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## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

FT RUCKER AL WBAN #03850
N 31 16 W 085 43 FLD ELEV 305 FT OZR WMO #

PARTS A-F
POR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 80

POR FROM DAILY OBS: OCT 54 - NOV 80

TIME CONVERSION GMT TO LST: -6

MAY 07 1981

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

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

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

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

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## REPORT DOCUMENTATION PAGE

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| | |
|---|---|
| 1 REPORT NUMBER: USAFETAC/DS-81/061 | 2. GOVT ACCESSION NO. |
| 3. RECIPIENT'S CATALOG NUMBER | |
| 4 TITLE (and Subtitle): Revised Uniform Summary of Surface Weather Observations (RUSSWO)- FT RUCKER, CAIRNS AAF, ALABAMA | 5 TYPE OF REPORT & PERIOD COVERED: Final rept. |
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16 DISTRIBUTION STATEMENT (of this Report)

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18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statisitical summary of surface weather observations for FT RUCKER, CAIRNS AAF, ALABAMA
It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

UNCLASSIFIED
SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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

*ALABAMA *FT RUCKER/CAIRNS AAF

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

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# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

Hourly observations are defined as those record or r cord-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 observ. [illegible] 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

## MISSING HOUR GROUPS

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

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

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AIR WEATHER SERVICE (MAC)

# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

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PART C SURFACE WINDS

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PART E DAILY MAX, MIN, & MEAN TEMP
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SEA LEVEL PRESSURE

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

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | FIELD ELEV (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 03850 | FORT RUCKER ALABAMA/CAIRNS AAF | N 31 16 | W 085 43 | 305 | OZR | |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| | | | FROM | TO | | | FIELD (FT) | HT. BARO. | |
| 1 | Camp Rucker AL/Ozark AAF | AAF | Nov 54 | Apr 56 | N 31 17 | W 085 43 | 315 | 304 ft | 24 |
| 2 | Same | Same | May 56 | Mar 58 | Same | Same | Same | Same | 24 |
| 3 | Same | Same | Apr 58 | Feb 59 | Same | Same | Same | 303 ft | 24 |
| 4 | Fort Rucker AL/Cairns AAF | Same | Mar 59 | Oct 61 | Same | Same | Same | Same | 24 |
| 5 | Same | Same | Nov 61 | 18 Aug 66 | Same | Same | Same | 297 ft | 24 |
| 6 | Same | Same | 19 Aug 66 | Dec 70 | N 31 16 | Same | Same | Same | 24 |
| 7 | Same | Same | Jan 71 | Dec 78 | Same | Same | 305 | Same | 24 |
| 8 | Same | Same | Jan 79 | Apr 81 | Same | Same | Same | 296 ft | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Nov 54 | Located on top of Weather Station. | AN/GMQ-1 | L-204B | 25 ft | |
| 2 | May 56 | Located in center section of field. | AN/GMQ-11 | RO-2 | 15 ft | |
| 3 | Mar 59 | Located in Complex of Runway. | Same | Same | 13 ft | |
| 4 | May 60 | Located 444 ft SW of the NW-SE Rnwy 675 ft E of the N-S Rnwy. | Same | Same | Same | |
| 5 | Mar 64 | Located 600 ft SW of Rnwy 31 and 600 ft E of Runway 18. | Same | Same | Same | |
| 6 | Mar 69 | Located 250 ft from centerline of Rnwy 13/31, 300 ft from centerline of Rnwy 06. | Same | Same | 14.5 ft | |
| 7 | Dec 78 | Located 250 ft from centerline of Rnwy 13/31, 300 ft from centerline of Runway 06. | GMQ-11 | RO-2 | Same | |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 8 | Jan 79 | Same | GMO-20 | RO-362 | 13.5 ft | |

68-8975

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

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.

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

| 03850 | FT RUCKER AL | 69-70,73-80 | 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 | 10.1 | | .4 | | 10.5 | 18.8 | .9 | | | 19.2 | 930 |
| | 03-05 | .6 | 13.9 | | .5 | | 14.4 | 24.3 | .6 | | | 24.6 | 930 |
| | 06-08 | .4 | 10.9 | .4 | .4 | | 11.6 | 31.1 | 1.8 | | | 32.5 | 930 |
| | 09-11 | .5 | 10.0 | | .8 | .1 | 10.8 | 22.3 | 3.4 | | | 25.6 | 930 |
| | 12-14 | .4 | 8.9 | | .8 | | 9.5 | 10.0 | 3.5 | | | 12.7 | 930 |
| | 15-17 | .2 | 10.1 | | .5 | .1 | 10.6 | 8.5 | 3.3 | | | 11.2 | 930 |
| | 18-20 | .9 | 10.5 | .2 | .2 | | 11.0 | 8.8 | 1.2 | | | 9.9 | 930 |
| | 21-23 | .5 | 11.0 | | .2 | | 11.2 | 12.2 | 1.5 | | | 12.7 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 10.7 | .1 | .5 | .0 | 11.2 | 17.0 | 2.3 | | | 18.6 | 7440 |

