077 | 31377 | 34.9 | 10.387 | 900 | | 45.[illegible] | .1 | | | | [illegible] |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

| 722745 | DAVIS-MONTHAN AFB AZ | 75-84 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 — ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 120 | | | | | | | | | | | | | | | | | .2 | 2 | | | |
| 119 | | | | | | | | | | | | | | | | | .3 | 13 | 13 | | |
| 118 | | | | | | | | | | | | | | | | | .4 | 50 | 63 | | |
| 117 | | | | | | | | | | | | | | | | | 2.2 | 191 | 191 | | |
| 116 | | | | | | | | | | | | | | | | | 7.1 | 223 | 223 | | |
| 115 | | | | | | | | | | | | | | | .2 | .0 | 3.4 | 245 | 245 | | |
| 114 | | | | | | | | | | | | | | | .7 | .2 | 4.5 | 342 | 342 | | |
| 113 | | | | | | | | | | | | | | .4 | .1 | .3 | 5.2 | 427 | 427 | | |
| 112 | | | | | | | | | | | | .2 | .1 | .2 | .3 | .6 | 5.8 | 425 | 425 | | |
| 111 | | | | | | | | | | | | .1 | .1 | .2 | .9 | 1.2 | 4.4 | 465 | 465 | | |
| 110 | | | | | | | | | | .0 | .1 | .1 | .2 | .4 | 1.0 | 1.1 | 3.3 | 427 | 427 | | |
| 109 | | | | | | | | | | .1 | .2 | .1 | .3 | .5 | 1.2 | 1.6 | 1.4 | 407 | 407 | | |
| 108 | | | | | | | | .0 | .1 | .2 | .2 | .3 | .7 | .9 | 1.2 | 2.0 | .2 | 415 | 416 | | |
| 107 | | | | | | | .1 | .1 | .2 | .2 | .1 | .4 | .9 | 1.1 | 1.1 | 1.1 | | 376 | 376 | | |
| 106 | | | | | .1 | | .1 | .2 | .2 | .2 | .4 | .6 | .8 | 1.2 | 1.1 | .3 | | 356 | 356 | | |
| 105 | | | | | | .1 | .3 | .1 | .2 | .3 | .4 | .8 | 1.0 | 1.2 | .6 | | | 371 | 371 | | |
| 104 | | | | .2 | .1 | .2 | .1 | .1 | .2 | .5 | .7 | .8 | 1.1 | 1.3 | .3 | | | 364 | 364 | | |
| 103 | | | | .3 | .2 | .3 | .1 | .1 | .6 | .4 | .7 | 1.0 | .8 | .5 | | | | 360 | 360 | | |
| 102 | | | | .2 | .1 | .1 | .2 | .2 | .4 | .7 | .9 | 1.1 | 1.0 | .3 | | | | 352 | 352 | 1 | |
| 101 | | | .1 | .6 | .0 | .1 | .2 | .4 | .4 | .5 | 1.3 | .9 | 1.3 | .1 | | | | 376 | 376 | 13 | |
| 100 | | | | .6 | .1 | .0 | .4 | .1 | .3 | .6 | 1.1 | 1.1 | .4 | | | | | 259 | 259 | 176 | 1 |
| 99 | | | | .3 | .1 | .2 | .1 | .2 | .3 | .7 | 1.0 | 1.1 | .2 | | | | | 277 | 277 | 372 | 2 |
| 98 | | | | .3 | .0 | .1 | .1 | .1 | .3 | .5 | .8 | .5 | | | | | | 167 | 167 | 537 | 34 |
| 97 | | | | .1 | .0 | .0 | | .1 | .1 | .4 | .6 | .0 | | | | | | 100 | 100 | 736 | 59 |
| 96 | | | | .1 | .1 | | | .0 | .2 | .4 | .2 | | | | | | | 72 | 72 | 1070 | 81 |
| 95 | | | | .1 | | | | .1 | .0 | .2 | .3 | | | | | | | 23 | 23 | 1306 | 94 |
| 94 | | | .1 | .0 | | | | .0 | .1 | .0 | | | | | | | | 11 | 11 | 857 | 71 |
| 93 | | | | | | | | .2 | .0 | | | | | | | | | 4 | 4 | 652 | 65 |
| 92 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 595 | 77 |
| 91 | | | | | | | | | | | | | | | | | | | | 439 | 169 |
| 90 | | | | | | | | | | | | | | | | | | | | 359 | 177 |
| 89 | | | | | | | | | | | | | | | | | | | | 292 | 221 |
| 88 | | | | | | | | | | | | | | | | | | | | 236 | 231 |
| 87 | | | | | | | | | | | | | | | | | | | | 20 | 209 |

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

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

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# PSYCHROMETRIC SUMMARY

22745 | AVIS-MONTHAN AFB AZ | 75-84 | JUN

STATION | STATION NAME | YEARS | MONTH

PAGE 2 | HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| / 41 | | | | | | | | | | | | | | | | | | | | | 24 | 441 |
| / 31 | | | | | | | | | | | | | | | | | | | | | 4 | 523 |
| / 21 | | | | | | | | | | | | | | | | | | | | | | 85 |
| / 3 | | | | | | | | | | | | | | | | | | | | | | 6 7 |
| 3 / 73 | | | | | | | | | | | | | | | | | | | | | | 755 |
| / 72 | | | | | | | | | | | | | | | | | | | | | | 2 6 |
| / 5 | | | | | | | | | | | | | | | | | | | | | | 473 |
| / 32 | | | | | | | | | | | | | | | | | | | | | | 372 |
| / 16 | | | | | | | | | | | | | | | | | | | | | | 3 |
| / 23 | | | | | | | | | | | | | | | | | | | | | | 171 |
| 2 / 71 | | | | | | | | | | | | | | | | | | | | | | 22 |
| / 1 | | | | | | | | | | | | | | | | | | | | | | 11 |
| / 12 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | | 6 7 |
| / 17 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | | 3 |
| / | | | | | | | | | | | | | | | | | | | | | | 4 |
| / 7 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 7 [illegible] | | .2 | .0 | .6 | 1.0 | 1.4 | 1.0 | 3.5 | 5.8 | 8.7 | 9.1 | 8.8 | 8.5 | 7.7 | 8.1 | 34.4 | | 7199 | | 7199 | | 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. | 36 76 344 | 140856 | 19.6 | 11.308 | 7199 | | | | | | | |
| Dry Bulb | 519 42 31 | 6[illegible]6041 | 84.2 | 11.090 | 7199 | | | 661.9 | 586.7 | 461.6 | 196.2 | 72[illegible] |
| Wet Bulb | 244 1600 | 416322 | 57.8 | 5.964 | 7199 | | | 42.2 | .1 | | | 72[illegible] |
| Dew Point | 1744815 | 255291 | 35.5 | 9.863 | 7199 | | 288.4 | .4 | | | | 72[illegible] |

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

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...FETAC
...R SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...2745 | ...AVIS-MONTHAN AFB AZ | 75-84 | JUL |

PAGE 1 HOURS (L. S. T.) 0000-0700

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| ... / 74 | | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| ... / 71 | | | | | | | | | | | | | .1 | .0 | .4 | .2 | | | 11 | 11 | | |
| ... / 8 | | | | | | | | | | | | .4 | .5 | .2 | .2 | | | | 13 | 12 | | |
| ... / 77 | | | | | | | | | | | .1 | 1.0 | .3 | .6 | .5 | .1 | | | 25 | 25 | | |
| ... / 7 | | | | | | | | | .2 | 1.4 | 2.6 | 1.8 | .5 | .9 | .3 | .1 | .1 | | 73 | 73 | | |
| ... / 7 | | | | | | | | 1.6 | 1.5 | 1.9 | 1.9 | 1.0 | 1.0 | 1.3 | .1 | .2 | | | 98 | 96 | | |
| ... / 71 | | | | | | .4 | .7 | 4.1 | 3.2 | .6 | .6 | 1.0 | 1.0 | .6 | .2 | | | | 115 | 110 | | |
| ... / 7 | | | | | .4 | 1.3 | 3.7 | 2.8 | 1.5 | .6 | .4 | .9 | .1 | .4 | .1 | | | | 115 | 111 | | |
| 7 / 77 | | | | .6 | 2.6 | 5.1 | 2.3 | 2.4 | .8 | .4 | .2 | 1.0 | .6 | .4 | | | | | 155 | 155 | | |
| ... / 7 | | | .4 | 2.3 | 5.2 | 3.4 | 1.2 | .6 | .5 | | .3 | .3 | .6 | .3 | | | | | 138 | 138 | | |
| ... / 7 | | | 1.5 | 2.5 | 3.2 | .4 | .2 | | .1 | .1 | .3 | 1.1 | .1 | | | | | | 87 | 87 | 2 | |
| ... / 71 | | .5 | 2.4 | 1.8 | .3 | .4 | .1 | | .1 | | .5 | .8 | | | | | | | 85 | 82 | [illegible] | 8 |
| ... / 69 | | .2 | 1.2 | .2 | .1 | .2 | | | .1 | .2 | | | | | | | | | 77 | 77 | 113 | [illegible] |
| ... / 67 | | | | | | | | | | | | | | | | | | | | | 2-6 | [illegible] |
| 67 / 65 | | | | | | | | | | | | | | | | | | | | | 1-8 | [illegible] |
| ... / 63 | | | | | | | | | | | | | | | | | | | | | 31 | 115 |
| ... / 61 | | | | | | | | | | | | | | | | | | | | | 59 | 97 |
| ... / 59 | | | | | | | | | | | | | | | | | | | | | 45 | 1.4 |
| ... / 57 | | | | | | | | | | | | | | | | | | | | | 30 | 71 |
| 5 / 55 | | | | | | | | | | | | | | | | | | | | | 10 | 67 |
| ... / 53 | | | | | | | | | | | | | | | | | | | | | 23 | 47 |
| ... / 51 | | | | | | | | | | | | | | | | | | | | | 27 | 34 |
| ... / 4 | | | | | | | | | | | | | | | | | | | | | 5 | [illegible] |
| ... / 47 | | | | | | | | | | | | | | | | | | | | | | 16 |
| ... / 45 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ... / 43 | | | | | | | | | | | | | | | | | | | | | | 10 |
| ... / 41 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ... / 39 | | | | | | | | | | | | | | | | | | | | | | 15 |
| ... / 37 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ... / 35 | | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | | 14 |
| ... / 29 | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| ... / 27 | | | | | | | | | | | | | | | | | | | | | | 1[illegible] |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...24 | DAVIS-MONTHAN AFB AZ | 75-84 | JUL
STATION | STATION NAME | YEARS | MONTH

PA... | ...00-... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | 1.2 | 5.7 | 8.6 | 12.2 | 10.0 | 8.8 | 11.5 | 8.1 | 5.4 | 7.0 | 4.1 | 4.9 | 5.1 | 1.9 | .8 | .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. | 2635306 | 45874 | 49.3 | 20.024 | 93... | | | | | | | |
| Dry Bulb | 5608644 | 73360 | 78.9 | 4.953 | 930 | | | 53.0 | 63.8 | 40.1 | .1 | 5... |
| Wet Bulb | 3...497.6 | 60446 | 65.... | 4.761 | 930 | | | 4...3 | .2 | | | ... |
| Dew Point | 3013014 | 51994 | 55.9 | 10.692 | 930 | | 5.2 | 8.9 | | | | ... |

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

2

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

# PSYCHROMETRIC SUMMARY

...745 | DAVIS-MONTHAN AFB AP | 75-84 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 0330-2...
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| / [illegible] | | | | | | | | | | | | | | | .1 | .1 | | [illegible] | [illegible] | | |
| / 9[illegible] | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| [illegible] / 87 | | | | | | | | | | | | .1 | .1 | .3 | | | | [illegible] | | | |
| 5[illegible] / [illegible] | | | | | | | | | | .4 | .[illegible] | .2 | .1 | .1 | | | | 1[illegible] | 1[illegible] | | |
| [illegible] / [illegible] | | | | | | | | .1 | .[illegible] | 2.3 | 2.2 | .2 | .1 | .1 | | | | [illegible] | [illegible] | | |
| / [illegible]1 | | | | | | | .4 | 1.[illegible] | 2.6 | 2.4 | .6 | .6 | .5 | .2 | | | | [illegible] | [illegible] | | |
| / 7[illegible] | | | | | .1 | .[illegible] | 3.[illegible] | 2.5 | 2.2 | 1.1 | 1.[illegible] | .3 | .1 | | | | | 1[illegible] | 1[illegible] | | |
| 7 / 77 | | | | .1 | 1.[illegible] | [illegible].5 | 3.[illegible] | 3.4 | 1.7 | .9 | .1 | .6 | | .2 | | | | 1[illegible] | 1[illegible] | | |
| / 7[illegible] | | | .[illegible] | 1.[illegible] | [illegible].5 | 3.2 | 2.[illegible] | 2.2 | .2 | .4 | 1.1 | .6 | .4 | | | | | 171 | 171 | | |
| / 7[illegible] | | 1.[illegible] | 4.4 | 5.9 | .4 | .4 | 1.[illegible] | .2 | .5 | .[illegible] | 1.[illegible] | .2 | .1 | | | | | 15[illegible] | 1[illegible] | | |
| / 71 | .[illegible] | .[illegible] | 2.[illegible] | 3.7 | 1.1 | .4 | .1 | | .1 | .5 | 1.[illegible] | .6 | | | | | | 1[illegible] | 1[illegible] | 22 | [illegible] |
| / 69 | | .[illegible] | 1.[illegible] | 1.[illegible] | .6 | .1 | | | | .4 | 1.5 | | .2 | | | | | [illegible] | [illegible] | 44 | 17 |
| [illegible] / 67 | | .[illegible] | .[illegible] | | | | | .1 | .1 | .2 | .2 | | | | | | | 1[illegible] | 1[illegible] | 252 | 47 |
| [illegible] / 6[illegible] | | | | | | | | .2 | .2 | .1 | | | | | | | | [illegible] | [illegible] | 273 | [illegible] |
| 6[illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | 117 | 1[illegible] |
| / [illegible]1 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| / [illegible]5 | | | | | | | | | | | | | | | | | | | | 39 | [illegible] |
| / 57 | | | | | | | | | | | | | | | | | | | | 14 | -1 |
| [illegible] / [illegible]5 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] / 5[illegible] | | | | | | | | | | | | | | | | | | | | 2[illegible] | 56 |
| [illegible] / [illegible]1 | | | | | | | | | | | | | | | | | | | | [illegible]1 | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible]2 | 19 |
| [illegible] / 47 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| [illegible] / 45 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 47 / 43 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / 41 | | | | | | | | | | | | | | | | | | | | | [illegible]1 |
| [illegible] / [illegible]7 | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| [illegible] / 37 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 3[illegible] | | | | | | | | | | | | | | | | | | | | | 13 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| / [illegible]5 | | | | | | | | | | | | | | | | | | | | | [illegible] |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...NE — AVIS-MONTHAN AFB AZ — 74-84 — ...
STATION — STATION NAME — YEARS — MONTH

... — 0500-1100
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 Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | |
| ... | . | 1. | . | 1. | 14.7 | . | 11. | 21. | 7. | 8. | 9.2 | 8.7 | 4.6 | 1.8 | 1.1 | . | .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. | 2571191 | 49565 | 53.3 | 18.836 | 930 | | | | | | | |
| Dry Bulb | 5430727 | 70999 | 76.3 | 4.156 | 930 | | | 93.5 | 76.2 | 21.6 | | |
| Wet Bulb | 3 69977 | 59802 | 64.3 | 5.741 | 930 | | | 37.6 | | | | |
| Dew Point | 30511 | 52795 | 56.3 | 10.337 | 930 | | 5.6 | 6.3 | | | | |

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

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

# PSYCHROMETRIC SUMMARY

...2,745 STATION | ...ILLIAMETTE, AFB, OR STATION NAME | 73-84 YEARS | ... MONTH

PART 1 | ... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | .1 | | | .1 | .1 | | | | | |
| ... | | | | | | | | | | | | .0 | .3 | .5 | | .1 | | 1 | | | |
| ... | | | | | | | | | | .4 | .5 | 1.0 | .1 | .4 | .1 | .1 | | 4 | | | |
| ... | | | | | .1 | | | .1 | .5 | 1.4 | 1.6 | .9 | .5 | .4 | .3 | .4 | | 1 | .1 | | |
| ... | | | | | | | .1 | .5 | .2 | .3 | 1.4 | .8 | .5 | .2 | .1 | | | 7 7 | | | |
| ... | | | | | .1 | .2 | 1.3 | 3.4 | 2.9 | 2.4 | .9 | .4 | .3 | .5 | | | | 11 7 | 11 7 | | |
| ... | | | | .1 | .1 | 2.3 | 3.. | 2.3 | 1.9 | 1.2 | .3 | .3 | .1 | 1.3 | | | | 1 3 | 1 3 | | |
| ... | | | | .4 | 2.. | 4.. | 2.7 | 2.3 | 1.5 | .6 | 1.. | .1 | .2 | .1 | | | | 1 2 | 1 2 | 1 | |
| ... | | | .1 | 2.2 | 4.. | 4.. | 1.. | .9 | .3 | .3 | .4 | .3 | .1 | | | | | 1 .. | 1 .. | | |
| ... | | .1 | 1.. | 3.2 | 4.6 | 1.4 | .. | .2 | .3 | .2 | .3 | .6 | | | | | | 1 . | 1 1 | 2 | . |
| ... | | .. | 1.. | 2.. | .4 | .3 | .2 | .2 | .1 | .4 | .4 | .4 | .1 | | | | | .. | .. | 21 | |
| ... | | .. | . | .4 | .. | .1 | | | | .1 | .. | | | | | | | .1 | 31 | 15.1 | 27 |
| ... | | .1 | .. | | | | | | .1. | .4 | .1 | | | | | | | .. | .. | 2.6 | 4.. |
| ... | | | | | | | | | .1 | | | | | | | | | 1 | 1 | 1.. | . |
| ... | | | | | | | | | | | | | | | | | | | | .12 | 14. |
| ... | | | | | | | | | | | | | | | | | | | | .. | 11. |
| ... | | | | | | | | | | | | | | | | | | | | 2. | 1 . |
| ... | | | | | | | | | | | | | | | | | | | | 24 | 7 |
| ... | | | | | | | | | | | | | | | | | | | | .. | . |
| ... | | | | | | | | | | | | | | | | | | | | 1. | .. |
| ... | | | | | | | | | | | | | | | | | | | | 1. | .. |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 17 |
| ... | | | | | | | | | | | | | | | | | | | | | . |
| ... | | | | | | | | | | | | | | | | | | | | | .. |
| ... | | | | | | | | | | | | | | | | | | | | | 1. |
| ... | | | | | | | | | | | | | | | | | | | | | . |
| ... | | | | | | | | | | | | | | | | | | | | | 11 |
| ... | | | | | | | | | | | | | | | | | | | | | . |
| ... | | | | | | | | | | | | | | | | | | | | | . |

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

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

SAFETAC

2

...AL CLIMATOLOGY BRANCH
...ETAC
...T E... SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...
STATION

...-MONTHAN AFB, AZ
STATION NAME

...-64
YEARS

...
MONTH

HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | | | | |
| / 3 | | | | | | | | | | | | | | | | | | | | | | | | |
| I | | | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2726[illegible]11 | 47449 | 51.[illegible] | 18.13[illegible] | 93[illegible] | | | | | | | |
| Dry Bulb | 5715[illegible]13 | 72777 | 78.3 | 4.726 | 93[illegible] | | | 5[illegible].[illegible] | 83.1 | 35.9 | | [illegible] |
| Wet Bulb | 3[illegible]65[illegible]89 | 6[illegible]5[illegible]7 | 65.1 | 4.5[illegible] | 93[illegible] | | | [illegible]4.[illegible] | .4 | | | [illegible] |
| Dew Point | 3[illegible]82[illegible] | 5[illegible]34 | 56.[illegible] | 9.661[illegible] | 93[illegible] | | 4.[illegible] | 4.3 | .1 | | | [illegible] |

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

USAFETAC

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

# PSYCHROMETRIC SUMMARY

2

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
JUL — MONTH

...OF 1 — 0300-1100 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| /103 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| 2/101 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| / 99 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| / 97 | | | | | | | | | | | | | | | .6 | .4 | 1.4 | 2 | 2 | | |
| / 95 | | | | | | | | | | | | | .2 | 1.7 | .6 | 1.0 | 1.5 | 41 | 41 | | |
| / 93 | | | | | | | | | .1 | | .2 | | 1.6 | 2.4 | 1.1 | 1.2 | 1.3 | 73 | 73 | | |
| / 91 | | | | | | | | | | .1 | .2 | 2.9 | 3.0 | 1.3 | 1.2 | .5 | 1.5 | 119 | 119 | | |
| / 89 | | | | | | | .1 | | .1 | 1.7 | 3.4 | 3.8 | 2.2 | 1.2 | .9 | .6 | 1.2 | 134 | 134 | | |
| 5/ 87 | | | | | | .1 | .1 | .3 | .6 | 3.2 | 4.3 | 2.5 | .8 | .4 | .1 | .5 | | 124 | 124 | | |
| / 85 | | | | | | .2 | .2 | 1.2 | 3.8 | 3.2 | 1.6 | .9 | .2 | .5 | .3 | .3 | | 117 | 117 | | |
| / 83 | | | | | | .3 | 1.2 | 3.7 | 3.4 | 1.4 | 1.2 | .2 | .1 | .2 | .1 | | | 106 | 106 | | |
| / 81 | | | | | .1 | .2 | 3.1 | 2.2 | 1.2 | .2 | | .2 | | | | | | 72 | 72 | | |
| / 79 | | | | | .2 | 1.2 | 2.6 | .6 | .4 | .2 | | | | | | | | 56 | 56 | | |
| 7/ 77 | | | | .2 | .6 | 1.1 | .9 | .1 | | | | | | | | | | 27 | 27 | 4 | |
| / 75 | | | | .2 | .6 | .4 | .1 | .3 | | | | | | | | | | 17 | 17 | 7 | |
| 4/ 73 | | | .1 | .2 | .3 | .1 | | | | | | | | | | | | 7 | 7 | 13 | 4 |
| / 71 | | .1 | .1 | .3 | | | | | | | | | | | | | | 7 | 7 | 103 | 8 |
| / 69 | | .1 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 205 | 8 |
| 1/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 220 | 24 |
| 2/ 65 | | | | | | | | | | | | | | | | | | | | 129 | 64 |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | 71 | 113 |
| / 61 | | | | | | | | | | | | | | | | | | | | 41 | 137 |
| / 59 | | | | | | | | | | | | | | | | | | | | 29 | 155 |
| 1/ 57 | | | | | | | | | | | | | | | | | | | | 17 | 81 |
| 5/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 75 |
| / 53 | | | | | | | | | | | | | | | | | | | | | 77 |
| 2/ 51 | | | | | | | | | | | | | | | | | | | | | 30 |
| / 49 | | | | | | | | | | | | | | | | | | | | | 27 |
| 1/ 47 | | | | | | | | | | | | | | | | | | | | | 64 |
| 4/ 45 | | | | | | | | | | | | | | | | | | | | | 64 |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | 14 |
| 3/ 41 | | | | | | | | | | | | | | | | | | | | | 12 |
| 1/ 39 | | | | | | | | | | | | | | | | | | | | | 10 |
| / 37 | | | | | | | | | | | | | | | | | | | | | 10 |

| 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 AWS 6d 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]-MOUNTAIN AFB AZ STATION NAME | 75-84 YEARS | [illegible] 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 30 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 2 / 33 | | | | | | | | | | | | | | | | | | | | | 16 |
| / 31 | | | | | | | | | | | | | | | | | | | | | 19 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 27 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOT | .7 | .3 | 1.1 | 2.3 | 4.9 | 8.2 | 8.4 | 9.6 | 10.1 | 11.3 | 10.4 | 8.1 | 7.6 | 4.5 | 4.6 | 6.0 | | 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. | 15.5747 | 35207 | 37.9 | 5.627 | 930 | | | 93.0 | 91.7 | 84.3 | 14.9 | 93 |
| Dry Bulb | 7070330 | 80919 | 87.1 | 5.661 | 930 | | | 93.0 | 91.7 | 84.3 | 14.9 | 93 |
| Wet Bulb | 4241 23 | 62729 | 67.5 | 3.397 | 930 | | | 89.2 | 2.4 | | | 93 |
| Dew Point | 2.6635 | 52033 | 55.9 | 9.008 | 930 | | 2.4 | 4.1 | .9 | | | 93 |

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

...L CLIMATOLOGY MARCH
...TAC
...SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

/22743 | ...AVIS-MONTHAN AFB AZ | 75-84 | 03
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 1 /1 | | | | | | | | | | | | | | | | | .4 | 4 | 4 | | |
| /1 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| /1 | | | | | | | | | | | | | | | | | 1.[illegible] | 9 | [illegible] | | |
| /1 | | | | | | | | | | | | | | | | | 2.[illegible] | 24 | 24 | | |
| /1 1 | | | | | | | | | | | | | | | | .9 | 6.1 | 64 | 64 | | |
| / 09 | | | | | | | | | | | | | .1 | .2 | 1.3 | 3.1 | 4.2 | 93 | 93 | | |
| / 97 | | | | | | | | | | | | .1 | .2 | 1.3 | 4.1 | 2.5 | 4.3 | 116 | 116 | | |
| / | | | | | | | | | | | | .3 | 2.0 | 5.0 | 2.8 | 1.6 | 2.2 | 129 | 129 | | |
| / | | | | | | | | | .2 | .2 | .4 | 2.2 | 4.7 | 2.0 | 1.4 | .3 | 1.2 | 123 | 123 | | |
| / 92 | | | | | | | .1 | | .1 | .3 | 2.6 | 3.8 | 3.1 | 1.6 | .5 | .2 | .1 | 116 | 115 | | |
| / 8 | | | | | | | | | .4 | .2 | 3.4 | 2.0 | .4 | | .3 | | .1 | 83 | 83 | | |
| / 7 | | | | | | | | .6 | 1.3 | 2.0 | 1.6 | 1.5 | .1 | .1 | | | | 68 | 69 | | |
| / 6 | | | | | | .2 | | 1.0 | 1.7 | 1.1 | .6 | | .1 | | | | | 44 | 44 | | |
| / 5 | | | | | | | .. | 1.3 | 6 | .1 | .2 | | | | | | | 23 | 23 | | |
| / 54 | | | | | | .2 | .2 | 1.1 | .3 | .1 | | | | | | | | 21 | 21 | | |
| / 7 | | | .1 | | | .2 | .4 | | | | | | | | | | | 7 | 5 | 6 | |
| 7 / 77 | | | | | | | .2 | | | | | | | | | | | 2 | 2 | 3 | |
| / 7 | | | .1 | .1 | .3 | | .1 | | | | | | | | | | | 6 | 6 | 6 | 2 |
| / 73 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 44 | 3 |
| / 71 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 193 | 3 |
| / 69 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 297 | 3 |
| / 67 | | | | | | | | | | | | | | | | | | | | 198 | 16 |
| / 65 | | | | | | | | | | | | | | | | | | | | 117 | 34 |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | 43 | 67 |
| / 61 | | | | | | | | | | | | | | | | | | | | 25 | 97 |
| / 59 | | | | | | | | | | | | | | | | | | | | 9 | 112 |
| / 57 | | | | | | | | | | | | | | | | | | | | 2 | 111 |
| 5 / 55 | | | | | | | | | | | | | | | | | | | | | 116 |
| 4/ 53 | | | | | | | | | | | | | | | | | | | | | 91 |
| 2/ 51 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 5 / 4 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4 / 47 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 4 / 45 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | [illegible] |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...4 STATION | AVI...MONTAN AFB AZ STATION NAME | 75-84 YEARS | ... MONTH

... 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| ESL | .1 | .3 | .4 | .4 | .5 | 1.5 | 4.7 | 4.7 | 6.0 | 8.9 | 9.9 | 10.9 | 10.0 | 13.4 | 8.5 | 2.3 | | 4.9 | 93.4 | 92.5 | 65 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 94241 | 27112 | 29.2 | 12.765 | 929 | | | | | | | |
| Dry Bulb | 91617 | 86944 | 93.5 | 6.710 | 933 | | | 93.0 | 92.5 | 91.2 | 55.3 | 93 |
| Wet Bulb | 43:8243 | 63780 | 68.7 | 2.977 | 929 | | | 73.4 | 5.5 | | | 93 |
| Dew Point | 2,13...5 | 50505 | 54.4 | 8.548 | 929 | | 1.6 | 2.6 | .5 | | | 93 |

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

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

# PSYCHROMETRIC SUMMARY

72745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
JUL — MONTH
PART I — 1500-1700 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | |
| 1 /1? | | | | | | | | | | | | | | | | | .4 | 4 | | 4 | | | |
| /1? | | | | | | | | | | | | | | | | | 1.? | 12 | | 12 | | | |
| /1? | | | | | | | | | | | | | | | | | .? | 1 | | 1 | | | |
| /1 3 | | | | | | | | | | | | | | .1 | | .1 | ?.4 | 71 | | 71 | | | |
| 1/1: 1 | | | | | | | | | | | | | | | .? | 1.? | 15.2 | 1?9 | | 1?9 | | | |
| 2/ ?9 | | | | | | | | | | | | | | | 1.6 | 3.9 | ?.3 | ?9 | | 69 | | | |
| / 97 | | | | | | | | | | | | | .? | 3.? | .1 | 1.4 | 2.5 | 125 | | 12? | | | |
| 2/ 95 | | | | | | | | | | | .1 | .4 | 1.4 | 4.? | .? | 1.? | 1.3 | 99 | | 95 | | | |
| 2/ 92 | | | | | | | | | | | .? | ?.( | ?.0 | ?.0 | 1.4 | .1 | .4 | ?? | | ?? | | | |
| / 91 | | | | | | | | | | .3 | 1.? | ?.0 | ?.5 | .6 | .1 | .1 | | 6? | | 6? | | | |
| / 89 | | | | | | | | | .1 | 1.4 | 1.9 | 1.9 | .6 | | | | | 96 | | 96 | | | |
| 2/ 87 | | | | | | | .1 | .2 | .? | ?.0 | 1.9 | .8 | .1 | .2 | | | | ?? | | ?3 | | | |
| 2/ 8? | | | | | | .1 | .? | .9 | 1.2 | 1.4 | .6 | .1 | | | | | | 42 | | 42 | | | |
| 4/ 83 | | | | | | .4 | .4 | .4 | 1.4 | .4 | .1 | | | | | | | ?3 | | ?3 | | | |
| / 91 | | | | | | .? | .? | .? | ? | .1 | | | | | | | | ?1 | | ?1 | | | |
| / 79 | | | | | .2 | .? | 1.1 | .1 | | | | | | | | | | 1? | | 1? | | | |
| 7 / 77 | | | | .? | .3 | .4 | .1 | | | | | | | | | | | ? | | ? | 1 | | |
| / 75 | | | | .1 | .4 | .2 | | | | | | | | | | | | 7 | | 7 | 4 | | |
| 4/ 73 | | | .1 | .? | .2 | .1 | | | | | | | | | | | | 10 | | 1? | 3? | | |
| 3?/ 71 | | | | | | | | | | | | | | | | | | | | | 21> | | 1 |
| / 69 | | | | .1 | | | | | | | | | | | | | | 1 | | 1 | 29? | | 3 |
| / 67 | | | | .? | | | | | | | | | | | | | | ? | | ? | 2?> | | 1? |
| 6/ 65 | | | | | | | | | | | | | | | | | | | | | 119 | | 37 |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | | 34 | | 54 |
| / 61 | | | | | | | | | | | | | | | | | | | | | 19 | | 3? |
| / 59 | | | | | | | | | | | | | | | | | | | | | 1? | | 1.4 |
| / 57 | | | | | | | | | | | | | | | | | | | | | | | 1.? |
| 5/ 55 | | | | | | | | | | | | | | | | | | | | | | | 117 |
| 4/ 53 | | | | | | | | | | | | | | | | | | | | | | | 71 |
| 2/ 51 | | | | | | | | | | | | | | | | | | | | | | | 3? |
| / 4? | | | | | | | | | | | | | | | | | | | | | | | 41 |
| / 47 | | | | | | | | | | | | | | | | | | | | | | | 13 |
| 4 / 45 | | | | | | | | | | | | | | | | | | | | | | | 1? |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | | | 24 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

...48 | ...AVIS-M ...BAK AFB | 75-84 | ...
STATION | STATION NAME | YEARS | MONTH

PAGE 2 | 1500-1700
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| ...4 | | | | | | | | | | | | | | | | | | | | | | 4 |
| ...4 | | | | | | | | | | | | | | | | | | | | | | 44 |
| ...4 | | | | | | | | | | | | | | | | | | | | | | |
| ...4 | | | | | | | | | | | | | | | | | | | | | | |
| ...3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| ...4 | | | | | | | | | | | | | | | | | | | | | | |
| ...4 | | | | | | | | | | | | | | | | | | | | | | 5 |
| ...C | | .1 | 1.2 | 1.2 | 2.4 | 2.5 | 2.5 | 3.7 | 5.7 | 6.2 | 7.8 | 6.9 | 10.5 | 10.3 | 8.5 | 31.1 | | | | 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. | 4396 39 | 26359 | 28.3 | 14.404 | 930 | | | | | | | |
| Dry Bulb | 2359116 | 379.2 | 94.5 | 7.393 | 930 | | | 93.0 | 92.7 | 89.3 | 61.3 | |
| Wet Bulb | 4400 24 | 63924 | 68.7 | 2.721 | 930 | | | 74.8 | 4.3 | | | |
| Dew Point | 275278 | 49953 | 53.7 | 8.660 | 930 | | 1.7 | 2.8 | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

...745 | ...A,IS-M NTHAN AFB KS | 75-84 | JUL
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1800-2100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| /1 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| /2 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| /1 | | | | | | | | | | | | | | | | | 1.7 | 16 | 16 | | |
| /2 1 | | | | | | | | | | | | | | | | .2 | 5.0 | 48 | 48 | | |
| /5 | | | | | | | | | | | | | | | | 1.6 | 5.2 | 53 | 53 | | |
| /9 | | | | | | | | | | | | | | .3 | 1.8 | 1.3 | 4.2 | 71 | 71 | | |
| /8 | | | | | | | | | | | | | .6 | 1.8 | 2.2 | 1.4 | 3.6 | 89 | 89 | | |
| / | | | | | | | | | | | .1 | 1.3 | 1.7 | 2.6 | .2 | 1.1 | 1.6 | 86 | 86 | | |
| / | | | | | | | | | | .2 | 1.0 | 2.7 | 2.2 | 1.2 | .5 | .4 | .6 | 82 | 82 | | |
| 8 | | | | | | | | | .1 | .4 | 1.3 | 2.2 | .9 | .4 | .1 | .1 | .0 | 63 | 63 | | |
| / | | | | | | | | | 1.3 | 2.2 | 3.0 | 1.3 | .3 | .1 | .1 | | | 77 | 77 | | |
| / | | | | | | | .1 | 1.3 | 1.8 | 2.2 | .6 | .8 | | .1 | | | | 61 | 61 | | |
| /7 | | | | | | .1 | . | 2.2 | 1.5 | 1.3 | .2 | | | | | | | 57 | 57 | | |
| / 1 | | | | .1 | .6 | .4 | 1.2 | 2.9 | 1.1 | .8 | .1 | | | | | | | 67 | 67 | | |
| / 9 | | | .1 | .1 | .4 | 1.9 | 2.4 | .5 | .4 | .1 | | | | | | | | 56 | 56 | | |
| 7 / 7 | | | . | .4 | 1.1 | 1.7 | .3 | | | | | | | | | | | 35 | 35 | | |
| / 7 | | | . | .9 | 1.1 | .5 | | | | | | | | | | | | 25 | 25 | 3 | |
| / | | | .2 | .6 | .4 | | | | | | | | | | | | | 12 | 13 | 20 | 3 |
| / 71 | | .1 | .1 | .5 | | | | | | | | | | | | | | 9 | 9 | 133 | 5 |
| / 55 | | | .1 | .2 | .2 | | | | | | | | | | | | | 5 | 5 | 250 | 12 |
| / 69 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 230 | 22 |
| / 59 | | | | | | | | | | | | | | | | | | | | 169 | 59 |
| / 6 | | | | | | | | | | | | | | | | | | | | 77 | 77 |
| / 3 | | | | | | | | | | | | | | | | | | | | 33 | 47 |
| / 2 | | | | | | | | | | | | | | | | | | | | 17 | 94 |
| / 1.7 | | | | | | | | | | | | | | | | | | | | 7 | 88 |
| 5 / 66 | | | | | | | | | | | | | | | | | | | | | 75 |
| / 53 | | | | | | | | | | | | | | | | | | | | | 62 |
| / 4 | | | | | | | | | | | | | | | | | | | | | 42 |
| / 4 | | | | | | | | | | | | | | | | | | | | | 29 |
| / 47 | | | | | | | | | | | | | | | | | | | | | 32 |
| / 4 | | | | | | | | | | | | | | | | | | | | | 15 |
| 4 / 43 | | | | | | | | | | | | | | | | | | | | | 21 |
| / 41 | | | | | | | | | | | | | | | | | | | | | 42 |

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

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

...L...TAL CLIMATOLOGY BRANCH
...AFETAC
A... ...EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...274... STATION | ...AVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | ...H MONTH