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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | .9 | 9.9 | | .4 | | 10.3 | 14.1 | 1.7 | | .4 | 15.6 | 846 |
| | 03-05 | .9 | 10.2 | | .5 | | 10.5 | 18.3 | 1.8 | | .4 | 20.1 | 846 |
| | 06-08 | 1.5 | 10.2 | | .1 | | 10.3 | 28.3 | 6.0 | | .6 | 33.1 | 846 |
| | 09-11 | .4 | 7.6 | | .2 | | 7.7 | 14.2 | 7.8 | | .7 | 21.0 | 846 |
| | 12-14 | .5 | 7.1 | | .5 | .1 | 7.2 | 6.0 | 4.8 | | .7 | 10.9 | 846 |
| | 15-17 | .2 | 6.7 | | .5 | .1 | 6.9 | 5.8 | 4.7 | | .7 | 10.2 | 846 |
| | 18-20 | .7 | 6.9 | | .4 | | 7.2 | 6.6 | 3.7 | | .4 | 9.7 | 846 |
| | 21-23 | 1.3 | 8.6 | | .4 | | 9.0 | 8.4 | 2.6 | | .4 | 10.3 | 846 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 8.4 | | .4 | .0 | 8.6 | 12.7 | 4.1 | | .5 | 16.4 | 6768 |

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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | 3.2 | 10.4 | .3 | .2 | | 10.8 | 17.1 | 1.2 | | .2 | 17.8 | 930 |
| | 03-05 | 4.0 | 10.2 | .3 | | .1 | 10.6 | 23.7 | .5 | | | 24.2 | 930 |
| | 06-08 | 3.5 | 9.9 | | .8 | | 10.6 | 30.6 | 4.9 | | | 33.5 | 930 |
| | 09-11 | 1.4 | 7.1 | | .3 | | 7.4 | 11.0 | 4.6 | | 1.1 | 15.4 | 930 |
| | 12-14 | 2.4 | 7.8 | | .2 | | 8.1 | 4.0 | 2.8 | | 1.5 | 7.8 | 930 |
| | 15-17 | 1.8 | 10.0 | | | .2 | 10.0 | 7.1 | 1.4 | | .6 | 8.9 | 930 |
| | 18-20 | 2.4 | 11.6 | | .1 | .2 | 11.6 | 8.4 | .9 | | | 9.1 | 930 |
| | 21-23 | 2.5 | 9.7 | .1 | | | 9.8 | 9.1 | 1.5 | | | 10.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.7 | 9.6 | .1 | .2 | .1 | 9.9 | 13.9 | 2.2 | | .4 | 15.9 | 7440 |

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# WEATHER CONDITIONS

| 03850 | FT RUCKER AL | 69-70,73-80 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | 1.3 | 5.6 | | | | 5.6 | 13.7 | 1.0 | | | 13.8 | 900 |
| | 03-05 | 1.6 | 4.4 | | | | 4.4 | 21.8 | 1.2 | | | 22.3 | 900 |
| | 06-08 | 2.1 | 6.0 | | | | 6.0 | 23.6 | 3.3 | | | 25.3 | 900 |
| | 09-11 | 2.0 | 6.0 | | | | 6.0 | 4.6 | 3.3 | | .6 | 7.4 | 900 |
| | 12-14 | 1.8 | 5.1 | | | | 5.1 | 2.6 | 1.2 | | 1.6 | 5.1 | 900 |
| | 15-17 | 2.6 | 8.1 | | | | 8.1 | 3.7 | 1.2 | | 2.0 | 6.8 | 900 |
| | 18-20 | 2.3 | 7.2 | | | | 7.2 | 3.- | 1.1 | | .2 | 4.9 | 900 |
| | 21-23 | 1.8 | 4.8 | | | | 4.8 | 4.6 | .9 | | | 5.3 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.9 | 5.9 | | | | 5.9 | 9.8 | 1.7 | | .6 | 11.4 | 7200 |

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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | 1.7 | 3.8 | | | | 3.8 | 12.2 | 2.0 | | | 13.5 | 930 |
| | 03-05 | 2.3 | 5.3 | | | | 5.3 | 34.4 | 4.7 | | | 35.8 | 930 |
| | 06-08 | 1.5 | 4.5 | | | | 4.5 | 34.4 | 18.6 | | | 44.2 | 930 |
| | 09-11 | 2.3 | 6.0 | | | | 6.0 | 4.2 | 11.2 | | | 14.4 | 930 |
| | 12-14 | 4.8 | 6.0 | | | | 6.0 | 2.3 | 5.7 | | | 7.5 | 930 |
| | 15-17 | 5.1 | 7.5 | | | | 7.5 | 3.1 | 4.7 | | | 7.2 | 930 |
| | 18-20 | 3.3 | 6.3 | | | | 6.3 | 3.5 | 5.1 | | | 8.2 | 930 |
| | 21-23 | 2.4 | 3.8 | | | | 3.8 | 3.4 | 1.9 | | | 5.4 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.9 | 5.4 | | | | 5.4 | 12.2 | 6.7 | | | 17.0 | 7440 |