... 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... / ... | | | | | | | | | | | | | | | | | | | | | |
| ... / 37 | | | | | | | | | | | | | | | | | | | | | |
| ... / 35 | | | | | | | | | | | | | | | | | | | | | |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | |
| ... / ... | | | | | | | | | | | | | | | | | | | | | |
| ... / 29 | | | | | | | | | | | | | | | | | | | | | |
| T... | .1 | 1.1 | 3.1 | 3.9 | 4.7 | 4.6 | 6.5 | 6.2 | 7.1 | 7.0 | 8.2 | 5.7 | 6.7 | 5.6 | 6.0 | 3.1 | 929 | 93... | 929 | 929 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1440545 | 32309 | 34.7 | 18.479 | 929 | | | | | | | |
| Dry Bulb | 7516451 | 83281 | 89.6 | 7.948 | 930 | | | 93.0 | 91.5 | 81.9 | 37.9 | 93 |
| Wet Bulb | 4253274 | 62796 | 67.6 | 3.037 | 929 | | | 62.7 | 2.3 | | | 93 |
| Dew Point | 2627035 | 50431 | 54.3 | 9.814 | 929 | | 2.. | 5.2 | .3 | | | 93 |

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

2

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

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

# PSYCHROMETRIC SUMMARY

| 72274 | DAVIS-MONTHAN AFB AZ | 75-84 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

...E 1 ...-2?
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 |
| ... 07 | | | | | | | | | | | | | | | | | .4 | 5 | 6 | | |
| ... 87 | | | | | | | | | | | | | | .1 | .4 | .5 | .3 | 16 | 17 | | |
| ... 1 | | | | | | | | | | | | | .3 | .5 | .5 | .4 | 2.3 | 58 | | | |
| ... 2 | | | | | | | | | | | | .4 | 1.4 | 1.1 | .9 | 1.7 | .8 | 58 | 58 | | |
| ... 8 | | | | | | | | | | .1 | 1.2 | 1.6 | 1.5 | 1.1 | 1.0 | 1.2 | .4 | 56 | 56 | | |
| ... 87 | | | | | | | | .2 | .4 | 1.1 | 2.3 | 2.2 | .6 | .9 | .8 | 1.1 | .1 | 59 | 60 | | |
| ... 1 | | | | | | | .1 | .1 | 2.0 | 2.4 | 1.9 | .5 | .9 | .9 | .5 | .5 | | 62 | 64 | | |
| ... 1 | | | | | | .2 | .5 | .8 | 2.4 | 2.0 | .8 | .2 | .3 | | .5 | .1 | | 66 | 68 | | |
| ... 71 | | | | .2 | .2 | 1.2 | 1.1 | 3.3 | 1.7 | 1.4 | .2 | .2 | | .4 | .2 | | | 1.8 | 1.8 | | |
| ... 7 | | | | .3 | 1.2 | 2.5 | 3.3 | 1.2 | .9 | .4 | | .1 | | .4 | | | | 1.00 | 1.00 | | |
| 7 ... 77 | | .1 | .4 | .2 | 2.0 | 4.7 | 1.2 | 1.3 | .2 | | .1 | | .1 | | | | | 1.2 | 1.2 | | |
| ... 7 | | | .4 | 2.2 | 3.3 | 1.9 | .3 | .1 | | | | | .1 | | | | | 77 | 77 | 4 | |
| ... 73 | | .1 | 1.1 | 1.2 | 1.4 | .3 | .1 | | | | | | | | | | | 80 | 80 | 25 | 7 |
| ... 71 | | .2 | 1.1 | .3 | .1 | .1 | | | | | | | | | | | | 82 | 82 | 75 | 17 |
| ... 69 | | | 1.1 | .3 | .1 | | | | | | | | | | | | | 14 | 14 | 143 | 27 |
| ... 67 | | | | | | | | | | | | | | | | | | | | 269 | 63 |
| ... 65 | | | | | | | | | | | | | | | | | | | | 138 | 35 |
| ... 63 | | | | | | | | | | | | | | | | | | | | 74 | 14 |
| ... 61 | | | | | | | | | | | | | | | | | | | | 73 | 9 |
| ... 59 | | | | | | | | | | | | | | | | | | | | 40 | 4 |
| ... 57 | | | | | | | | | | | | | | | | | | | | 22 | 7 |
| 5 ... 55 | | | | | | | | | | | | | | | | | | | | 10 | 6 |
| ... 53 | | | | | | | | | | | | | | | | | | | | 5 | 4 |
| ... 51 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| ... 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4 ... 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4 ... 43 | | | | | | | | | | | | | | | | | | | | | |
| ... 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4 ... 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| ... 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 3 ... 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| ... 31 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

2

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

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | JUL MONTH

[illegible] 2100-2700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL 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 | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2232333 | 41347 | 44.5 | 20.596 | 930 | | | | | | | |
| Dry Bulb | 6475625 | 77152 | 83.[illegible] | 6.152 | 930 | | | 93.0 | 89.4 | 62.2 | 5.[illegible] | [illegible] |
| Wet Bulb | 4105 81 | 61685 | 66.[illegible] | 3.943 | 93[illegible] | | | [illegible].5 1 | 2.4 | | | [illegible].7 |
| Dew Point | 3002.45 | 51899 | 55.[illegible] | 10.782 | 930 | | 4.7 | 1.[illegible]2 | [illegible].3 | | | [illegible] |

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

1 [illegible] CLIMATOLOGY BRANCH
2 [illegible] USAFETAC
[illegible] FAT[illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | JUL MONTH

[illegible] HOURS (L. S. T.) 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. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] /10 | | | | | | | | | | | | | | | | | .1 | | | | |
| /1[illegible] | | | | | | | | | | | | | | | | | . | 14 | 1[illegible] | | |
| /1[illegible] | | | | | | | | | | | | | | | | | . | | | | |
| /1[illegible] | | | | | | | | | | | | | | . | | .[illegible] | 1.[illegible] | 112 | 11[illegible] | | |
| /1[illegible] 1 | | | | | | | | | | | | | | | .0 | .[illegible] | [illegible].7 | 22[illegible] | 2[illegible] | | |
| /[illegible] | | | | | | | | | | | | | .[illegible] | .[illegible] | .4 | 1.0 | 1.[illegible] | 2[illegible] | 2[illegible] | | |
| /[illegible]67 | | | | | | | | | | | | .0 | .1 | .[illegible] | 1.6 | .7 | 1.[illegible] | 33[illegible] | 33[illegible] | | |
| /[illegible] | | | | | | | | | | | . | .1 | .[illegible] | 1.[illegible] | .9 | .[illegible] | 1.1 | 3[illegible]3 | 3[illegible]3 | | |
| /[illegible] | | | | | | | | | .0 | .0 | .1 | .[illegible] | 1.3 | 1.[illegible] | .7 | .4 | .[illegible] | 4[illegible]5 | 4[illegible]5 | | |
| /[illegible]91 | | | | | | | .[illegible] | | .0 | .1 | .7 | 1.0 | 1.5 | .[illegible] | .[illegible] | .4 | .4 | 44[illegible] | 44[illegible] | | |
| /[illegible]8 | | | | | | | .0 | | .1 | .7 | 1.[illegible] | 1.6 | .8 | .4 | .4 | .[illegible] | .3 | 45[illegible] | 45[illegible] | | |
| /[illegible]7 | | | | | | .[illegible] | .[illegible] | .2 | .6 | 1.4 | 1.7 | 1.3 | .3 | .4 | .2 | .[illegible] | .[illegible] | 48[illegible] | 4[illegible]6 | | |
| /[illegible] | | | | | .0 | .1 | .1 | .5 | 1.4 | 1.7 | 1.3 | .6 | .3 | .3 | .[illegible] | .[illegible] | .[illegible] | 5[illegible]9 | 5[illegible]9 | | |
| /[illegible] | | | | | | .1 | .[illegible] | 1.5 | 1.7 | 1.5 | 1.[illegible] | .[illegible] | .[illegible] | .[illegible] | .1 | .[illegible] | | [illegible]02 | [illegible]8[illegible] | | |
| /[illegible]31 | | | | .[illegible] | .1 | .[illegible] | 1.1 | 2.[illegible] | 1.6 | 1.[illegible] | .[illegible] | .3 | .2 | .[illegible] | .1 | | | 6[illegible]2 | 6[illegible]3 | | |
| /[illegible]7 | | | . | .1 | .4 | 1.[illegible] | 2.7 | 1.3 | .9 | .5 | .2 | .2 | .[illegible] | .2 | .[illegible] | | | 5[illegible] | 5[illegible]1 | [illegible] | |
| 7[illegible]77 | | .[illegible] | .1 | .4 | 1.4 | 2.[illegible] | 1.[illegible] | 1.2 | .5 | .2 | .2 | .2 | .1 | .1 | | | | 54[illegible] | 54 | [illegible]9 | |
| /[illegible]7 | | | .[illegible] | 1.2 | 2.7 | 1.[illegible] | .7 | .[illegible] | .1 | .1 | .2 | .2 | .2 | .[illegible] | | | | 5[illegible] | 5[illegible] | [illegible]4 | |
| /[illegible]3 | | .[illegible] | .[illegible] | 1.[illegible] | 2.[illegible] | .4 | .1 | .1 | .1 | .1 | .1 | .3 | .[illegible] | .[illegible] | | | | 4[illegible] | 4[illegible] | 14[illegible] | 14 |
| /[illegible]71 | .[illegible] | .3 | .[illegible] | 1.[illegible] | .2 | .2 | .1 | .[illegible] | .[illegible] | .1 | .2 | .2 | .[illegible] | | | | | [illegible]2 | [illegible]3[illegible] | [illegible]8 | [illegible] |
| /[illegible]0 | | .[illegible] | .[illegible] | .3 | .2 | .1 | | | [illegible] | .1 | .2 | | .[illegible] | | | | | 1[illegible]0 | 1[illegible] | 16[illegible]6 | 11[illegible] |
| /67 | | .1 | .1 | .[illegible] | | | | .[illegible] | .[illegible] | .1 | .[illegible] | | | | | | | [illegible]3 | [illegible]3 | 13[illegible]6 | [illegible]3 |
| [illegible]/[illegible]6 | | | | | | | | .[illegible] | .[illegible] | .[illegible] | | | | | | | | [illegible] | [illegible] | 12[illegible]2 | 54[illegible] |
| [illegible]/[illegible]3 | | | | | | | | | | | | | | | | | | | | 6[illegible]4 | 54[illegible] |
| /[illegible]21 | | | | | | | | | | | | | | | | | | | | 37[illegible] | 77[illegible] |
| /[illegible]9 | | | | | | | | | | | | | | | | | | | | [illegible]1 | [illegible]3[illegible] |
| /[illegible]7 | | | | | | | | | | | | | | | | | | | | 11[illegible] | [illegible]4[illegible] |
| 5/[illegible]5 | | | | | | | | | | | | | | | | | | | | [illegible]8 | 6[illegible]2 |
| [illegible]/[illegible]7 | | | | | | | | | | | | | | | | | | | | 67 | 52[illegible] |
| [illegible]/[illegible]1 | | | | | | | | | | | | | | | | | | | | [illegible]3 | [illegible]1[illegible] |
| /[illegible]4 | | | | | | | | | | | | | | | | | | | | 35 | [illegible]2 |
| [illegible]/[illegible]47 | | | | | | | | | | | | | | | | | | | | [illegible] | 17[illegible] |
| [illegible]/[illegible]4[illegible] | | | | | | | | | | | | | | | | | | | | 1 | 171 |
| [illegible]/[illegible]8[illegible] | | | | | | | | | | | | | | | | | | | | | 14[illegible] |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | [illegible] |

PERIOD: [illegible] HOURS (L. S. T.): ALL

| Temp. (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] | .[illegible] | .[illegible] | 2.[illegible] | 5.[illegible] | 7.[illegible] | 7.1 | 6.7 | 7.9 | 7.2 | 7.6 | 7.9 | 7.7 | 5.7 | 6.3 | 5.0 | 4.3 | 11.2 | 7438 | 7440 | 7436 | 74[illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 154[illegible] | 3[illegible] | 41.[illegible] | 19.824 | 7438 | | | | | | | |
| Dry Bulb | 545[illegible]41[illegible] | 633333 | 85.1 | 8.917 | 7440 | | | 743.4 | 7[illegible].9 | [illegible].2 | 1[illegible].3 | 744 |
| Wet Bulb | 331746.4 | 495758 | 66.7 | 4.263 | 7439 | | | 45[illegible] | 17.[illegible] | | | 744 |
| Dew Point | 2[illegible]534[illegible] | 412044 | 55.4 | 9.763 | 7438 | | 29.3 | 46.[illegible] | 1. | | | 744 |

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

2

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

# PSYCHROMETRIC SUMMARY

... STATION | ...AMIS-A...MAN AFB AZ STATION NAME | 75-84 YEARS | ... MONTH

... 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 | .2 | .4 | .1 | | .1 | | | | | |
| ... | | | | | | .1 | .1 | .2 | .4 | .5 | 1.4 | 1.4 | .5 | .2 | | | | 48 | 48 | | |
| ... | | | | | | .1 | .2 | 1.2 | 1.5 | 1.4 | 1.0 | .3 | .2 | .2 | | | | 84 | 84 | | |
| ... | | | | | | .3 | .2 | 3.0 | 3.3 | 2.2 | 1.3 | .6 | .2 | | .1 | | | 119 | 119 | | |
| ... | | | | | .1 | .2 | 1.6 | 5.4 | 3.1 | 3.7 | 1.1 | .9 | | .1 | | | | 133 | 133 | | |
| ... | | | | .3 | 1.4 | 4.5 | 3.2 | 2.8 | 1.9 | 1.4 | .6 | 1.0 | .1 | | | | | 115 | 115 | | |
| ... | | .1 | 1.3 | 2.6 | 3.5 | 1.6 | 1.6 | 1.4 | 1.5 | .6 | .3 | .2 | .1 | | | | | 134 | 134 | 1 | |
| ... | .1 | .2 | 2.2 | 2.2 | 2.0 | .4 | .6 | 1.0 | .6 | 1.0 | .3 | .2 | | | | | | 114 | 114 | 7 | |
| ... | .1 | .4 | 1. | 1.3 | .6 | .2 | .5 | .2 | .9 | .2 | | | | | | | | 82 | 82 | 47 | |
| ... | .1 | .3 | 1. | .5 | .4 | .2 | .2 | .2 | | | | | | | | | | 49 | 47 | 122 | |
| ... | | .2 | .1 | .6 | | .1 | | | | | | | | | | | | 20 | 20 | 229 | |
| ... | | | | | | | | | | | | | | | | | | | | 175 | 69 |
| ... | | | | | | | | | | | | | | | | | | | | 147 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 73 | 7 |
| ... | | | | | | | | | | | | | | | | | | | | 44 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 34 | 7 |
| ... | | | | | | | | | | | | | | | | | | | | 22 | 3 |
| ... | | | | | | | | | | | | | | | | | | | | 12 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 4 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 3 |
| ... | | | | | | | | | | | | | | | | | | | | | 4 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | .1 | 2.1 | 3.7 | 7.5 | 8.8 | 9.7 | 12.7 | 14.0 | 13.9 | 9.4 | 5.9 | 4.9 | 2.4 | 1.3 | .1 | .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. | ... | 4,340 | 53.1 | 17.9 | 930 | | | | | | | |
| Dry Bulb | ... | 72,10... | 77.4 | 4.448 | 930 | | | 63.2 | 30.7 | 32.0 | | |
| Wet Bulb | ... | 6,699 | 65.3 | 4.34 | 930 | | | 41.2 | .5 | | | |
| Dew Point | ... | 3,624 | 57.7 | 8.27 | 930 | | .7 | 9.8 | .3 | | | |

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

# PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 55-64 MONTH _____

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 | | | | | | | | | | | | | | |
| | | | | | | | | | | | .4 | | .2 | | | | | | | | | | | | | | |
| | | | | | | | | | .4 | .2 | .3 | .4 | | | | | | | | | | | | | | | |
| | | | | | | | | .6 | 1.3 | 1.1 | 1.3 | .5 | .4 | | | | | | | | | | | | | | |
| | | | | | | 1.7 | 5.1 | 3.2 | 2.7 | 1.3 | .8 | .1 | | | | | | | | | | | | | | | |
| | | | | .1 | 1.4 | 4.7 | 2.7 | 4.1 | 1.7 | .4 | .2 | .1 | | | | | | | | | | | | | | | |
| | | | .2 | .2 | .8 | 5.7 | 3.1 | 3.7 | 1.1 | 1.1 | .2 | | | | | | | | | | | | | | | | |
| | | .1 | .1 | 2.7 | 3.2 | 2.5 | 2.1 | 1.6 | 1.2 | .9 | | .1 | | | | | | | | | | | | | | | |
| | | 1.7 | 2.1 | 2.9 | 1.8 | .9 | 1.2 | 1.4 | .4 | .4 | .7 | | | | | | | | | | | | | | | | |
| | | 1.1 | 1.1 | .5 | .9 | .7 | .6 | .3 | .6 | .4 | | | | | | | | | | | | | | | | | |
| | | 1.7 | 1.1 | .5 | .2 | .5 | .3 | .2 | .1 | | | | | | | | | | | | | | | | | | |
| | | .1 | .2 | .1 | | .1 | .1 | | | | | | | | | | | | | | | | | | | | |
| | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | |
| | .2 | 4.7 | .1 | 9.7 | 11.0 | 15.2 | 14.1 | 16.0 | 9.4 | 5.9 | 3.7 | 1.5 | .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. | 331.2% | 53747 | 57.4 | 16.662 | 930 | | | | | | | |
| Dry Bulb | 5249.25 | 69766 | 75.0 | 4.768 | 930 | | | 92.0 | 67.7 | 14.0 | | |
| Wet Bulb | 379166 | 59946 | 64.5 | 4.40 | 93[illegible] | | | 33.[illegible] | | | | 57 |
| Dew Point | 31657.1 | 53 31 | 57.2 | 7.324 | 93[illegible] | | .3 | .2 | | | | 53 |

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

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | 75-84 YEARS | MONTH

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 |
| / 8 | | | | | | | | | | | | | .1 | .1 | | | | | | | |
| / | | | | | | | | .1 | | .1 | .2 | | .2 | .1 | .1 | | | | | | |
| / | | | | | | | .1 | | .8 | .6 | .3 | .7 | .2 | | | | | 1 | 1 | | |
| | | | | | .1 | .1 | .4 | 1.1 | 1.4 | .8 | .8 | .4 | | | | | | 47 | 47 | | |
| / 1 | | | | | .1 | .4 | .5 | 1.9 | 2.0 | 1.7 | 1.2 | .3 | .2 | | | | | 91 | 91 | | |
| | | | | | .4 | 1.3 | 4.2 | 3.0 | 2.6 | 1.0 | 1.0 | .2 | .1 | | | | | 134 | 134 | | |
| 7 / 7 | | | | .2 | .2 | .4 | 2.9 | 3.3 | 1.6 | 1.2 | .1 | .1 | | | | | | 155 | 155 | | |
| / 7 | | | .1 | 1.4 | 3.1 | 4.2 | 2.1 | 2.3 | .6 | 1.2 | .3 | | | | | | | 145 | 145 | 1 | |
| / 7 | | .3 | 1.2 | 2.2 | 4.0 | 2.2 | 2.7 | .9 | .3 | .4 | | | | | | | | 135 | 135 | 4 | 1 |
| / 71 | | 1.1 | 1.2 | 3.1 | 1.5 | .2 | .2 | .5 | .2 | .3 | .2 | | | | | | | 99 | 98 | 10 | 4 |
| | .1 | 1.1 | 1.7 | .5 | .6 | .2 | .1 | 1.4 | .2 | | | | | | | | | 67 | 67 | 136 | 21 |
| / 67 | | .2 | .4 | .3 | .3 | .4 | .4 | .2 | .1 | | | | | | | | | 37 | 37 | 294 | 98 |
| / 6 | | | .1 | .2 | | .3 | | .1 | | | | | | | | | | 5 | 5 | 233 | 41 |
| / 6 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 131 | 131 |
| / 6 | | | | | | | | | | | | | | | | | | | | 96 | 113 |
| / 5 | | | | | | | | | | | | | | | | | | | | 55 | 12 |
| / 57 | | | | | | | | | | | | | | | | | | | | 35 | 9 |
| / 5 | | | | | | | | | | | | | | | | | | | | 20 | 24 |
| / 5 | | | | | | | | | | | | | | | | | | | | 7 | 11 |
| / 51 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| / 4 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 47 | | | | | | | | | | | | | | | | | | | | | 3 |
| / 4 | | | | | | | | | | | | | | | | | | | | | 5 |
| / 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 42 | | | | | | | | | | | | | | | | | | | | | 11 |
| / | | | | | | | | | | | | | | | | | | | | | 4 |
| / 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| / 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 2.7 | 6.6 | 8.6 | 12.3 | 15.9 | 15.7 | 14.8 | 9.9 | 7.1 | 4.2 | 1.3 | .9 | .3 | .1 | | | 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. | 31[illegible]573 | 52188 | 56.1 | 15.803 | 930 | | | | | | | |
| Dry Bulb | 5407114 | 70918 | 76.3 | 4.546 | 930 | | | 92.1 | 72.3 | 22.4 | | |
| Wet Bulb | 3960103 | 62579 | 65.1 | 3.891 | 930 | | | 38.5 | .5 | | | 93 |
| Dew Point | 3221696 | 54364 | 58.5 | 6.866 | 930 | | .1 | 8.3 | .1 | | | 93 |

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

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

# PSYCHROMETRIC SUMMARY

...STATION | ...-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | APR MONTH

PART 1 | 1200-1500 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 | 4 | | |
| ... | | | | | | | | | | | | | | .1 | | .4 | | 12 | 12 | | |
| ... | | | | | | | | | | | | | .4 | .2 | .4 | .2 | .4 | 17 | 17 | | |
| ... | | | | | | | | | | .1 | .6 | .6 | 1.3 | .8 | 1.6 | .8 | .2 | 55 | 55 | | |
| ... | | | | | | | | .1 | | .1 | 2.0 | 2.0 | 1.7 | 1.4 | 1.5 | .3 | | 86 | 86 | | |
| ... | | | | | | | | | .4 | 2.4 | 2.4 | 3.7 | 2.6 | 1.1 | .5 | .4 | | 125 | 125 | | |
| ... | | | | | | | | .8 | 2.4 | 3.3 | 4.5 | 2.3 | 1.7 | .6 | .4 | .1 | | 17 | 15 | | |
| ... | | | | | | | .4 | 2.2 | 3.4 | 3.5 | 2.9 | 1.0 | .5 | .4 | .1 | .1 | | 14 | 15 | | |
| ... | | | | | | .7 | 1.3 | 4.0 | 3.5 | 2.6 | 1.1 | .4 | .4 | .1 | | | | 17 | 12 | | |
| ... | | | | | .2 | 1.3 | 2.6 | 2.8 | 2.2 | .4 | .5 | .1 | .3 | | | | | 14 | 14 | | |
| ... | | | | | .3 | 1.4 | 1.6 | 1.3 | .4 | .3 | .1 | | .1 | | | | | 5 | 5 | | |
| 7 ... | | | .1 | .2 | 1.0 | .9 | .3 | .1 | .1 | | | | | | | | | 28 | 28 | 1 | |
| ... | | | .2 | .4 | .5 | .5 | | .1 | | | | | | | | | | 17 | 17 | | |
| ... | | .1 | .2 | | .1 | | | | | | | | | | | | | 5 | 5 | 14 | 1 |
| ... | | .1 | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 166 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 233 | 14 |
| ... | | | | | | | | | | | | | | | | | | | | 200 | 4 |
| ... | | | | | | | | | | | | | | | | | | | | 145 | 15 |
| ... | | | | | | | | | | | | | | | | | | | | 73 | 1 |
| ... | | | | | | | | | | | | | | | | | | | | 28 | 26 |
| ... | | | | | | | | | | | | | | | | | | | | 10 | 111 |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 5 ... | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| ... | | | | | | | | | | | | | | | | | | | | | 2 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 5 |
| ... | | | | | | | | | | | | | | | | | | | | | 3 |
| ... | | | | | | | | | | | | | | | | | | | | | 17 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |
| ... | | | | | | | | | | | | | | | | | | | | | 3 |
| ... | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

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

2

# PSYCHROMETRIC SUMMARY

...94 | DAVIS-MONTHAN AFB AZ | 75-84 | A...
STATION | STATION NAME | YEARS | MONTH

... | 0900-11
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | .2 | 1.. | .5 | 2.2 | 4.4 | 6.7 | 11.9 | 12.5 | 12.8 | 14.. | 13.1 | 9.1 | 4.. | 4.6 | 2.4 | 1.. | 9.. | ... | 93. | ... |

| 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. | 1705647 | 37677 | 40.5 | 13.890 | 930 | | | | | | | |
| Dry Bulb | 6915064 | 80060 | 86.1 | 4.978 | 930 | | | 93.0 | 92.3 | 84.4 | .9 | |
| Wet Bulb | 4307492 | 63228 | 68.. | 3.078 | 930 | | | 66.4 | 3.7 | | | 9. |
| Dew Point | 3157787 | 53791 | 57.8 | 7.024 | 930 | | .1 | 5.6 | .1 | | | 5. |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12674 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
APR — MONTH
PAGE 1
1276-14 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /103 | | | | | | | | | | | | | | | | | .2 | 6 | | | |
| 2/101 | | | | | | | | | | | | | | | .1 | .3 | 1.5 | 21 | 21 | | |
| /99 | | | | | | | | | | | | | .1 | .5 | 1.5 | 1.1 | 3.1 | 14 | 14 | | |
| /97 | | | | | | | | | | | | .2 | .9 | 1.5 | 3.1 | 2.3 | 3.2 | 25 | 25 | | |
| /95 | | | | | | | | | .1 | | .2 | 1.2 | 2.4 | 4.3 | 3.2 | 2.0 | 2.3 | 146 | 146 | | |
| /93 | | | | | | | | | .1 | .2 | .4 | 2.5 | 3.6 | 4.5 | 2.4 | 1.9 | .2 | 141 | 141 | | |
| /91 | | | | | | | | | .1 | .8 | 2.4 | 3.3 | 3.5 | 3.3 | 1.1 | .5 | .4 | 141 | 141 | | |
| /89 | | | | | | | | | .3 | 2.4 | 3.4 | 2.7 | 1.2 | 1.1 | .4 | | .2 | 139 | 139 | | |
| /87 | | | | | | | | .4 | 1.6 | 3.4 | 1.9 | .9 | | .6 | | .1 | | 4 | 4 | | |
| /85 | | | | | | | | .9 | 1.3 | 1.4 | .5 | .3 | .1 | | | | | 45 | 45 | | |
| /83 | | | | | | | .2 | 1.2 | 1.1 | .2 | .1 | | | | | | | 26 | 26 | | |
| /81 | | | | | .1 | .2 | .2 | .3 | .3 | | | | | | | | | 14 | 14 | | |
| /79 | | | | | .3 | .5 | .2 | | | | | | | | | | | 11 | 11 | 2 | |
| 2/77 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | 1 | |
| /75 | | | | .2 | .1 | | | | | | | | | | | | | 6 | 6 | 6 | 1 |
| /73 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 64 | 1 |
| /71 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 138 | |
| /69 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 276 | 7 |
| /67 | | | | | | | | | | | | | | | | | | | | 177 | .1 |
| /65 | | | | | | | | | | | | | | | | | | | | 133 | 47 |
| /63 | | | | | | | | | | | | | | | | | | | | 55 | 81 |
| /61 | | | | | | | | | | | | | | | | | | | | 19 | 111 |
| /59 | | | | | | | | | | | | | | | | | | | | 7 | 97 |
| /57 | | | | | | | | | | | | | | | | | | | | 4 | 142 |
| 5/55 | | | | | | | | | | | | | | | | | | | | | 117 |
| 2/53 | | | | | | | | | | | | | | | | | | | | | 72 |
| /51 | | | | | | | | | | | | | | | | | | | | | 63 |
| /49 | | | | | | | | | | | | | | | | | | | | | 30 |
| /47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 4/45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/43 | | | | | | | | | | | | | | | | | | | | | 24 |
| 2/41 | | | | | | | | | | | | | | | | | | | | | 24 |
| /39 | | | | | | | | | | | | | | | | | | | | | 3 |
| /37 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| ...2748 | ...IC-MONTHAN AFB, AZ | 73-84 | ...AR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

...FOR ... 1800-1400
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 |
| ...3 | | | | | | | | | | | | | | | | | | | | | |
| ...33 | | | | | | | | | | | | | | | | | | | | | |
| ...31 | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | .1 | .1 | .4 | .9 | 1.... | 2.6 | 4.9 | 8.4 | 9.4 | 11.5 | 11.8 | 15.4 | 11.3 | ...3 | ...0 | | ...5 | ...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. | 1010...31 | 23645 | 30.8 | 11.753 | 930 | | | | | | | |
| Dry Bulb | 7...334 | 85820 | 92.3 | 5.073 | 930 | | | 93.0 | 92.7 | 91.4 | 4...6 | ... |
| Wet Bulb | 43...021 | 63901 | 68.7 | 2.995 | 930 | | | 71.6 | 7...3 | .1 | | 97 |
| Dew Point | 2916...3 | 51606 | 55.5 | 7.513 | 930 | | .3 | 3.3 | .2 | | | 43 |

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

USAFETAC

2

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

# PSYCHROMETRIC SUMMARY

...41 ... LEWIS-MCCHORD AFB WA — 75-84 — ... — MONTH

PART I — 15...-17... HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1 | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| /1 | | | | | | | | | | | | | | | | | | | | | |
| /1 | | | | | | | | | | | | | | | | .2 | 1.4 | 19 | 19 | | |
| /1 | | | | | | | | | | | | | | | .3 | .4 | 4.5 | 46 | 46 | | |
| / | | | | | | | | | | | | | | .2 | 1.2 | 3.0 | 5.2 | 58 | | | |
| / 9 | | | | | | | | | | | .1 | .4 | 1.1 | 1.7 | 5.2 | 4.4 | 4.4 | 101 | 102 | | |
| / | | | | | | | | | | | .1 | 1.2 | 1.4 | 4.6 | 2.9 | 3.9 | 3.1 | 152 | 152 | | |
| / | | | | | | | | | | | .3 | 2.0 | 3.6 | 2.3 | 1.9 | 1.2 | 1.3 | 117 | 117 | | |
| / | | | | | | | | | | .2 | 1.7 | 2.7 | 3.4 | 1.8 | .4 | .5 | .2 | 1 1 | 1 1 | | |
| / 8 | | | | | | | | | .3 | 1.3 | 2.3 | 1.2 | 1.2 | .4 | .4 | | .1 | 64 | 64 | | |
| / 7 | | | | | | | | .2 | 1.1 | 1.4 | .9 | .4 | .2 | .1 | | | | 40 | 4 | | |
| / | | | | | | | | .9 | .5 | .8 | .4 | | | | | | | 24 | | | |
| / | | | | | | | .1 | .9 | .5 | .2 | .1 | | | | | | | 12 | | | |
| / 2 | | .1 | | | | .2 | | .5 | .3 | .1 | | | | | | | | 6 | 2 | | |
| / 2 | | .1 | | | .2 | .1 | .6 | | .1 | | | | | | | | | 15 | 1 | 1 | 1 |
| 7 / 7 | | | .1 | .3 | .3 | .2 | .1 | .1 | | | | | | | | | | 1 | 1 | 3 | 1 |
| / 7 | | | .1 | .2 | .3 | .2 | .2 | .1 | | | | | | | | | | 1 | 1 | 8 | |
| 4/ 7 | | .1 | .3 | | .5 | | | | | | | | | | | | | 1 | 1 | 31 | |
| / 7 | | .2 | .1 | .2 | | | | | | | .1 | | | | | | | 1 | 1 | 14 | 1 |
| / 6 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 267 | 9 |
| / 6 | | .1 | .1 | | .1 | | | | | | | | | | | | | 3 | 3 | 221 | 2 |
| / 5 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| / 5 | | | | | | | | | | | | | | | | | | | | 61 | 9 |
| / 5 | | | | | | | | | | | | | | | | | | | | 23 | 2 |
| / 5 | | | | | | | | | | | | | | | | | | | | 6 | 7 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 5 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| / 5 | | | | | | | | | | | | | | | | | | | | | |
| / 4 | | | | | | | | | | | | | | | | | | | | | |
| / 47 | | | | | | | | | | | | | | | | | | | | | |
| / 4 | | | | | | | | | | | | | | | | | | | | | |
| / 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 724765 | DAVIS-MONTHAN AFB AZ | 75-84 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PART C 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 |
| / 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| 60 / 67 | | | | | | | | | | | | | | | | | | | | | 21 |
| 68 / 75 | | | | | | | | | | | | | | | | | | | | | 11 |
| 76 / 83 | | | | | | | | | | | | | | | | | | | | | 2 |
| 84 / 91 | | | | | | | | | | | | | | | | | | | | | 2 |
| 1 [illegible] | .0 | 1.4 | 1.1 | 1.3 | 1.4 | 2.2 | 2.7 | 3.1 | 4.0 | 5.4 | 8.1 | 13.7 | 10.7 | 12.1 | 12.6 | 21.7 | | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10[illegible]5523 | 27347 | 3[illegible].3 | 15.441 | 929 | | | | | | | |
| Dry Bulb | 9089643 | 86530 | 93.2 | 6.899 | 930 | | | 93.7 | 91.5 | 87.2 | 56.1 | [illegible] |
| Wet Bulb | 4352143 | 63598 | 68.5 | 2.993 | 929 | | | 70.7 | 7.3 | .1 | | [illegible] |
| Dew Point | 2601053 | 50459 | 54.3 | 8.065 | 929 | | .3 | 3.5 | .2 | | | 5.7 |

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

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[redacted] STATION | [redacted] AFB AZ STATION NAME | 75-84 YEARS | APR MONTH

PAGE 1 | 1300-1[redacted] 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [redacted] | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| [redacted] | | | | | | | | | | | | | | | | | .1 | 4 | 4 | | |
| [redacted] | | | | | | | | | | | | | | | | | 1.2 | 11 | 11 | | |
| [redacted] | | | | | | | | | | | | | | .1 | | .2 | 1.7 | 14 | [redacted] | | |
| [redacted] | | | | | | | | | | | .1 | | .2 | 1.6 | 1.2 | 2.6 | .1 | .1 | [redacted] | | |
| [redacted] | | | | | | | | | | | | .1 | .6 | 2.3 | 1.3 | 2.4 | 2.4 | 2 | [redacted] | | |
| [redacted] | | | | | | | | | | | .6 | 1.0 | 2.2 | 1.6 | 1.5 | 2.5 | 1.1 | 1 | 1 | | |
| [redacted] | | | | | | | | | | | 1.4 | 2.1 | 2.6 | 2.5 | 1.4 | 2.1 | .3 | 118 | 11 | | |
| [redacted] | | | | | | | | | .2 | 1.1 | 2.2 | 2.3 | 1.5 | 1.4 | 1.1 | .5 | .2 | 1 4 | 1 | | |
| [redacted] | | | | | | | | .2 | .6 | 2.3 | 1.9 | 1.4 | 1.3 | .8 | .6 | .1 | | 7 | 7 | | |
| [redacted] | | | | | | | | 1.1 | 2.1 | 1.7 | 1.7 | .2 | .9 | .4 | .2 | | | 75 | 7 | | |
| [redacted] | | | | | | | | 1.5 | 1.7 | 1.2 | .4 | .1 | .2 | .1 | | | | 26 | 5 | | |
| [redacted] | | | | | | .8 | 1. | 1.4 | .9 | .2 | .4 | | .1 | | | | | 29 | [redacted] | | |
| [redacted] | | | | | 1.1 | 1.1 | .4 | .2 | .4 | | | | | | | | | 54 | 54 | | |
| [redacted] | | | .2 | .2 | 1.2 | 1.5 | .5 | .3 | .1 | | | | | | | | | 76 | 7 | | |
| [redacted] | | | .5 | .3 | 1.2 | .5 | .1 | | | | | | | | | | | 3 | [redacted] | | |
| [redacted] | | .2 | 1.1 | .6 | 1.1 | .3 | | | | | | | | | | | | 6 | [redacted] | 14 | |
| [redacted] | | .4 | .4 | .5 | .6 | .1 | .1 | | | | | | | | | | | 1 | [redacted] | 11 | [redacted] |
| [redacted] | | .1 | .1 | .2 | .1 | | | | | | | | | | | | | [redacted] | [redacted] | 223 | 19 |
| [redacted] | | .2 | .2 | .1 | | | | | | | | | | | | | | [redacted] | [redacted] | 231 | 34 |
| [redacted] | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 157 | 57 |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | 1 [redacted] | 7 |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | 53 | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | 31 | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | 4 | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |
| [redacted] | | | | | | | | | | | | | | | | | | [redacted] | [redacted] | [redacted] | [redacted] |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| 2...4 | AVI...MONTHAN AFB, AZ | 75-84 | A... |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

Pa... 1e...
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | .1 | .1 | 2.5 | 4.6 | 4.0 | 3.1 | 4.8 | 5.9 | 6.3 | 9.1 | 7.2 | 9.3 | 9.7 | 9.3 | 9.7 | 10.7 | | | | | |

| 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. | 1541... | 33597 | 36.3 | 19.684 | 926 | | | | | | | |
| Dry Bulb | 72597e7 | 31831 | 68.1 | 7.428 | 929 | | | 42.9 | 80.9 | 72.7 | 22.7 | |
| Wet Bulb | 41741... | 62251 | 67.2 | 3.169 | 926 | | | 58.9 | 1.7 | | | |
| Dew Point | 28...24 | 50770 | 54.8 | 8.633 | 926 | | .4 | 5.8 | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

...34 STATION | A...-WORTHAN AFB AP STATION NAME | 76-84 YEARS | APR MONTH

PAGE 1 | 12...-23... 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 | | | | | | | | | |
| ...7 | | | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | |
| ...5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...4 | | | | | | | | | | | | | | .7 | .4 | .2 | .1 | | | | | | | | | |
| ...1 | | | | | | | | | | | | .4 | .6 | .9 | 1.0 | .2 | | | | | | | | | | |
| ...8 | | | | | | | | | | .2 | 1.1 | 1.4 | 1.2 | 2.0 | .2 | .1 | .1 | | | | | | | | | |
| ...7 | | | | | | | | .1 | .4 | 1.2 | 2.2 | 1.9 | 1.4 | 1.6 | .4 | .1 | .1 | | | | | | | | | |
| ...6 | | | | | | | .2 | .5 | 2.4 | 1.6 | 3.0 | 1.9 | 1.4 | 1.2 | .2 | .1 | | | | | | | | | | |
| ...3 | | | | | | | .. | 1.2 | 3.5 | 2.9 | 1.4 | 1.6 | 1.2 | .4 | .2 | | | | | | | | | | | |
| ...1 | | | | | .1 | .1 | 1.4 | 3.5 | 2.2 | 1.8 | 1.2 | 1.3 | .6 | .1 | | | | | | | | | | | | |
| ...7 | | | | | .2 | 1.7 | 3.. | 1.5 | 1.. | .9 | .. | .4 | .1 | | | | | | | | | | | | | |
| 77 | | | | 1.2 | 2.7 | 1.. | 1.. | 1.1 | .6 | .2 | .4 | .4 | .1 | .1 | | | | | | | | | | | | |
| ...4 | | .. | .. | 1.0 | 1.3 | 1.2 | .. | .3 | | .3 | .2 | | | | | | | | | | | | | | | |
| ...9 | | .4 | 1.. | 1.. | 1.2 | .3 | .6 | | | | | | | | | | | | | | | | | | | |
| 71 | | .. | .3 | 1.. | .. | .1 | | | | | | | | | | | | | | | | | | | | |
| ...2 | | .. | .. | .. | .1 | | | | | | | | | | | | | | | | | | | | | |
| ...9 | | .1 | .. | .3 | | | | | | | | | | | | | | | | | | | | | | |
| ...5 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | |
| ...2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...6 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...8 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...7 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...5 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...1 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...2 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ...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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

72274 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
... — MONTH
... — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| ... | | ...2 | 4.2 | 6. | 6.7 | 6.7 | 7.5 | 8.2 | 10.0 | 9.9 | 10.2 | 6.5 | 6.4 | 7.2 | 3.1 | 1.2 | .4 | 2.7 | ... | 9.7 | ...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. | 2281675 | 42125 | 45.5 | 19.191 | 927 | | | | | | | |
| Dry Bulb | 6262119 | 76127 | 81.9 | 5.738 | 933 | | | 92.9 | 76.5 | 62.5 | 1.4 | |
| Wet Bulb | 4059302 | 61250 | 66.1 | 3.646 | 927 | | | 47.7 | .2 | | | |
| Dew Point | 3022763 | 52346 | 56.5 | 8.498 | 927 | | 1.2 | .4 | .2 | | | |

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

2

L AL CLIMATOLOGY BRANCH
AFETAC
A AFB SPECIAL/SAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | A/I>-MONTHAN AFB AZ STATION NAME | 72-84 YEARS | [illegible] MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1[illegible]7 | | | | | | | | | | | | | | | | | •[illegible] | 1 | 1 | | |
| /[illegible] | | | | | | | | | | | | | | | | | •1 | [illegible] | [illegible] | | |
| /4[illegible] | | | | | | | | | | | | | | | | • | •4 | [illegible] | [illegible] | | |
| /1[illegible]1 | | | | | | | | | | | | | | | •1 | •1 | •4 | 1 | 1 | | |
| /[illegible]9 | | | | | | | | | | | | | •[illegible] | •1[illegible] | •2 | •[illegible] | 1•3 | 1[illegible]5 | 1[illegible]5 | | |
| /[illegible]97 | | | | | | | | | | | •[illegible] | •1 | •2 | •4 | 1•2 | 1•1 | 1•4 | 3[illegible]4 | 3[illegible]5 | | |
| /[illegible] | | | | | | | | | •[illegible] | | •1 | •3 | •[illegible] | 1•4 | 1•[illegible] | •[illegible] | 1•[illegible] | 4[illegible]5 | 4[illegible] | | |
| /[illegible]9 | | | | | | | | | •[illegible] | •[illegible] | •[illegible] | •[illegible] | 1•[illegible] | 1•[illegible] | 1•[illegible] | •[illegible] | •[illegible] | 44[illegible]3 | 44[illegible]7 | | |
| /1 | | | | | | | | •[illegible] | •[illegible] | •1 | •[illegible] | 1•[illegible] | 1•[illegible] | 1•[illegible] | •7 | •[illegible] | •[illegible] | 477 | 47[illegible] | | |
| /8 | | | | | | | | | 2 | •9 | 1•[illegible] | 1•4 | 1•[illegible] | •[illegible] | •4 | •2 | •1 | 47[illegible]6 | 477 | | |
| /[illegible] | | | | | | | | •[illegible] | •[illegible] | 1•6 | 1•5 | •[illegible] | •7 | •[illegible] | •2 | •1 | •[illegible] | 47[illegible] | 47[illegible] | | |
| /[illegible] | | | | | | •[illegible] | •1 | •[illegible] | 1•4 | 1•[illegible] | 1•[illegible] | •7 | •5 | •[illegible] | •[illegible] | | | [illegible]4[illegible]4 | [illegible]4[illegible]5 | | |
| /[illegible]7 | | | | | •[illegible] | •1 | •[illegible] | 1•3 | 1•7 | 1•2 | •7 | •8 | •[illegible] | •1 | •[illegible] | | | [illegible]8[illegible]7 | [illegible]4 | | |
| /[illegible]1 | | | •[illegible] | | •1 | •[illegible] | 1•1 | 2•[illegible] | 1•[illegible] | 1•[illegible] | •[illegible] | •[illegible] | •[illegible] | •[illegible] | •[illegible] | | | [illegible]4[illegible]2 | [illegible]44 | | |
| 7/77 | | | •[illegible] | | •[illegible] | 1•[illegible] | 2•4 | 1•[illegible] | 1•4 | •6 | •4 | •[illegible] | •[illegible] | •[illegible] | | | | [illegible]2[illegible] | [illegible]1[illegible] | 3 | 1 |
| /7 | | | •[illegible] | •[illegible] | 1•1 | 1•7 | 1•[illegible] | 1•1 | •[illegible] | •4 | •4 | •1 | •[illegible] | •[illegible] | | | | [illegible]5 | [illegible] | [illegible]4 | [illegible] |
| [illegible]/7[illegible] | | •[illegible] | •[illegible] | 1•1 | 1•2 | 1•[illegible] | •7 | •[illegible] | •4 | •[illegible] | •3 | •[illegible] | | | | | | [illegible] | [illegible] | 1[illegible]1 | [illegible] |
| /[illegible]1 | • | •[illegible] | 1•1 | 1•[illegible] | •6 | •[illegible] | •[illegible] | •[illegible] | •2 | •1 | •1 | | | | | | | 34[illegible] | 34[illegible] | [illegible]13 | [illegible]7 |
| /[illegible] | •1 | •[illegible] | •[illegible] | •4 | •3 | •[illegible] | •[illegible] | •3 | •1 | •1 | | | | | | | | [illegible]17 | [illegible]1[illegible] | 16[illegible] | [illegible] |
| [illegible]/[illegible]5[illegible] | | •3 | •4 | •[illegible] | •1 | •[illegible] | •1 | •1 | •[illegible] | | | | | | | | | 114 | 114 | 171[illegible] | [illegible] |
| /[illegible] | | | •1 | •1 | | •1 | •[illegible] | •[illegible] | | | | | | | | | | 1[illegible] | 1[illegible] | 1311 | [illegible] |
| /[illegible] | | • | •1 | | | | | | | | | | | | | | | | | [illegible]77 | 7[illegible] |
| /1 | | | | | | | | | | | | | | | | | | | | 475 | 77[illegible] |
| /[illegible]6 | | | | | | | | | | | | | | | | | | | | [illegible]56 | 77[illegible] |
| /[illegible]57 | | | | | | | | | | | | | | | | | | | | 146 | [illegible]4 |
| [illegible]/[illegible] | | | | | | | | | | | | | | | | | | | | 7[illegible] | [illegible]7 |
| /[illegible] | | | | | | | | | | | | | | | | | | | | 7 | [illegible] |
| /[illegible]1 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| /[illegible]4 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| /47 | | | | | | | | | | | | | | | | | | | | [illegible] | 5[illegible] |
| [illegible]/4[illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| /[illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| /91 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |

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

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible] CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]AVIS-M[illegible]THAN AF[illegible] AZ | 75-84 | [illegible] |

HOURS (L. S. T.): ALL

| Temp. (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] | .[illegible] | 1.7 | [illegible]. | 4.6 | 6.1 | 7.[illegible] | 8. | 9.4 | [illegible].7 | 7.8 | 7.5 | 6.8 | 5.4 | 6.1 | 5.0 | 4.3 | [illegible].[illegible] | 74[illegible] | 743[illegible] | 7432 | 74[illegible] |

| Element (X) | Σx² | Σx | X̄ | σx | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16[illegible]69[illegible]31 | [illegible]24[illegible]29 | 4[illegible].7 | 19.[illegible]1[illegible] | 743[illegible] | | | | | | | |
| Dry Bulb | [illegible]2762954 | 673182 | [illegible] | 8.658 | 7439 | | | 741.9 | 673.9 | 472.7 | 14[illegible].6 | 744 |
| Wet Bulb | 331351[illegible]3 | 495452 | 66.7 | 7.43[illegible] | 7432 | | | 4[illegible]7.9 | 22.3 | .[illegible] | | 744 |
| Dew Point | 242[illegible]87[illegible] | 4[illegible]5791 | 56.6 | 7.903 | 7432 | | 3.7 | [illegible]2.7 | 1.1 | | | 744 |

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible] AFB AZ | 75-84 | [illegible] |

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

| Temp. (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] | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| [illegible] 8[illegible] | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| [illegible] 7 | | | | | | | | | .1 | | | | | | .1 | | | [illegible] | | | |
| [illegible] | | | | | | | | | | .[illegible] | .3 | .2 | | | .1 | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | .[illegible] | .1 | .3 | .5 | .[illegible] | .7 | .5 | .2 | | | | [illegible] | [illegible] | | |
| [illegible] | | | .[illegible] | .1 | | | .[illegible] | .9 | .9 | 2.1 | .3 | .3 | .7 | .2 | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | .1 | .7 | 1.[illegible] | .3 | 1.[illegible] | 1.6 | .[illegible] | .6 | | .[illegible] | | | | [illegible]4 | 7[illegible] | | |
| [illegible] 77 | | | | | .5 | 2.5 | 1.7 | 3.[illegible] | 2.3 | 1.3 | .5 | .6 | | | | | | 1[illegible] | 1[illegible]4 | 1 | |
| [illegible] 7[illegible] | | | .1 | .2 | 2.9 | 1.2 | 2.[illegible] | 3.7 | 1.9 | 1.4 | .9 | .8 | .3 | | | | | 191 | 141 | 1 | [illegible] |
| [illegible] 7[illegible] | | | .[illegible] | 1.2 | 2.3 | 1.5 | 1.7 | 7.4 | 1.9 | 2.5 | 2.[illegible] | .3 | .2 | | | | | 1[illegible]4 | [illegible]4 | | [illegible] |
| [illegible] | | .3 | 1.[illegible] | [illegible].3 | 1.1 | .[illegible] | 1.[illegible] | 1.6 | 1.6 | 1.2 | 1.[illegible] | .7 | | | | | | 1[illegible]9 | 1.[illegible] | [illegible] | |
| [illegible] 59 | | .1 | 1.[illegible] | .7 | .3 | 1.[illegible] | 1.1 | .[illegible] | 1.5 | .9 | .[illegible] | .1 | | | | | | [illegible] | [illegible] | 74 | [illegible] |
| [illegible] 6[illegible] | | 1.[illegible] | 1.[illegible] | 1.1 | .7 | .9 | .[illegible] | .7 | .5 | .5 | .[illegible] | | | | | | | [illegible]4 | [illegible]4 | 117 | 1 |
| [illegible] | | .2 | .3 | 1.[illegible] | .1 | | | .5 | .1 | .5 | .2 | | | | | | | [illegible]7 | [illegible] | 111 | 1 |
| [illegible] | | .3 | .7 | .[illegible] | | .3 | .2 | .1 | | .2 | | | | | | | | 1[illegible] | 1[illegible] | 14[illegible] | [illegible] |
| [illegible] | | | .[illegible] | | | .1 | | | | .2 | | | | | | | | [illegible] | [illegible] | 12[illegible] | [illegible] |
| [illegible] | | | | | | .[illegible] | .1 | | | | | | | | | | | | [illegible] | [illegible]7 | |
| [illegible] 57 | | | | | | | | | | | | | | | | | | | | 7[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | 77 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 42 | 7[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible]7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | |
| [illegible] 47 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] 4[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | 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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

2

# PSYCHROMETRIC SUMMARY

...STATION | AVIANO-MIDDLETHAN AFB AP | 75-84 YEARS | ...MONTH

...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.[illegible] | [illegible] | [illegible] | [illegible] | 7.[illegible] | 11.[illegible] | 14.[illegible] | 17.[illegible] | 13.[illegible] | [illegible] | 4.1 | 1.[illegible] | [illegible] | .2 | | | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2417582 | 43410 | 49.3 | 13.168 | 887 | | | | | | | |
| Dry Bulb | 45[illegible]84 | 66[illegible]2 | 74.3 | 4.[illegible]57 | 899 | | | [illegible]4.9 | [illegible]9.[illegible] | 1.1 | | |
| Wet Bulb | 33[illegible]24 | [illegible]4413 | 61.3 | 5.27[illegible] | 887 | | | 16.[illegible] | .2 | | | [illegible] |
| Dew Point | 24[illegible]795 | 46203 | 52.1 | 10.086 | 887 | | 4.3 | 1.6 | .2 | | | 4[illegible] |

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

2

...TAL CLIMATOLOGY BRANCH
... FETAC
... WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

... STATION | ...AKIS-M...TAFB AR | 75-84 YEARS | ... MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | |
| | | | | | | | | | | .3 | | | | | | | | | | | | | | |
| | | | | | | | | | .1 | .3 | .2 | .3 | .1 | | | | | | | | | | | |
| | | | | | | | .1 | .2 | .6 | .7 | .8 | .2 | | .1 | | | | | | | | | | |
| | | | | | | .2 | .2 | .9 | 1.3 | 1.4 | .9 | .2 | .1 | | | | | | | | | | | |
| 7 | | | | | .3 | .3 | 1. | 1.5 | 1.4 | .6 | .5 | .2 | .3 | | | | | | | | | | | |
| | | | | .1 | 1.2 | 2.6 | 2.3 | 1.6 | 1.5 | .3 | .7 | .3 | .1 | | | | | | | | | | | |
| | | | | 1.1 | 3.0 | 2.1 | 3.7 | 2.7 | 1.7 | .8 | .9 | .3 | .1 | | | | | | | | | | | |
| | | .2 | 1. | 3.5 | 1.4 | 2.1 | 2.7 | 2.4 | 1.6 | 1.8 | 1.1 | .3 | | | | | | | | | | | | |
| | | .3 | .3 | 2.6 | .9 | 2.3 | 3.4 | .9 | 1.4 | .6 | .5 | | | | | | | | | | | | | |
| | | .1 | 1. | .5 | 1.6 | .8 | .1 | 1.6 | 1.1 | .3 | .2 | | | | | | | | | | | | | |
| | | .5 | 1. | .7 | .8 | .7 | .1 | .5 | .6 | .8 | | | | | | | | | | | | | | |
| | | .2 | .2 | .6 | .1 | .3 | .1 | .8 | .6 | .3 | | | | | | | | | | | | | | |
| | | | .7 | .1 | | .1 | .3 | .2 | .2 | .1 | | | | | | | | | | | | | | |
| | | | | | | | .1 | .1 | | .1 | | | | | | | | | | | | | | |
| | | | | | | | | | .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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...745 | ...AVID-MONTHAN AFB AZ | 75-84 | ...
STATION | STATION NAME | YEARS | MONTH

... | (SPC-5)
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.[illegible] | 7.[illegible] | 9.4 | 9.7 | 13.2 | 16.7 | 17.5 | 11.7 | 8.3 | 5.4 | 2.[illegible] | .8 | .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. | 271025 | 464[illegible] | 52.3 | 17.674 | 888 | | | | | | | |
| Dry Bulb | 4593404 | 54764 | 72.[illegible] | 4.715 | 900 | | | 76.4 | 40.2 | 4.6 | | |
| Wet Bulb | 7267961 | 53667 | 6[illegible].4 | 5.261 | 888 | | | 9.4 | | | | |
| Dew Point | 2489571 | 46025 | 52.1 | 9.692 | 886 | | 4.2 | .8 | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

...4... STATION | ...VIS-MCGUIRE AFB NJ STATION NAME | 75-84 YEARS | ...12 MONTH

PART 1 | ...06-09... 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 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| ... | | | | | | | | | | .1 | | | .1 | | .1 | | | 3 | | | |
| ... | | | | | | | | | | .1 | .1 | | .2 | | | | | 4 | | | |
| ... | | | | | | | .. | .1 | .2 | .2 | .2 | | .6 | | | | | 14 | ... | | |
| / ... | | | | | | .1 | .2 | .6 | 1.0 | .5 | .4 | .7 | | | | | | 2 | 34 | | |
| ... 7 | | | | | .1 | .3 | 1.. | .8 | 1.1 | 1.6 | | .1 | .1 | .1 | | | | 32 | | | |
| 7 ... 7 | | | | .. | .3 | 2.. | .. | .3 | 2.4 | 1.7 | 1.2 | .3 | .2 | | | | | 89 | 99 | | |
| ... 7 | | | | .. | 1.1 | 3.. | 2.. | 2.6 | 1.7 | .9 | .4 | .5 | .1 | | | | | 119 | 125 | | |
| ... | | | .. | .. | 3.. | 1.6 | 1.7 | 1.9 | 1.6 | .8 | 1.4 | .2 | .2 | | | | | 1.9 | 1.. | | |
| / ... | | .2 | .. | 1.. | 2.. | 2.. | 2.. | 1.6 | 1.4 | .7 | .6 | .1 | | | | | | 107 | 1.. | 1.. | |
| ... | | .. | .. | 3.2 | 1.2 | 2.1 | 2.1 | 1.2 | 1.2 | 1.1 | .2 | | | | | | | 134 | 134 | .. | .. |
| ... 6 | | .. | 1.. | .. | 1.2 | .. | 1.. | 1.. | .8 | .1 | .5 | | | | | | | 7.. | 76 | .. | .. |
| ... | | .. | 1.. | .. | .6 | .. | .6 | .9 | .3 | .3 | | | | | | | | 49 | 49 | 152 | 34 |
| ... | | .1 | .. | .. | .2 | .2 | .. | .1 | .5 | .1 | | | | | | | | 3.. | .. | 123 | .. |
| ... | | | .. | .. | | .1 | .. | .1 | .2 | | | | | | | | | 15 | 1.. | 133 | 93 |
| ... | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | 1.. | .. |
| ... 7 | | | | | | .1 | | | .1 | | | | | | | | | 2 | .. | 38 | .. |
| ... | | | | | | | | | | | | | | | | | | | | .. | |
| ... | | | | | | | | | | | | | | | | | | | | 50 | 7. |
| / ... | | | | | | | | | | | | | | | | | | | | 32 | .. |
| ... | | | | | | | | | | | | | | | | | | | | 12 | .. |
| ... 7 | | | | | | | | | | | | | | | | | | | | .. | .. |
| / 4 | | | | | | | | | | | | | | | | | | | | .. | .. |
| / ... | | | | | | | | | | | | | | | | | | | | 1 | .. |
| / ... | | | | | | | | | | | | | | | | | | | | 1 | .. |
| ... | | | | | | | | | | | | | | | | | | | | | .. |
| / ... | | | | | | | | | | | | | | | | | | | | | .1 |
| / ... | | | | | | | | | | | | | | | | | | | | | 1.. |
| 7 / ... | | | | | | | | | | | | | | | | | | | | | 1. |
| / ... | | | | | | | | | | | | | | | | | | | | | |
| / ... | | | | | | | | | | | | | | | | | | | | | 1 |
| / ... | | | | | | | | | | | | | | | | | | | | | 7 |
| / ... | | | | | | | | | | | | | | | | | | | | | .. |
| / ... | | | | | | | | | | | | | | | | | | | | | 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 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | AVIANO AIR BASE AP | 75-84 | [illegible] |

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL 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 | | | |
| [illegible] | | 1.[illegible] | 7.[illegible] | 9.91 | [illegible]9 | 13.[illegible] | 14.[illegible] | 13.4 | 12.6 | 7.9 | 5.0 | 1.6 | 1.6 | .1 | .1 | | | | [illegible] | [illegible] |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 26[illegible]3[illegible]39 | 46471 | 52.3 | 17.166 | 888 | | | | | | | |
| Dry Bulb | 47[illegible]5124 | 65466 | 72.7 | 5.072 | 900 | | | 60.2 | 46.4 | 8.5 | | [illegible] |
| Wet Bulb | 3333277 | [illegible]4213 | 61.1 | 5.151 | 888 | | | 11.8 | | | | 9[illegible] |
| Dew Point | 25[illegible]1677 | 46681 | 52.[illegible] | 9.296 | 888 | | 2.9 | 1.5 | | | | [illegible] |

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

...TAL CLIMATOLOGY BRANCH
...ERTAS
...EATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...43 — STATION
AVIANO-MIDDLE AFB AZ — STATION NAME
75-84 — YEARS
... — MONTH
... 1 — HOURS (L. S. T.)
...-11... — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /101 | | | | | | | | | | | | | | | | .1 | .1 | [illegible] | [illegible] | | |
| /97 | | | | | | | | | | | | | | | .1 | .1 | .1 | [illegible] | [illegible] | | |
| / | | | | | | | | | | .1 | .1 | | .2 | .5 | | .2 | | [illegible] | [illegible] | | |
| / | | | | | | | | | | | | .2 | .5 | .7 | 1.0 | .2 | .1 | [illegible] | [illegible] | | |
| / | | | | | | | | | | | .2 | .2 | .6 | .4 | .5 | .2 | .1 | [illegible] | [illegible] | | |
| / 8 | | | | | | | | | | .7 | 1.3 | 1.2 | 1.0 | 1.2 | 1.2 | .1 | | [illegible] | [illegible] | | |
| / 87 | | | | | | | | | .5 | 1.0 | 1.7 | 2.1 | 1.7 | 1.6 | .5 | | .1 | [illegible] | [illegible] | | |
| 8/ 9 | | | | | | | .1 | 1.0 | 1.9 | 2.5 | 2.3 | 2.0 | 1.7 | .7 | .5 | .2 | | 116 | 116 | | |
| / | | | | | | .1 | .1 | 2.0 | 2.8 | 3.5 | 2.9 | 1.7 | 1.6 | .6 | .5 | | | 143 | 144 | | |
| / | | | | | | .7 | .5 | 2.9 | 2.4 | 2.5 | 2.6 | 1.3 | .7 | .8 | .1 | | | 135 | 142 | | |
| / 7 | | | | | .2 | .4 | 3.0 | 1.6 | 1.2 | 1.7 | 1.1 | .5 | .6 | .2 | | | | 123 | 127 | | |
| 7 / 77 | | | | .1 | .3 | .5 | 1.1 | 1.2 | 1.1 | .3 | .7 | .2 | .2 | .1 | | | | 99 | 99 | 1 | |
| / 7 | | | | | 1.0 | .2 | .3 | .7 | .2 | .3 | .1 | .2 | .1 | | | | | 99 | 99 | 1 | |
| 4/ 72 | | | | .1 | .9 | 1.1 | .2 | | .2 | .2 | | | | | | | | 25 | 25 | 4 | |
| / 71 | | | .2 | .7 | .2 | .7 | .1 | | .2 | .1 | | .1 | | | | | | 71 | 71 | 65 | 1 |
| / 69 | | | .1 | .2 | .2 | | .1 | .2 | | | | | | | | | | 5 | 5 | 166 | 2 |
| / 67 | | | | | .1 | | .1 | | | | | | | | | | | 2 | 2 | 196 | 19 |
| / 65 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 172 | 37 |
| 4/ 63 | | | | | | | | | | | | | | | | | | | | 156 | 65 |
| / 61 | | | | | | | | | | | | | | | | | | | | 137 | 96 |
| / 59 | | | | | | | | | | | | | | | | | | | | 91 | 71 |
| / 57 | | | | | | | | | | | | | | | | | | | | 55 | 47 |
| 5 / 55 | | | | | | | | | | | | | | | | | | | | 23 | 27 |
| / 53 | | | | | | | | | | | | | | | | | | | | 6 | 13 |
| / 51 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| / 49 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| / 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 43 | | | | | | | | | | | | | | | | | | | | | |
| / 41 | | | | | | | | | | | | | | | | | | | | | |
| / 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 3 / 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 33 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

USAFETAC CLIMATOLOGY BRANCH
USAFETAC
USAF ETAC SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | .1 | 1.5 | 3.3 | 5.7 | 7.7 | 9.7 | 10.5 | 14.5 | 13.6 | 9.5 | 8.9 | 7.4 | 5.2 | 1.9 | .9 | | | 9.[illegible] | | 8.[illegible] |
| | | | | | | | | | | | | | | | | | | | 3[illegible] | | 8[illegible] | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1426631 | 34131 | 38.4 | 14.737 | 888 | | | | | | | |
| Dry Bulb | 627567 | 74988 | 33.3 | 5.543 | 900 | | | 89.9 | 86.3 | 73.3 | 5.1 | 90 |
| Wet Bulb | 3771817 | 57765 | 65.1 | 4.210 | 888 | | | 34.8 | .6 | | | [illegible] |
| Dew Point | 2616969 | 47631 | 53.6 | 9.368 | 888 | | 2.1 | 2.3 | | | | 90 |

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

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

# PSYCHROMETRIC SUMMARY

...4 STATION | ...-MONTHAN AFB, AZ STATION NAME | 75-84 YEARS | ...SEP MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ...1 | | | | | | | | | | | | | | | | .2 | .1 | 7 | 9 | | |
| ...9 | | | | | | | | | | | | | | | .2 | .4 | 1.3 | 24 | 27 | | |
| ...7 | | | | | | | | | | | | | | .7 | .9 | .8 | 2.1 | 49 | 5 | | |
| ...2 | | | | | | | | | | | | | 1.1 | 1.2 | 1.5 | 1.9 | 3.5 | 12 | 13 | | |
| ...7 | | | | | | | | | | .1 | | .3 | 3.1 | 1.4 | 4.4 | 2.2 | 1.7 | 121 | 122 | | |
| ...1 | | | | | | | | | | .4 | 1.2 | 2.6 | 3.5 | 4.4 | 2.7 | 1.6 | 1.2 | 135 | 135 | | |
| ...8 | | | | | | | | | .1 | 1.1 | 2.1 | 2.2 | 2.5 | 2.4 | 1.2 | .9 | .9 | 119 | 119 | | |
| ...7 | | | | | | | | .2 | 1.1 | .3 | 2.7 | 2.4 | 2.2 | 1.9 | .4 | .3 | .2 | 112 | 110 | | |
| ...4 | | | | | | | | .2 | 1.1 | 1.7 | 1.3 | 1.6 | .6 | .3 | | .1 | .1 | 67 | 67 | | |
| ...2 | | | | | | | .2 | .7 | 1.5 | .6 | 1.1 | 1.1 | .5 | .1 | .1 | | | 52 | 52 | | |
| ...1 | | | | | | | .4 | 1.2 | 1.8 | .4 | .5 | .2 | .2 | | | | | 40 | 42 | | |
| ...7 | | | | | | .1 | .2 | .1 | .4 | .3 | .2 | .2 | .1 | | | | | 21 | 21 | | |
| 7 / 77 | | | | | .1 | .2 | | .2 | .1 | .1 | .2 | | | | | | | 11 | 11 | | |
| ...7 | | | | .1 | .4 | | .2 | .1 | .1 | .2 | | | | | | | | 14 | 12 | 1 | |
| ...73 | | | | .1 | .1 | .1 | .1 | | | .1 | | | | | | | | 5 | | 1 | |
| ...21 | | | .1 | .3 | | | | | | .1 | | | | | | | | 5 | 5 | 63 | |
| ...86 | | | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 176 | |
| ...67 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 174 | |
| ...55 | | .4 | | | | | | | | | | | | | | | | 8 | 4 | 209 | 2 |
| ...13 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 151 | |
| ...51 | | | | | | | | | | | | | | | | | | | | 67 | .5 |
| ...16 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| ...57 | | | | | | | | | | | | | | | | | | | | 2 | 3 |
| 3 / 55 | | | | | | | | | | | | | | | | | | | | 4 | 5 |
| ...53 | | | | | | | | | | | | | | | | | | | | | 15 |
| ...51 | | | | | | | | | | | | | | | | | | | | | 1 |
| ...9 | | | | | | | | | | | | | | | | | | | | | |
| ...47 | | | | | | | | | | | | | | | | | | | | | 71 |
| 4 / 4 | | | | | | | | | | | | | | | | | | | | | 3 |
| ...43 | | | | | | | | | | | | | | | | | | | | | 43 |
| ...41 | | | | | | | | | | | | | | | | | | | | | |
| ...7 | | | | | | | | | | | | | | | | | | | | | 14 |
| ...77 | | | | | | | | | | | | | | | | | | | | | 17 |
| ...25 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...2745 | DAVIS-MONTHAN AFB AZ | 73-84 | ... | ...
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | .6 | .1 | 1.0 | .7 | .6 | 1.8 | 2.9 | 5.5 | 6.2 | 10.3 | 11.1 | 12.7 | 12.2 | 11.5 | 8.7 | 12.7 | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | ...43816 | 26572 | 29.8 | 13.076 | 892 | | | | | | | |
| Dry Bulb | 724598 | 80569 | 89.9 | 6.792 | 900 | | | 69.5 | 38.3 | 24.3 | 2.1 | |
| Wet Bulb | 3911203 | 58985 | 66.1 | 3.469 | 892 | | | 41.5 | 1.3 | | | |
| Dew Point | 2449223 | 46179 | 51.8 | 8.117 | 892 | | 2.1 | .6 | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

...AVIS-MONTHAN, MF3 AZ — STATION NAME

75-84 — YEARS

SEP — MONTH

FROM 1 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /107 | | | | | | | | | | | | | | | | | .7 | 6 | | | |
| /101 | | | | | | | | | | | | | | | | .1 | 2.0 | 16 | 22 | | |
| /96 | | | | | | | | | | | | | | | .7 | .7 | 2.9 | 32 | 47 | | |
| /91 | | | | | | | | | | | | | | .1 | 1.0 | 1.6 | 3.3 | 46 | 56 | | |
| /86 | | | | | | | | | | | | | .4 | 2.2 | 2.1 | 3.4 | 5.2 | 124 | 124 | | |
| /81 | | | | | | | | | | | .2 | .5 | 1.8 | 2.6 | 3.5 | 3.6 | 2.9 | 141 | 141 | | |
| /76 | | | | | | | | | | .1 | 1.1 | 1.6 | 1.9 | 1.9 | 4.0 | 3.2 | 1.1 | 154 | 124 | | |
| /70 | | | | | | | | | .1 | .7 | 1.9 | 1.9 | 2.4 | 1.6 | 1.1 | 1.5 | .7 | 1 6 | 1 7 | | |
| /67 | | | | | | | | | .7 | .3 | .4 | 1.7 | 1.7 | .7 | .6 | .3 | .2 | 67 | 67 | | |
| /62 | | | | | | | | .2 | .4 | 1.2 | 1.1 | .7 | .7 | .5 | .2 | | | 45 | 46 | | |
| /57 | | | | | | | .1 | .7 | .7 | .3 | .7 | 1.1 | .3 | | | | | 76 | 76 | | |
| /51 | | | | | .1 | .2 | .1 | .6 | .3 | .4 | .3 | | .2 | | | | | 2 | 2 | | |
| /47 | | | | | .1 | .2 | .3 | .2 | .2 | .3 | .2 | | .1 | | | | | 16 | 16 | | |
| /47 | | | | | .1 | .2 | .4 | .4 | .1 | | .1 | | | | | | | 16 | 16 | | |
| /47 | | | | .1 | .6 | .1 | .2 | .2 | | .3 | .2 | | | | | | | 16 | 16 | | |
| /42 | | | .1 | .4 | .6 | .1 | .1 | .1 | .2 | | | | | | | | | 16 | 16 | 5 | |
| /41 | | | | .6 | .1 | .2 | | | | | | | | | | | | 6 | | 78 | |
| /36 | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 17 | 17 | 117 | 1 |
| /32 | | .1 | | | .1 | | | | | | | | | | | | | 3 | 3 | 175 | 7 |
| /27 | | .2 | .2 | | | | | | | | | | | | | | | 5 | 5 | 2.7 | .7 |
| /22 | | | | | | | | | | | | | | | | | | | | 159 | 4 |
| /21 | | | | | | | | | | | | | | | | | | | | 133 | 41 |
| /16 | | | | | | | | | | | | | | | | | | | | 73 | 57 |
| /07 | | | | | | | | | | | | | | | | | | | | 16 | 72 |
| /02 | | | | | | | | | | | | | | | | | | | | 2 | 1 |
| /-5 | | | | | | | | | | | | | | | | | | | | | 64 |
| /-11 | | | | | | | | | | | | | | | | | | | | | 56 |
| /-16 | | | | | | | | | | | | | | | | | | | | | 35 |
| /-27 | | | | | | | | | | | | | | | | | | | | | 7 |
| /-4 | | | | | | | | | | | | | | | | | | | | | 2 |
| /-45 | | | | | | | | | | | | | | | | | | | | | 5 |
| /-41 | | | | | | | | | | | | | | | | | | | | | 1 |
| /-57 | | | | | | | | | | | | | | | | | | | | | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

# PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] YEARS: 75-84 MONTH: [illegible]

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | .7 | 1.[illegible] | 1.2 | 1.[illegible] | 1.6 | 1.[illegible] | 2.6 | 2.[illegible] | 4.3 | 6.7 | 7.8 | 10.1 | 11[illegible].1 | 13.3 | 14.7 | 19.[illegible] | | | 8[illegible] | | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | [illegible] | 29411 | 2[illegible].[illegible] | 15.553 | 893 | | | | | | | |
| Dry Bulb | 7376277 | 91227 | 9[illegible].3 | 7.13[illegible] | 9[illegible] | | | 6[illegible].[illegible] | 37.1 | [illegible]1.7 | 3[illegible].3 | |
| Wet Bulb | 3[illegible]71[illegible]7 | 58721 | 65.[illegible] | 3.411 | 893 | | | 37.4 | .[illegible] | | | |
| Dew Point | 2326791 | 44937 | 50.3 | 8.569 | 893 | | 2.[illegible] | .9 | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-34 YEARS | [illegible] MONTH

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

| Temp. (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /101 | | | | | | | | | | | | | | | | .1 | .1 | | | | |
| [illegible] | | | | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | | |
| 97 | | | | | | | | | | | | | | | . | .4 | 1. | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | . | .2 | .2 | .9 | 1.2 | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | .7 | 1. | 1. | 1.3 | . | 44 | [illegible] | | |
| [illegible] | | | | | | | | | | | .1 | 1.1 | 1.1 | 2.1 | 2.1 | 2.4 | . | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | .4 | 1. | 1.5 | 1.9 | 2.7 | 1.9 | .4 | .4 | 6 | [illegible] | | |
| [illegible] | | | | | | | | | .4 | . | 1. | 2.4 | 2.9 | 2.2 | 2.2 | .7 | .2 | 121 | 1[illegible]1 | | |
| [illegible] | | | | | | | | .2 | .4 | . | 2. | [illegible].1 | 1. | 2. | .7 | .2 | | 1[illegible] | 1 | | |
| [illegible] | | | | | | | . | 1.2 | 1.2 | 1.1 | 1. | 1.7 | 2.4 | 1.1 | .3 | .1 | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | . | 1.6 | 1.2 | 1.5 | .7 | .6 | .6 | .7 | .1 | | | [illegible] | [illegible] | | |
| 7 | | | | | .2 | .7 | . | .6 | 1.5 | 1.2 | .4 | .9 | .3 | .2 | .1 | | | [illegible] | [illegible] | | |
| .7 | | | | | . | .5 | . | .7 | .4 | .4 | .2 | .2 | .3 | | | | | .4 | 24 | | |
| 7 | | | | . | .9 | .4 | .3 | .6 | .2 | .2 | .1 | | .2 | | | | | 24 | [illegible] | | |
| [illegible] | | | .4 | .7 | 1.[illegible] | .2 | .1 | .1 | .1 | | | .2 | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | . | 1.2 | .1 | .1 | .1 | .1 | .3 | .1 | | | | | | | | 7 | 7 | 13 | |
| [illegible] | | . | 1. | .6 | .4 | | | .1 | .3 | | | | | | | | | [illegible] | [illegible] | 37 | |
| 67 | | .4 | . | .2 | | | | .1 | | | | | | | | | | 14 | 14 | 13[illegible] | [illegible] |
| [illegible] | | . | . | .1 | | | | | | | | | | | | | | 1[illegible] | 1[illegible] | 1[illegible]7 | [illegible] |
| [illegible] | | . | .1 | | | | | | | | | | | | | | | | 3 | 167 | 4[illegible] |
| [illegible] | | .1 | .1 | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 7[illegible] | [illegible] |
| 57 | | | | | | | | | | | | | | | | | | | | 3 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | 5[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 4 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 47 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 4[illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| 43 | | | | | | | | | | | | | | | | | | | | | |
| 41 | | | | | | | | | | | | | | | | | | | | | [illegible]7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 41 |
| 37 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 35 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | Σχ² | Σχ | X̄ | σχ | 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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]-MONTHAN AFB AZ | 75-64 | [illegible] |

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

| 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] | | 1.2 | [illegible] | 3.7 | 3.2 | 2.[illegible] | 2.[illegible] | [illegible].3 | [illegible].3 | 6.4 | 9.3 | 10.[illegible] | 12.[illegible] | 13.7 | 9.[illegible] | 6.6 | 4.[illegible] | [illegible] | | [illegible] | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1443[illegible]14 | 71612 | 35.4 | 19.[illegible]75 | 893 | | | | | | | |
| Dry Bulb | 646[illegible] | 75966 | 84.4 | 7.335 | 900 | | | 58.5 | 62.[illegible] | 7[illegible].[illegible] | [illegible].3 | [illegible] |
| Wet Bulb | 3C[illegible]4264 | 57330 | 64.2 | 3.913 | 893 | | | 27.[illegible] | | | | [illegible] |
| Dew Point | 23[illegible]662[illegible] | 45429 | 5[illegible].[illegible] | 9.324 | 893 | | 3.1 | 1.9 | | | | [illegible] |

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

2

# PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

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 | | | | | | | | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...74[illegible] | ...IS-M...HER AFB, AZ | 73-84 | ...E |

HOURS (L. S. T.) 0100-2...