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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | .7 | 1.1 | | | | 1.1 | 8.4 | 5.8 | | | 12.1 | 900 |
| | 03-05 | .9 | 2.3 | | | | 2.3 | 34.1 | 12.0 | | | 37.5 | 899 |
| | 06-08 | .9 | 2.4 | | | | 2.4 | 30.6 | 25.6 | | | 45.4 | 900 |
| | 09-11 | 2.0 | 2.1 | | | | 2.1 | 1.7 | 14.7 | | | 15.9 | 900 |
| | 12-14 | 6.3 | 6.6 | | | | 6.6 | .6 | 11.0 | | | 11.4 | 900 |
| | 15-17 | 11.4 | 8.1 | | | | 8.1 | 1.2 | 9.8 | | | 10.8 | 900 |
| | 18-20 | 5.6 | 5.6 | | | | 5.6 | 2.0 | 7.0 | | | 8.4 | 900 |
| | 21-23 | 2.2 | 1.9 | | | | 1.9 | 2.7 | 3.3 | | | 5.3 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.8 | 3.8 | | | | 3.8 | 10.2 | 11.2 | | | 18.4 | 7199 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | .8 | 2.8 | | | | 2.8 | 12.8 | 6.9 | | | 17.0 | 929 |
| | 03-05 | | 2.6 | | | | 2.6 | 40.2 | 13.0 | | | 43.2 | 930 |
| | 06-08 | .5 | 4.0 | | | | 4.0 | 36.9 | 29.0 | | | 53.0 | 930 |
| | 09-11 | 1.9 | 4.2 | | | | 4.2 | 3.5 | 20.1 | | | 21.9 | 930 |
| | 12-14 | 9.6 | 9.2 | | | | 9.2 | 1.0 | 17.0 | | | 18.0 | 930 |
| | 15-17 | 13.4 | 10.6 | | | | 10.6 | .9 | 16.9 | | | 17.5 | 930 |
| | 18-20 | 8.4 | 9.6 | | | | 9.6 | 3.4 | 13.8 | | | 16.5 | 930 |
| | 21-23 | 3.7 | 5.2 | | | | 5.2 | 3.3 | 5.3 | | | 7.7 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 4.8 | 6.0 | | | | 6.0 | 12.8 | 15.3 | | | 24.4 | 7439 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 1.2 | 1.6 | | | | 1.6 | 14.7 | 5.5 | | | 18.1 | 930 |
| | 03-05 | .5 | 1.1 | | | | 1.1 | 41.9 | 11.1 | | | 45.7 | 929 |
| | 06-08 | | 1.9 | | | | 1.9 | 43.5 | 27.1 | | | 57.4 | 930 |
| | 09-11 | 1.1 | 2.7 | | | | 2.7 | 3.3 | 18.0 | | | 19.8 | 930 |
| | 12-14 | 8.4 | 9.4 | | | | 9.4 | .6 | 9.8 | | | 10.3 | 930 |
| | 15-17 | 9.6 | 9.9 | | | | 9.9 | 1.2 | 8.2 | | | 9.2 | 930 |
| | 18-20 | 7.8 | 9.6 | | | | 9.6 | 3.8 | 8.5 | | | 11.4 | 930 |
| | 21-23 | 1.0 | 1.8 | | | | 1.8 | 5.5 | 3.9 | | | 8.7 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.7 | 4.8 | | | | 4.8 | 14.3 | 11.5 | | | 22.6 | 7439 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | .3 | 4.0 | | | | 4.0 | 14.3 | 8.0 | | | 19.8 | 900 |
| | 03-05 | .7 | 4.7 | | | | 4.7 | 32.8 | 10.9 | | | 38.2 | 900 |
| | 06-08 | .7 | 5.1 | | | | 5.1 | 46.6 | 23.9 | | | 58.5 | 899 |
| | 09-11 | .9 | 5.7 | | | | 5.7 | 6.9 | 20.0 | | | 25.6 | 900 |
| | 12-14 | 3.2 | 8.1 | | | | 8.1 | 2.7 | 14.9 | | | 17.6 | 900 |
| | 15-17 | 6.0 | 8.9 | | | | 8.9 | 4.0 | 13.9 | | | 17.1 | 900 |
| | 18-20 | 4.0 | 7.4 | | | | 7.4 | 4.6 | 9.6 | | | 13.4 | 900 |
| | 21-23 | 1.0 | 5.1 | | | | 5.1 | 7.0 | 6.7 | | | 12.3 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 2.1 | 6.1 | | | | 6.1 | 14.9 | 13.5 | | | 25.3 | 7199 |

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | .4 | 4.1 | | | | 4.1 | 9.1 | .6 | | | 9.7 | 930 |
| | 03-05 | .3 | 4.5 | | | | 4.5 | 13.5 | 2.4 | | | 14.5 | 930 |
| | 06-08 | .3 | 5.6 | | | | 5.6 | 30.4 | 12.2 | | | 36.1 | 930 |
| | 09-11 | .5 | 4.8 | | | | 4.8 | 6.8 | 9.9 | | | 15.8 | 930 |
| | 12-14 | .5 | 5.8 | | | | 5.8 | 3.3 | 2.9 | | | 6.0 | 930 |
| | 15-17 | .2 | 3.8 | | | | 3.8 | 2.7 | 3.4 | | | 6.1 | 930 |
| | 18-20 | .2 | 3.4 | | | | 3.4 | 2.7 | .5 | | | 3.2 | 930 |
| | 21-23 | .1 | 2.6 | | | | 2.6 | 3.7 | .5 | | | 4.1 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 4.3 | | | | 4.3 | 9.0 | 4.1 | | | 11.9 | 7440 |