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| / 2[illegible] | | | | | | | | | | | | | | | | | | | | | |
| / 2[illegible] | | | | | | | | | | | | | | | | | | | | | |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | 1.[illegible] | .1 | 5.[illegible] | 4.7 | 4.6 | 8.[illegible] | 9.3 | 11.1 | 12.1 | 13.5 | 10.7 | 6.4 | 3.7 | .6 | .[illegible] | | e.1 | [illegible] | 8[illegible].1 | [illegible] |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2013772 | 3[illegible]842 | 43.6 | 18.965 | 891 | | | | | | | |
| Dry Bulb | 5[illegible]37427 | 7[illegible]3217 | 78.[illegible] | 5.697 | 900 | | | [illegible]7.7 | 74.7 | 3[illegible].[illegible] | .1 | [illegible] |
| Wet Bulb | 3[illegible]08704 | 556[illegible]6 | 62.[illegible] | 4.790 | 891 | | | 19.0 | | | | 90 |
| Dew Point | 2472875 | 46101 | 51.7 | 9.920 | 891 | | 3.9 | 2.6 | | | | 90 |

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

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

2

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

# PSYCHROMETRIC SUMMARY

22[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | [illegible] MONTH

Page 1 | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| /1[illegible] | | | | | | | | | | | | | | | | | .1 | 6 | [illegible] | | |
| [illegible]/101 | | | | | | | | | | | | | | | | .1 | .3 | 20 | 35 | | |
| [illegible] | | | | | | | | | | | | | | | .1 | .1 | .2 | 56 | 71 | | |
| [illegible]/97 | | | | | | | | | | | | | | .1 | .3 | .4 | 1.0 | 127 | 1[illegible] | | |
| [illegible] | | | | | | | | | | .3 | .3 | | .3 | .5 | .5 | .9 | 1.2 | 241 | 246 | | |
| [illegible]/8 | | | | | | | | | | .3 | .3 | .7 | .6 | .9 | 1.3 | 1.2 | .6 | 339 | 342 | | |
| [illegible] | | | | | | | | | | .1 | .4 | .7 | .9 | 1.2 | 1.2 | 1.2 | .4 | 415 | 41[illegible] | | |
| [illegible]/8[illegible] | | | | | | | | | .2 | .4 | .5 | .9 | 1.0 | 1.1 | .7 | .4 | .2 | 4[illegible] | 4[illegible] | | |
| [illegible]/[illegible] | | | | | | | | .2 | .4 | .6 | .9 | 1.1 | 1.2 | .8 | .5 | .2 | .1 | 415 | 42[illegible] | | |
| [illegible]/[illegible] | | | | | | | .1 | .2 | .6 | .9 | 1.2 | 1.0 | .8 | .6 | .2 | .1 | .2 | 4[illegible] | 4[illegible] | | |
| [illegible]/[illegible] | | | | | | .1 | .2 | .7 | 1.0 | 1.1 | 1.2 | 1.1 | .9 | .4 | .1 | .2 | | 4[illegible] | 45[illegible] | | |
| [illegible]/1[illegible] | | | | .2 | .2 | .2 | .1 | .2 | 1.2 | 1.3 | 1.2 | .6 | .5 | .2 | .0 | | | 49[illegible] | 45[illegible] | | |
| [illegible]/[illegible] | | | | | .1 | .4 | 1.4 | .7 | 1.2 | 1.3 | .6 | .5 | .3 | .2 | .0 | | | 46[illegible] | 47[illegible] | | |
| [illegible]/[illegible]7 | | | | .2 | .4 | 1.2 | 1.[illegible] | 1.4 | 1.3 | .9 | .6 | .4 | .3 | .2 | | | | 5[illegible] | 5[illegible] | | |
| [illegible]/[illegible]7 | | | | .2 | .4 | 1.2 | .9 | 1.[illegible] | 1.1 | .8 | .6 | .6 | .2 | .1 | | | | 5[illegible]7 | 5[illegible] | [illegible]5 | [illegible] |
| [illegible]/71 | | .1 | .2 | 1.5 | .7 | .7 | 1.[illegible] | .9 | .8 | .6 | .5 | .4 | .1 | .0 | | | | 532 | 534 | 263 | 1 |
| [illegible]/[illegible]6 | | .2 | 1.2 | 1.1 | .4 | .7 | .9 | .4 | .5 | .4 | .2 | .0 | | | | | | 4[illegible]7 | 427 | 595 | [illegible] |
| [illegible]/6[illegible] | | .4 | .4 | .3 | .5 | .7 | .3 | .5 | .3 | .1 | .2 | | | | | | | 2[illegible]0 | [illegible] | 1050 | .4 |
| [illegible]/[illegible]2 | | .2 | .[illegible] | .2 | .2 | .1 | .2 | .2 | .1 | .2 | .1 | | | | | | | 1[illegible]4 | 1[illegible] | 1335 | 275 |
| [illegible]/[illegible]7 | | .1 | .3 | .3 | .3 | .1 | .[illegible] | .1 | .1 | .1 | | | | | | | | 94 | [illegible]4 | 1145 | 466 |
| [illegible]/[illegible]1 | | .[illegible] | .2 | .1 | | .[illegible] | .1 | .[illegible] | .1 | .[illegible] | | | | | | | | 41 | 41 | 934 | 541 |
| [illegible]/[illegible]4 | | .[illegible] | | | | .[illegible] | .[illegible] | .0 | .0 | .0 | | | | | | | | 10 | 1[illegible] | 822 | [illegible] |
| [illegible]/[illegible]7 | | | | | | .[illegible] | | | .[illegible] | | | | | | | | | [illegible] | [illegible] | 423 | [illegible] |
| [illegible]/[illegible]5 | | | | | | | | | | | | | | | | | | | | 276 | 523 |
| [illegible]/53 | | | | | | | | | | | | | | | | | | | | 2[illegible] | [illegible] |
| [illegible]/[illegible]1 | | | | | | | | | | | | | | | | | | | | 129 | 556 |
| [illegible]/[illegible]4 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible]/47 | | | | | | | | | | | | | | | | | | | | 27 | 413 |
| [illegible]/[illegible]4[illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | 44[illegible] |
| [illegible]/47 | | | | | | | | | | | | | | | | | | | | [illegible] | 315 |
| [illegible]/41 | | | | | | | | | | | | | | | | | | | | [illegible] | 283 |
| [illegible]/[illegible]7 | | | | | | | | | | | | | | | | | | | | | 274 |
| [illegible]/[illegible]7 | | | | | | | | | | | | | | | | | | | | | 175 |

| 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 | | | | | | | | | | | | |

2

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

# PSYCHROMETRIC SUMMARY

...745 | MINOT-MINTMAN AFB, ND | 75-84 | ...
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | 1... |
| 3... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | 7... |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | 1.2 | ... | 5.2 | ...3 | 5.2 | 9. | 8.9 | 9.2 | 9.1 | 9.1 | 7.2 | 7.2 | 6.2 | 5.1 | 4.2 | 4.2 | | 71... | | 71. |
| | | | | | | | | | | | | | | | | | | 71... | | 71.20 | |

| 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. | 14...4753... | 2...932 | 41.1 | 19.295 | 7120 | | | | | | | |
| Dry Bulb | 47316279 | 579999 | 8...6 | 9.236 | 7199 | | | 668.6 | 664.5 | 371.8 | 82.9 | 7... |
| Wet Bulb | 29713465 | 450779 | 63.3 | 4.943 | 7121 | | | 197.0 | 3.2 | | | 7...0 |
| Dew Point | 19792731 | 369565 | 51.9 | 9.242 | 7120 | | 24.4 | 12.2 | .2 | | | 7... |

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GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

[redacted] STATION | WILLIAMS-GATEWAY AFB AZ STATION NAME | 75-84 YEARS | [redacted] MONTH

[redacted] 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 | | | | | | | | | | | |
| / 81 | | | | | | | | | .1 | .2 | .3 | .2 | .3 | | | | | 11 | 11 | | | | | | | | |
| / 7 | | | | | | | .1 | | | | .3 | .2 | | | | | | | | | | | | | | | |
| 7 / 77 | | | | | | | .1 | | | | .1 | .3 | .2 | | | | | 1 | 1 | | | | | | | | |
| / 7 | | | | | | .1 | .1 | | .5 | .6 | 1.4 | .3 | | | | | | | | | | | | | | | |
| / 77 | | | | | .1 | .1 | | .3 | .4 | .9 | .2 | .4 | .2 | | | | | 6 | | | | | | | | | |
| / 71 | | | | | .2 | | .1 | .9 | 1.1 | 1.2 | .5 | .5 | .1 | | | | | 93 | 93 | | | | | | | | |
| / 8 | | | .4 | .3 | .6 | .2 | .6 | 1.1 | 1.0 | 1.3 | 1.5 | .6 | .2 | | | | | 76 | 76 | | | | | | | | |
| / 67 | | .5 | .1 | .2 | .2 | .5 | 1.2 | .8 | 1.2 | 1.9 | 1.1 | | .1 | | | | | 75 | 75 | 6 | | | | | | | |
| / 65 | | .3 | .1 | .2 | .4 | 1.7 | .9 | .6 | .9 | 2.3 | .3 | | | | | | | 4 | 54 | 18 | | | | | | | |
| 9 / 83 | 1.1 | .3 | .5 | 1.4 | 1.7 | 1.2 | 1.7 | .9 | 1.5 | 1.3 | | | | | | | | 146 | 146 | 19 | 1 | | | | | | |
| / 1 | .3 | 1.2 | .6 | .9 | 1.1 | 1.6 | 1.6 | 1.4 | 1.2 | .2 | | | | | | | | 93 | 93 | 33 | 1 | | | | | | |
| / 52 | .6 | 1.7 | 2.. | 1.4 | 1.2 | 1.4 | 1.9 | 1.5 | 1.4 | | | | | | | | | 116 | 116 | 34 | 7 | | | | | | |
| / 7 | .3 | .1 | .4 | .4 | 1.4 | .3 | 2.5 | 1.3 | .4 | | | | | | | | | 73 | 73 | 76 | 1 | | | | | | |
| 5 / 5 | .5 | .5 | .8 | .8 | .6 | .5 | .9 | .6 | | | | | | | | | | 52 | 52 | 107 | 26 | | | | | | |
| / 67 | .4 | .5 | .4 | .5 | .2 | .6 | 1.5 | .3 | | | | | | | | | | 45 | 45 | 95 | 23 | | | | | | |
| / 71 | | .4 | .4 | .4 | .4 | .3 | .8 | 1.1 | .2 | | | | | | | | | 34 | 34 | 89 | 7 | | | | | | |
| / 4 | | | .1 | .1 | .3 | .3 | .4 | .1 | | | | | | | | | | 23 | 23 | 33 | 47 | | | | | | |
| / 47 | | | .1 | .6 | .6 | .4 | .2 | | | | | | | | | | | 14 | 13 | 104 | 32 | | | | | | |
| 4 / 4 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 49 | 3 | | | | | | |
| 47 / 43 | | | | | | .3 | | | | | | | | | | | | 7 | 7 | 72 | 14 | | | | | | |
| / 41 | | | | | | | | | | | | | | | | | | | | 81 | 47 | | | | | | |
| / 3 | | | | | | | | | | | | | | | | | | | | 34 | 10 | | | | | | |
| / 27 | | | | | | | | | | | | | | | | | | | | 21 | 13 | | | | | | |
| / 32 | | | | | | | | | | | | | | | | | | | | 6 | 1 | | | | | | |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 6 | 42 | | | | | | |
| / 21 | | | | | | | | | | | | | | | | | | | | | 62 | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| / 27 | | | | | | | | | | | | | | | | | | | | | 34 | | | | | | |
| / 25 | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | |
| / 2 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| 2 / 22 | | | | | | | | | | | | | | | | | | | | | 47 | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | 32 | | | | | | |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...74... | ...AVIS-MONTHAN AFB AZ | 75-84 | OCT |

HOURS (L. S. T.) ...-02 C

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / I | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | 4.4 | [illegible] | 6.2 | [illegible] | [illegible] | 11. | 14.7 | 11.5 | 12.9 | [illegible] | [illegible] | 1.2 | | | | | | | | | |

| 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. | 2...164...8 | 41184 | 44.3 | 20.56... | 930 | | | | | | | |
| Dry Bulb | 3712...1... | 58361 | 62.8 | 7.310 | 930 | | | 28.1 | 8.7 | 1.7 | | 93 |
| Wet Bulb | 2...38002 | 47090 | 50.6 | 6.853 | 930 | | | .6 | | | | 93 |
| Dew Point | 1501444 | 35536 | 38.2 | 12.432 | 930 | | 33.2 | | | | | 93 |

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

2

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

# PSYCHROMETRIC SUMMARY

...74 STATION | ...S-MCGHAN AFB AZ STATION NAME | 75-84 YEARS | OCT MONTH

PAGE 1 | 00Z-06Z-12Z-18Z HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 1 | | | | | | | | | | .1 | | .1 | | | | | | 4 | 4 | | |
| / 72 | | | | | | | | | .3 | | .1 | .1 | | | | | | 5 | 5 | | |
| 7 / 7 | | | | | | | | | | .1 | .1 | .2 | | | | | | 4 | 4 | | |
| / 7 | | | | | | .1 | .1 | | | .3 | .5 | .1 | | | | | | 11 | 11 | | |
| / 7 | | | | | .1 | .5 | .2 | .2 | .2 | .8 | .3 | .1 | | | | | | 23 | 23 | | |
| / 71 | | | | | | .1 | .3 | .6 | .5 | .4 | .1 | .3 | | | | | | 24 | 24 | | |
| / 6 | | | .4 | .2 | .2 | .4 | .3 | 1.1 | 1.2 | .8 | 1.0 | .3 | .5 | | | | | 66 | 66 | 5 | |
| 6 / 6 | | 1.0 | .2 | .1 | .5 | 1.4 | 1.2 | 1.4 | .5 | 1.5 | .5 | | | | | | | 76 | 76 | 9 | |
| 6 / 2 | | | .2 | .2 | .5 | 1.1 | 1.1 | 1.1 | .8 | 1.6 | .9 | 1.3 | | | | | | 85 | 85 | 28 | 12 |
| / 51 | .1 | 2.1 | .7 | 1.1 | 1.2 | 1.7 | 1.7 | 1.5 | 1.2 | 2.0 | | | | | | | | 119 | 119 | 7 | 4 |
| / 5 | | .6 | .5 | 1.3 | 1.7 | .5 | .7 | 1.7 | .9 | 1.3 | | | | | | | | 93 | 93 | 43 | 25 |
| / 57 | | 1.2 | 1.1 | .9 | 1.2 | 1.1 | 1.1 | 1.9 | 1.5 | .1 | | | | | | | | 99 | 99 | 65 | 37 |
| 5 / 55 | | .8 | .5 | 1.3 | 1.5 | .6 | 1.1 | 1.7 | .6 | | | | | | | | | 75 | 75 | 159 | 13 |
| / 5 | | .6 | .4 | .5 | .4 | .2 | 1.1 | .5 | .3 | | | | | | | | | 43 | 43 | 95 | 4 |
| / 1 | | .1 | 1.2 | 1.4 | .4 | .2 | 1.1 | .5 | .1 | | | | | | | | | 58 | 58 | 94 | 41 |
| / 4 | | | | .8 | .5 | 1.2 | 1.1 | .1 | .2 | | | | | | | | | 34 | 34 | 73 | 17 |
| / 47 | | | .1 | .5 | .5 | .5 | 1.4 | .1 | | | | | | | | | | 20 | 20 | 116 | 42 |
| / 4 | | | | .2 | .3 | .5 | .4 | | | | | | | | | | | 13 | 13 | 78 | 7 |
| / 43 | | | | .2 | | .7 | .2 | | | | | | | | | | | 7 | 7 | 73 | 43 |
| / 41 | | | | | | | | | | | | | | | | | | | | 56 | 54 |
| / | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 35 | 25 |
| / 37 | | | | | | | | | | | | | | | | | | | | 20 | 16 |
| / 3 | | | | | | | | | | | | | | | | | | | | 10 | 7 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 9 | 4 |
| / 3 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 2 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

...AL CLIMATOLOGY BRANCH
...ETIC
AT... FATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...2274 | ...EVIS-MONTAGUE AFB CA | 75-84 | OCT
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL O.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | | | | | | |
| 1 ... | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| ... | .1 | ... | ... | 8.9 | 11.3 | 11.3 | 14.7 | 14.0 | 9.9 | 9.7 | 4.7 | 1.7 | .2 | | | | | 97 | 97 | 93 | |

| 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. | 2485713 | 44137 | 47.9 | 20.776 | 930 | | | | | | | |
| Dry Bulb | 3450057 | 56242 | 60.5 | 7.248 | 930 | | | 19.2 | 4.0 | .5 | | 53 |
| Wet Bulb | 2332645 | 46121 | 49.6 | 6.999 | 930 | | .1 | .3 | | | | 47 |
| Dew Point | 1492404 | 35436 | 38.1 | 12.371 | 930 | | 33.1 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | AVIEMORE/HIGHLAND AFD AS STATION NAME | 75-84 YEARS | OCT MONTH

PART I | 2400-2 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| / . | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| / 7 | | | | | | | | .1 | .2 | | .2 | | | | | | | | | | |
| 7 / 77 | | | | | | | .. | | | .1 | .3 | .2 | | | | | | 7 | 7 | | |
| / 7. | | | | | | | | | .3 | .3 | | .1 | | | | | | 7 | 7 | | |
| 7 / 77 | | | | .1 | .1 | .. | .. | .. | 3 | 1.3 | .3 | .2 | .1 | | | | | 5 | 5 | | |
| / 7. | | | | | .4 | .4 | .. | .. | .6 | 1.2 | .4 | .3 | .1 | | | | | 45 | 45 | | |
| / | | | . | .3 | .4 | .2 | .. | 1.7 | .8 | .5 | .4 | .4 | .1 | | | | | 5 | 5 | | |
| / 6. | | . | .1. | .2. | .5. | .. | 1.3 | 1.3 | 1.. | 1.5 | .. | .2 | | | | | | 5 | 5 | 3 | |
| / 6 | | .. | .1 | .. | .3 | 1.7 | 1.4 | 1.2 | .9 | 1.6 | 1.3 | | | | | | | 15 | 15 | 15 | |
| 4 / 5 | | .2. | .1. | .4. | .9. | 1.. | 1.2 | 1.1 | .8 | 1.3 | 1.1 | | | | | | | 23 | 23 | 17 | 9 |
| / 2 | | 1.1 | 1.. | 1.3 | 1.2 | 1.. | .. | 1.5 | 1.2 | 1.5 | .2 | | | | | | | 99 | 99 | 15 | 7 |
| / 5. | | 1.. | 1.4 | 1.1 | 1.4 | 1.7 | .. | 2.3 | 1.9 | 1.2 | | | | | | | | 127 | 127 | 41 | 1. |
| / 77 | | .2 | 1.. | .5 | .2 | .2 | .. | 1.1 | 1.2 | .5 | | | | | | | | 1 | 1 | 5. | 1 |
| 2 / 25 | | .. | .2. | 1.4 | 1.2 | .. | 1.5 | .6 | 1.2 | | | | | | | | | 73 | 73 | 106 | 22 |
| .. / 5 | | .2 | 1.1 | .3 | 1.5 | .4 | .. | 1.2 | | | | | | | | | | 85 | 85 | 99 | 28 |
| / 77 | | . | .. | 1.. | .2 | 1.. | 1.2 | 1.. | .2 | | | | | | | | | 4 | 4 | 96 | 41 |
| / 8 | | . | . | .4 | .6 | .5 | .. | .5 | .1 | | | | | | | | | 1 | 1 | 31 | 2 |
| / 47 | | . | .1. | .5. | .5 | .1 | .4 | .2 | | | | | | | | | | | | 5. | 5 |
| 4 / 4 | | | | .1 | .4 | .4 | .5 | | | | | | | | | | | 12 | 12 | 87 | 67 |
| 4 / 43 | | . | . | .1. | .3. | .5. | .. | .1 | | | | | | | | | | 12 | 12 | 75 | 63 |
| / 41 | | | | .1 | | .2 | | | | | | | | | | | | 5 | 5 | 5. | 4 |
| / 3 | | . | . | . | . | .2 | | | | | | | | | | | | | | 4. | 2 |
| / 47 | | | | | | | | | | | | | | | | | | | | 16 | 4 |
| / 36 | | | | | | | | | | | | | | | | | | | | 21 | 33 |
| 3 / 73 | | | | | | | | | | | | | | | | | | | | 3 | 4 |
| / 31 | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| / | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| / 27 | | | | | | | | | | | | | | | | | | | | | |
| / 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| / 22 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 21 | | | | | | | | | | | | | | | | | | | | | 34 |
| / 1 | | | | | | | | | | | | | | | | | | | | | 57 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 17 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...74[illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | OCT |

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] 11 | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | | 5.3 | [illegible] | 8.8 | 11.9 | 12.3 | 12.5 | 14.6 | 9.8 | 10.3 | 5.6 | 1.6 | .3 | | | | | 93 | [illegible] | 97 | [illegible] |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2458388 | 43940 | 47.2 | 20.287 | 930 | | | | | | | |
| Dry Bulb | 35 7627 | 56699 | 61.0 | 7.400 | 930 | | | 12.4 | 4.7 | .2 | | 17 |
| Wet Bulb | 2362307 | 46426 | 49.9 | 6.936 | 930 | | .6 | .3 | | | | 93 |
| Dew Point | 1614127 | 35793 | 38.5 | 12.124 | 930 | | 31.5 | | | | | 97 |

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

2

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

# PSYCHROMETRIC SUMMARY

...74... STATION | ...-M...MAN AFB, AZ STATION NAME | 55-84 YEARS | ...LST MONTH

... 1 | 0900-11... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ... | | | | | | | | | | | | | | | | .1 | | 1 | 1 | | |
| .../... | | | | | | | | | | | | | | .1 | .1 | .1 | | | | | |
| .../... | | | | | | | | | | | | | | .1 | .4 | .1 | .3 | 5 | 5 | | |
| .../... | | | | | | | | | | | | | .6 | .5 | .3 | .3 | | 17 | 17 | | |
| ... | | | | | | | | | | | .1 | .4 | .5 | .7 | 1.1 | .4 | | 34 | 34 | | |
| .../... | | | | | | | | | .2 | .5 | .2 | 1.2 | 1.4 | 1.2 | 1.3 | .1 | | 5[illegible] | [illegible] | | |
| .../... | | | | | | | | | 1 | .2 | 1.2 | .9 | .6 | 1.6 | .4 | .1 | | 4[illegible] | 4[illegible] | | |
| ... | | | | | | | .1 | .2 | .8 | .4 | 1.6 | 1.6 | 1.2 | 1.6 | .5 | | | [illegible] | [illegible] | | |
| 7.../... | | | | | | .1 | .5 | .. | .5 | 1.3 | .5 | 1.2 | 1.4 | .2 | | | | 7[illegible] | 7[illegible] | | |
| .../... | | | | | .. | .. | .4 | .2 | .3 | .9 | 1.4 | 1.1 | 1.6 | .2 | | | | [illegible] | [illegible] | | |
| .../... | | | | .2 | .1 | .4 | .5 | .2 | 1.2 | 1.1 | .9 | 1.5 | 1.4 | .3 | .1 | | | 7[illegible] | 7[illegible] | | |
| .../... | | | | .2 | .6 | .2 | 1.1 | 1.4 | 1.6 | 1.4 | .6 | 1.5 | 1.1 | .4 | | | | [illegible] | [illegible] | | |
| .../... | | | | | | .1 | .4 | 1.5 | .6 | 1.1 | .6 | .6 | 1.1 | | | | | [illegible] | 6[illegible] | 3 | |
| .../6... | | | | .1 | .5 | 1.5 | .. | .9 | 1.2 | .6 | .6 | .3 | | | | | | 6[illegible] | 6[illegible] | 15 | |
| .../6... | | .1 | .2 | .3 | .9 | .6 | .. | 1.1 | .8 | 1.1 | 1.1 | .2 | | | | | | 67 | 67 | 31 | |
| .../... | | .2 | .1 | .4 | .9 | .4 | .6 | .5 | .4 | .6 | .4 | | | | | | | 41 | 41 | 48 | |
| .../... | | .4 | .3 | .1 | 1.2 | .3 | .4 | .4 | .3 | .9 | .2 | | | | | | | 41 | 41 | 93 | .9 |
| .../... | | .1 | | .3 | .6 | .5 | .2 | .6 | .4 | .4 | | | | | | | | 31 | 31 | 126 | 17 |
| .../57... | | | .2 | .2 | .1 | .1 | .2 | .1 | .1 | .4 | | | | | | | | 19 | 19 | 121 | 13 |
| 5.../55... | | | .1 | .2 | .2 | .4 | .4 | .2 | .2 | | | | | | | | | 17 | 17 | 119 | 37 |
| .../53... | | | .1 | .1 | .2 | .2 | | | .1 | | | | | | | | | 7 | 7 | 112 | 55 |
| .../51... | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 91 | 31 |
| .../... | | | | | | | | | | | | | | | | | | | | 63 | 67 |
| .../47... | | | | | | | | | | | | | | | | | | | | 4... | 7... |
| 4.../4... | | | | | | | | | | | | | | | | | | | | 2... | 53 |
| .../43... | | | | | | | | | | | | | | | | | | | | 2... | 63 |
| .../41... | | | | | | | | | | | | | | | | | | | | 0 | 16 |
| .../3... | | | | | | | | | | | | | | | | | | | | 4. | 43 |
| .../37... | | | | | | | | | | | | | | | | | | | | 1 | 47 |
| .../35... | | | | | | | | | | | | | | | | | | | | | 5 |
| 3.../33... | | | | | | | | | | | | | | | | | | | | | 2 |
| .../31... | | | | | | | | | | | | | | | | | | | | | 11 |
| .../29... | | | | | | | | | | | | | | | | | | | | | 34 |
| .../27... | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...745 | DAVIS-MONTHAN AFB AZ | 75-84 | OCT
STATION | STATION NAME | YEARS | MONTH

... | 00-11
... | HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | |
| ... | .4 | 2.0 | 2.7 | 5.6 | 6.9 | 7.0 | 8.9 | 10.7 | 9.5 | 11.6 | 10.7 | 9.9 | 7.5 | 3.9 | 1.3 | .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. | 1443[illegible] | 72711 | 35.2 | 17.736 | 929 | | | | | | | |
| Dry Bulb | 4[illegible] | 6762° | 72.7 | 8.131 | 930 | | | 70.8 | 48.4 | 20.7 | .1 | |
| Wet Bulb | 2[illegible] | 51764 | 55.7 | 5.710 | 929 | | | 1.8 | | | | 93 |
| Dew Point | 1[illegible] | 37860 | 40.8 | 11.099 | 929 | | 22.8 | .2 | | | | 93 |

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

2

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

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible]-M[illegible]THAN AFB AZ STATION NAME | 75-84 YEARS | [illegible] MONTH

[illegible] 1200-1400 HOURS (L. S. T.)

| Temp (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] | | | | | | | | | | | | | | | | | .1 | 1 | 1 | | |
| / 97 | | | | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | | | | .7 | 1.0 | 14 | 14 | | |
| / [illegible] | | | | | | | | | | | | | | | [illegible] | .4 | 1.[illegible] | [illegible] | [illegible] | | |
| / [illegible] | | | | | | | | | | | | | .1 | .1 | [illegible] | 1.4 | 2.1 | 1 | [illegible] | | |
| / 5 | | | | | | | | | | | | .3 | .1 | .4 | 1.6 | 1.5 | 1.[illegible] | 55 | [illegible] | | |
| / [illegible] | | | | | | | | | | | . | .2 | .2 | 1.2 | 1.[illegible] | 1.7 | 1.2 | 47 | 47 | | |
| / [illegible] | | | | | | | | | | .2 | .4 | .3 | .9 | 1.7 | 2.3 | 1.5 | .1 | [illegible] | [illegible] | | |
| / [illegible] | | | | | | | | .1 | .4 | .2 | 1.3 | 1.5 | 1.6 | 2.7 | 1.6 | 1.7 | | 1[illegible] | 1[illegible] | | |
| / [illegible] | | | | | | | | .1 | .3 | .8 | .6 | 1.7 | .9 | 2.4 | 1.7 | .2 | | [illegible]1 | 81 | | |
| / 7 | | | | | | | . | .2 | 1.1 | 1.0 | 1.3 | 1.2 | 1.7 | 1.6 | 1.1 | | | [illegible] | [illegible] | | |
| 7 / 77 | | | | | | .2 | . | .3 | .6 | 1.6 | 1.7 | 1.6 | 1.1 | 1.2 | .1 | | | 65 | [illegible] | | |
| / 7[illegible] | | | | | .1 | | . | .3 | 1.7 | .9 | .9 | .6 | .9 | .[illegible] | | | | 54 | 54 | | |
| / 7[illegible] | | | .1 | | .1 | | . | .6 | 1.5 | 1.2 | .4 | .3 | .5 | .4 | | | | 62 | [illegible] | | |
| / 71 | | | .1 | .4 | | .1 | . | .9 | 1.1 | .5 | .5 | .9 | 1.2 | | | | | [illegible]4 | 54 | | |
| / [illegible] | | | .1 | .1 | .2 | .2 | .4 | .2 | .9 | .4 | .8 | 1.1 | .2 | | | | | [illegible] | 43 | [illegible] | 1 |
| 6[illegible] | | .7 | .1 | | .1 | .2 | . | .5 | .5 | .5 | .4 | 1.0 | | | | | | 41 | 41 | 28 | |
| / [illegible] | | | .2 | | | .3 | .4 | .5 | | .3 | .2 | .1 | | | | | | 1 | 1 | 41 | [illegible] |
| / [illegible] | | .2 | .2 | .3 | .2 | .2 | .1 | .3 | .2 | .1 | .2 | | | | | | | [illegible] | 2[illegible] | 75 | 4 |
| / 61 | | .2 | | | .3 | | . | .2 | | .1 | | | | | | | | 9 | [illegible] | 12[illegible] | 14 |
| / [illegible] | | | | .1 | .1 | | | .4 | | .1 | | | | | | | | 7 | 7 | 15[illegible] | [illegible] |
| / 57 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | 141 | 14 |
| / 55 | | | .1 | | .1 | | | | | | | | | | | | | [illegible] | | 145 | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 39 | [illegible] |
| / [illegible]1 | | | | .2 | | | | | | | | | | | | | | [illegible] | [illegible] | 4[illegible] | [illegible] |
| / 4[illegible] | | | | | | | | | | | | | | | | | | | | 35 | 43 |
| / 47 | | | | | | | | | | | | | | | | | | | | [illegible]2 | [illegible] |
| / 4[illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | 75 |
| / 43 | | | | | | | | | | | | | | | | | | | | 4 | [illegible] |
| / 41 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 3[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 | | | | | | | | | | | | |

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | DAVIS-MONTHAN AFB [illegible] | [illegible]-84 | [illegible] |

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

| Temp. (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] | | • | 1.[illegible] | 1.2 | 1.3 | 1.[illegible] | [illegible] | 5.2 | [illegible].4 | [illegible].3 | 9.2 | 1[illegible].[illegible] | [illegible].2 | 1[illegible].[illegible] | 10.3 | 7.[illegible] | 1[illegible].1 | | [illegible] | | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | [illegible]1434 | 25[illegible]36 | 26.[illegible] | 15.356 | 930 | | | | | | | |
| Dry Bulb | [illegible]9445[illegible] | 73936 | 79.5 | 8.469 | 930 | | | [illegible]6.[illegible] | 72.[illegible] | 4[illegible].[illegible] | [illegible].3 | [illegible] |
| Wet Bulb | 3116[illegible]3[illegible] | [illegible]3645 | 57.7 | 4.926 | 930 | | | [illegible].9 | | | | [illegible] |
| Dew Point | 1[illegible]34[illegible] | 36532 | 39.3 | 10.369 | 930 | | 26.[illegible] | .1 | | | | [illegible] |

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

2

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

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (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] | | | | | | | | | | | | | | | | | .[illegible] | | | | |
| [illegible] | | | | | | | | | | | | | | | | | .[illegible] | | | | |
| [illegible] | | | | | | | | | | | | | | | | | 1.[illegible] | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | | | | | .1 | 2.[illegible] | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | | | .[illegible] | .[illegible] | 2.[illegible] | 1 | 1 | | |
| [illegible] | | | | | | | | | | | | | .2 | | .4 | 1.4 | 3.[illegible] | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | | | .[illegible] | .4 | | 1.4 | 1.2 | 3.[illegible] | | [illegible] | | |
| [illegible] | | | | | | | | | | | .[illegible] | | .2 | 1.1 | 1.3 | 1.[illegible] | 1.[illegible] | [illegible] | [illegible] | | |
| [illegible] | | | | | | | | | | .1 | .[illegible] | .2 | 1.3 | 1.[illegible] | 2.0 | 2.[illegible] | | 7[illegible] | 7[illegible] | | |
| [illegible] | | | | | | | | | .1 | .[illegible] | .2 | 1.1 | 2.2 | 2.3 | 2.[illegible] | 1.[illegible] | | 1[illegible]1 | 1[illegible] | | |
| [illegible] | | | | | | | | .9 | .[illegible] | .1 | 1.[illegible] | 1.5 | 1.5 | 2.[illegible] | 1.7 | .1 | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | .1 | .4 | .[illegible] | 1.[illegible] | .[illegible] | 1.4 | 1.4 | 1.[illegible] | 1.[illegible] | | | 1 | 1 | | |
| [illegible] | | | | | | | .[illegible] | .1 | 1.0 | 1.5 | 1.3 | .5 | 1.2 | 1.[illegible] | .7 | | | 7[illegible] | 7 | | |
| [illegible] | | | | | .1 | .2 | | | 1.3 | 1.1 | .[illegible] | .7 | .4 | .4 | | | | [illegible]3 | 4[illegible] | | |
| [illegible] | | | | .[illegible] | | .[illegible] | .[illegible] | .3 | 1.1 | 1.[illegible] | .[illegible] | .4 | 1.[illegible] | .[illegible] | | | | [illegible] | [illegible] | | |
| [illegible] | | | | .[illegible] | .2 | .3 | .4 | .[illegible] | 2 | .3 | .6 | .[illegible] | .9 | | | | | [illegible] | | | |
| [illegible] | | .[illegible] | .[illegible] | .[illegible] | | | .[illegible] | .2 | .1 | 1.7 | .[illegible] | .4 | .4 | | | | | [illegible]7 | [illegible]7 | | |
| [illegible] | | .[illegible] | .2 | | .1 | .1 | .5 | .[illegible] | .2 | .2 | .4 | .6 | .2 | | | | | [illegible]3 | [illegible] | [illegible] | [illegible] |
| [illegible] | | | .[illegible] | .[illegible] | .1 | .1 | .[illegible] | .3 | .7 | .1 | | .1 | | | | | | 1[illegible] | 1[illegible] | [illegible] | [illegible] |
| [illegible] | | .[illegible] | | .4 | .2 | .2 | | .2 | .4 | | .3 | | | | | | | 1[illegible] | 1[illegible] | 6[illegible] | [illegible] |
| [illegible] | | | .[illegible] | | .1 | .1 | .1 | .2 | | .1 | | | | | | | | [illegible] | 7 | 1[illegible] | [illegible] |
| [illegible] | | | | .[illegible] | .1 | .1 | .1 | .2 | | | | | | | | | | | | 1[illegible] | 1[illegible] |
| [illegible] | | | | | | .1 | .1 | | | | | | | | | | | | [illegible] | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 134 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 72 | 1[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | 1[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2[illegible] | 4[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 5 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 4 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |

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

(Columns ≤ 0 F through Total under: Mean No. of Hours with Temperature)

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

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 722745 | DAVIS-MONTHAN AFB AZ | 75-84 | OCT |

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

| Temp. (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 | | .5 | .[illegible] | 1.5 | 1.[illegible] | 1.5 | 2.3 | 4.1 | 6.2 | 7.7 | 7.7 | 7.8 | 12.3 | 11.4 | 11.0 | 9.9 | 14.5 | 930 | 930 | 930 | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 7696[illegible]1 | 22[illegible]71 | 24.6 | 14.937 | 930 |
| Dry Bulb | 6125368 | 75[illegible]60 | 80.7 | 8.513 | 930 |
| Wet Bulb | 3109343 | 53592 | 57.6 | 4.818 | 930 |
| Dew Point | 1435263 | 35229 | 37.9 | 10.415 | 930 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 87.8 | 75.[illegible] | 55.6 | 7.[illegible] | 93 |
| Wet Bulb | | | 3.3 | | | | 93 |
| Dew Point | | 30.7 | .3 | | | | 93 |

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

...L CLIMATOLOGY BRANCH
...ETAC
...EAT ER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

...4... STATION ...VIS-...MAN AFB AZ STATION NAME 75-84 YEARS ...CT MONTH

...ART 1 1800-... HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | Dry Bulb | Wet Bulb | Dew Point |
| ... | | | | | | | | | | | | | | | | .1 | .3 | 4 | 4 | | | |
| ... | | | | | | | | | | | | | | | | .7 | .2 | - | - | | | |
| ... | | | | | | | | | | | | .1 | | | .2 | .3 | .1 | 17 | 17 | | | |
| ... | | | | | | | | | | | | .1 | .1 | .2 | .5 | 1.1 | .2 | 54 | 54 | | | |
| ... | | | | | | | | | | | .2 | | .3 | 1.3 | 1.2 | .4 | | 72 | 72 | | | |
| ... | | | | | | | | | | .1 | .3 | .3 | 1.5 | 1.4 | 1.7 | .3 | | 91 | 91 | | | |
| ... | | | | | | | | | .2 | .2 | .3 | .9 | 1.0 | 2.5 | 1.1 | .1 | | 89 | 89 | | | |
| ... | | | | | | | .1 | .2 | .2 | .2 | .5 | 1.4 | 1.7 | 2.5 | .5 | | | 2... | 2... | | | |
| 7... | | | | | | .3 | .2 | .4 | .3 | 1.1 | 1.5 | 1.5 | 1.6 | 1.4 | .2 | | | ...8 | ...8 | | | |
| ... | | | | | .1 | .4 | .5 | 1.2 | .2 | 1.3 | 1.1 | 1.3 | 2.3 | .5 | | | | ...2 | ...2 | | | |
| ... | | | | .1 | .4 | .3 | .3 | .6 | 1.3 | 1.4 | 1.2 | 1.5 | 1.4 | .3 | | | | ...2 | ...0 | | | |
| ... | | | | .2 | .1 | .4 | .5 | 1.3 | 1.2 | 1.3 | 1.3 | .8 | .3 | | | | | 73 | 73 | | | |
| ... | | .2 | .4 | .2 | .4 | .3 | 1.1 | 1.1 | .6 | .9 | .9 | 1.4 | .4 | | | | | 79 | 79 | 1 | | |
| ... | | .1 | .1 | .1 | .2 | .2 | 1.2 | 1.1 | .6 | 1.0 | .3 | 1.1 | .2 | | | | | 73 | 73 | 14 | 1 | |
| ... | | .2 | .1 | | .2 | .2 | .3 | .6 | .4 | 1.1 | 1.4 | .1 | | | | | | 56 | 56 | 33 | 7 | |
| ... | | .2 | | .2 | .4 | .4 | .4 | .5 | .2 | .9 | .4 | .1 | | | | | | 39 | 39 | 24 | 10 | |
| ... | | .2 | .2 | .2 | .3 | .2 | .2 | .4 | .6 | .6 | .6 | | | | | | | 93 | 93 | 65 | 11 | |
| ... | | .2 | .2 | .2 | .3 | .1 | .2 | .4 | .3 | .3 | .2 | | | | | | | 27 | 27 | 119 | 11 | |
| ... | | | .1 | .1 | .1 | .2 | .1 | | | .1 | | | | | | | | 10 | 10 | 172 | 31 | |
| ... | | | .1 | | .1 | .2 | | | .1 | | | | | | | | | 5 | 5 | 146 | .6 | |
| ... | | | | | | .2 | | | .2 | | | | | | | | | 6 | 6 | 170 | 12 | |
| ... | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 92 | 34 | |
| ... | | | | | | | | | | | | | | | | | | | | 70 | 41 | |
| ... | | | | | | | | | | | | | | | | | | | | 53 | 6... | |
| ... | | | | | | | | | | | | | | | | | | | | 44 | 4... | |
| ... | | | | | | | | | | | | | | | | | | | | 18 | 2... | |
| ... | | | | | | | | | | | | | | | | | | | | 9 | 44 | |
| ... | | | | | | | | | | | | | | | | | | | | 2 | ... | |
| ... | | | | | | | | | | | | | | | | | | | | 1 | 1... | |
| ... | | | | | | | | | | | | | | | | | | | | | 0 | |
| ... | | | | | | | | | | | | | | | | | | | | | ... | |
| ... | | | | | | | | | | | | | | | | | | | | | ... | |
| ... | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | [illegible] |

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

| 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] | | 1.[illegible] | 1.[illegible] | 2.2 | 2.[illegible] | [illegible].2 | 5.7 | 8.[illegible] | 7.5 | 10.1 | 11.7 | 11.4 | 11.3 | 10.[illegible] | [illegible].3 | 3.2 | 1.[illegible] | | [illegible] | | [illegible] |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | Σx² | Σx | X̄ | σx | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1211[illegible] | 29[illegible]87 | 31.3 | 19.013 | 930 | | | | | | | |
| Dry Bulb | [illegible]12[illegible]99 | 68601 | 73.[illegible] | 8.022 | 930 | | | 75.2 | 52.[illegible] | 22.7 | .4 | 93 |
| Wet Bulb | 2[illegible]56581 | 51265 | 55.1 | 5.535 | 930 | | | 1.5 | | | | 93 |
| Dew Point | 1473991 | 35435 | 38.1 | 11.546 | 930 | | 32.2 | .1 | | | | 93 |

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

2

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

# PSYCHROMETRIC SUMMARY

...STATION | AVIS-M...NTHAN AFB AZ STATION NAME | 25-34 YEARS | ...CT MONTH

...HOURS (L. S. T.) | 2100-2700 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ...37 | | | | | | | | | | | | | | | .1 | | | 1 | 1 | | |
| ... | | | | | | | | | | | | | .1 | .2 | | | | 3 | 3 | | |
| ... | | | | | | | | | .1 | .1 | | | .2 | .4 | .2 | | | 10 | 1 | | |
| ...21 | | | | | | | | | .1 | | .2 | .5 | .2 | .4 | | | | 14 | 14 | | |
| ...72 | | | | | | | | | .2 | .5 | .5 | .4 | .3 | .3 | | | | 46 | 46 | | |
| 7 / 77 | | | | | | | | .2 | .2 | .6 | 1.1 | .5 | .5 | .3 | | | | 44 | 44 | | |
| ... | | | | | | .1 | .2 | .1 | .1 | .5 | 1.5 | .8 | 1.0 | | | | | 29 | 29 | | |
| 8/ 82 | | | | | .1 | | | .2 | 1.4 | 1.1 | .2 | 1.4 | .3 | .1 | | | | 31 | 31 | | |
| ...71 | | | .1 | | .3 | .4 | .3 | .9 | .8 | 1.2 | 2.3 | 1.9 | .9 | | | | | 50 | 50 | | |
| ...69 | | | .5 | .4 | .5 | .4 | 1.1 | 1.6 | 1.4 | .9 | 1.8 | .4 | .1 | | | | | 58 | 58 | | |
| ...67 | | .6 | .3 | .3 | .2 | .5 | 1.1 | .8 | .6 | 1.6 | 1.6 | .6 | | | | | | 65 | 65 | 9 | |
| ...65 | | .5 | .3 | .6 | .9 | 1.6 | 1.6 | 1.1 | 1.2 | 2.2 | 1.3 | .3 | | | | | | 115 | 115 | 16 | 11 |
| ...63 | | .4 | .4 | 1.3 | 1.5 | .3 | 1.3 | 1.7 | 1.7 | 1.5 | 1.0 | | | | | | | 107 | 107 | 27 | 6 |
| ...61 | | | .6 | 1.3 | .2 | .1 | .1 | .4 | 1.2 | 1.9 | .3 | | | | | | | 63 | 63 | 31 | 15 |
| ...59 | | .4 | .6 | .9 | .8 | 1.2 | .4 | .9 | .6 | 1.8 | .1 | | | | | | | 72 | 72 | 50 | 17 |
| ...57 | | | .3 | .8 | 1.2 | .5 | .5 | 1.2 | 1.3 | .4 | .1 | | | | | | | 56 | 56 | 107 | 17 |
| 5 / ...5 | | | .3 | .2 | .4 | .2 | .4 | .6 | 1.0 | .1 | | | | | | | | 33 | 33 | 109 | 37 |
| ...53 | | | | .1 | .5 | .6 | .2 | .9 | .4 | .1 | | | | | | | | 27 | 27 | 103 | 47 |
| ...51 | | | .1 | .2 | .5 | .3 | .2 | .2 | .1 | | | | | | | | | 14 | 14 | 103 | 47 |
| ... | | | | | .4 | | | .2 | .2 | | | | | | | | | 8 | 8 | 103 | 47 |
| ...47 | | | | | .1 | | .1 | .2 | | | | | | | | | | 4 | 4 | 78 | 5 |
| ...45 | | | | | | | | | | | | | | | | | | | | 26 | 15 |
| ...43 | | | | | | | | | | | | | | | | | | | | 57 | 47 |
| ...41 | | | | | | | | | | | | | | | | | | | | 34 | 47 |
| ... | | | | | | | | | | | | | | | | | | | | 23 | 34 |
| ...37 | | | | | | | | | | | | | | | | | | | | 8 | 8 |
| ...35 | | | | | | | | | | | | | | | | | | | | 5 | 5 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 3 | 31 |
| ...31 | | | | | | | | | | | | | | | | | | | | | 17 |
| ...29 | | | | | | | | | | | | | | | | | | | | | 46 |
| ...27 | | | | | | | | | | | | | | | | | | | | | 41 |
| ...25 | | | | | | | | | | | | | | | | | | | | | 29 |
| ...23 | | | | | | | | | | | | | | | | | | | | | 17 |
| ...21 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) AUG 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAYTS-WRIGHTMAN AFB AZ STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOTAL | 2.7 | .1 | 5.2 | 7.5 | 7.[illegible] | 9.[illegible] | 11.1 | 12.4 | 14.6 | 12.4 | 7.3 | 4.[illegible] | 1.[illegible] | .3 | | | | 929 | 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. | 1[illegible]154[illegible]2 | 36613 | 39.4 | 20.025 | 929 | | | | | | | |
| Dry Bulb | 41341[illegible]4 | 61593 | 66.3 | 7.410 | 929 | | | 43.5 | 18.4 | 4.2 | | [illegible] |
| Wet Bulb | 2561134 | 48408 | 52.1 | 6.458 | 929 | | | .9 | | | | [illegible] |
| Dew Point | 1485522 | 36310 | 39.[illegible] | 12.432 | 929 | | 33.8 | | | | | [illegible] |

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

2

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

# PSYCHROMETRIC SUMMARY

/0274 — STATION
...AVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
OCT — MONTH
... — 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 | | | | | | | | |
| ≤/101 | | | | | | | | | | | | | | | | | • | | | | | | | | |
| ≤/ 99 | | | | | | | | | | | | | | | | | • | | | | | | | | |
| ≤/ 97 | | | | | | | | | | | | | | | | | • | | | | | | | | |
| ≤/ 95 | | | | | | | | | | | | | | | | • | • | | | | | | | | |
| ≤/ 93 | | | | | | | | | | | | | | | • | • | • | | | | | | | | |
| ≤/ 91 | | | | | | | | | | | | | | | • | • | • | | | | | | | | |
| ≤/ 89 | | | | | | | | | | | | • | • | • | • | • | • | | | | | | | | |
| ≤/ 87 | | | | | | | | | | | • | • | • | • | • | • | • | | | | | | | | |
| ≤/ 85 | | | | | | | | | | • | • | • | • | • | • | • | | | | | | | | | |
| ≤/ 83 | | | | | | | | | • | • | • | • | • | • | • | | | | | | | | | | |
| ≤/ 81 | | | | | | | | • | • | • | • | • | • | • | | | | | | | | | | | |
| ≤/ 79 | | | | | | | • | • | • | • | • | • | • | | | | | | | | | | | | |
| ≤/ 77 | | | | | | • | • | • | • | • | • | • | | | | | | | | | | | | | |
| ≤/ 75 | | | | | • | • | • | • | • | • | • | | | | | | | | | | | | | | |
| ≤/ 73 | | | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | |
| ≤/ 71 | | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | |
| ≤/ 69 | | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | |
| ≤/ 67 | | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | |
| ≤/ 65 | | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | |
| ≤/ 63 | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| ≤/ 61 | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| ≤/ 59 | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| ≤/ 57 | | • | • | • | • | • | • | • | | | | | | | | | | | | | | | | | |
| ≤/ 55 | | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | |
| ≤/ 53 | | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | |
| ≤/ 51 | | • | • | • | • | • | • | | | | | | | | | | | | | | | | | | |
| ≤/ 49 | | • | • | • | • | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 47 | | • | • | • | • | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 45 | | | | • | • | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 43 | | | | • | • | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 41 | | | | • | | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 39 | | | | | | • | | | | | | | | | | | | | | | | | | | |
| ≤/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≤/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | [illegible]-MONTHAN AFB AZ | [illegible] | [illegible] |

HOURS (L. S. T.): ALL

| Temp. (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] | | | | | | | | | | | | | | | | | | | | 71 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 277 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible]4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | . | [illegible] | [illegible] | 4.7 | 6.2 | 7.[illegible] | 8.[illegible] | 1[illegible].1 | 9.5 | 10.4 | [illegible] | 5.7 | 6.1 | 5.[illegible] | [illegible] | [illegible].7 | [illegible] | 743[illegible] | 7439 | 7438 | 7438 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Mean No. of Hours with Temperature | | | | | | |
| Rel. Hum. | 1[illegible] | 275[illegible] | 37.[illegible] | 20.395 | 7438 | | | | | | | |
| Dry Bulb | 36973199 | 518117 | 69.6 | 1[illegible].920 | 7439 | | | 433.4 | 286.1 | 154.9 | 1[illegible].[illegible] | 744 |
| Wet Bulb | 2168[illegible] | 39[illegible]331 | 53.[illegible] | 6.860 | 7438 | | .7 | 11.6 | | | | 744 |
| Dew Point | 120[illegible] | 297131 | 38.6 | 11.659 | 7438 | | 243.3 | .7 | | | | 744 |

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

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

# PSYCHROMETRIC SUMMARY

| [illegible] | [illegible] | [illegible]-84 | [illegible] |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

| Temp. (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] | | | | | | | • | | | | | | | | | | | [illegible] | [illegible] | | |
| / 67 | | | | | | • | • | | .1 | | • | | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | • | | | .3 | .1 | .4 | | | | | | | 11 | 11 | | |
| [illegible] | | | | | | .2 | • | .4 | .3 | .3 | .2 | | | | | | | 24 | 24 | | |
| [illegible] | | | .1 | | .1 | | . | 1.1 | 1.6 | .7 | .1 | | | | | | | 35 | 35 | | |
| / [illegible] | | | • | .4 | .2 | .4 | 1.1 | 2.9 | 1.2 | 1.1 | .3 | | | | | | | 73 | 73 | | |
| 81 | | .5 | .7 | .2 | .1 | 1.2 | .5 | 2.7 | 2.1 | 1.6 | | | | | | | | 94 | 92 | 6 | |
| [illegible] | | .7 | .1 | .5 | 1.3 | 1.2 | 1.1 | 2.1 | 2.6 | .3 | | | | | | | | 97 | 97 | 13 | 6 |
| / [illegible] | .5 | 1.6 | 1. | .6 | 2. | 1. | 2.1 | 2.3 | .7 | | | | | | | | | 110 | 11[illegible] | 71 | 11 |
| / [illegible] | .1 | .6 | .3 | 1.6 | 1.9 | 2.4 | 1.2 | 1.2 | .8 | | | | | | | | | 121 | 121 | 21 | 21 |
| / [illegible] | | .6 | 1.4 | 1. | 2.2 | 2.1 | • | 1.4 | .1 | | | | | | | | | 87 | 87 | 40 | 1[illegible] |
| / 47 | | .6 | 1.1 | 1.1 | 1.4 | .2 | 1.1 | 1.2 | | | | | | | | | | 71 | 71 | 74 | 14 |
| / 4[illegible] | .7 | .9 | .5 | 1. | .7 | .3 | 1.5 | .4 | | | | | | | | | | [illegible] | [illegible] | 125 | [illegible] |
| / 4[illegible] | .1 | 1.2 | .4 | .1 | .2 | .5 | 1.5 | .2 | | | | | | | | | | 42 | 42 | 131 | 27 |
| / 4[illegible] | | 1.1 | • | .3 | .9 | .7 | .1 | | | | | | | | | | | 50 | [illegible] | 147 | 34 |
| / [illegible] | .1 | 1. | .2 | .1 | .3 | .4 | .2 | | | | | | | | | | | [illegible] | 27 | 99 | [illegible] |
| [illegible] | | .2 | .8 | | .2 | .4 | .2 | | | | | | | | | | | 1[illegible] | 1[illegible] | 60 | 47 |
| [illegible] | | .2 | .1 | | | .1 | | | | | | | | | | | | 9 | 9 | 54 | 7 |
| / 33 | | .3 | .4 | | | .3 | | | | | | | | | | | | 10 | 10 | 42 | 31 |
| / 3[illegible] | | .1 | .4 | .1 | | .2 | | | | | | | | | | | | 5 | 5 | 27 | 32 |
| / | | | | | | | | | | | | | | | | | | | | 13 | 5[illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 9 | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 4 | 4[illegible] |
| / 2[illegible] | | | | | | | | | | | | | | | | | | | | 4 | 4[illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 17 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 6 |
| / 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| / 1 | | | | | | | | | | | | | | | | | | | | | 15 |
| / | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 1 | | | | | | | | | | | | | | | | | | | | | 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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...24' | AVIS-MONTHAN AFB AZ | 75-84 | NOV |

HOURS (L. S. T.) ...00-...

| Temp. (F) / -3 | 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 | 1.1 | 2.4 | 7.1 | 12.3 | 13.9 | 13.9 | 16.7 | 9.8 | 4.9 | 1.4 | | | | | | | | | | |

| 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. | 2467501 | 42585 | 47.3 | 22.436 | 900 | | | | | | | |
| Dry Bulb | 2457172 | 46533 | 51.7 | 7.184 | 900 | | .2 | 1.0 | | | | ...2 |
| Wet Bulb | 1034571 | 37969 | 42.2 | 6.035 | 900 | | 5.7 | | | | | 4... |
| Dew Point | 910400 | 26684 | 29.6 | 11.518 | 900 | .2 | 53.9 | | | | | 5... |

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

2

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

# PSYCHROMETRIC SUMMARY

...4 STATION | ...ILSTROM AFB, MT STATION NAME | 73-84 YEARS | NOV MONTH

...A, ... | ...-... 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 | | | | | | | |
| ...5 | | | | | | .1 | | | 2 | | | | | | | | | 2 | 2 | | | | | |
| ...2 | | | | | .2 | .2 | | .1 | | .1 | .2 | | | | | | | 4 | 4 | | | | | |
| ... | | | | | .3 | .2 | .3 | .1 | .3 | .3 | .2 | | | | | | | 17 | 17 | | | | | |
| ... | | | | | .1 | .2 | .3 | .4 | .4 | .4 | | | | | | | | 14 | 14 | | | | | |
| ... | | | .1 | | .2 | .2 | .2 | 2.6 | .4 | 1.0 | | | | | | | | 8 | 8 | | | | | |
| ...37 | | .4 | 1.1 | .2 | .6 | 1.1 | .1 | 2.0 | 1.2 | .9 | | | | | | | | 75 | 75 | | | | | |
| ... | | .2 | .1 | .2 | .6 | .6 | 2.1 | 1.9 | 2.3 | .3 | | | | | | | | 13 | 13 | | | 13 | 7 | |
| ...52 | | .2 | .0 | .2 | 1.6 | 1.6 | 2.4 | 3.2 | .8 | | | | | | | | | 156 | 156 | | | 23 | 7 | |
| ...53 | | 1.7 | .1 | 1.4 | 1.8 | 2.7 | 2.6 | 1.2 | .6 | | | | | | | | | 137 | 137 | | | 34 | 8 | |
| ...4 | .1 | .4 | 2.9 | .2 | 2.4 | 1.2 | 2.1 | 1.7 | .2 | | | | | | | | | 164 | 164 | | | 41 | 17 | |
| ...47 | | .7 | 1. | 2. | 2.3 | .9 | 1.1 | 1.7 | | | | | | | | | | 83 | 83 | | | 56 | 17 | |
| ...4 | .1 | .6 | .3 | 1.2 | .9 | .5 | 1.1 | .2 | | | | | | | | | | 62 | 62 | | | 125 | 17 | |
| ...41 | | 1.7 | .1 | .6 | 1.3 | 1. | 1.2 | | | | | | | | | | | 77 | 77 | | | 107 | 17 | |
| ...41 | | 1.2 | .2 | .4 | .7 | .4 | 1. | | | | | | | | | | | 57 | 57 | | | 142 | 34 | |
| ... | | 1.3 | .2 | .1 | .4 | 1.4 | .1 | | | | | | | | | | | 42 | 32 | | | 178 | 51 | |
| ...77 | | 1.3 | .1 | .2 | .3 | .5 | | | | | | | | | | | | 5 | 5 | | | 75 | 66 | |
| ...38 | | .7 | . | .1 | | .5 | | | | | | | | | | | | 1 | 1 | | | 42 | 45 | |
| ...23 | | | . | | | .2 | | | | | | | | | | | | 3 | 3 | | | 52 | 28 | |
| ... | | .1 | .1 | .2 | .2 | .4 | | | | | | | | | | | | 15 | 15 | | | 30 | 1 | |
| ... | | .1 | .1 | | | | | | | | | | | | | | | | | | | 3 | | |
| ... | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| ...2 | | | | | | | | | | | | | | | | | | | | | | | | |
| ...2 | | | | | | | | | | | | | | | | | | | | | | 5 | 1 | |
| ...23 | | | | | | | | | | | | | | | | | | | | | | 1 | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | |
| ...17 | | | | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | | | | |
| ...13 | | | | | | | | | | | | | | | | | | | | | | | | |
| ...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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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FAT[illegible] SERVICE MAC

2

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVID-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | .1 | .7 | 12. | 7. | 14. | 6 | 14. | 11 | 5. | 8 | 14. | 3 | 5. | 6 | 7. | 1 | .0 | | | |

| 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. | [illegible] | 44049 | 48.9 | 21.71 | 900 | | | | | | | |
| Dry Bulb | [illegible] | 45135 | 50.1 | 7.16 | 900 | | 1.5 | .3 | | | | |
| Wet Bulb | [illegible] | 37107 | 41.2 | 6.175 | 900 | | 7.7 | | | | | |
| Dew Point | [illegible] | 26386 | 29.3 | 11.34 | 900 | .4 | 54.9 | | | | | |

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

2

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

# PSYCHROMETRIC SUMMARY

[illegible] DAVIS-MONTHAN AFB AZ [illegible]
STATION — STATION NAME — YEARS — MONTH

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

| Temp (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] | | | | | | | | | | .1 | | .1 | | | | | | [illegible] | | | |
| [illegible] | | | | | | .[illegible] | | .7 | | | .1 | | | | | | | | | | |
| [illegible] | | | | . | .[illegible] | .[illegible] | .1 | .3 | .2 | .7 | .1 | | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | .1 | .[illegible] | .3 | .6 | 1.1 | .6 | .2 | | | | | | | 24 | [illegible] | | |
| [illegible] | | | . | .[illegible] | .[illegible] | .7 | 1.[illegible] | 1.4 | .9 | .3 | .1 | | | | | | | [illegible] | [illegible] | | |
| [illegible] | | .4 | .[illegible] | | .4 | .7 | .7 | 2.4 | 1.1 | .6 | | | | | | | | [illegible] | [illegible] | [illegible] | |
| [illegible] | | .4 | 1. | .4 | 1.[illegible] | 1.[illegible] | 2.2 | 2.9 | 1.6 | .9 | | | | | | | | 1[illegible] | 1[illegible] | 15 | |
| [illegible] | | .[illegible] | .[illegible] | .1 | .9 | 2.1 | 2.3 | 2.4 | .4 | .2 | | | | | | | | [illegible]7 | [illegible]7 | 1[illegible] | 1 |
| [illegible] | | 1.[illegible] | . | 1.2 | 1.7 | 1.[illegible] | 2.[illegible] | 1.9 | .9 | | | | | | | | | [illegible]9 | [illegible] | 7[illegible] | 1[illegible] |
| [illegible] | [illegible] | .[illegible] | 1.[illegible] | 1.[illegible] | 2.4 | 2.3 | 2.[illegible] | 1.9 | .1 | | | | | | | | | 1[illegible] | 1[illegible] | 7[illegible] | [illegible] |
| [illegible]7 | .1 | 1.1 | 1.[illegible] | 1.7 | 1.4 | .9 | .[illegible] | 1.[illegible] | .1 | | | | | | | | | [illegible]4 | [illegible] | 6[illegible] | 1[illegible] |
| [illegible]4[illegible] | | .[illegible] | 1.2 | 1.4 | 1.4 | .[illegible] | .[illegible] | .2 | | | | | | | | | | [illegible]2 | [illegible] | [illegible]7 | [illegible] |
| [illegible] | | .[illegible] | 1.1 | .[illegible] | .[illegible] | .[illegible] | 1.7 | .1 | | | | | | | | | | [illegible] | [illegible] | 1[illegible] | [illegible]7 |
| [illegible]4[illegible] | | 1.1 | 1.[illegible] | .[illegible] | .9 | 1.3 | .[illegible] | | | | | | | | | | | [illegible]7 | 47 | 134 | [illegible] |
| [illegible] | .1 | .[illegible] | 1.1 | .4 | .4 | .4 | .1 | | | | | | | | | | | [illegible] | [illegible] | 117 | [illegible] |
| [illegible] | | .[illegible] | 1.2 | .3 | .3 | .7 | .1 | | | | | | | | | | | [illegible]1 | 31 | [illegible] | 4[illegible] |
| [illegible] | | .[illegible] | .[illegible] | .1 | .2 | .1 | | | | | | | | | | | | 13 | 1[illegible] | [illegible] | [illegible]7 |
| [illegible] | | | .[illegible] | .1 | | .[illegible] | | | | | | | | | | | | 1[illegible] | 1[illegible] | 4[illegible] | [illegible] |
| [illegible] | | | .[illegible] | | | .[illegible] | | | | | | | | | | | | 7 | 7 | 7[illegible] | [illegible] |
| [illegible] | | | .[illegible] | | .[illegible] | | | | | | | | | | | | | [illegible] | | 21 | [illegible]4 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 1[illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |

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

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

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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] | .4 | .7 | [illegible] | [illegible] | 1 | 4 | 14 | [illegible] | 1 | [illegible] | 6 | 4 | 3 | 2 | [illegible] | [illegible] | 1 | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | 44145 | 47.1 | 21.471 | [illegible] | | | | | | | |
| Dry Bulb | [illegible] | 48143 | 55.2 | 7.272 | 900 | | 1.2 | .2 | | | | |
| Wet Bulb | [illegible] | 37129 | 41.3 | 6.227 | 900 | | 7.3 | | | | | |
| Dew Point | [illegible] | 28472 | 29.4 | 11.262 | 900 | .8 | 54.4 | | | | | [illegible] |

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH | HOURS (L. S. T.) |
|---|---|---|---|---|
| [illegible]224 | [illegible]-M[illegible] AFB AZ | 7[illegible]-84 | [illegible] | [illegible] |

| Temp. (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] | | | | | | | | | | | | | | | .1 | .1 | | | | | |
| [illegible] | | | | | | | | | | | | | | | [illegible] | | | | | | |
| [illegible] 7[illegible] | | | | | | | | | .1 | | | .1 | .1 | [illegible] | .2 | | | [illegible] | [illegible] | | |
| 7 / 77 | | | | | | | | | | [illegible] | [illegible] | .2 | .6 | .3 | .1 | | | [illegible] | [illegible] | | |
| [illegible] 7[illegible] | | | | | | | | .1 | .1 | | [illegible] | .4 | [illegible] | [illegible] | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | | .1 | .1 | | .1 | .2 | 2.1 | 1.1 | .4 | | | | [illegible] | | | |
| [illegible] | | | | | | .1 | [illegible] | [illegible] | | .5 | 1.1 | 2.1 | [illegible] | .1 | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | | [illegible] | [illegible] | .2 | .6 | 1.2 | 2.2 | 1.4 | .9 | | | | | | [illegible] | | |
| [illegible] | | | | | [illegible] | [illegible] | .4 | .4 | 1.1 | 2.[illegible] | 1.[illegible] | .4 | [illegible] | | | | | 67 | 67 | | |
| [illegible] | | | | | .6 | .4 | 1.[illegible] | 1.[illegible] | 1.4 | 2.1 | 1.1 | .6 | | | | | | 74 | 74 | | |
| [illegible] | | | | [illegible] | .6 | .3 | [illegible] | 1.[illegible] | 2.6 | 2.6 | 1.1 | | | | | | | [illegible] | | 1 | |
| [illegible] | | | [illegible] | [illegible] | .7 | 1.[illegible] | 1.1 | 1.[illegible] | 1.9 | 1.1 | [illegible] | | | | | | | | [illegible] | 3 | |
| [illegible] | | | .4 | .2 | [illegible] | [illegible] | 1.[illegible] | 1.7 | 1.[illegible] | 1.2 | .5 | | | | | | | [illegible] | [illegible] | 1[illegible] | |
| [illegible] | | .1 | [illegible] | .1 | .4 | 1.2 | 1.[illegible] | 1.[illegible] | 1.3 | .5 | | | | | | | | [illegible] | [illegible] | 15 | |
| [illegible] | | .2 | .4 | .4 | .3 | 1.1 | 1.6 | 1.2 | 1.2 | .1 | | | | | | | | [illegible] | [illegible] | 29 | |
| [illegible] | | | [illegible] | [illegible] | 1.2 | 1.[illegible] | 1.[illegible] | .6 | .9 | | | | | | | | | [illegible] | [illegible] | [illegible] | 1 |
| [illegible] | | | .5 | 1.4 | .9 | .4 | [illegible] | .3 | [illegible] | | | | | | | | | [illegible] | [illegible] | 12[illegible] | 1[illegible] |
| [illegible] | | .3 | .7 | .4 | .1 | [illegible] | .6 | .4 | .2 | | | | | | | | | [illegible] | [illegible] | 13[illegible] | 1[illegible] |
| [illegible] | | | [illegible] | .4 | .4 | .2 | [illegible] | .4 | | | | | | | | | | [illegible] | [illegible] | 1[illegible]2 | [illegible] |
| [illegible] | | [illegible] | [illegible] | | [illegible] | [illegible] | | .1 | | | | | | | | | | [illegible] | [illegible] | 1[illegible] | 1 |
| [illegible] | | .2 | .4 | .2 | .2 | | [illegible] | .2 | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | [illegible] | [illegible] | 4 | [illegible] |
| [illegible] | | | | .1 | .1 | | [illegible] | | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | | .1 | | | .1 | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] 3 | | | | [illegible] | | | | | | | | | | | | | | 1 | 1 | 1[illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 7 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 7 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 21 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] 1 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | |

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

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

2

CL AL CLIMATOLOGY BRANCH
TAC
AT E SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

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 |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| 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. | | 73254 | 56.3 | 19.264 | 900 | | | | | | | |
| Dry Bulb | | 55266 | 61.4 | 9.720 | 900 | | | | | | | |
| Wet Bulb | | 42676 | 47.4 | 5.584 | 900 | | 1.2 | | | | | |
| Dew Point | | 26554 | 31.7 | 10.463 | 900 | | 49.1 | | | | | |

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

USAFETAC
AL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

STATION _____ STATION NAME _____ YEARS 75-84 MONTH _____

HOURS (L. S. T.) _____

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | | |
| ≥ 80 | | | | | | | | | | | | | | | | | .3 | | | | | | | | |
| 77-79 | | | | | | | | | | | | | | | | | .7 | | | | | | | | |
| 74-76 | | | | | | | | | | | | | .1 | | .2 | .6 | | | | | | | | | |
| 71-73 | | | | | | | | | | | .1 | .1 | .2 | .2 | .2 | 1.2 | | | | | | | | | |
| 68-70 | | | | | | | | | | | .2 | .4 | .5 | 1.4 | 1.7 | .9 | | | | | | | | | |
| 65-67 | | | | | | | | | | .3 | .7 | .6 | .7 | 2.4 | 2.1 | | | | | | | | | | |
| 62-64 | | | | | | | | | .2 | | .1 | .7 | 1.9 | 3.3 | 1.7 | | | | | | | | | | |
| 59-61 | | | | | | | | | 1 | | .0 | 1.6 | 2.8 | 2.6 | | | | | | | | | | | |
| 56-58 | | | | | | | | .7 | .2 | .6 | 1.3 | 2.3 | 2.1 | 1.7 | | | | | | | | | | | |
| 53-55 | | | | | | | .2 | .1 | .2 | .9 | 2.4 | 1.4 | 1.1 | | | | | | | | | | | | |
| 50-52 | | | | | .0 | .4 | .1 | 1.3 | 1.2 | 1.5 | 1.9 | .7 | | | | | | | | | | | | | |
| 47-49 | | | | .2 | .5 | .4 | .7 | 1.3 | 1.8 | 1.7 | 1.0 | .3 | | | | | | | | | | | | | |
| 44-46 | | | | .7 | .7 | .2 | 1.2 | 1.3 | 2.1 | .9 | .7 | | | | | | | | | | | | | | |
| 41-43 | | | | .1 | .1 | 1.2 | 1.0 | 1.6 | .8 | 1.3 | .1 | | | | | | | | | | | | | | |
| 38-40 | | | .1 | .3 | 1.1 | 1.2 | .9 | 1.1 | .7 | .4 | | | | | | | | | | | | | | | |
| 35-37 | | .1 | .2 | .2 | .2 | .3 | .6 | .3 | .9 | | | | | | | | | | | | | | | | |
| 32-34 | | | .2 | .1 | .2 | .6 | .2 | .6 | .4 | .2 | | | | | | | | | | | | | | | |
| 29-31 | | | .2 | .3 | .6 | .4 | .2 | .1 | .7 | .2 | | | | | | | | | | | | | | | |
| 26-28 | | | .1 | .3 | .7 | .3 | .4 | .1 | .2 | | | | | | | | | | | | | | | | |
| 23-25 | | .2 | .4 | .6 | .4 | .4 | .2 | .2 | .4 | .2 | | | | | | | | | | | | | | | |
| 20-22 | | | .1 | .2 | .3 | .6 | .4 | .4 | | | | | | | | | | | | | | | | | |
| 17-19 | | .1 | .1 | | .2 | .3 | .1 | .1 | | | | | | | | | | | | | | | | | |
| 14-16 | | .1 | | | | | | .2 | | | | | | | | | | | | | | | | | |
| 11-13 | | | | | | | .1 | | | | | | | | | | | | | | | | | | |
| 8-10 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5-7 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2-4 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≤ 1 | | | | | | | | | | | | | | | | | | | | | | | | | |

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

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

2

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...4 | ...TS-MCINTIRE AFB, IA | ...-84 | ... |

HOURS (L. S. T.): 1200-1...

| 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 | 2.2 | 3.6 | 6.0 | 7.3 | 6.9 | 9.9 | 9.9 | 10.7 | 10.1 | 10.2 | 11.1 | 5.9 | 2.4 | 1.0 | | | | 89.9 | 90.7 | 89.9 | 91.9 |

| 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. | ...5... | 25755 | 28.7 | 16.647 | 899 | | | | | | | |
| Dry Bulb | 4328431 | 61823 | 69.7 | 9.531 | 900 | | | 54.9 | 36.1 | 11.7 | | |
| Wet Bulb | 2313...36 | 45363 | 50.9 | 5.165 | 899 | | .3 | | | | | 3[illegible] |
| Dew Point | ...68243 | 28119 | 31.3 | 9.987 | 899 | | 52.4 | | | | | 5[illegible] |

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

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

2

# PSYCHROMETRIC SUMMARY

22674 — STATION
AVIS-MINTHAR AFB ... — STATION NAME
75-84 — YEARS
NOV — MONTH
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 | | | | | | | | | | | | | | | | | .3 | 3 | 3 | | |
| / 2 | | | | | | | | | | | | | | | | | .2 | 2 | 2 | | |
| 5/ | | | | | | | | | | | | | | | .1 | 1.2 | .1 | 13 | 13 | | |
| 4/ 5 | | | | | | | | | | | | .1 | .3 | .2 | 1.6 | .4 | | 27 | 27 | | |
| / 5 | | | | | | | | | | | .1 | .4 | .9 | .9 | 2.9 | 1.7 | | 56 | 56 | | |
| / 7 | | | | | | | | | | .2 | .1 | .4 | 1.1 | 3.4 | 4.0 | | | 84 | 84 | | |
| 7 / 77 | | | | | | | | | | | .3 | .9 | 2.3 | 2.0 | 2.0 | | | 66 | 66 | | |
| / 7 | | | | | | | | | .3 | .2 | .2 | 1.2 | 3.0 | 1.3 | | | | 66 | 66 | | |
| 4/ 7 | | | | | | | | .4 | .2 | .5 | 1.0 | 1.7 | 1.7 | 1.9 | | | | 59 | 59 | | |
| / 72 | | | | | | .1 | .1 | .3 | .7 | .9 | 1.1 | 2.0 | 1.0 | .1 | | | | 61 | 61 | | |
| / 69 | | | | | .2 | .1 | .2 | .4 | .7 | 1.1 | 1.5 | 1.0 | .3 | | | | | 43 | 4 | | |
| / 67 | | | | | .2 | .2 | .3 | .6 | 1.1 | 1.7 | 1.4 | 1.5 | .3 | | | | | 71 | 71 | | |
| / 6 | | | | | .3 | | .7 | .7 | 1.8 | 1.7 | .7 | .6 | | | | | | 9 | 59 | | |
| 4/ 5 | | | | | .1 | .7 | 1.1 | .2 | 1.6 | .3 | 1.1 | .2 | | | | | | 55 | 55 | | |
| / 5 | | | .1 | .3 | | .1 | 1.2 | .9 | .4 | .7 | .6 | .1 | | | | | | 42 | 42 | 16 | |
| / 5 | | .1 | .1 | .4 | .2 | .1 | .1 | .4 | .7 | 1.1 | .2 | | | | | | | 41 | 41 | 14 | |
| / 57 | | .1 | .4 | .1 | 1.2 | .4 | .6 | .6 | .2 | .4 | | | | | | | | 36 | 36 | 21 | 7 |
| 5 / 55 | | | .1 | .1 | .3 | .1 | .1 | .2 | .3 | .3 | | | | | | | | 15 | 12 | 86 | 6 |
| / 5 | | | .1 | .4 | 1.3 | .2 | .3 | .2 | .2 | .1 | | | | | | | | 27 | 27 | 167 | 13 |
| / 5 | | .1 | | .7 | .1 | .2 | .4 | .2 | .4 | .1 | | | | | | | | 23 | 23 | 154 | 14 |
| / 2 | | | .1 | | | .9 | .1 | .1 | | | | | | | | | | 10 | 10 | 132 | 16 |
| / 47 | | .2 | | | | .7 | .2 | | | | | | | | | | | 13 | 13 | 92 | 13 |
| / 4 | | .4 | | | | .1 | | .3 | | | | | | | | | | 4 | | 61 | 2 |
| 47/ 45 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 47 | 1 |
| / 34 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 25 | 35 |
| / 5 | | | | | | | | | | | | | | | | | | | | 15 | 14 |
| / 37 | | | | | | | | | | | | | | | | | | | | 17 | 44 |
| / 35 | | | | | | | | | | | | | | | | | | | | 5 | 15 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 1 | 43 |
| / 31 | | | | | | | | | | | | | | | | | | | | 2 | 4 |
| / | | | | | | | | | | | | | | | | | | | | | 70 |
| / 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 25 | | | | | | | | | | | | | | | | | | | | | 17 |
| / 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 0-26-5 (OL A) JUL 84 — REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