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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | .1 | 6.7 | | | | 6.7 | 17.9 | .2 | | | 18.0 | 899 |
| | 03-05 | .8 | 5.8 | | | | 5.8 | 21.9 | .4 | | | 22.1 | 900 |
| | 06-08 | .7 | 7.3 | | | | 7.3 | 34.2 | 5.0 | | | 37.2 | 900 |
| | 09-11 | | 6.7 | | | | 6.7 | 13.2 | 6.8 | | | 18.4 | 900 |
| | 12-14 | .2 | 6.8 | | | | 6.8 | 5.0 | 3.8 | | | 8.7 | 900 |
| | 15-17 | .8 | 6.1 | | | | 6.1 | 6.6 | 3.0 | | | 9.1 | 900 |
| | 18-20 | .4 | 5.1 | | | | 5.1 | 6.6 | .9 | | | 7.1 | 897 |
| | 21-23 | .2 | 4.5 | | | | 4.5 | 10.7 | .7 | | | 10.9 | 897 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .4 | 6.1 | | | | 6.1 | 14.5 | 2.6 | | | 16.4 | 7193 |

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

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

03850 — STATION
FT RUCKER AL — STATION NAME
68-70,73-79 — 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 | 1.3 | 9.9 | | .1 | | 10.0 | 13.3 | .1 | | | 13.4 | 930 |
| | 03-05 | .3 | 8.5 | | | | 8.5 | 17.3 | | | | 17.3 | 930 |
| | 06-08 | .5 | 8.6 | | | | 8.6 | 21.1 | 1.2 | | | 21.9 | 930 |
| | 09-11 | .6 | 8.0 | | | | 8.0 | 15.2 | 3.0 | | .3 | 15.9 | 930 |
| | 12-14 | .8 | 8.1 | | | | 8.1 | 8.1 | 1.7 | | | 9.7 | 929 |
| | 15-17 | .9 | 8.0 | | | | 8.0 | 7.3 | 1.8 | | .1 | 9.0 | 930 |
| | 18-20 | .8 | 6.8 | | | | 6.8 | 5.8 | .5 | | | 6.3 | 926 |
| | 21-23 | .6 | 7.0 | | | | 7.0 | 8.0 | .2 | | | 8.1 | 927 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .7 | 8.1 | | .0 | | 8.1 | 11.8 | 1.1 | | .1 | 12.7 | 7432 |

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

GLOBAL CLIMATOLOGY BRANCH
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# WEATHER CONDITIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | ALL | .5 | 10.7 | .1 | .5 | .0 | 11.2 | 17.0 | 2.3 | | | 18.6 | 7440 |
| FEB | | .8 | 8.4 | | .4 | .0 | 8.6 | 12.7 | 4.1 | | .5 | 16.4 | 6768 |
| MAR | | 2.7 | 9.6 | .1 | .2 | .1 | 9.9 | 13.9 | 2.2 | | .4 | 15.9 | 7440 |
| APR | | 1.9 | 5.9 | | | | 5.9 | 9.8 | 1.7 | | .6 | 11.4 | 7200 |
| MAY | | 2.9 | 5.4 | | | | 5.4 | 12.2 | 6.7 | | | 17.0 | 7440 |
| JUN | | 3.8 | 3.8 | | | | 3.8 | 10.2 | 11.2 | | | 18.4 | 7199 |
| JUL | | 4.8 | 6.0 | | | | 6.0 | 12.8 | 15.3 | | | 24.4 | 7439 |
| AUG | | 3.7 | 4.8 | | | | 4.8 | 14.3 | 11.5 | | | 22.6 | 7439 |
| SEP | | 2.1 | 6.1 | | | | 6.1 | 14.9 | 13.5 | | | 25.3 | 7199 |
| OCT | | .3 | 4.3 | | | | 4.3 | 9.0 | 4.1 | | | 11.9 | 7440 |
| NOV | | .4 | 6.1 | | | | 6.1 | 14.5 | 2.6 | | | 16.4 | 7193 |
| DEC | | .7 | 8.1 | | .0 | | 8.1 | 11.8 | 1.1 | | .1 | 12.7 | 7432 |
| TOTALS | | 2.1 | 6.6 | .0 | .1 | .0 | 6.7 | 12.8 | 6.4 | | .1 | 17.6 | 87629 |

# 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.



ST4 29080

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# WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