...L CLIMATOLOGY BRANCH
...STAC
A... SATELLITE SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

...74 | ...VIS-M NTHAN AFB, AZ | 75-84 | NOV
STATION | STATION NAME | YEARS | MONTH

...A.E. | 1500-17...
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 |
| ... 91 | | | | | | | | | | | | | | | | | | | | | |
| ... | | | | | | | | | | | | | | | | | | | | | |
| 1 / 1 | | | | | | | | | | | | | | | | | | | | | |
| / 13 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / 9 | | | | | | | | | | | | | | | | | | | | | |
| / ... | | | | | | | | | | | | | | | | | | | | | |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| 3 T 6 | | 1.4 | 1.7 | 2.3 | 3.0 | 4.0 | 6.4 | 8.6 | 9.7 | 9.6 | 8.2 | 10.7 | 11.0 | 10.7 | 10.6 | 2.7 | 1.2 | | | | |

| 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. | 948691 | 24805 | 27.6 | 17.17 | 900 | | | | | | | |
| Dry Bulb | 4422816 | 62482 | 69.4 | 9.726 | 900 | | | 56.9 | 35.9 | 14.7 | | |
| Wet Bulb | 2323459 | 45497 | 50.6 | 5.111 | 900 | | .2 | | | | | 9 |
| Dew Point | 933307 | 27559 | 30.6 | 9.973 | 900 | | 54.4 | | | | | 5 |

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

1

2

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

# PSYCHROMETRIC SUMMARY

...4 STATION | ...VIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | ... MONTH

... 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 | | | | | |
| ... / 8... | | | | | | | | | | | | | | | .2 | | | | 1 | 1 | | |
| ... / 7... | | | | | | | | | | | | | | | .2 | | | | 1 | 1 | | |
| 7 / 77 | | | | | | | | | | | .1 | .2 | .1 | .0 | | | | | 1 | 1 | | |
| ... / 7... | | | | | | | | | .2 | .1 | .4 | .3 | .7 | .7 | | | | | 2 | 2 | | |
| 9... / 7... | | | | | | | | | .1 | .1 | .4 | 1.6 | 1.7 | .4 | | | | | 9 | 9 | | |
| ... / 71 | | | | | | | .1 | .3 | .1 | .4 | 1.6 | 2.2 | 1.2 | .1 | | | | | 5 | 5 | | |
| ... / 69 | | | | | | .2 | | .2 | .7 | .8 | 2.7 | 2.3 | .9 | | | | | | 8 | 8 | | |
| 2... / 67 | | | | | .2 | .3 | .1 | .3 | .8 | 2.3 | 2.2 | .7 | .2 | | | | | | 12 | 12 | | |
| ... / 6... | | | | | .4 | .4 | .5 | .4 | 1.3 | 2.2 | 2.5 | 1.3 | | | | | | | 17 | 17 | | |
| ... / ... | | | | .4 | | .4 | .5 | 1.5 | 2.8 | 2.1 | 1.7 | .1 | | | | | | | 19 | 19 | | |
| ... / 61 | | .1 | .2 | .3 | .3 | .2 | .4 | 1.4 | 1.8 | .3 | 1.1 | | | | | | | | 17 | 17 | | |
| ... / 59 | | | .2 | .5 | .3 | 1.1 | 1.5 | 2.1 | 1.6 | 1.6 | .2 | | | | | | | | 14 | 14 | 13 | |
| ... / 57 | | .2 | .7 | .7 | .8 | 1.2 | 1.2 | 1.4 | 1.5 | 1.6 | | | | | | | | | 15 | 15 | 18 | 1 |
| ... / 55 | | .4 | .4 | | 1.2 | 1.5 | 1.1 | .7 | 1.7 | .1 | | | | | | | | | 11 | 11 | 31 | 4 |
| ... / 53 | | .4 | | .8 | .8 | .5 | .2 | .9 | 1.5 | | | | | | | | | | 16 | 16 | 44 | 17 |
| ... / 51 | | .3 | 1.2 | 1.0 | .6 | .3 | .4 | .4 | .2 | | | | | | | | | | 16 | 16 | 111 | 52 |
| ... / 49 | | .2 | .2 | .6 | .4 | .2 | .2 | .3 | .4 | | | | | | | | | | 13 | 13 | 142 | 1 |
| ... / 47 | .1 | .1 | .3 | .6 | .4 | .4 | | .4 | | | | | | | | | | | 14 | 14 | 154 | .5 |
| ... / 45 | | .2 | .1 | | .6 | .2 | | .3 | | | | | | | | | | | 18 | 1 | 17 | .5 |
| ... / 43 | | .2 | .1 | .3 | .3 | .3 | .2 | | | | | | | | | | | | 14 | 14 | 21 | .5 |
| ... / 41 | | .1 | .4 | .2 | .4 | | .1 | | | | | | | | | | | | 12 | 12 | 2 | 56 |
| ... / 39 | | | | .1 | .1 | | | | | | | | | | | | | | | | 49 | 54 |
| ... / 37 | | | | | | | | | | | | | | | | | | | | | 26 | 41 |
| ... / 35 | | | | | | | | | | | | | | | | | | | | | 14 | 45 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | | 12 | 45 |
| ... / 31 | | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| ... / | | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| ... / 27 | | | | | | | | | | | | | | | | | | | | | | 77 |
| ... / 25 | | | | | | | | | | | | | | | | | | | | | | 77 |
| ... / 23 | | | | | | | | | | | | | | | | | | | | | | 23 |
| ... / 21 | | | | | | | | | | | | | | | | | | | | | | 16 |
| ... / 19 | | | | | | | | | | | | | | | | | | | | | | 43 |
| ... / 17 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | | 42 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 75-84 YEARS | [illegible] MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1,549101 | 32717 | 36.2 | 20.013 | 900 | | | | | | | |
| Dry Bulb | 3432127 | 55175 | 61.2 | 8.294 | 900 | | | 25.5 | 7.6 | .3 | | [illegible] |
| Wet Bulb | 2,17279 | 42343 | 47.0 | 5.268 | 900 | | .6 | | | | | [illegible] |
| Dew Point | 959209 | 27751 | 30.8 | 13.731 | 900 | | 53.1 | | | | | [illegible] |

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

2

[illegible]AL CLIMATOLOGY BRANCH
[illegible]AFETAC
[illegible] [illegible]ATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| [illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | [illegible] |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 — [illegible] HOURS (L. S. T.)

| Temp. (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]/ 71 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| [illegible]/ 6[illegible] | | | | | | | | .4 | .3 | | | .1 | | | | | | | [illegible] | | |
| [illegible] 67 | | | | | .1 | | .1 | .1 | .2 | .2 | .4 | .2 | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | | | .1 | .1 | [illegible] | .3 | .6 | 1.1 | .7 | .1 | | | | | | [illegible] | [illegible] | | |
| [illegible]/ [illegible] | | | | .1 | | .[illegible] | .3 | .7 | 1.4 | 1.6 | .4 | | | | | | | 4 | 4 | | |
| [illegible]/ 51 | | | | [illegible] | .1 | .1 | [illegible] | 1.9 | 2.8 | 1.4 | 1.1 | .3 | | | | | | | | | |
| [illegible] | | .1 | .[illegible] | .4 | .1 | .3 | [illegible] | 2.2 | 2.6 | 1.4 | .1 | | | | | | | 77 | 79 | 1 | |
| [illegible]/ 57 | | .7 | [illegible] | .6 | .1 | 1.1 | 2.[illegible] | 3.[illegible] | 1.4 | .9 | .1 | | | | | | | [illegible] | [illegible] | 9 | 1 |
| [illegible]/ 55 | .1 | 1.[illegible] | .7 | .7 | .9 | 1.9 | 1.[illegible] | 1.6 | 1.9 | .4 | | | | | | | | [illegible]7 | 67 | 22 | 4 |
| [illegible]/ 53 | .1 | .5 | [illegible] | 1.1 | 1.9 | 2.2 | 1.6 | .9 | 1.6 | | | | | | | | | [illegible] | 93 | 27 | [illegible] |
| [illegible] | | .6 | 1.[illegible] | 1.3 | 1.[illegible] | 1.7 | .9 | 1.9 | 1.1 | | | | | | | | | [illegible] | [illegible] | 3[illegible] | 11 |
| [illegible]/ 4[illegible] | | .[illegible] | .7 | .[illegible] | 1.2 | .[illegible] | 1.2 | 2.0 | .1 | | | | | | | | | [illegible] | 61 | 49 | [illegible] |
| [illegible]/ 47 | .1 | .[illegible] | 2.2 | .3 | .1 | .5 | 1.1 | 1.2 | | | | | | | | | | [illegible] | [illegible] | 179 | 1[illegible] |
| [illegible]/ 4[illegible] | .1 | .9 | .[illegible] | .1 | .4 | .2 | .[illegible] | .4 | | | | | | | | | | 34 | 34 | 151 | [illegible]7 |
| 4[illegible]/ 43 | .1 | .6 | .9 | .3 | .1 | .4 | .[illegible] | .1 | | | | | | | | | | [illegible] | 72 | 159 | [illegible]4 |
| [illegible]/ 41 | | .7 | .5 | | .9 | .3 | .4 | .1 | | | | | | | | | | 3[illegible] | [illegible] | 9[illegible] | 46 |
| [illegible]/ [illegible] | | .1 | .9 | .4 | .1 | .1 | .[illegible] | | | | | | | | | | | 17 | 17 | 53 | 4[illegible] |
| [illegible]/ 37 | | | .[illegible] | .3 | | .[illegible] | .1 | | | | | | | | | | | 14 | 14 | 62 | [illegible] |
| / 35 | | | .4 | | | .1 | | | | | | | | | | | | [illegible] | [illegible] | 53 | 5[illegible] |
| [illegible]/ 33 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 36 | [illegible] |
| / 31 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 15 | 74 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | 7[illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 5 | 47 |
| / [illegible] | | | | | | | | | | | | | | | | | | | | 2 | [illegible] |
| / 2[illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible]/ 17 | | | | | | | | | | | | | | | | | | | | | [illegible]7 |
| [illegible]/ 1[illegible] | | | | | | | | | | | | | | | | | | | | | |
| [illegible]/ 15 | | | | | | | | | | | | | | | | | | | | | [illegible]1 |
| 1/ 11 | | | | | | | | | | | | | | | | | | | | | [illegible]7 |
| [illegible]/ [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| / 7 | | | | | | | | | | | | | | | | | | | | | |
| / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |

| Element (X) | Σx² | Σx | X̄ | σx | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

...AL CLIMATOLOGY BRANCH
...LTIC
A... WEATH... SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| ...74 | AVIS-MONTHAN AFB AZ | 72-84 | NOV |

PAGE 2 — 2100-2... 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 |
| ... | . | 6.7 | 11.4 | 7.1 | 7.6 | 10.7 | 13.4 | 17.6 | 14.2 | 7.1 | 2.9 | .8 | | | | | | | | | |

| Element (X) | $\Sigma_X^2$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2204613 | 39955 | 44.4 | 21.891 | 900 | | | | | | | |
| Dry Bulb | 2672956 | 48612 | 54.0 | 7.250 | 900 | | .1 | 2.2 | | | | .. |
| Wet Bulb | 1726129 | 39070 | 43.4 | 5.782 | 900 | | 3.1 | | | | | 6 |
| Dew Point | 924197 | 26969 | 30.0 | 11.362 | 900 | | 52.7 | | | | | 60 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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

# PSYCHROMETRIC SUMMARY

...-746 — ...A X IS-MONTHAN AFB AZ — 75-84 — ...
STATION — STATION NAME — YEARS — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / 8 | | | | | | | | | | | | | | | | | .1 | | | | |
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| / 95 | | | | | | | | | | | | | | | | | | | | | |
| / 94 | | | | | | | | | | | | | | | | | | | | | |
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| / 25 | | | | | | | | | | | | | | | | | | | | | |

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

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

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

# PSYCHROMETRIC SUMMARY

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible]74[illegible] | DAVIS-MONTHAN AFB AZ | 75-34 | [illegible] |

HOURS (L. S. T.): ALL

| Temp. (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 | .[illegible] | [illegible].4 | [illegible].4 | 6.1 | [illegible].6 | 1[illegible].[illegible] | 11.[illegible] | 12.4 | 1[illegible] 1 | 7.6 | 5.7 | 4.7 | 3.[illegible] | 3.[illegible] | 2.2 | .7 | .[illegible] | 71[illegible]9 | 7[illegible] | 7199 | 71[illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 14[illegible]79[illegible]23 | [illegible]73[illegible] | 3[illegible].[illegible] | 21.77[illegible] | 7199 | | | | | | | |
| Dry Bulb | 253[illegible]5947 | 42[illegible]111 | 58.3 | 11.27[illegible] | 7200 | | 3.[illegible] | 167.9 | 91.4 | 27.[illegible] | | 7[illegible] |
| Wet Bulb | 1[illegible]1[illegible]7[illegible] | 327159 | 45.4 | 6.768 | 7199 | | 26.7 | | | | | 7[illegible] |
| Dew Point | 74[illegible]241[illegible] | 21[illegible]494 | 32.4 | 10.873 | 7199 | 1.2 | 425.3 | | | | | 7[illegible] |

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

2

# PSYCHROMETRIC SUMMARY

STATION | STATION NAME | YEARS | MONTH

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | •1 | | | | | | | | 1 | 1 | | |
| | | | | | | | | | •2 | | | | | | | | | | | | |
| | | | | •1 | | •1 | | •5 | 1•3 | | | | | | | | | | | | |
| | | •1 | | •4 | •2 | •2 | •1 | •3 | •5 | •1 | | | | | | | | | | | |
| | | | • | •1 | 1•0 | •4 | 1•1 | 1•1 | 1•2 | •1 | | | | | | | | | | 3 | |
| | | •3 | 1•4 | • | •3 | •5 | 1•4 | •3 | 1•2 | •3 | •2 | | | | | | | 75 | 75 | 7 | •2 |
| | | •2 | 2•2 | •3 | 1•6 | •9 | 2•3 | 1• | 1•3 | •5 | •3 | | | | | | | 113 | 113 | 32 | 14 |
| | | •2 | 1•3 | • | 1•5 | 1•2 | 2•7 | 1•• | 2•4 | •6 | | | | | | | | 1•1 | 1•1 | 3• | •8 |
| | | | 1•5 | 1• | 1•1 | 1•4 | 2•0 | 1•3 | •3 | •2 | | | | | | | | 1•5 | 1•7 | 3• | •1 |
| | | | 1•1 | 1•3 | 1•7 | 2•2 | 1•3 | 1•2 | •4 | | | | | | | | | •1 | •1 | •6 | •1 |
| | | | 1•7 | 1•5 | 2•2 | 2•3 | 1•7 | •3 | •1 | | | | | | | | | •4 | •2 | •2 | •1 |
| | | | •3 | •4 | •5 | 1•4 | 1•7 | •2 | | | | | | | | | | •6 | •6 | 13• | 3• |
| | | | 1•8 | 2• | •6 | 1•7 | 1•3 | •1 | | | | | | | | | | •3 | • | 117 | 23 |
| | | | 2•1 | 1•• | •4 | •6 | •7 | | | | | | | | | | | • | •3 | 142 | 47 |
| | | • | •7 | •4 | •5 | •6 | •2 | | | | | | | | | | | •3 | •2 | 142 | 54 |
| | | | •1 | | •4 | •2 | | | | | | | | | | | | 7 | | 3• | 16 |
| | | | •7 | | • | | | | | | | | | | | | | | | 35 | 13 |
| | | | | •1 | •1 | | | | | | | | | | | | | | | 3• | 42 |
| | | | | •1 | | | | | | | | | | | | | | 1 | 1 | 1• | 3 |
| | | | | • | | | | | | | | | | | | | | | | • | 2 |
| | | | | •1 | | | | | | | | | | | | | | 1 | 1 | 3 | 3 |
| | | | | | | | | | | | | | | | | | | | | 2 | •1 |
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| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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...AL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

STATION ... STATION NAME ... YEARS ... MONTH

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 | | | | | | | | | |
| | .021 | .714 | .710 | .414 | .117 | 7 | 9.5 | 9.4 | 5.2 | .0 | | | | | | | | | | | | | | | |

| 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. | 3227 | 5067 | 54.. | 22.236 | 925 | | | | | | | |
| Dry Bulb | 20-1434 | 43582 | 46.. | 6.329 | 929 | | 1.1 | | | | | |
| Wet Bulb | 14-0977 | 36691 | 39.. | 5.717 | 928 | | 2.4 | | | | | |
| Dew Point | 9934 | 27121 | 29.. | 10.936 | 925 | .1 | 57.. | | | | | |

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

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

# PSYCHROMETRIC SUMMARY

STATION: [illegible] STATION NAME: [illegible] AVIS-MONTHAN AFB AZ YEARS: [illegible]-84 MONTH: [illegible]

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

| Temp (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] | | | | | [illegible] | .1 | .1 | | .2 | | | | | | | | | | | | |
| [illegible] | | | | | [illegible] | .1 | .1 | | .4 | | | | | | | | | | | | |
| [illegible] | | [illegible] | | | | | [illegible] | [illegible] | [illegible] | | | | | | | | | [illegible] | 17 | | |
| [illegible] | | | [illegible] | [illegible] | .1 | .2 | 1.1 | .4 | .5 | [illegible] | | | | | | | | [illegible] | [illegible] | | |
| [illegible] | [illegible] | 1.[illegible] | .7 | [illegible] | [illegible] | 1.1 | 1.[illegible] | 1.1 | .3 | [illegible] | | | | | | | | [illegible] | [illegible] | | |
| [illegible] | .2 | 1.5 | 1.2 | .4 | .6 | 2.1 | 1.[illegible] | 1.3 | 1.1 | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | .1 | 1.[illegible] | 1.[illegible] | 1.3 | 1.7 | 2.7 | 2.[illegible] | 1.6 | .8 | | | | | | | | | 1[illegible] | 1[illegible] | [illegible] | |
| [illegible] | .2 | 1.[illegible] | 1.4 | 1.7 | 1.[illegible] | 2.[illegible] | 1.[illegible] | 1.5 | .2 | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | 1.1 | 1. | 1.[illegible] | 1.[illegible] | [illegible] | 1.[illegible] | .1 | .1 | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | .1 | .2 | .2 | 1.2 | 2.[illegible] | 1.[illegible] | .[illegible] | .3 | | | | | | | | | | 24 | [illegible] | [illegible] | [illegible] |
| [illegible] | | 1.4 | [illegible] | 1.9 | 1.5 | 1.1 | [illegible] | | | | | | | | | | | [illegible] | [illegible] | 1[illegible] | |
| [illegible] | | 1.5 | 2.[illegible] | .2 | 1.3 | 1.5 | | | | | | | | | | | | [illegible] | [illegible] | 1[illegible] | |
| [illegible] | | 2.[illegible] | 1.[illegible] | .4 | .6 | .[illegible] | | | | | | | | | | | | 1 | [illegible] | 1[illegible] | |
| [illegible] | | 1.[illegible] | [illegible] | 1.1 | .[illegible] | .2 | | | | | | | | | | | | [illegible] | [illegible] | 14[illegible] | |
| [illegible] | .1 | [illegible] | .[illegible] | 1. | .[illegible] | | | | | | | | | | | | | [illegible] | | [illegible] | |
| [illegible] | | [illegible] | .1 | .2 | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] | | | [illegible] | | | | | | | | | | | | | | | [illegible] | | [illegible] | |
| [illegible] | | | .1 | | | | | | | | | | | | | | | [illegible] | [illegible] | | |
| [illegible] | | | .[illegible] | | | | | | | | | | | | | | | | [illegible] | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | 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 JUL 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

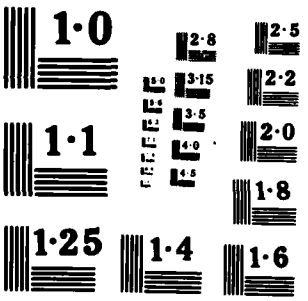
AD A159 644 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85

UNCLASSIFIED USAFETAC/DS-85/040 F/G 4/2 NL




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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

| 72274 | DAVIS-MONTHAN AFB AZ | 75-84 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

HOURS (L. S. T.) 0300-0900

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] | 1.0 | 16.4 | 1[illegible].5 | 13.1 | 14.7 | 15.7 | 1[illegible].9 | 7.0 | 4.3 | .4 | | | | | | | | | 926 | [illegible] | 926 | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 3304[illegible]53 | 51389 | 55.5 | 22.129 | 926 | | | | | | | |
| Dry Bulb | 1981[illegible]35 | 42501 | 45.7 | 6.483 | 930 | | 1.4 | | | | | 93 |
| Wet Bulb | 1419032 | 35840 | 38.7 | 5.870 | 926 | | 11.8 | | | | | 97 |
| Dew Point | 867910 | 26504 | 28.6 | 10.871 | 926 | .4 | 62.3 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
STRATEGIC WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

(0274) DAVIS-MONTHAN AFB AZ 75-84 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 4/ 83 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| / 81 | | | | | .2 | .1 | | | 2 | | | | | | | | | 3 | 3 | | |
| / 79 | | | | | .1 | .1 | | .2 | .1 | | | | | | | | | 5 | 5 | | |
| / 77 | | | .1 | .1 | .1 | | .2 | .4 | .5 | .1 | | | | | | | | 14 | 14 | | |
| 3/ 75 | | | .7 | .2 | | .4 | .7 | .7 | .3 | .2 | | | | | | | | 29 | 29 | 4 | |
| 4/ 73 | .1 | 1.2 | .5 | .4 | .3 | .5 | 1.5 | .7 | .5 | .1 | | | | | | | | 57 | 57 | 11 | 1 |
| / 71 | .1 | .7 | 1.2 | .5 | .7 | 1.5 | 2.0 | 1.9 | .5 | .1 | | | | | | | | 84 | 84 | 26 | 0 |
| / 69 | | 2.2 | .4 | .7 | 2.1 | 2.7 | 2.2 | 2.1 | .3 | | | | | | | | | 116 | 116 | 24 | 1 |
| / 67 | .3 | 1.1 | 1. | 1.6 | 1.4 | 2.7 | 1.3 | .9 | .4 | | | | | | | | | 99 | 99 | 33 | 5 |
| / 65 | .1 | 1.9 | 1.1 | 1.7 | 1.7 | 2.6 | 1.9 | .5 | | | | | | | | | | 123 | 123 | 39 | 3 |
| 4/ 63 | | 1.2 | 1.4 | 2.2 | 2.8 | 1.4 | .6 | .2 | | | | | | | | | | 92 | 92 | 61 | 17 |
| / 61 | | .9 | 2.5 | 2.4 | 2.6 | .2 | .7 | | | | | | | | | | | 89 | 89 | 114 | 24 |
| / 59 | | 1.4 | 2.6 | 1.2 | .9 | 1.0 | .3 | | | | | | | | | | | 86 | 86 | 115 | 15 |
| / 57 | .1 | 1.3 | 2.2 | .7 | 1.2 | .5 | | | | | | | | | | | | 71 | 71 | 132 | 10 |
| / 55 | | 1.6 | 1.1 | .3 | .9 | | | | | | | | | | | | | 33 | 33 | 169 | 47 |
| 3/ 53 | | .5 | .6 | .2 | .7 | | | | | | | | | | | | | 23 | 23 | 91 | 71 |
| / 51 | .1 | .4 | .9 | .5 | | | | | | | | | | | | | | 10 | 10 | 44 | 16 |
| / 49 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 35 | 72 |
| / 47 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 25 | 57 |
| / 45 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 5 | 65 |
| / 43 | | | | | | | | | | | | | | | | | | | | 1 | 40 |
| / 41 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 1 | 52 |
| / 1 | | | | | | | | | | | | | | | | | | | | 3 | 54 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 56 |
| / 15 | | | | | | | | | | | | | | | | | | | | | 75 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 26 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| / 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| / 3 | | | | | | | | | | | | | | | | | | | | | 0 |
| / 1 | | | | | | | | | | | | | | | | | | | | | |
| / -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| / -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 0-26-5 (OL AR 84) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

722745 STATION | JAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | DEC MONTH

PAGE 2 | 0000-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| T L | 1.1 | [illegible] | 17.3 | 14.1 | 15.6 | 14.4 | [illegible] | 7.2 | 3.0 | .5 | | | | | | | | 923 | [illegible] | 923 | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 3277635 | 51271 | 55.5 | 21.586 | 923 | | | | | | | |
| Dry Bulb | 1938943 | 42001 | 45.2 | 6.560 | 929 | | 2.6 | | | | | [illegible] |
| Wet Bulb | 1378342 | 35379 | 38.3 | 5.921 | 923 | | 12.1 | | | | | 93 |
| Dew Point | 844531 | 26115 | 28.3 | 10.704 | 923 | .4 | 63.3 | | | | | 97 |

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

2

CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | DEC MONTH

PAGE 1 | 0900-11 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 / 75 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | | |
| / 71 | | | | | | | | | | | | .4 | .3 | | | | | 7 | 7 | | |
| / 69 | | | | | | | | | | .1 | 1.1 | .3 | .1 | | | | | 15 | 15 | | |
| / 67 | | | | | | | | | | 1.0 | .5 | .8 | | | | | | 24 | 24 | | |
| 67 / 65 | | | | | | | .1 | .3 | .6 | 1.6 | 1.1 | .2 | | | | | | 37 | 37 | | |
| 47 / 63 | | | | | | .1 | .2 | .9 | 1.3 | 1.8 | 1.0 | .2 | | | | | | 52 | 52 | | |
| / 61 | | | | | .3 | .2 | 1.1 | 1.5 | 2.4 | 1.1 | .2 | | | | | | | 63 | 63 | | |
| / 59 | | | .1 | .1 | .0 | .3 | 1.6 | 1.3 | 2.0 | 1.1 | .5 | | | | | | | 74 | 74 | | |
| / 57 | | .1 | .3 | 1.1 | .4 | 1.3 | 2. | 3.0 | 1.6 | 1.1 | .2 | | | | | | | 104 | 104 | | |
| 5 / 55 | | 1.0 | 1.7 | 1.2 | 1.4 | 1.6 | 1.5 | 1.9 | 1.7 | .5 | | | | | | | | 113 | 117 | 5 | |
| 67 / 53 | .3 | .6 | 1.4 | 1.1 | 1.4 | 1.9 | 1.7 | 1.1 | .9 | .2 | | | | | | | | 99 | 99 | 29 | 16 |
| / 51 | | .2 | .2 | 1.2 | 2.4 | 2.0 | 1.5 | .9 | .4 | | | | | | | | | 77 | 77 | 46 | 5 |
| / 49 | .1 | .9 | 1.1 | .9 | 1.7 | 1.1 | 1.9 | .6 | .1 | | | | | | | | | 74 | 74 | 90 | 15 |
| 4 / 47 | .1 | .2 | .3 | 1.0 | 1.2 | .7 | .4 | .3 | | | | | | | | | | 57 | 57 | 156 | 33 |
| 5 / 45 | | .4 | .6 | 1.0 | .9 | .9 | .4 | .1 | | | | | | | | | | 40 | 40 | 176 | 56 |
| 47 / 43 | | .1 | 1.1 | .6 | .2 | .4 | .2 | | | | | | | | | | | 20 | 20 | 180 | 13 |
| / 41 | | .4 | .7 | .5 | .3 | .4 | | | | | | | | | | | | 23 | 24 | 111 | 36 |
| / 39 | | .3 | .3 | .3 | | .1 | | | | | | | | | | | | 14 | 12 | 26 | 32 |
| / 37 | | .1 | .1 | | .2 | | | | | | | | | | | | | 4 | 4 | 57 | 61 |
| / 35 | .2 | .4 | .1 | .1 | .1 | | | | | | | | | | | | | 9 | 9 | 42 | 24 |
| 3 / 33 | | | | | | | | | | | | | | | | | | | | 15 | 64 |
| / 31 | | | .1 | .1 | .2 | | | | | | | | | | | | | 6 | 4 | 7 | 97 |
| / 29 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 83 |
| / 27 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 71 |
| / 25 | | | | | | | | | | | | | | | | | | | | 2 | 70 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | 3 | 69 |
| 27 / 21 | | | | | | | | | | | | | | | | | | | | | 67 |
| / 19 | | | | | | | | | | | | | | | | | | | | | 43 |
| / 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | 20 |
| / 13 | | | | | | | | | | | | | | | | | | | | | 18 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 15 |
| / 9 | | | | | | | | | | | | | | | | | | | | | 11 |
| / 7 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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2

# PSYCHROMETRIC SUMMARY

72274[illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | DEC
STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] | [illegible]-11 [illegible]
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / | | | | | | | | | | | | | | | | | | | | | 1 |
| / | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | [illegible] | 4.4 | 9.4 | 9.9 | 11.4 | 11.3 | 13.1 | 12.0 | 11.1 | 8.5 | 5.0 | 2.2 | .4 | | | | | | [illegible] | | [illegible] |
| | | | | | | | | | | | | | | | | | | 928 | | 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. | 2257745 | 41449 | 44.7 | 20.939 | 928 | | | | | | | |
| Dry Bulb | 2826538 | 50772 | 54.7 | 7.466 | 929 | | .8 | 4.8 | .2 | | | 93 |
| Wet Bulb | 1d15857 | 40769 | 43.9 | 5.171 | 928 | | 1.9 | | | | | 93 |
| Dew Point | 972706 | 26584 | 30.8 | 9.977 | 928 | | 52.9 | | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

72274[illegible] STATION | AVIANO-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | DEC MONTH

PAGE 1 | 1200-14 [illegible] HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| [illegible] / 1 | | | | | | | | | | | | | | | •2 | | | 2 | 2 | | |
| [illegible] / 7 | | | | | | | | | | | | | | •1 | •8 | | | [illegible] | [illegible] | | |
| 7 [illegible] / 77 | | | | | | | | | | | | | | •6 | •4 | | | 1[illegible] | 1[illegible] | | |
| [illegible] / 73 | | | | | | | | | | | | •2 | 1.8 | 1.[illegible] | | | | [illegible] | [illegible] | | |
| [illegible] / 73 | | | | | | | | | | •2 | •2 | 2.5 | 1.1 | •[illegible] | | | | 44 | 44 | | |
| [illegible] / 72 | | | | | | | | | .1 | •6 | •8 | 2.5 | 2.0 | | | | | [illegible]7 | [illegible]7 | | |
| [illegible] / 69 | | | | | | | | .4 | .5 | 1.5 | 3.2 | 1.2 | .6 | | | | | 71 | 71 | | |
| [illegible] / 67 | | | | | | | | .[illegible] | 1.[illegible] | 1.8 | 3.2 | 1.3 | .4 | | | | | [illegible] | [illegible] | | |
| 6[illegible] / 6[illegible] | | | | | | • | • | 1.2 | 2.2 | 2.3 | 1.7 | •8 | | | | | | [illegible]4 | [illegible]4 | | |
| [illegible] / [illegible]3 | | | | | •[illegible] | • | • | 2.3 | 1.8 | 2.3 | 1.3 | •[illegible] | | | | | | [illegible]3 | [illegible]3 | | |
| [illegible] / 51 | | | | •[illegible] | •9 | •6 | 1.4 | 1.7 | 1.3 | 1.7 | •5 | | | | | | | 7[illegible] | 7[illegible] | | |
| [illegible] / [illegible]9 | | | •[illegible] | •[illegible] | 1.2 | 1.5 | •[illegible] | 1.4 | •8 | •9 | •[illegible] | | | | | | | 77 | 77 | | |
| [illegible] / 57 | | •[illegible] | •3 | •[illegible] | 1.2 | 1.7 | 1.[illegible] | 1.9 | •9 | •3 | •2 | | | | | | | [illegible]4 | [illegible]4 | 2 | |
| 5 / [illegible]5 | | •4 | 1.[illegible] | •[illegible] | 1.2 | 1.2 | 1.7 | •6 | •6 | •4 | | | | | | | | 7[illegible] | 7[illegible] | 29 | [illegible] |
| [illegible] / [illegible]1 | | •1 | •[illegible] | •3 | •3 | •[illegible] | •[illegible] | •9 | .2 | •1 | | | | | | | | 37 | 37 | [illegible]0 | 11 |
| [illegible] / 1 | | •[illegible] | •[illegible]2 | •2 | •6 | 1.1 | •4 | •[illegible] | .1 | | | | | | | | | [illegible]2 | [illegible]2 | 17[illegible] | [illegible] |
| [illegible] / 4 | | •[illegible] | •[illegible] | •3 | •9 | •[illegible] | •2 | •1 | | | | | | | | | | [illegible]6 | [illegible]6 | 18[illegible] | 23 |
| [illegible] / 47 | | | •1 | •[illegible] | •1 | •4 | | | | | | | | | | | | [illegible]1 | [illegible]1 | 143 | [illegible] |
| [illegible] / 4 | | •[illegible] | •[illegible] | •2 | •4 | •1 | | | | | | | | | | | | 1[illegible] | 1[illegible] | [illegible]4 | 27 |
| [illegible] / [illegible]7 | | | | | •1 | | •1 | | | | | | | | | | | [illegible] | [illegible] | 12[illegible] | [illegible]6 |
| [illegible] / 41 | | •[illegible] | | | | •1 | | | | | | | | | | | | [illegible] | [illegible] | 53 | [illegible] |
| [illegible] / [illegible]5 | | •1 | •2 | •1 | | •1 | | | | | | | | | | | | [illegible] | [illegible] | 46 | [illegible]5 |
| [illegible] / 37 | | •2 | •[illegible] | •1 | •1 | | | | | | | | | | | | | [illegible]8 | [illegible]5 | 1[illegible] | [illegible]4 |
| [illegible] / 3[illegible] | | | | •[illegible] | | | | | | | | | | | | | | [illegible]3 | [illegible]3 | 7 | [illegible] |
| [illegible] / [illegible]3 | | | •1 | •1 | | | | | | | | | | | | | | [illegible]2 | [illegible]2 | 2 | [illegible] |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | 3 | 9[illegible] |
| [illegible] / [illegible]7 | | | | | | | | | | | | | | | | | | | | 5 | 78 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | 1 | [illegible]3 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | | [illegible]3 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 26 |
| 2[illegible] / 21 | | | | | | | | | | | | | | | | | | | | | [illegible]9 |
| [illegible] / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 47 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 34 |
| 1 / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 14 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

| 722745 | DAVIS-MONTHAN AFB AZ | 75-84 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 1 / 13 | | | | | | | | | | | | | | | | | | | | | |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| / 7 | | | | | | | | | | | | | | | | | | | | | |
| TOT | | 2.4 | 4.4 | 4.5 | 7.1 | 9.1 | 8.0 | 11.1 | 9.7 | 12.5 | 11.7 | 9.2 | 6.0 | 2.9 | 1.4 | | | 930 | | 97 | |

| 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. | 1506975 | 32813 | 35.3 | 19.386 | 930 | | | | | | | |
| Dry Bulb | 3677992 | 57984 | 62.3 | 8.221 | 930 | | | 32.5 | 9.7 | .5 | | 92 |
| Wet Bulb | 2129631 | 44289 | 47.6 | 4.695 | 930 | | .0 | | | | | 93 |
| Dew Point | 988950 | 28890 | 31.1 | 9.919 | 930 | | 53.5 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

72[illegible] | DAVIS-MONTHAN AFB AZ | 75-84 | [illegible]
STATION | STATION NAME | YEARS | MONTH