| 03850 | FT RUCKER AL | 54-80 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | DAILY | 6.5 | 45.8 | 1.0 | 2.7 | .1 | 47.1 | 48.9 | 18.0 | | | 52.7 | 806 |
| FEB | | 8.7 | 43.8 | .3 | 1.9 | .1 | 44.5 | 45.6 | 18.8 | | .1 | 50.5 | 735 |
| MAR | | 16.4 | 44.5 | .4 | 1.2 | .2 | 45.0 | 46.8 | 16.9 | | .6 | 50.2 | 806 |
| APR | | 14.5 | 32.9 | | | 1.0 | 32.9 | 45.0 | 16.2 | | .3 | 47.9 | 780 |
| MAY | | 24.2 | 35.9 | | | .2 | 35.9 | 52.8 | 25.1 | | | 55.4 | 805 |
| JUN | | 36.5 | 44.9 | | | | 44.9 | 54.4 | 32.4 | | | 59.6 | 780 |
| JUL | | 52.8 | 57.1 | | | | 57.1 | 59.1 | 31.4 | | | 62.9 | 805 |
| AUG | | 42.7 | 47.8 | | | .2 | 47.8 | 63.0 | 34.7 | | | 67.7 | 806 |
| SEP | | 19.5 | 39.1 | | | .1 | 39.1 | 57.2 | 32.0 | | | 61.3 | 778 |
| OCT | | 5.3 | 23.7 | | | | 23.7 | 40.9 | 22.6 | | | 45.4 | 819 |
| NOV | | 5.6 | 33.1 | | .2 | | 33.1 | 45.7 | 19.3 | | | 48.6 | 810 |
| DEC | | 5.2 | 39.3 | | .6 | | 39.5 | 42.4 | 12.0 | | | 44.9 | 806 |
| TOTALS | | 19.8 | 40.7 | .1 | .5 | .2 | 40.9 | 50.1 | 23.3 | | .1 | 53.9 | 9536 |

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# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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

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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION (FROM DAILY OBSERVATIONS)

[illegible] STATION | FT RUCKER AL STATION NAME | 54-80 YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | 02-.05 | 06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01.0-.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 52.5 | 14.4 | 2.1 | 5.2 | 2.6 | 8.6 | 4.5 | 5.6 | 3.9 | .7 | | | | 33.1 | 806 | 4.80 | 9.70 | .70 |
| FEB | 55.1 | 12.3 | 2.3 | 3.3 | 3.9 | 5.4 | 5.2 | 6.5 | 5.4 | .8 | | | | 32.8 | 735 | 5.26 | 9.97 | 1.08 |
| MAR | 57.9 | 13.4 | 1.9 | 4.7 | 2.2 | 5.5 | 5.9 | 6.1 | 5.9 | .7 | | | | 32.8 | 806 | 5.87 | 17.79 | .64 |
| APR | 66.7 | 10.3 | 1.3 | 2.7 | 2.1 | 3.6 | 3.4 | 4.1 | 4.7 | .5 | .3 | | | 23.1 | 780 | 4.82 | 14.52 | .59 |
| MAY | 73.3 | 5.9 | 1.9 | 3.6 | 3.1 | 4.6 | 5.3 | 4.5 | 2.9 | .9 | .1 | | | 26.3 | 806 | 4.20 | 11.67 | .05 |
| JUN | 74.1 | 13.1 | 2.2 | 5.0 | 4.2 | 6.7 | 4.9 | 5.9 | 3.1 | .9 | | | | 32.8 | 780 | 4.48 | 9.09 | .63 |
| JUL | 41.9 | 11.5 | 3.2 | 3.4 | 6.0 | 9.3 | 8.9 | 7.4 | 2.7 | .4 | | | | 46.4 | 806 | 4.89 | 11.31 | 1.68 |
| AUG | 51.5 | 1.8 | 2.1 | 7.3 | 4.0 | 9.2 | 7.6 | 4.3 | 2.9 | .4 | | | | 37.7 | 806 | 4.25 | 12.97 | 1.00 |
| SEP | 61.8 | 9.1 | 2.4 | 4.5 | 3.6 | 5.9 | 5.5 | 4.4 | 2.8 | .6 | .3 | | | 30.1 | 778 | 4.48 | 11.57 | 1.11 |
| OCT | 75.9 | 6.5 | 1.1 | 3.4 | 2.7 | 3.7 | 2.2 | 2.6 | 2.2 | .4 | .1 | | | 17.6 | 819 | 2.90 | 10.71 | .00 |
| NOV | 66.1 | 10.4 | 1.9 | 4.1 | 2.3 | 4.2 | 3.3 | 4.4 | 3.2 | .1 | | | | 23.6 | 810 | 3.17 | 6.87 | .13 |
| DEC | 60.0 | 9.4 | 1.7 | 5.0 | 3.6 | 6.6 | 4.7 | 4.6 | 3.5 | .7 | .1 | | | 30.5 | 806 | 4.48 | 9.11 | .84 |
| ANNUAL | 58.5 | 10.9 | 2.0 | 4.8 | 3.3 | 6.1 | 5.1 | 5.0 | 3.6 | .6 | .1 | | | 30.6 | 9539 | 53.60 | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL 54-80
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR. | APR. | MAY | JUN | JUL | AUG. | SEP | OCT | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * .03 | .44 | 1.10 | |
| 55 | .87 | 1.30 | .44 | 4.48 | 3.58 | 1.47 | 1.86 | 1.59 | .37 | .70 | .92 | .29 | 4.48 |
| 56 | 1.59 | 3.25 | 2.95 | 1.15 | 2.51 | .84 | 1.06 | .78 | 8.39 | .84 | .06 | 2.58 | 8.39 |
| 57 | .57 | .64 | 1.84 | 2.30 | .88 | 2.92 | .52 | .86 | 2.66 | 1.38 | 2.27 | .64 | 2.92 |
| 58 | 1.14 | 1.04 | 1.33 | 2.58 | .66 | 1.35 | .87 | .85 | 2.70 | .23 | .70 | .65 | 2.70 |
| 59 | 2.02 | 1.68 | 2.63 | .95 | 1.29 | .60 | 1.49 | 1.22 | .99 | 4.18 | .57 | 1.34 | 4.18 |
| 60 | .75 | 2.72 | 1.22 | 2.40 | 1.04 | .95 | 1.39 | 1.75 | 4.00 | .33 | .78 | .64 | 4.00 |
| 61 | 1.02 | 1.60 | 1.84 | 3.96 | 1.33 | 3.90 | 1.27 | 4.30 | .67 | .00 | .52 | 1.93 | 4.30 |
| 62 | 4.01 | 2.94 | 4.60 | 1.71 | .19 | 1.07 | 1.27 | 2.94 | 2.10 | 2.07 | 2.12 | 1.53 | 4.60 |
| 63 | 1.94 | 4.44 | .82 | 2.27 | .62 | 2.00 | 1.86 | .76 | 5.09 | .13 | 2.00 | 1.37 | 5.09 |
| 64 | 2.47 | 1.26 | 2.79 | 2.28 | 3.23 | 1.30 | 2.79 | 1.44 | 3.11 | 3.23 | 1.11 | 5.66 | 5.66 |
| 65 | 1.15 | 2.30 | 1.14 | .92 | .03 | .88 | .64 | 1.70 | 1.12 | 2.11 | .85 | .72 | 2.30 |
| 66 | 1.51 | 2.40 | .88 | 1.84 | 1.62 | 3.30 | .72 | .98 | 1.95 | .49 | 1.81 | 1.46 | 3.30 |
| 67 | 2.02 | 1.97 | .84 | .40 | 1.27 | 1.78 | 1.76 | .75 | .58 | 5.32 | 1.43 | 3.57 | 5.32 |
| 68 | 1.27 | .63 | 1.85 | 1.75 | 1.12 | .45 | .99 | 2.35 | .41 | .57 | 1.20 | 1.71 | 2.35 |
| 69 | .36 | 1.68 | 1.71 | .67 | 3.66 | 1.35 | 1.78 | .81 | 3.32 | .63 | .56 | 2.95 | 3.66 |
| 70 | 1.01 | 1.66 | 2.18 | .83 | .22 | 3.76 | .84 | 2.10 | .74 | 1.68 | .71 | 1.51 | 3.76 |
| 71 | .88 | 3.04 | 1.85 | 1.75 | 2.72 | .95 | .92 | 1.71 | 1.15 | .17 | 2.58 | 3.80 | 3.80 |
| 72 | .84 | 1.61 | 1.14 | .48 | 2.53 | 3.21 | .80 | .22 | .96 | 1.65 | 2.26 | 2.54 | 3.21 |
| 73 | 1.82 | 2.02 | 2.05 | 1.20 | 5.37 | 2.53 | .78 | 1.03 | 1.53 | .31 | 1.22 | 2.31 | 5.37 |
| 74 | 3.43 | 2.90 | 1.92 | 1.40 | .78 | 1.14 | 1.05 | 1.00 | .88 | .52 | 1.78 | .79 | 3.43 |
| 75 | 1.41 | .96 | 1.69 | 6.45 | 1.84 | 1.01 | 2.74 | 1.73 | 2.25 | 1.74 | 1.67 | .69 | 6.45 |
| 76 | 2.07 | 1.43 | 1.70 | 3.23 | 1.68 | .97 | 1.22 | .76 | .82 | 2.45 | 2.23 | 1.43 | 3.23 |
| 77 | 1.43 | 1.09 | 1.24 | .66 | .58 | 1.01 | 1.00 | 2.62 | 1.54 | 1.08 | 1.06 | .65 | 2.62 |
| 78 | 3.32 | 1.07 | 1.37 | 1.56 | 3.13 | 2.34 | 1.22 | 1.49 | .79 | TRACE | 1.94 | 1.71 | 3.32 |
| 79 | 3.00 | 2.34 | 1.49 | 1.82 | 1.02 | .77 | 2.69 | .67 | 2.14 | .25 | 1.49 | .90 | 3.00 |
| 80 | 1.66 | .49 | 4.35 | 1.84 | 1.12 | 1.28 | .36 | 1.46* | .60 | 2.38 | .95 | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | 1.675 | 1.864 | 1.860 | 1.957 | 1.693 | 1.659 | 1.303 | 1.457 | 2.010 | 1.325 | 1.305 | 1.710 | 4.058 |
| S D | .931 | .946 | .978 | 1.361 | 1.296 | 1.311 | .663 | .873 | 1.792 | 1.348 | .683 | 1.229 | 1.408 |
| TOTAL OBS. | 806 | 735 | 806 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9538 |

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)