FROM 1 | 1[illegible]-17
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| / [illegible] | | | | | | | | | | | | | | | .2 | | | [illegible] | [illegible] | | |
| / 7[illegible] | | | | | | | | | | | | | | .[illegible] | .9 | | | 1[illegible] | 1[illegible] | | |
| 7 / 77 | | | | | | | | | | | | | | 1.7 | .8 | | | 2[illegible] | [illegible] | | |
| [illegible] / 7[illegible] | | | | | | | | | | | | .6 | 1.4 | 2.[illegible] | | | | [illegible] | [illegible] | | |
| 4 / 7[illegible] | | | | | | | | | | .3 | .2 | 2.[illegible] | 1.5 | .[illegible] | | | | [illegible] | 5[illegible] | | |
| [illegible] / 71 | | | | | | | | | .2 | .1 | 1.4 | 2.5 | 1.2 | | | | | [illegible] | [illegible] | | |
| [illegible] / 69 | | | | | | | | .3 | .9 | 1.7 | 2.[illegible] | 1.5 | 1.1 | | | | | 77 | 77 | | |
| [illegible] / 67 | | | | | | | | .4 | 1.[illegible] | 1.2 | 2.[illegible] | 1.3 | .2 | | | | | 71 | 71 | | |
| [illegible] / 65 | | | | | .1 | .2 | 1.1 | 1.9 | 2.[illegible] | 2.5 | 1.1 | 1.5 | | | | | | 1 4 | 1[illegible] | | |
| [illegible] / 63 | | | | | .1 | 1.[illegible] | 1.6 | 1.[illegible] | 1.1 | 1.2 | 1.7 | .5 | | | | | | 76 | 76 | | |
| [illegible] / [illegible] | | | | .3 | .9 | .9 | .[illegible] | 1.6 | 1.6 | 1.1 | 1.1 | .1 | | | | | | 76 | 76 | | |
| / 59 | | .1 | | .3 | .9 | 1.3 | 1.2 | 1.4 | 1.3 | .6 | .[illegible] | | | | | | | 73 | 73 | | |
| / [illegible] | | .[illegible] | .4 | .5 | .[illegible] | 1.3 | 1.7 | 1.6 | .5 | 1.1 | .2 | | | | | | | [illegible] | [illegible] | 3 | |
| 5 / 55 | | .5 | .[illegible] | .[illegible] | .6 | 1.[illegible] | 1.2 | .9 | .3 | .2 | | | | | | | | [illegible] | [illegible] | 23 | |
| [illegible] / 53 | | .5 | .3 | .2 | .9 | 1.1 | .2 | .3 | .4 | | | | | | | | | 57 | 37 | 95 | 8 |
| [illegible] / 51 | | .5 | .4 | .3 | .4 | .5 | .6 | .2 | | | | | | | | | | [illegible] | [illegible] | 13[illegible] | 13 |
| / [illegible] | | | | | 1.3 | .[illegible] | .3 | .1 | | | | | | | | | | 1 | 1 | 172 | 1[illegible] |
| / 47 | | | .2 | .1 | .2 | .3 | .1 | | | | | | | | | | | [illegible] | [illegible] | 126 | [illegible] |
| [illegible] / 4[illegible] | | .3 | | | .2 | .1 | .[illegible] | | | | | | | | | | | 9 | 9 | 170 | 21 |
| [illegible] / 43 | | | .1 | | .1 | .1 | | | | | | | | | | | | [illegible] | [illegible] | 51 | [illegible]7 |
| [illegible] / 41 | | | .[illegible] | | .1 | | | | | | | | | | | | | 3 | 3 | 57 | 4[illegible] |
| [illegible] / [illegible] | | .3 | | .[illegible] | | | | | | | | | | | | | | [illegible] | [illegible] | 71 | [illegible]3 |
| / 37 | | .7 | | .2 | .7 | .1 | | | | | | | | | | | | 5 | 9 | 15 | 4[illegible] |
| / 35 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] / 33 | | | | | | | | | | | | | | | | | | | | 7 | 72 |
| [illegible] / 31 | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | 3 | 76 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | [illegible] | [illegible] |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | | 67 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | [illegible]4 |
| [illegible] / [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible]9 |
| [illegible] / 1 | | | | | | | | | | | | | | | | | | | | | 50 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 36 |
| 1 / 15 | | | | | | | | | | | | | | | | | | | | | [illegible]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 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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# PSYCHROMETRIC SUMMARY

72274[illegible] DAVIS MONTHAN AFB AZ 75-84 [illegible]
STATION STATION NAME YEARS MONTH

[illegible] 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 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 9.8 | 10.1 | 10.3 | 12.3 | 11.0 | 5.4 | 5.2 | 1.8 | | | | [illegible] | [illegible] | [illegible] |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1397220 | 31376 | 33.7 | 19.096 | 930 | | | | | | | |
| Dry Bulb | 3776399 | 58753 | 63.2 | 8.343 | 930 | | | 33.0 | 13.0 | .8 | | [illegible] |
| Wet Bulb | 2146775 | 44473 | 47.8 | 9.646 | 930 | | .6 | | | | | [illegible] |
| Dew Point | 960913 | 28422 | 30.6 | 5.967 | 930 | | 54.3 | | | | | [illegible] |

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2

# PSYCHROMETRIC SUMMARY

[illegible] STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 YEARS | DEC MONTH

[illegible] 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] / 71 | | | | | | | | | | | | .1 | .2 | | | | | | | | |
| [illegible] / 67 | | | | | | | | | | | .3 | .5 | | | | | | | | | |
| [illegible] / 63 | | | | | | | | | .1 | .6 | .4 | .9 | | | | | | | | | |
| [illegible] / 59 | | | | | | | .2 | .1 | .4 | 1.7 | .9 | .1 | | | | | | | | | |
| 47 / [illegible] | | | | | | .1 | .2 | .9 | 2.3 | 1.2 | .6 | .3 | | | | | | | | | |
| [illegible] / 51 | | | | | .1 | .5 | 1.2 | 1.1 | 2.7 | 1.1 | 1.0 | | | | | | | 71 | 71 | | |
| [illegible] / [illegible] | | | .1 | | .9 | 1.7 | 1.1 | 3.1 | 1.9 | 1.7 | .4 | | | | | | | 172 | 172 | | |
| [illegible] / 57 | | .2 | .1 | 1.2 | 1.5 | 1.1 | 1.3 | 2.5 | 2.2 | .5 | .9 | | | | | | | 166 | 166 | | |
| [illegible] / 59 | | 1.0 | 1.1 | 1.1 | 2.2 | 1.1 | 2.0 | 1.4 | 1.3 | .4 | .1 | | | | | | | 176 | 176 | 4 | |
| [illegible] / 53 | | 1.7 | 1.4 | 1.3 | 2.0 | 1.9 | 2.0 | 1.3 | 1.4 | .1 | | | | | | | | 114 | 114 | 35 | 7 |
| [illegible] / 51 | | 1. | .6 | 1.0 | 1.5 | 1.7 | 1.4 | 1.1 | .5 | .1 | | | | | | | | 96 | 98 | 61 | 1 |
| [illegible] / 49 | | .1 | .2 | 1.8 | 1.4 | 1.4 | .8 | .6 | .1 | | | | | | | | | 55 | 69 | 59 | 2 |
| [illegible] / 47 | | | 1.1 | 1.6 | 1.7 | .9 | .5 | .1 | | | | | | | | | | 2 | 5 | 177 | 1 |
| [illegible] / 45 | | .1 | .4 | 1.3 | .5 | .2 | .2 | .1 | | | | | | | | | | 1 | 4 | 144 | 3 |
| [illegible] / 47 | | .2 | .1 | .6 | .2 | .2 | .1 | | | | | | | | | | | 15 | 15 | 126 | 29 |
| [illegible] / 41 | | .1 | .1 | .3 | .2 | .1 | | | | | | | | | | | | 1 | 1 | 134 | 32 |
| [illegible] / 39 | | .2 | | .1 | .3 | .1 | | | | | | | | | | | | | | 76 | 41 |
| [illegible] / 37 | | .1 | .1 | | .3 | | | | | | | | | | | | | 5 | 5 | 54 | 42 |
| [illegible] / 35 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 25 | 37 |
| [illegible] / 33 | | | .1 | .2 | .3 | | | | | | | | | | | | | | | 14 | 56 |
| [illegible] / 31 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 71 |
| [illegible] / 29 | | | | | | | | | | | | | | | | | | | | 5 | 81 |
| [illegible] / 27 | | | | | | | | | | | | | | | | | | | | 4 | 76 |
| [illegible] / 25 | | | | | | | | | | | | | | | | | | | | 1 | 91 |
| [illegible] / 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] / 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] / 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| [illegible] / 17 | | | | | | | | | | | | | | | | | | | | | 0 |
| [illegible] / 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] / 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 1 / 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| [illegible] / 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] / 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| [illegible] / 5 | | | | | | | | | | | | | | | | | | | | | 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 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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A... WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] | DAVIS-MONTHAN AFB AZ | 52-54 | [illegible]
STATION | STATION NAME | YEARS | MONTH

[illegible] | 1200-[illegible]
HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| / | | | | | | | | | | | | | | | | | | | | | |
| / | | | | | | | | | | | | | | | | | | | | | |
| 1[illegible] | [illegible] | 7. | 11. | 12. | 7. | 1. | 7. | 11. | 9. | 12. | 7. | 6. | 0. | 2. | 0. | 2. | | [illegible] | | 5 | 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. | 2289[illegible]9 | 41775 | 45.0 | 21.029 | 929 | | | | | | | |
| Dry Bulb | 2[illegible]3743 | 51235 | 55.1 | 6.647 | 929 | | .1 | 3.[illegible] | | | | [illegible] |
| Wet Bulb | 1[illegible]557[illegible]1 | 41261 | 44.4 | 5.003 | 929 | | 1.2 | | | | | [illegible] |
| Dew Point | 1017003 | 29110 | 31.3 | 10.801 | 929 | | 51.1 | | | | | [illegible] |

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

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[illegible] ETAC
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# PSYCHROMETRIC SUMMARY

[illegible] STATION · [illegible] STATION NAME · [illegible]-[illegible] YEARS · [illegible] MONTH

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

| Temp. (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] | | | | | | | | .1 | | .1 | | | | | | | | | | | |
| [illegible] | | | | | .2 | | .1 | .1 | .6 | | .1 | | | | | | | 1 | [illegible] | | |
| [illegible] | | | | [illegible] | .1 | .1 | [illegible] | [illegible] | .8 | [illegible] | | | | | | | | | | | |
| [illegible] | | | | [illegible] | [illegible] | .7 | [illegible] | 1.[illegible] | .9 | .7 | .1 | | | | | | | | [illegible] | | |
| [illegible] | | [illegible] | [illegible] | [illegible] | [illegible] | 1.[illegible] | 1.[illegible] | 1.[illegible] | 1.2 | .4 | | | | | | | | [illegible] | | [illegible] | |
| [illegible] | .2 | 1.[illegible] | 1.1 | 1.7 | 1.1 | 1.[illegible] | 2.4 | 1.5 | 1.[illegible] | .6 | | | | | | | | [illegible] | [illegible] | [illegible] | |
| [illegible] | | 1.9 | 1.[illegible] | 1.[illegible] | 1.7 | 2.4 | 2.[illegible] | 2.5 | .5 | .4 | | | | | | | | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | .1 | 1.4 | 1.[illegible] | 2.4 | 1.1 | 3.4 | 1.7 | .5 | .6 | | | | | | | | | [illegible] | [illegible] | [illegible] | |
| [illegible] | | 1.3 | 1.[illegible] | 1.7 | .[illegible] | [illegible] | 1.4 | .7 | | | | | | | | | | [illegible] | | 4 | [illegible] |
| [illegible] | | .1 | 2.2 | 1.1 | 1.2 | 2.2 | 1.[illegible] | .1 | | | | | | | | | | | [illegible] | [illegible] | [illegible] |
| [illegible] | | .9 | [illegible].4 | 1.5 | .9 | 1.[illegible] | .4 | | | | | | | | | | | [illegible] | [illegible] | 11[illegible] | [illegible] |
| [illegible] | | 1.1 | 1.9 | .6 | .8 | .6 | .2 | | | | | | | | | | | [illegible] | [illegible] | 12[illegible] | .1 |
| [illegible] | | 1.4 | 1.6 | 1.2 | .3 | .[illegible] | | | | | | | | | | | | [illegible] | 4 | 17[illegible] | [illegible] |
| [illegible] | | 1.1 | [illegible] | .4 | .2 | .1 | | | | | | | | | | | | [illegible] | [illegible] | 12[illegible] | [illegible] |
| [illegible] | | .1 | .[illegible] | .[illegible] | .[illegible] | | | | | | | | | | | | | | [illegible] | [illegible] | [illegible] |
| [illegible] | | | .1 | .[illegible] | | | | | | | | | | | | | | [illegible] | [illegible] | 4[illegible] | [illegible] |
| [illegible] | | | .1 | .1 | .2 | | | | | | | | | | | | | [illegible] | | 1[illegible] | [illegible] |
| [illegible] | | | .1 | .1 | | | | | | | | | | | | | | | | 1[illegible] | [illegible] |
| [illegible] | | | .[illegible] | | | | | | | | | | | | | | | [illegible] | 1 | 7 | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | 2 | |
| [illegible] | | | | | | | | | | | | | | | | | | | | 4 | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| [illegible] | | | | | | | | | | | | | | | | | | | | | [illegible] |
| TOTAL | .4 | 11.[illegible] | 1[illegible].9 | 14.9 | 1[illegible] | 16.1 | 12.5 | 3.8 | 6.9 | [illegible].3 | .2 | | | | | | | 929 | [illegible] | 929 | [illegible] |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3[illegible]72[illegible]34 | 49396 | 53.[illegible] | 21.932 | 929 | | | | | | | |
| Dry Bulb | 2279227 | 45[illegible]5[illegible] | 49.1 | 6.155 | 929 | | .7 | | | | | [illegible] |
| Wet Bulb | 1[illegible] 54[illegible]1 | 3[illegible]279 | 41.2 | 5.514 | 929 | | 4.[illegible] | | | | | [illegible] |
| Dew Point | [illegible]77656 | 2341[illegible] | 32.[illegible] | 1[illegible].83[illegible] | 929 | | 52.2 | | | | | [illegible] |

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

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# PSYCHROMETRIC SUMMARY

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-84 — YEARS
JUL — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| / 73 | | | | | | | | | | | | | | | .1 | | | 4 | 4 | | |
| / 72 | | | | | | | | | | | | | | .1 | .2 | | | 1 | 1 | | |
| 77 77 | | | | | | | | | | | | | | .2 | .1 | | | 15 | 13 | | |
| . 76 | | | | | | | | | | | | .1 | .4 | .5 | | | | 72 | 72 | | |
| 77 77 | | | | | | | | | | .1 | .1 | .7 | .3 | .2 | | | | 99 | 99 | | |
| / 71 | | | | | | | | | .0 | .1 | .3 | .7 | .5 | | | | | 119 | 119 | | |
| / 69 | | | | | | | | .1 | .2 | .5 | .9 | .5 | .2 | | | | | 172 | 172 | | |
| / 67 | | | | | | | | .1 | .3 | .7 | 1.0 | .5 | .1 | | | | | 1[illegible] | 1[illegible] | | |
| [illegible] | | | | | | .[illegible] | .1 | .3 | .4 | .9 | 1.0 | .6 | .3 | | | | | 257 | 257 | | |
| 77 78 | | | | | | .1 | .2 | .4 | .6 | .9 | .8 | .6 | .2 | | | | | 284 | 284 | | |
| / 61 | | | | .1 | .4 | .3 | .5 | .7 | 1.1 | .6 | .4 | .2 | | | | | | 396 | 396 | | |
| / 59 | | .2 | .1 | .2 | .5 | .6 | .7 | 1.1 | 1.1 | .6 | .3 | | | | | | | 365 | 365 | | |
| / 57 | | .2 | .2 | .6 | .6 | .7 | 1.0 | 1.4 | 1.0 | .5 | .2 | | | | | | | 475 | 475 | 3 | |
| 5[illegible] | | .5 | .[illegible] | .7 | .9 | 1.2 | 1.4 | 1.1 | .9 | .3 | .0 | | | | | | | 5[illegible]3 | 5[illegible]7 | 7[illegible] | 1 |
| 77 58 | .2 | 1.1 | .[illegible] | .2 | .9 | 1.1 | 1.4 | 1.0 | .8 | .2 | | | | | | | | 614 | 614 | 297 | 67 |
| / 61 | .1 | 1.[illegible] | .[illegible] | .9 | 1.1 | 1.7 | 1.5 | 1.3 | .5 | .1 | | | | | | | | 663 | 663 | 527 | 84 |
| / 67 | .1 | 1.0 | .[illegible] | 1.1 | 1.4 | 2.[illegible] | 1.3 | 1.0 | .3 | | | | | | | | | 671 | 671 | 693 | 174 |
| / 47 | .1 | .7 | 1.[illegible] | 1.3 | 1.2 | 1.5 | .[illegible] | .5 | .1 | | | | | | | | | 525 | 525 | 711 | 145 |
| 77 46 | .2 | .5 | .9 | 1.2 | 1.1 | 1.4 | .8 | .2 | .0 | | | | | | | | | 469 | 469 | 733 | 235 |
| 77 43 | .2 | .6 | 1.[illegible] | 1.1 | 1.2 | .9 | .3 | .1 | | | | | | | | | | 379 | 379 | 708 | 261 |
| 77 41 | | .8 | 1.4 | .9 | .8 | .6 | .2 | | | | | | | | | | | 337 | 339 | 705 | 311 |
| / 3[illegible] | | .6 | 1.[illegible] | .6 | .5 | .6 | .1 | | | | | | | | | | | 283 | 285 | 719 | 389 |
| / 37 | .[illegible] | 1.4 | .[illegible] | .3 | .4 | .2 | | | | | | | | | | | | 239 | 241 | 695 | 354 |
| / 35 | .1 | .[illegible] | .[illegible] | .4 | .3 | .[illegible] | | | | | | | | | | | | 113 | 113 | 625 | 493 |
| 36 33 | .[illegible] | .[illegible] | .[illegible] | .4 | .[illegible] | | | | | | | | | | | | | 69 | 71 | 319 | 566 |
| / 31 | .[illegible] | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 61 | 64 | 155 | 734 |
| / 27 | | | .[illegible] | .[illegible] | | | | | | | | | | | | | | 6 | 6 | 138 | 517 |
| / 27 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 74 | 547 |
| / 25 | | | .1 | .[illegible] | | | | | | | | | | | | | | 6 | 6 | 16 | 525 |
| / 2[illegible] | | | .[illegible] | | | | | | | | | | | | | | | [illegible] | [illegible] | 11 | 272 |
| 27 21 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 13 | 4[illegible] |
| / 1 | | | | | | | | | | | | | | | | | | | | 4 | 417 |
| 1 / 17 | | | | | | | | | | | | | | | | | | | | | 267 |
| 1 / 1[illegible] | | | | | | | | | | | | | | | | | | | | | 2[illegible]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 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

722745 DAVIS-MONTHAN AFB AZ — STATION / STATION NAME
75-84 — YEARS
DEC — MONTH

PAGE 2 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | | 177 |
| TTL | .5 | 5.6 | 11.[illegible] | 13.4 | 11.6 | 13.2 | 10.[illegible] | 9.6 | 7.9 | 5.4 | 4.3 | 3.1 | 1.5 | 1.3 | .4 | | | | 7435 | | 7423 |
| | | | | | | | | | | | | | | | | | | 7423 | | 7423 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 20334?73 | 350147 | 47.2 | 22.679 | 7423 | | | | | | | |
| Dry Bulb | 21425161 | 392457 | 52.8 | 9.768 | 7435 | | 6.9 | 71.8 | 22.9 | 1.3 | | 744 |
| Wet Bulb | 13?41876 | 316980 | 42.7 | 6.422 | 7423 | | 4?.9 | | | | | 744 |
| Dew Point | [illegible] | 223165 | 30.1 | 10.536 | 7423 | .9 | 446.7 | | | | | 744 |

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

2

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

# PSYCHROMETRIC SUMMARY

| 22744 | DAVIS-MONTHAN AFB AZ | 75-85 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PAGE 1 | ALL (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| /12 | | | | | | | | | | | | | | | | | .3 | 12 | 12 | | |
| /13 | | | | | | | | | | | | | | | | | .2 | 34 | 34 | | |
| /1 | | | | | | | | | | | | | | | | | .1 | 1?? | 1?? | | |
| /11 | | | | | | | | | | | | | | .3 | | .2 | .4 | 314 | 314 | | |
| /11 | | | | | | | | | | | | | | | .2 | .2 | .6 | 562 | 569 | | |
| /09 | | | | | | | | | | | | | .0 | .0 | .1 | .1 | .7 | 769 | 774 | | |
| /07 | | | | | | | | | | | .0 | .0 | .0 | .1 | .3 | .2 | .5 | 1236 | 1239 | | |
| /05 | | | | | | | | | .0 | .0 | .0 | .0 | .1 | .3 | .2 | .2 | .5 | 1543 | 1543 | | |
| /03 | | | | | | | | | .0 | .0 | .0 | .2 | .3 | .3 | .3 | .3 | .3 | 1984 | 1987 | | |
| /01 | | | | | | | .0 | .0 | .0 | .0 | .2 | .3 | .3 | .3 | .3 | .3 | .7 | 2151 | 2157 | | |
| /98 | | | | | | | .0 | | .0 | .2 | .3 | .3 | .3 | .2 | .3 | .2 | .6 | 2218 | 2224 | | |
| /97 | | | | | | .2 | .0 | .2 | .1 | .3 | .4 | .3 | .2 | .3 | .3 | .4 | .4 | 2370 | 2375 | | |
| /95 | | | | | .2 | .0 | .0 | .1 | .3 | .3 | .4 | .2 | .3 | .3 | .3 | .4 | .1 | 2615 | 2619 | | |
| /93 | | | | | .0 | .0 | .1 | .3 | .4 | .3 | .3 | .3 | .3 | .3 | .5 | .4 | | 2887 | 2893 | | |
| /91 | | .2 | .2 | .2 | .2 | .1 | .2 | .3 | .4 | .3 | .3 | .3 | .3 | .3 | .6 | .2 | | 3223 | 3231 | | |
| /7 | | .2 | .2 | .0 | .0 | .1 | .3 | .6 | .3 | .3 | .3 | .3 | .3 | .4 | .5 | .2 | | 3443 | 3454 | 5 | 1 |
| 77 | | .2 | .2 | .1 | .2 | .2 | .4 | .3 | .3 | .3 | .3 | .4 | .5 | .6 | .2 | | | 3676 | 3679 | 16 | 1 |
| /75 | | .2 | .1 | .2 | .2 | .4 | .4 | .3 | .3 | .3 | .3 | .4 | .7 | .2 | .0 | | | 3712 | 3711 | 52 | 4 |
| /73 | .2 | .2 | .2 | .3 | .3 | .2 | .2 | .2 | .3 | .3 | .4 | .7 | .6 | .3 | | | | 3641 | 3643 | 357 | 27 |
| /71 | .2 | .1 | .2 | .4 | .2 | .1 | .2 | .2 | .3 | .3 | .7 | .7 | .6 | .2 | | | | 3577 | 3579 | 1979 | 65 |
| /69 | .2 | .1 | .2 | .2 | .1 | .1 | .2 | .3 | .4 | .5 | .6 | .6 | .3 | | | | | 3446 | 3448 | 3859 | 294 |
| /67 | | .1 | .1 | .1 | .1 | .1 | .2 | .3 | .4 | .7 | .9 | .5 | .1 | | | | | 3139 | 3136 | 5115 | 719 |
| /65 | | .1 | .1 | .1 | .1 | .1 | .2 | .3 | .4 | .5 | .9 | .6 | .3 | | | | | 3139 | 3139 | 4692 | 1531 |
| 63 | | .1 | .1 | .1 | .1 | .1 | .3 | .4 | .5 | .8 | .7 | .5 | .1 | | | | | 3155 | 3156 | 3763 | 2221 |
| /61 | .2 | .1 | .1 | .1 | .1 | .2 | .3 | .5 | .6 | .8 | .6 | .2 | .0 | | | | | 2948 | 2948 | 3673 | 2254 |
| /59 | | .1 | .1 | .2 | .3 | .4 | .5 | .9 | .6 | .5 | .1 | | | | | | | 3250 | 3251 | 3745 | 2359 |
| /57 | | .1 | .2 | .3 | .4 | .6 | .7 | .9 | .6 | .3 | .0 | | | | | | | 3459 | 3459 | 3862 | 2233 |
| /55 | .2 | .1 | .2 | .3 | .5 | .6 | .8 | .6 | .6 | .2 | .0 | | | | | | | 3545 | 3549 | 4391 | 2165 |
| 53 | .2 | .2 | .3 | .4 | .6 | .7 | .8 | .5 | .3 | .1 | | | | | | | | 3506 | 3508 | 5166 | 2194 |
| /51 | .2 | .2 | .4 | .6 | .6 | .8 | .6 | .5 | .2 | .0 | | | | | | | | 3426 | 3427 | 6004 | 2170 |
| /49 | .2 | .3 | .5 | .5 | .7 | .7 | .5 | .3 | .1 | | | | | | | | | 3225 | 3229 | 5850 | 2425 |
| /47 | .3 | .4 | .6 | .6 | .6 | .4 | .4 | .2 | .0 | | | | | | | | | 2738 | 2743 | 6435 | 2639 |
| /45 | .3 | .3 | .4 | .5 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | 2290 | 2293 | 6292 | 3342 |
| 43 | .3 | .4 | .4 | .4 | .4 | .3 | .2 | .2 | | | | | | | | | | 1851 | 1851 | 5753 | 3351 |

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

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

2

...CENTRAL CLIMATOLOGY BRANCH
...USAFETAC
AT... AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

72...45 | ...AVIS-MONTHAN AFB AZ | 75-85 | ALL
STATION | STATION NAME | YEARS | MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| ... 41 | .3 | .4 | .5 | .3 | .2 | .2 | .1 | .1 | | | | | | | | | | 151. | 1...13 | 4712 | 4...0 |
| ... 39 | .3 | .3 | .4 | .2 | .2 | .1 | .1 | | | | | | | | | | | 11...5 | 11...5 | 3...3 | 4...7 |
| ... 37 | . | .2 | .3 | .1 | .1 | .1 | .1 | | | | | | | | | | | 7...6 | 7...8 | 2...2 | 4...5 |
| ... 35 | . | .2 | .1 | .1 | .1 | .2 | | | | | | | | | | | | 417 | 412 | 2242 | 4667 |
| ... 33 | . | .1 | .1 | .1 | .1 | .2 | | | | | | | | | | | | 2...2 | 2...5 | 1236 | 4847 |
| ... 31 | . | .1 | .1 | .1 | .2 | .2 | | | | | | | | | | | | 1...4 | 171 | 746 | 7166 |
| ... 29 | . | .2 | .3 | .2 | .2 | | | | | | | | | | | | | 35 | 35 | 498 | 5075 |
| ... 27 | | .1 | .3 | .2 | | | | | | | | | | | | | | 17 | 17 | 220 | 4978 |
| ... 25 | | | .2 | .3 | | | | | | | | | | | | | | 11 | 11 | 75 | 4164 |
| ... 23 | | | .2 | | | | | | | | | | | | | | | | 2 | 46 | 2154 |
| ... 21 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 18 | 3697 |
| ... 19 | | | | | | | | | | | | | | | | | | | | 4 | 3226 |
| ... 17 | | | | | | | | | | | | | | | | | | | | | 1639 |
| ... 15 | | | | | | | | | | | | | | | | | | | | | 1344 |
| ... 13 | | | | | | | | | | | | | | | | | | | | | 917 |
| ... 11 | | | | | | | | | | | | | | | | | | | | | 546 |
| ... 9 | | | | | | | | | | | | | | | | | | | | | 346 |
| ... 7 | | | | | | | | | | | | | | | | | | | | | 274 |
| ... 5 | | | | | | | | | | | | | | | | | | | | | 113 |
| ... 3 | | | | | | | | | | | | | | | | | | | | | 72 |
| ... 1 | | | | | | | | | | | | | | | | | | | | | 74 |
| ... -1 | | | | | | | | | | | | | | | | | | | | | 17 |
| ... -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .2 | 3.9 | 5.9 | 6.3 | 7.4 | 8.1 | 8.3 | 8.5 | 7.9 | 7.5 | 7.2 | 6.5 | 5.2 | 4.9 | 3.9 | 3.1 | 6.1 | | 87651 | | 87541 |
| | | | | | | | | | | | | | | | | | | 87541 | | 87541 | |

| 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. | 1732312... | 3402020 | 38.9 | 21.647 | 87541 | | | | | | | |
| Dry Bulb | 4297401... | 5968913 | 68.1 | 16.292 | 87651 | | 23.9 | 466.7 | 3552.7 | 2377.9 | 652.5 | 8760 |
| Wet Bulb | 2503768... | 4598856 | 52.4 | 10.597 | 87541 | | 162.6 | 1127.1 | 43... | ..2 | | 87... |
| Dew Point | 1427755... | 3317359 | 37.9 | 13.962 | 87541 | 2.2 | 3545.2 | 112.9 | 2.2 | | | 87... |

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

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

# MEANS AND STANDARD DEVIATIONS

DRY-BUL TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-85 — YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0-02 | MEAN | 46.0 | 47.7 | 50.7 | 56.8 | 64. | 74.8 | 78.9 | 77.6 | 74.3 | 62.8 | 51.8 | 46.7 | 61.1 |
| | S.D | 6.295 | 6.454 | 6.204 | 7.596 | 6.55 | 5.979 | 4.853 | 4.446 | 4.850 | 7.310 | 7.184 | 6.308 | 13.771 |
| | TOTAL OBS | 932 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 899 | 930 | 900 | 929 | 10957 |
| 03-05 | MEAN | 44.8 | 45.8 | 48.3 | 53.4 | 60. | 70.3 | 76.3 | 75.0 | 72.0 | 60.5 | 50.1 | 45.7 | 58.6 |
| | S.D | 6.325 | 6.356 | 6.037 | 7.174 | 6.38 | 5.637 | 4.156 | 4.068 | 4.715 | 7.248 | 7.103 | 6.483 | 13.151 |
| | TOTAL OBS | 932 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10959 |
| 06-08 | MEAN | 44.0 | 45.4 | 48.7 | 56.0 | 64. | 75.3 | 78.3 | 76.3 | 72.7 | 61.0 | 50.2 | 45.2 | 59.9 |
| | S.D | 6.378 | 6.382 | 6.322 | 8.173 | 7.82 | 6.802 | 4.726 | 4.546 | 5.072 | 7.470 | 7.272 | 6.560 | 14.319 |
| | TOTAL OBS | 929 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10957 |
| 09-11 | MEAN | 62.0 | 65.9 | 69.8 | 78.9 | 87. | 97.7 | 97.0 | 96.1 | 93.3 | 82.7 | 71.4 | 64.7 | 80.0 |
| | S.D. | 6.683 | 7.674 | 7.592 | 9.069 | 7.84 | 5.671 | 5.661 | 4.978 | 5.546 | 8.131 | 8.729 | 7.466 | 14.856 |
| | TOTAL OBS | 932 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10958 |
| 12-14 | MEAN | 69.2 | 73.6 | 76.3 | 85.7 | 93. | 104.4 | 103.5 | 102.3 | 99.5 | 89.5 | 78.7 | 72.3 | 87.4 |
| | S.D | 7.251 | 8.345 | 8.220 | 9.457 | 8.09 | 5.806 | 6.010 | 5.073 | 6.092 | 8.469 | 9.531 | 8.221 | 14.764 |
| | TOTAL OBS | 932 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10959 |
| 15-17 | MEAN | 68.7 | 73.2 | 75.9 | 85.6 | 93. | 103.3 | 101.5 | 100.0 | 98.3 | 88.7 | 77.4 | 71.2 | 86.7 |
| | S.D | 7.272 | 8.545 | 8.483 | 9.514 | 8.33 | 6.388 | 7.393 | 6.899 | 7.103 | 8.513 | 9.726 | 8.343 | 14.956 |
| | TOTAL OBS | 929 | 849 | 930 | 899 | 93 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10957 |
| 18-20 | MEAN | 64.2 | 69.1 | 72.8 | 82.1 | 90. | 101.9 | 99.5 | 98.1 | 94.4 | 83.8 | 73.2 | 65.1 | 82.8 |
| | S.D | 6.422 | 7.495 | 7.798 | 9.472 | 8.31 | 6.536 | 7.948 | 7.428 | 7.335 | 8.022 | 8.294 | 6.647 | 15.465 |
| | TOTAL OBS | 932 | 848 | 930 | 897 | 93 | 899 | 930 | 929 | 900 | 930 | 900 | 929 | 10952 |
| 21-23 | MEAN | 48.3 | 51.8 | 55.5 | 63.3 | 72. | 82.9 | 83.0 | 81.9 | 78.0 | 66.3 | 54.0 | 49.1 | 65.6 |
| | S.D. | 6.145 | 6.297 | 6.480 | 8.243 | 7.09 | 6.016 | 6.152 | 5.738 | 5.697 | 7.410 | 7.250 | 6.155 | 14.681 |
| | TOTAL OBS | 929 | 848 | 930 | 897 | 93 | 900 | 930 | 930 | 900 | 929 | 900 | 929 | 10952 |
| ALL HOURS | MEAN | 51.2 | 54.3 | 57.5 | 65.5 | 73.6 | 84.2 | 85.1 | 83.8 | 80.6 | 69.6 | 58.3 | 52.8 | 66.1 |
| | S.D | 8.955 | 10.316 | 10.273 | 12.357 | 11.69 | 11.090 | 8.917 | 8.658 | 9.036 | 10.920 | 11.075 | 9.768 | 16.292 |
| | TOTAL OBS | 7437 | 6790 | 7440 | 7193 | 748 | 7199 | 7440 | 7439 | 7199 | 7439 | 7200 | 7435 | 87651 |

USAF ETAC FORM OCT 78 0-89-5 (OL A)

AL CLIMATOLOGY BRANCH
ETAC
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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72[illegible] / STATION — [illegible]AVID-MONTHAN AFB AZ / STATION NAME — 75-85 / YEARS

| HRS (LST) | | JAN | FEB | MAR | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | MEAN | 40.3 | 40.8 | 42.3 | 44.3 | 48. | 53.7 | 65.0 | 65.3 | 61.3 | 50.6 | 42.2 | 39.5 | 49.5 |
| | S D | 5.521 | 5.468 | 5.301 | 4.876 | 5.021 | 5.599 | 4.761 | 4.034 | 5.278 | 6.253 | 6.035 | 5.717 | 10.783 |
| | TOTAL OBS | 928 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 887 | 930 | 900 | 926 | 10942 |
| [illegible] | MEAN | 39.3 | 39.4 | 40.8 | 42.7 | 46.7 | 51.8 | 64.3 | 64.5 | 60.4 | 49.6 | 41.2 | 38.7 | 48.3 |
| | S D | 5.696 | 5.589 | 5.409 | 4.988 | 5.27 | 5.802 | 5.041 | 4.040 | 5.261 | 6.990 | 6.175 | 5.970 | 10.966 |
| | TOTAL OBS | 927 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 888 | 930 | 900 | 926 | 10943 |
| [illegible] | MEAN | 38.7 | 39.0 | 41.1 | 44.2 | 49. | 54.5 | 65.1 | 65.1 | 61.1 | 49.9 | 41.3 | 38.3 | 49.1 |
| | S D | 5.776 | 5.581 | 5.472 | 5.284 | 5.34 | 5.537 | 4.500 | 3.891 | 5.151 | 6.936 | 6.227 | 5.921 | 11.302 |
| | TOTAL OBS | 927 | 848 | 930 | 900 | 93 | 900 | 930 | 930 | 888 | 930 | 900 | 923 | 10936 |
| 9-11 | MEAN | 43.5 | 44.7 | 46.8 | 50.3 | 54.3 | 59.7 | 67.5 | 68.0 | 65.1 | 55.7 | 47.4 | 43.9 | 53.9 |
| | S D | 5.116 | 5.050 | 4.820 | 4.724 | 4.29 | 3.859 | 3.397 | 3.078 | 4.010 | 5.710 | 5.564 | 5.171 | 10.803 |
| | TOTAL OBS | 93[illegible] | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 888 | 929 | 900 | 926 | 10944 |
| 12-14 | MEAN | 46.9 | 47.9 | 49.1 | 52.5 | 56. | 62.1 | 68.7 | 68.7 | 66.1 | 57.7 | 50.5 | 47.6 | 56.2 |
| | S D | 4.682 | 4.621 | 4.387 | 4.552 | 4.07 | 3.333 | 2.977 | 2.995 | 3.469 | 4.926 | 5.165 | 4.695 | 9.682 |
| | TOTAL OBS | 93[illegible] | 849 | 930 | 900 | 93 | 900 | 929 | 930 | 892 | 930 | 899 | 930 | 10949 |
| 15-17 | MEAN | 47.3 | 48.4 | 49.6 | 53.1 | 57.1 | 63.0 | 68.7 | 68.5 | 65.8 | 57.6 | 50.6 | 47.3 | 56.5 |
| | S.D. | 4.533 | 4.443 | 4.465 | 4.477 | 3.81 | 2.985 | 2.721 | 2.993 | 3.411 | 4.618 | 5.111 | 4.646 | 8.683 |
| | TOTAL OBS | 929 | 849 | 930 | 899 | 93 | 900 | 930 | 929 | 893 | 930 | 900 | 93[illegible] | 10949 |
| 18-20 | MEAN | 44.6 | 46.3 | 47.5 | 50.7 | 55.2 | 61.1 | 67.6 | 67.2 | 64.2 | 55.1 | 47.0 | 44.4 | 54.3 |
| | S.D. | 4.878 | 4.745 | 4.581 | 4.607 | 4.04 | 3.276 | 3.037 | 3.169 | 3.913 | 5.535 | 5.288 | 5.000 | 9.532 |
| | TOTAL OBS | 93[illegible] | 848 | 930 | 897 | 93 | 899 | 929 | 926 | 893 | 930 | 900 | 929 | 10941 |
| 21-23 | MEAN | 41.9 | 43.1 | 44.5 | 47.2 | 51.[illegible] | 57.3 | 66.3 | 66.1 | 62.5 | 52.1 | 43.4 | 41.2 | 51.9 |
| | S.D. | 5.442 | 5.066 | 4.899 | 4.688 | 4.53[illegible] | 4.415 | 3.943 | 3.646 | 4.790 | 6.458 | 5.782 | 5.514 | 10.375 |
| | TOTAL OBS | 929 | 848 | 930 | 897 | 93 | 900 | 930 | 927 | 891 | 929 | 900 | 929 | 10941 |
| ALL HOURS | MEAN | 42.8 | 43.7 | 45.2 | 48.1 | 52.4 | 57.9 | 66.7 | 66.7 | 63.3 | 53.6 | 45.4 | 42.7 | 52.4 |
| | S.D. | 6.078 | 6.162 | 5.933 | 6.107 | 5.88[illegible] | 5.964 | 4.203 | 3.830 | 4.943 | 6.860 | 6.768 | 6.422 | 10.597 |
| | TOTAL OBS | 7433 | 6789 | 7440 | 7193 | 744[illegible] | 7199 | 7438 | 7432 | 7120 | 7438 | 7199 | 7423 | 87541 |