03650 (STATION) FT RUCKER AL (STATION NAME) 54-80 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN. | JUL. | AUG. | SEP | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * .03 | 1.49 | 2.88 | |
| 55 | 2.69 | 3.03 | .64 | 7.83 | 5.47 | 3.14 | 5.39 | 2.58 | 1.28 | 1.31 | 1.46 | .84 | 35.66 |
| 56 | 3.36 | 7.15 | 7.39 | 1.79 | 4.87 | 2.77 | 5.21 | 2.41 | 11.57 | 1.99 | .13 | 9.11 | 57.75 |
| 57 | 1.60 | 1.81 | 4.02 | 7.04 | 5.23 | 6.74 | 2.49 | 1.76 | 10.41 | 2.05 | 5.59 | 1.33 | 50.07 |
| 58 | 4.57 | 3.46 | 4.42 | 5.22 | 1.48 | 5.03 | 6.32 | 3.76 | 7.47 | .64 | 1.75 | 2.85 | 46.97 |
| 59 | 5.03 | 5.75 | 5.72 | 2.78 | 5.34 | 1.78 | 4.55 | 3.77 | 3.89 | 10.71 | 1.35 | 3.13 | 53.85 |
| 60 | 2.77 | 7.88 | 4.36 | 8.56 | 2.27 | 3.64 | 4.38 | 4.51 | 7.15 | .95 | 1.33 | 2.52 | 50.32 |
| 61 | 3.55 | 5.86 | 7.52 | 8.28 | 2.60 | 6.85 | 4.24 | 12.97 | 1.55 | .00 | 1.44 | 5.69 | 60.55 |
| 62 | 7.90 | 7.49 | 7.92 | 4.58 | .37 | 5.28 | 4.38 | 4.68 | 4.47 | 4.33 | 5.26 | 4.56 | 61.22 |
| 63 | 5.53 | 6.51 | 1.98 | 3.22 | 2.12 | 9.09 | 6.66 | 2.16 | 7.38 | .13 | 3.93 | 4.48 | 53.19 |
| 64 | 7.49 | 5.33 | 5.92 | 7.52 | 4.13 | 4.10 | 8.65 | 5.90 | 4.22 | 7.20 | 3.21 | 8.25 | 71.92 |
| 65 | 2.02 | 6.67 | 6.24 | 1.71 | .05 | 2.91 | 3.49 | 5.12 | 4.55 | 3.36 | 1.56 | 2.23 | 39.91 |
| 66 | 6.78 | 9.97 | 2.29 | 3.14 | 7.03 | 5.25 | 2.77 | 3.95 | 3.42 | 1.35 | 4.42 | 5.86 | 56.23 |
| 67 | 5.13 | 4.55 | 2.26 | .59 | 2.96 | 5.13 | 4.26 | 1.39 | 1.11 | 10.28 | 1.49 | 6.86 | 46.01 |
| 68 | 3.16 | 2.72 | 3.01 | 3.83 | 2.85 | .63 | 4.80 | 6.30 | 1.28 | .68 | 4.76 | 5.74 | 39.76 |
| 69 | .70 | 4.33 | 5.99 | 2.52 | 7.59 | 1.95 | 7.91 | 2.58 | 5.48 | .89 | 1.40 | 6.61 | 47.95 |
| 70 | 3.29 | 5.28 | 9.29 | 1.55 | .48 | 7.91 | 3.76 | 7.61 | 1.71 | 6.12 | 1.47 | 3.81 | 52.28 |
| 71 | 2.03 | 8.87 | 5.33 | 5.89 | 6.24 | 3.27 | 6.11 | 4.91 | 1.48 | .25 | 3.41 | 7.34 | 55.13 |
| 72 | 3.28 | 5.14 | 5.75 | .64 | 4.41 | 6.89 | 1.68 | 1.00 | 1.62 | 1.76 | 6.87 | 7.39 | 46.42 |
| 73 | 7.20 | 4.69 | 11.52 | 4.29 | 11.67 | 8.35 | 2.89 | 3.21 | 4.43 | .71 | 2.79 | 8.92 | 70.67 |
| 74 | 7.28 | 7.50 | 4.59 | 3.97 | 3.03 | 4.59 | 4.57 | 5.04 | 3.03 | .69 | 3.59 | 2.45 | 50.33 |
| 75 | 4.87 | 4.11 | 5.87 | 14.52 | 6.79 | 4.47 | 11.31 | 4.22 | 4.41 | 5.32 | 4.91 | 2.45 | 73.25 |
| 76 | 4.18 | 2.76 | 7.32 | 4.46 | 6.17 | 4.23 | 2.24 | 2.47 | 3.40 | 9.17 | 6.68 | 3.59 | 56.67 |
| 77 | 5.16 | 2.52 | 6.30 | 1.60 | .98 | 2.49 | 5.07 | 8.85 | 5.33 | 1.87 | 4.98 | 2.48 | 47.63 |
| 78 | 9.70 | 3.21 | 5.48 | 4.73 | 7.36 | 5.24 | 4.74 | 3.24 | 1.55 | TRACE | 3.13 | 2.18 | 50.56 |
| 79 | 9.55 | 9.21 | 3.67 | 6.42 | 3.25 | 1.17 | 7.51 | 2.17 | 9.82 | .38 | 5.34 | 2.80 | 61.29 |
| 80 | 6.05 | 1.08 | 17.79 | 8.67 | 4.57 | 3.64 | 1.70 | 3.89 | * 3.43 | 3.22 | 1.93 | | |
| | | | | | | | | | | | | | |
| MEAN | 4.805 | 5.265 | 5.869 | 4.821 | 4.204 | 4.482 | 4.888 | 4.248 | 4.480 | 2.898 | 3.173 | 4.475 | 53.424 |
| S D | 2.400 | 2.370 | 3.398 | 3.177 | 2.716 | 2.197 | 2.236 | 2.577 | 3.020 | 3.263 | 1.681 | 2.432 | 9.531 |
| TOTAL OBS. | 806 | 735 | 806 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9538 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 84 0 88 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL (FROM DAILY OBSERVATIONS)