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GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

72274 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-85 — YEARS

| HRS (LST) | | JAN | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT | NOV. | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2-04 | MEAN | 32.4 | 31.9 | 31.5 | 29.5 | 30. | 32.9 | 55.9 | 57.7 | 52.1 | 38.2 | 29.6 | 29.2 | 37.8 |
| | S.D | 9.128 | 9.469 | 10.308 | 8.073 | 10.201 | 11.653 | 10.690 | 8.027 | 10.086 | 12.432 | 11.518 | 10.936 | 14.673 |
| | TOTAL OBS | 928 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 887 | 930 | 900 | 928 | 10943 |
| 5-07 | MEAN | 32.0 | 30.9 | 31.0 | 29.6 | 30. | 32.6 | 56.3 | 57.9 | 52.1 | 38.1 | 29.3 | 28.6 | 37.5 |
| | S.D | 9.151 | 9.411 | 10.260 | 7.916 | 10.03 | 11.769 | 10.337 | 7.324 | 9.692 | 12.371 | 11.349 | 10.8.1 | 14.772 |
| | TOTAL OBS | 927 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 888 | 930 | 900 | 92e | 10940 |
| 8-10 | MEAN | 31.4 | 30.2 | 31.0 | 30.6 | 32. | 35.0 | 56.8 | 58.5 | 52.8 | 38.5 | 29.4 | 28.3 | 38.3 |
| | S.D | 9.083 | 9.368 | 10.024 | 7.649 | 9.53 | 10.894 | 9.661 | 6.866 | 9.296 | 12.124 | 11.262 | 10.704 | 14.637 |
| | TOTAL OBS | 927 | 848 | 930 | 900 | 93 | 900 | 930 | 930 | 889 | 930 | 900 | 923 | 10936 |
| 11 | MEAN | 33.3 | 31.6 | 32.2 | 30.9 | 32. | 36.9 | 55.9 | 57.8 | 53.6 | 40.8 | 31.7 | 30.6 | 39.1 |
| | S.D. | 9.275 | 9.327 | 9.439 | 7.354 | 8.534 | 6.777 | 9.008 | 7.024 | 8.368 | 11.099 | 10.463 | 9.977 | 13.622 |
| | TOTAL OBS | 93 | 849 | 930 | 900 | 93 | 900 | 930 | 930 | 888 | 929 | 900 | 928 | 10944 |
| 12-14 | MEAN | 33.0 | 30.4 | 30.4 | 29.2 | 31. | 37.2 | 54.4 | 55.5 | 51.6 | 39.3 | 31.3 | 31.1 | 38.3 |
| | S.D. | 9.549 | 9.500 | 9.135 | 6.891 | 7.471 | 7.173 | 8.548 | 7.513 | 8.112 | 10.369 | 9.980 | 9.919 | 13.038 |
| | TOTAL OBS | 93 | 849 | 930 | 900 | 93 | 900 | 929 | 930 | 892 | 930 | 899 | 930 | 10949 |
| 15-17 | MEAN | 32.4 | 29.7 | 29.7 | 28.6 | 31. | 37.9 | 53.7 | 54.3 | 50.3 | 37.9 | 30.6 | 30.6 | 37.3 |
| | S.D. | 9.630 | 9.617 | 9.411 | 6.865 | 6.68 | 6.719 | 8.660 | 8.065 | 8.569 | 10.415 | 9.973 | 9.967 | 12.910 |
| | TOTAL OBS | 929 | 849 | 930 | 899 | 93 | 900 | 930 | 929 | 893 | 930 | 900 | 930 | 10949 |
| 18-20 | MEAN | 33.9 | 31.5 | 30.0 | 27.9 | 31.1 | 36.6 | 54.3 | 54.8 | 50.9 | 38.1 | 30.8 | 31.3 | 37.6 |
| | S.D | 9.295 | 9.974 | 10.258 | 8.047 | 7.935 | 8.180 | 9.814 | 8.633 | 9.324 | 11.546 | 10.731 | 10.601 | 13.514 |
| | TOTAL OBS | 93 | 848 | 930 | 897 | 93 | 899 | 929 | 926 | 893 | 930 | 900 | 929 | 10941 |
| 21-23 | MEAN | 33.6 | 32.5 | 31.0 | 29.0 | 31.1 | 34.5 | 55.8 | 56.5 | 51.7 | 38.0 | 30.0 | 30.6 | 37.9 |
| | S.D. | 9.242 | 9.733 | 10.596 | 8.414 | 9.63 | 10.387 | 10.702 | 8.498 | 9.920 | 12.432 | 11.362 | 10.830 | 14.321 |
| | TOTAL OBS | 929 | 848 | 930 | 897 | 93 | 900 | 930 | 927 | 891 | 929 | 900 | 929 | 10944 |
| ALL HOURS | MEAN | 32.8 | 31.1 | 30.8 | 29.4 | 31.0 | 35.5 | 55.4 | 56.6 | 51.9 | 38.6 | 30.4 | 30.1 | 37.9 |
| | S.D | 9.326 | 9.586 | 9.965 | 7.724 | 8.85 | 9.803 | 9.763 | 7.903 | 9.242 | 11.658 | 10.873 | 10.536 | 13.962 |
| | TOTAL OBS | 7434 | 6789 | 7440 | 7193 | 744 | 7199 | 7438 | 7432 | 7124 | 7438 | 7199 | 7423 | 87541 |

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# RELATIVE HUMIDITY

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 76-85 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 | 00-02 | 100.0 | 100.0 | 92.9 | 82.4 | 71.7 | 59.5 | 41.9 | 23.5 | 7.5 | 63.5 | 928 |
| | 03-05 | 100.0 | 100.0 | 94.6 | 83.4 | 73.6 | 57.8 | 41.2 | 25.7 | 7.8 | 64.3 | 927 |
| | 06-08 | 100.0 | 100.0 | 95.6 | 84.1 | 73.8 | 59.2 | 41.9 | 25.0 | 6.6 | 64.3 | 927 |
| | 09-11 | 100.0 | 96.3 | 83.6 | 69.1 | 51.9 | 34.9 | 21.5 | 9.7 | 3.4 | 52.8 | 930 |
| | 12-14 | 100.0 | 85.3 | 67.8 | 45.1 | 27.7 | 15.3 | 8.6 | 4.3 | 1.1 | 41.1 | 930 |
| | 15-17 | 100.0 | 83.2 | 60.9 | 39.5 | 23.4 | 11.3 | 7.9 | 3.0 | .2 | 38.4 | 929 |
| | 18-20 | 100.0 | 94.3 | 81.6 | 66.1 | 46.0 | 28.8 | 17.0 | 8.2 | 1.6 | 49.9 | 930 |
| | 21-23 | 100.0 | 99.6 | 92.1 | 80.1 | 66.8 | 51.8 | 33.4 | 18.1 | 6.1 | 60.4 | 929 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 94.6 | 83.7 | 68.9 | 54.4 | 39.8 | 26.7 | 14.7 | 4.5 | 54.3 | 7430 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 DAVIS-MONTHAN AFB AZ 76-85 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 | 98.0 | 90.6 | 78. | 60.8 | 43.6 | 28.3 | 14.7 | 4.5 | 57.6 | 849 |
| | 03-05 | 100.0 | 98.5 | 92.1 | 80. | 65.4 | 45.1 | 30.6 | 15.7 | 4.9 | 59.1 | 849 |
| | 06-08 | 100.0 | 98.5 | 91.3 | 80.4 | 63.7 | 45.3 | 30.7 | 13.9 | 4.4 | 58.5 | 848 |
| | 09-11 | 100.0 | 90.9 | 71.1 | 49. | 33.1 | 20.3 | 11.3 | 4.1 | .5 | 43.5 | 849 |
| | 12-14 | 99.6 | 72.6 | 43.7 | 28. | 16.5 | 8.4 | 3.2 | .7 | .2 | 32.5 | 849 |
| | 15-17 | 99.9 | 64.5 | 37.8 | 22. | 13.9 | 8.2 | 4.8 | 1.4 | .5 | 30.5 | 849 |
| | 18-20 | 100.0 | 84.6 | 62.0 | 39. | 24.5 | 14.6 | 8.7 | 3.9 | 1.2 | 39.4 | 848 |
| | 21-23 | 100.0 | 94.8 | 83.8 | 68. | 47.9 | 32.5 | 19.0 | 8.5 | 2.7 | 51.5 | 848 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 87.8 | 71.6 | 56. | 40.7 | 27.3 | 17.1 | 7.9 | 2.4 | 46.6 | 6789 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 AVIS-MONTHAN AFB AZ 76-85 MAR
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% | | |
| MAR | 00-02 | 100.0 | 95.3 | 82.2 | 67.4 | 48.5 | 33.8 | 21.5 | 9.2 | 2.4 | 51.7 | 930 |
| | 03-05 | 100.0 | 96.9 | 85.7 | 72.1 | 55.8 | 39.5 | 25.8 | 11.4 | 3.8 | 54.8 | 930 |
| | 06-08 | 100.0 | 97.0 | 86.7 | 71.4 | 53.7 | 37.6 | 25.2 | 10.4 | 3.1 | 54.1 | 930 |
| | 09-11 | 100.0 | 85.8 | 61.9 | 40.1 | 24.0 | 12.9 | 6.2 | 1.3 | .2 | 38.9 | 930 |
| | 12-14 | 99.1 | 64.9 | 35.6 | 19.5 | 11.4 | 6.1 | 2.9 | 1.3 | .1 | 29.4 | 930 |
| | 15-17 | 98.9 | 57.3 | 28.4 | 16.0 | 9.8 | 5.9 | 3.5 | 1.4 | .3 | 27.5 | 930 |
| | 18-20 | 99.7 | 72.6 | 44.9 | 26.3 | 15.5 | 10.0 | 6.5 | 3.0 | .8 | 33.2 | 930 |
| | 21-23 | 99.8 | 88.9 | 68.6 | 50.2 | 31.6 | 20.2 | 12.5 | 4.7 | 1.5 | 43.4 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.7 | 82.3 | 61.6 | 45.1 | 31.3 | 20.8 | 13.0 | 5.3 | 1.5 | 41.6 | 7440 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 (STATION) DAVIS-MONTHAN AFB AZ (STATION NAME) 76-85 (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 | 90.1 | 63.1 | 36.4 | 17.1 | 10.3 | 5.3 | 2.2 | .2 | 38.1 | 900 |
| | 03-05 | 100.0 | 95.8 | 76.3 | 48.2 | 25.8 | 13.4 | 6.4 | 2.9 | .6 | 42.7 | 900 |
| | 06-08 | 100.0 | 94.3 | 71.9 | 44.1 | 22.2 | 11.4 | 4.4 | 1.7 | .1 | 40.6 | 900 |
| | 09-11 | 99.3 | 62.4 | 29.8 | 13.6 | 5.0 | 1.8 | .6 | .2 | | 26.7 | 900 |
| | 12-14 | 96.6 | 33.9 | 12.9 | 4.6 | 2.1 | 1.0 | | | | 19.8 | 900 |
| | 15-17 | 95.2 | 24.9 | 10.9 | 4.7 | 1.7 | .9 | .4 | .2 | .1 | 18.3 | 899 |
| | 18-20 | 97.7 | 36.5 | 15.8 | 9.0 | 6.2 | 3.3 | 2.0 | .4 | | 22.0 | 897 |
| | 21-23 | 99.8 | 69.2 | 38.4 | 19.6 | 10.5 | 7.4 | 3.1 | 1.3 | .1 | 30.4 | 897 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | TOTALS | 98.6 | 63.4 | 39.9 | 22.6 | 11.3 | 6.2 | 2.8 | 1.1 | .1 | 29.8 | 7193 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

22745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 PERIOD | MAY MONTH

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 75.2 | 39.4 | 19.[illegible] | 10.1 | 4.6 | 3.0 | 1.2 | | 30.9 | 930 |
| | 03-05 | 100.0 | 87.4 | 52.3 | 28.7 | 13.3 | 6.7 | 3.4 | 1.5 | .4 | 35.1 | 930 |
| | 06-08 | 99.6 | 79.5 | 44.9 | 22.4 | 11.0 | 5.4 | 2.8 | 1.2 | .1 | 32.3 | 930 |
| | 09-11 | 97.2 | 41.8 | 15.1 | 5.[illegible] | 3.1 | 1.5 | .4 | .3 | .1 | 21.8 | 930 |
| | 12-14 | 92.0 | 20.3 | 5.9 | 2.[illegible] | 1.1 | .4 | .4 | .4 | .3 | 16.7 | 930 |
| | 15-17 | 91.0 | 14.4 | 5.3 | 2.[illegible] | 1.2 | 1.0 | 1.0 | .8 | .1 | 15.[illegible] | 930 |
| | 18-20 | 95.5 | 24.7 | 9.0 | 4.[illegible] | 1.9 | 1.0 | .9 | .5 | | 16.1 | 93[illegible] |
| | 21-23 | 99.4 | 50.1 | 22.[illegible] | 10.[illegible] | 4.7 | 2.2 | 1.3 | .5 | .2 | 24.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 96.8 | 49.2 | 24.2 | 12.[illegible] | 5.8 | 2.9 | 1.7 | .8 | .2 | 24.4 | 744[illegible] |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722 45 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 PERIOD | JUN 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% | | |
| JUN | 00-02 | 79.6 | 48.3 | 17.7 | 8.1 | 5.1 | 2.6 | 1.1 | | | 23.5 | 900 |
| | 03-05 | 89.7 | 63.7 | 27.4 | 11. | 6.3 | 3.3 | 1.3 | | | 26.6 | 900 |
| | 06-08 | 99.3 | 57.8 | 22.7 | 9.1 | 4.6 | 1.9 | .8 | | | 25.3 | 900 |
| | 09-11 | 94.1 | 25.3 | 7.8 | 2.1 | .3 | | | | | 17.6 | 900 |
| | 12-14 | 44.9 | 11.3 | 3.3 | .1 | .3 | .1 | .1 | .1 | | 14.2 | 900 |
| | 15-17 | 61.6 | 10.1 | 4.7 | 2. | 1.6 | .4 | | | | 14.1 | 900 |
| | 18-20 | 77.7 | 15.1 | 7.3 | 4.1 | 3.0 | 1.3 | .4 | .1 | | 15.9 | 899 |
| | 21-23 | 86.1 | 26.7 | 11.3 | 6.1 | 4.1 | 2.3 | .7 | | | 19.5 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | TOTALS | 82.9 | 32.2 | 12.7 | 5.1 | 3.2 | 1.5 | .5 | .1 | | 19.6 | 7199 |

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GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

72274 DAVIS-MONTHAN AFB AZ 75-84 JUL
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% | | |
| JUL | 0-02 | 100.0 | 91.5 | 77.4 | 64.1 | 46.3 | 32.6 | 18.7 | 6.9 | .5 | 49.3 | 930 |
| | 3-05 | 100.0 | 97.0 | 86.2 | 73. | 54.8 | 38.9 | 22.7 | 7.8 | 1.0 | 53.3 | 930 |
| | 6-08 | 100.0 | 94.9 | 85.3 | 69. | 51.1 | 31.9 | 17.2 | 4.6 | .4 | 51. | 9?0 |
| | 9-11 | 99.4 | 86.1 | 65.5 | 40. | 20.4 | 7.7 | 2.6 | 1.1 | .2 | 37.9 | 930 |
| | 12-14 | 96.9 | 74.9 | 40.7 | 16.5 | 6.1 | 1.6 | .? | .4 | | 29.2 | 929 |
| | 15-17 | 95.3 | 66.5 | 35.2 | 17. | 8.7 | 3.9 | 1.6 | .1 | | 26. | 930 |
| | 18-20 | 96.7 | 72.7 | 53.4 | 33.4 | 20.3 | 10.5 | 5.4 | 1.2 | | 34.8 | 929 |
| | 21-23 | 99.9 | 82.9 | 70.3 | 55. | 38.0 | 25.4 | 13.5 | 4.5 | .1 | 44.5 | 93? |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | TOTALS | 98.5 | 83.3 | 64.3 | 46. | 30.7 | 19.1 | 10.3 | 3.3 | .3 | 41.0 | 7438 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 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 | 99.1 | 89.7 | 73.3 | 50.4 | 31.4 | 19.6 | 10.4 | 1.8 | 53.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 95.4 | 84.1 | 59.9 | 39.1 | 23.0 | 11.9 | 1.8 | 57.4 | 930 |
| | 06-08 | 100.0 | 99.9 | 95.8 | 83.8 | 59.8 | 36.9 | 19.5 | 8.6 | 1.7 | 56.1 | 930 |
| | 09-11 | 100.0 | 94.0 | 75.6 | 45.2 | 20.5 | 7.7 | 3.3 | 1.7 | | 40.5 | 930 |
| | 12-14 | 99.8 | 81.7 | 44.9 | 17.3 | 5.9 | 2.0 | 1.0 | .2 | | 30.8 | 930 |
| | 15-17 | 99.7 | 71.4 | 35.7 | 17.1 | 9.8 | 5.7 | 4.0 | 2.0 | .2 | 30.0 | 929 |
| | 18-20 | 99.9 | 78.0 | 52.6 | 32.4 | 20.1 | 12.9 | 6.9 | 3.7 | .6 | 36.3 | 926 |
| | 21-23 | 100.0 | 95.1 | 73.7 | 53.4 | 34.6 | 22.5 | 13.8 | 6.3 | 1.3 | 45.5 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.9 | 89.9 | 70.4 | 51.0 | 32.6 | 19.8 | 11.4 | 5.6 | .9 | 43.7 | 7432 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GL PAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 DAVIS-MONTHAN AFB AZ 75-84 SEP
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% | | |
| E | 00-02 | 100.0 | 97.4 | 83.3 | 62. | 40.8 | 27.1 | 15.4 | 6.8 | 1.0 | 48.9 | 887 |
| | 03-05 | 100.0 | 98.5 | 87.3 | 71. | 50.0 | 31.5 | 19.1 | 7.5 | .9 | 52.3 | 888 |
| | 06-08 | 100.0 | 98.9 | 88.5 | 73. | 50.6 | 31.4 | 17.0 | 7.2 | .7 | 52.3 | 888 |
| | 09-11 | 100.0 | 90.8 | 69.7 | 39. | 19.1 | 7.5 | 2.7 | .3 | | 38.4 | 888 |
| | 12-14 | 99.6 | 77.6 | 40.1 | 15. | 6.2 | 2.6 | 2.0 | 1.0 | .4 | 29.8 | 892 |
| | 15-17 | 99.2 | 63.4 | 31.0 | 14. | 9.1 | 5.5 | 3.6 | 1.9 | .4 | 28.5 | 893 |
| | 18-20 | 99.8 | 78.3 | 47.7 | 27. | 17.1 | 13.2 | 8.7 | 4.4 | .6 | 35.4 | 893 |
| | 21-23 | 100.0 | 94.5 | 71.4 | 45. | 30.3 | 19.4 | 13.1 | 5.9 | .8 | 43.6 | 891 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 99.8 | 87.4 | 64.9 | 43. | 27.9 | 17.3 | 10.2 | 4.4 | .6 | 41. | 7120 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 DAVIS-MONTHAN AFB AZ 75-84 OCT
STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 92.2 | 67.3 | 47.[illegible] | 33.8 | 21.4 | 15.4 | 7.8 | 1.1 | 44.3 | 93[illegible] |
| | 03-05 | 100.0 | 93.9 | 74.8 | 54.[illegible] | 40.4 | 25.5 | 17.3 | 8.5 | 2.9 | 47.5 | 930 |
| | 06-08 | 100.0 | 94.3 | 74.9 | 54.[illegible] | 39.2 | 25.7 | 16.7 | 6.2 | 2.5 | 47.2 | 93[illegible] |
| | 09-11 | 99.9 | 76.1 | 49.9 | 32.[illegible] | 19.6 | 9.8 | 4.4 | 2.5 | .5 | 35.2 | 929 |
| | 12-14 | 99.[illegible] | 53.8 | 31.8 | 15.[illegible] | 6.9 | 3.8 | 2.5 | 1.5 | .5 | 26.9 | 930 |
| | 15-17 | 98.0 | 47.4 | 24.9 | 12.[illegible] | 5.7 | 3.5 | 2.[illegible] | 1.1 | .5 | 24.6 | 93[illegible] |
| | 18-20 | 99.7 | 63.5 | 39.4 | 24.[illegible] | 14.1 | 7.6 | 4.3 | 2.7 | 1.1 | 31.3 | 93[illegible] |
| | 21-23 | 100.0 | 84.4 | 54.8 | 39.[illegible] | 25.7 | 17.2 | 10.2 | 4.5 | 1.1 | 39.4 | 929 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | [illegible]9.5 | 75.7 | 52.2 | 35.[illegible] | 23.2 | 14.3 | 9.1 | 4.4 | 1.3 | 37.1 | 7438 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 DAVIS-MONTHAN AFB AZ 75-84 NOV
STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 93.2 | 70.8 | 53.[illegible] | 37.1 | 27.0 | 21.3 | 11.1 | 4.3 | 47.3 | 900 |
| | 03-05 | 100.0 | 96.1 | 75.4 | 55.[illegible] | 41.8 | 29.2 | 21.6 | 11.1 | 3.4 | 48.9 | 900 |
| | 6-08 | 100.0 | 96.4 | 75.2 | 55.[illegible] | 42.9 | 30.1 | 20.6 | 10.4 | 3.3 | 49.1 | 900 |
| | [illegible]9-11 | 99.8 | 79.7 | 52.3 | 35.[illegible] | 23.4 | 13.8 | 7.9 | 2.7 | .4 | 36.9 | 900 |
| | 12-14 | [illegible]8.8 | 57.5 | 33.[illegible] | 21.[illegible] | 11.8 | 6.3 | 3.3 | 1.2 | .2 | 28.7 | 899 |
| | 15-17 | 98.8 | 52.4 | 30.9 | 19.[illegible] | 10.4 | 6.3 | 3.1 | 1.4 | .7 | 27.6 | 900 |
| | 18-20 | 100.0 | 75.4 | 49.1 | 34.[illegible] | 23.0 | 14.7 | 8.4 | 3.3 | 1.1 | 36.3 | 900 |
| | 21-23 | 100.0 | 90.9 | 62.6 | 46.[illegible] | 33.3 | 24.8 | 17.4 | 7.8 | 3.1 | 44.4 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | [illegible]9.7 | 80.2 | 56.2 | 40.[illegible] | 28.0 | 19.0 | 13.0 | 6.1 | 2.1 | 39.9 | 7199 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
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# RELATIVE HUMIDITY

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-84 PERIOD | DEC MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 96.8 | 84.2 | 69.[illegible] | 49.4 | 39.9 | 28.6 | 17.2 | 5.0 | 54.6 | 928 |
| | 03-05 | 100.0 | 96.4 | 85.9 | 70.[illegible] | 51.7 | 41.0 | 29.8 | 17.3 | 5.2 | 55.5 | 926 |
| | 06-08 | 100.0 | 97.0 | 86.3 | 70.9 | 53.0 | 41.4 | 28.5 | 16.5 | 4.9 | 55.5 | 923 |
| | 09-11 | 100.0 | 89.4 | 69.2 | 49.[illegible] | 34.8 | 23.6 | 14.1 | 7.0 | 2.5 | 44.7 | 926 |
| | 12-14 | 100.0 | 74.5 | 48.6 | 32.[illegible] | 20.4 | 12.5 | 7.2 | 3.1 | .8 | 35.3 | 930 |
| | 15-17 | 100.0 | 70.6 | 46.1 | 29.4 | 17.3 | 9.5 | 6.2 | 4.1 | .3 | 33.7 | 930 |
| | 18-20 | 100.0 | 89.6 | 67.9 | 50.[illegible] | 37.4 | 25.3 | 13.1 | 6.6 | 2.4 | 45.0 | 929 |
| | 21-23 | 100.0 | 95.5 | 82.5 | 64.[illegible] | 49.2 | 39.5 | 25.9 | 13.3 | 4.7 | 53.2 | 929 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 88.7 | 71.3 | 54.[illegible] | 39.2 | 29.1 | 19.2 | 10.7 | 3.2 | 47.2 | 7423 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

722745 STATION | DAVIS-MONTHAN AFB AZ STATION NAME | 75-85 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 | 94.8 | 83.7 | 68.9 | 54.4 | 39.8 | 26.7 | 14.7 | 4.5 | 54.3 | 7430 |
| FEB | | 99.9 | 87.8 | 71.6 | 56. | 40.7 | 27.3 | 17.1 | 7.9 | 2.4 | 46.6 | 6789 |
| MAR | | 99.7 | 82.3 | 61.8 | 45.7 | 31.3 | 20.8 | 13.0 | 5.3 | 1.5 | 41.6 | 7441 |
| APR | | 99.6 | 63.4 | 39.9 | 22. | 11.3 | 6.2 | 2.8 | 1.1 | .1 | 29.8 | 7193 |
| MAY | | 96.8 | 49.2 | 24.2 | 12. | 5.8 | 2.9 | 1.7 | .8 | .2 | 24.4 | 7446 |
| JUN | | 91.9 | 32.2 | 12.7 | 5. | 3.2 | 1.5 | .5 | | | 19.6 | 7199 |
| JUL | | 98.5 | 83.3 | 64.3 | 46.1 | 30.7 | 19.1 | 10.3 | 3.3 | .3 | 41.0 | 7436 |
| AUG | | 99.9 | 89.9 | 70.4 | 51. | 32.6 | 19.8 | 11.4 | 5.6 | .9 | 43.7 | 7432 |
| SEP | | 99.9 | 87.4 | 64.9 | 43. | 27.9 | 17.3 | 10.2 | 4.4 | .6 | 41.2 | 7192 |
| OCT | | 99.5 | 75.7 | 52.2 | 35. | 23.2 | 14.3 | 9.1 | 4.4 | 1.3 | 37.1 | 7438 |
| NOV | | 99.7 | 80.2 | 56.2 | 40. | 28.0 | 19.0 | 13.0 | 6.1 | 2.1 | 39.9 | 7199 |
| DEC | | 100.0 | 88.7 | 71.3 | 54.7 | 39.2 | 29.1 | 19.2 | 10.7 | 3.2 | 47.2 | 7423 |
| TOTALS | | 98.8 | 76.2 | 56.1 | 40. | 27.4 | 18.1 | 11.3 | 5.4 | 1.4 | 38.9 | 87541 |

USAFETAC FORM JUL 84 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

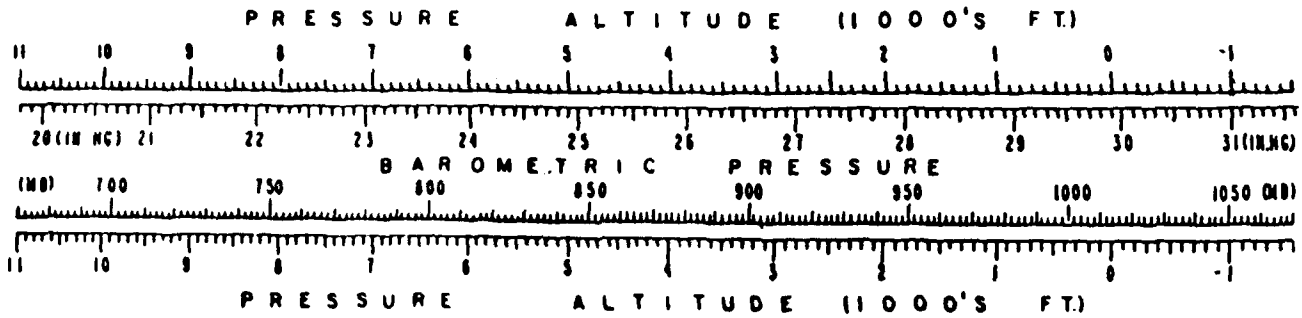
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

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



GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

722745 — STATION
DAVIS-MONTHAN AFB AZ — STATION NAME
75-85 — YEARS

| HRS (L.S.T.) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MEAN | 27.313 | 27.296 | 27.230 | 27.204 | 27.18 | 27.187 | 27.242 | 27.251 | 27.233 | 27.268 | 27.304 | 27.322 | 27.252 |
| | S.D. | .124 | .126 | .125 | .109 | .09 | .096 | .079 | .084 | .094 | .104 | .123 | .143 | .121 |
| | TOTAL OBS | 31 | 283 | 310 | 300 | 31 | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3652 |
| | MEAN | 27.303 | 27.285 | 27.220 | 27.200 | 27.18 | 27.197 | 27.248 | 27.253 | 27.230 | 27.266 | 27.297 | 27.313 | 27.249 |
| | S.D. | .124 | .128 | .125 | .111 | .09 | .097 | .080 | .085 | .093 | .106 | .127 | .143 | .119 |
| | TOTAL OBS | 31 | 283 | 310 | 300 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3655 |
| | MEAN | 27.329 | 27.314 | 27.253 | 27.236 | 27.21 | 27.232 | 27.285 | 27.288 | 27.265 | 27.299 | 27.330 | 27.339 | 27.28 |
| | S.D. | .125 | .129 | .126 | .111 | .09 | .099 | .083 | .087 | .096 | .108 | .126 | .142 | .119 |
| | TOTAL OBS | 31 | 283 | 310 | 300 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3652 |
| 01 | MEAN | 27.351 | 27.331 | 27.260 | 27.233 | 27.20 | 27.223 | 27.277 | 27.285 | 27.263 | 27.296 | 27.335 | 27.356 | 27.284 |
| | S.D. | .126 | .128 | .126 | .113 | .09 | .100 | .082 | .087 | .096 | .108 | .124 | .141 | .122 |
| | TOTAL OBS | 31 | 283 | 310 | 300 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| 04 | MEAN | 27.274 | 27.264 | 27.204 | 27.161 | 27.15 | 27.173 | 27.220 | 27.227 | 27.199 | 27.232 | 27.266 | 27.287 | 27.223 |
| | S.D. | .122 | .125 | .125 | .110 | .097 | .099 | .082 | .085 | .093 | .106 | .121 | .136 | .117 |
| | TOTAL OBS | 31 | 283 | 310 | 300 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| 07 | MEAN | 27.267 | 27.245 | 27.175 | 27.144 | 27.11 | 27.130 | 27.175 | 27.185 | 27.170 | 27.213 | 27.256 | 27.279 | 27.196 |
| | S.D. | .125 | .124 | .123 | .108 | .09 | .098 | .083 | .084 | .094 | .104 | .123 | .135 | .121 |
| | TOTAL OBS | 31 | 283 | 310 | 299 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3654 |
| 10 | MEAN | 27.297 | 27.273 | 27.201 | 27.168 | 27.13 | 27.147 | 27.203 | 27.211 | 27.201 | 27.243 | 27.289 | 27.311 | 27.224 |
| | S.D. | .125 | .124 | .125 | .107 | .09 | .097 | .084 | .087 | .094 | .104 | .122 | .135 | .123 |
| | TOTAL OBS | 31 | 282 | 310 | 299 | 31 | 299 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 13 | MEAN | 27.32 | 27.298 | 27.232 | 27.206 | 27.182 | 27.193 | 27.250 | 27.250 | 27.232 | 27.269 | 27.310 | 27.332 | 27.256 |
| | S.D. | .125 | .125 | .126 | .106 | .09 | .095 | .086 | .088 | .093 | .103 | .123 | .136 | .120 |
| | TOTAL OBS | 31 | 283 | 310 | 299 | 31 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| ALL HOURS | MEAN | 27.307 | 27.288 | 27.222 | 27.197 | 27.17 | 27.185 | 27.237 | 27.244 | 27.224 | 27.261 | 27.298 | 27.318 | 27.246 |
| | S.D. | .127 | .129 | .128 | .113 | .10 | .103 | .089 | .092 | .099 | .109 | .126 | .141 | .123 |
| | TOTAL OBS | 2480 | 2263 | 2480 | 2397 | 248 | 2399 | 2480 | 2480 | 2398 | 2480 | 2400 | 2479 | 29217 |

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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

72274S — STATION — DAVIS-MONTHAN AFB AZ — STATION NAME — 75-85 — YEARS

| HRS (LST) | | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | MEAN | 1016.4 | 1015.9 | 1013.0 | 1011.3 | 1009.1 | 1008.5 | 1010.4 | 1010.8 | 1010.3 | 1012.7 | 1015.1 | 1016.4 | 1012.5 |
| | S.D | 4.11. | 4.036 | 4.105 | 3.572 | 2.844 | 2.264 | 2.220 | 2.380 | 2.636 | 3.076 | 3.984 | 4.604 | 4.398 |
| | TOTAL OBS | 31. | 283 | 310 | 3.0 | 31. | 300 | 310 | 310 | 299 | 310 | 300 | 310 | 3652 |
| | MEAN | 1016.3 | 1015.5 | 1012.8 | 1011.3 | 1009.4 | 1009.0 | 1010.7 | 1011.1 | 1010.4 | 1012.7 | 1015.1 | 1016.2 | 1012.6 |
| | S.D | 4.163 | 4.022 | 4.075 | 3.704 | 2.854 | 2.286 | 2.189 | 2.338 | 2.612 | 3.105 | 4.029 | 4.712 | 4.287 |
| | TOTAL OBS | 31. | 283 | 310 | 3.0 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| | MEAN | 1017.9 | 1017.0 | 1014.2 | 1012.6 | 1010.4 | 1010.1 | 1012.2 | 1012.4 | 1011.8 | 1014.2 | 1016.7 | 1017.6 | 1013.9 |
| | S.D | 4.129 | 4.059 | 4.065 | 3.659 | 2.88. | 2.313 | 2.174 | 2.310 | 2.682 | 3.130 | 4.052 | 4.681 | 4.344 |
| | TOTAL OBS | 31. | 283 | 310 | 300 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3652 |
| 1 | MEAN | 1018.4 | 1017.3 | 1014.2 | 1012.4 | 1010. | 1009.7 | 1011.7 | 1012.1 | 1011.5 | 1013.9 | 1016.5 | 1017.9 | 1013.8 |
| | S.D | 4.074 | 3.961 | 4.019 | 3.677 | 2.91. | 2.363 | 2.169 | 2.302 | 2.704 | 3.145 | 3.959 | 4.542 | 4.493 |
| | TOTAL OBS | 31. | 283 | 310 | 300 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| 1. | MEAN | 1015.4 | 1014.7 | 1012.0 | 1010.4 | 1008.. | 1007.9 | 1009.6 | 1009.9 | 1009.3 | 1011.4 | 1013.7 | 1015.0 | 1011.5 |
| | S.D | 4.046 | 3.887 | 4.019 | 3.663 | 2.96. | 2.390 | 2.166 | 2.303 | 2.616 | 3.081 | 3.916 | 4.359 | 4.219 |
| | TOTAL OBS | 31. | 283 | 31. | 300 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3653 |
| 2 | MEAN | 1015.2 | 1014.0 | 1011.0 | 1009.2 | 1007. | 1006.5 | 1008.0 | 1008.5 | 1008.2 | 1010.8 | 1013.5 | 1015.0 | 1010.6 |
| | S.D | 4.140 | 3.906 | 3.996 | 3.639 | 2.88. | 2.381 | 2.401 | 2.545 | 2.719 | 3.136 | 3.936 | 4.385 | 4.558 |
| | TOTAL OBS | 31. | 283 | 310 | 299 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 3 | MEAN | 1016.7 | 1015.4 | 1012.2 | 1010.0 | 1007.6 | 1007.0 | 1009.2 | 1009.5 | 1009.5 | 1012.2 | 1015.1 | 1016.6 | 1011.7 |
| | S.D | 4.179 | 3.919 | 4.059 | 3.578 | 2.87. | 2.392 | 2.638 | 2.685 | 2.791 | 3.151 | 4.036 | 4.429 | 4.796 |
| | TOTAL OBS | 31. | 282 | 310 | 299 | 31. | 299 | 310 | 310 | 300 | 310 | 300 | 31. | 3653 |
| 21 | MEAN | 1017.2 | 1016.0 | 1013.1 | 1011.3 | 1009. | 1008.6 | 1010.8 | 1010.8 | 1010.4 | 1012.9 | 1015.5 | 1016.9 | 1012.7 |
| | S.D | 4.117 | 4.000 | 4.071 | 3.541 | 2.77. | 2.267 | 2.520 | 2.617 | 2.669 | 3.057 | 4.029 | 4.446 | 4.491 |
| | TOTAL OBS | 31. | 283 | 310 | 299 | 31. | 300 | 310 | 310 | 300 | 310 | 300 | 31. | 3653 |
| ALL HOURS | MEAN | 1016.8 | 1015.7 | 1012.8 | 1011.1 | 1008.8 | 1008.4 | 1010.3 | 1010.7 | 1010.2 | 1012.6 | 1015.2 | 1016.5 | 1012.4 |
| | S.D | 4.249 | 4.095 | 4.168 | 3.783 | 3.07. | 2.609 | 2.639 | 2.730 | 2.905 | 3.280 | 4.124 | 4.624 | 4.576 |
| | TOTAL OBS | 2480 | 2263 | 2480 | 2397 | 248. | 2399 | 2480 | 2480 | 2399 | 2480 | 2400 | 2479 | 29217 |

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AD-A159 644 DAVIS-MONTHAN AFB ARIZONA REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSE..(U) AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A.. JUL 85 7/7

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