03[illegible] FT RUCKER AL 54-8[illegible]
STATION STATION NAME YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | 02-05 | 06-10 | 11-.25 | 26-50 | 51-100 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01.0.4 | 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 | 97.[illegible] | 2.[illegible] | .1 | | | .1 | | | | | | | | .2 | 3[illegible]6 | .1 | 2.9 | .0 |
| FEB | 98.1 | 1.[illegible] | | .3 | | | .1 | | | | | | | .4 | 735 | .2 | 4.9 | .0 |
| MAR | 99.[illegible] | .[illegible] | .2 | | | | | | | | | | | .2 | 806 | TRACE | .4 | .0 |
| APR | 1[illegible]0.[illegible] | | | | | | | | | | | | | | 780 | .0 | .0 | .0 |
| MAY | 1[illegible]0.[illegible] | | | | | | | | | | | | | | 8[illegible]6 | .0 | .0 | .0 |
| JUN | 1.0.[illegible] | | | | | | | | | | | | | | 780 | .0 | .0 | .0 |
| JUL | 1 0.[illegible] | | | | | | | | | | | | | | 806 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 806 | .0 | .0 | .0 |
| SEP | 100.[illegible] | | | | | | | | | | | | | | 778 | .0 | .0 | .0 |
| OCT | 1 0.0 | | | | | | | | | | | | | | 819 | .0 | .0 | .0 |
| NOV | 99.[illegible] | .[illegible] | | | | | | | | | | | | | 810 | TRACE | TRACE | .0 |
| DEC | 99.3 | .7 | | | | | | | | | | | | | 806 | TRACE | TRACE | .0 |
| ANNUAL | 99.[illegible] | .[illegible] | .[illegible] | .0 | | .[illegible] | .[illegible] | | | | | | | .1 | 9538 | .3 | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

03850 (STATION) FT RUCKER AL (STATION NAME) 54-80 (YEARS)

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR. | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * .0 | .0 | .0 | |
| 55 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 56 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 57 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 58 | TRACE | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 |
| 59 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 60 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 64 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 65 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 66 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 68 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 69 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 70 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 71 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 72 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 73 | TRACE | 4.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.1 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 75 | .0 | .0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .4 |
| 76 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 77 | 2.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.9 |
| 78 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 79 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 80 | .0 | .0 | .3 | .0 | .0 | .0 | .0 | .0 * | .0 | .0 | .0 | | |
| MEAN | .12 | .18 | .03 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | TRACE | .33 |
| S D | .569 | .806 | .196 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .980 |
| TOTAL OBS | 806 | 735 | 806 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 906 | 9539 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

03850 STATION | FT RUCKER AL STATION NAME | 54-80 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL. | AUG | SEP | OCT | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * .0 | .0 | .0 | |
| 55 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 56 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 57 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 58 | TRACE | .5 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .5 |
| 59 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 60 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 63 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 64 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 65 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 66 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 67 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 68 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 69 | .0 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 70 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | TRACE |
| 71 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 72 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 73 | TRACE | 4.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.9 |
| 74 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 75 | .0 | .0 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .0 | .4 |
| 76 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 77 | 2.9 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.9 |
| 78 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 79 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 80 | .0 | .0 | .3 | .0 | .0 | .0 | .0 | .0 | * .0 | .0 | .0 | | |
| | | | | | | | | | | | | | |
| MEAN | .12 | .21 | .03 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | TRACE | .36 |
| S D | .569 | .962 | .096 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.112 |
| TOTAL OBS | 806 | 735 | 806 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9538 |

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH (FROM DAILY OBSERVATIONS)

03850 STATION | FT RUCKER AL STATION NAME | 54-80 YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | .02-.05 | 06-.10 | .11-.25 | .26-.50 | .51-1.00 | 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 | 99.5 | .4 | | .1 | | | | | | | | | | .1 | 806 | | | |
| FEB | 99.7 | .1 | | | | .1 | | | | | | | | .1 | 735 | | | |
| MAR | 99.4 | .1 | | | | | | | | | | | | | 806 | | | |
| APR | 100. | | | | | | | | | | | | | | 780 | | | |
| MAY | 100. | | | | | | | | | | | | | | 806 | | | |
| JUN | 100. | | | | | | | | | | | | | | 780 | | | |
| JUL | 100. | | | | | | | | | | | | | | 806 | | | |
| AUG | 100. | | | | | | | | | | | | | | 806 | | | |
| SEP | 100. | | | | | | | | | | | | | | 778 | | | |
| OCT | 100. | | | | | | | | | | | | | | 819 | | | |
| NOV | 100. | | | | | | | | | | | | | | 810 | | | |
| DEC | 100. | | | | | | | | | | | | | | 806 | | | |
| ANNUAL | 99.9 | | | .0 | | .0 | | | | | | | | .0 | 9538 | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL 54-80

STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL. | AUG. | SEP | OCT | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | 0 | 0 | 0 | |
| 55 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 57 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 58 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 71 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 73 | 0 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 74 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 75 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 76 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 77 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 |
| 78 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 79 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 80 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | | |
| MEAN | .1 | .2 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| S D | .392 | .981 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.061 |
| TOTAL OBS | 806 | 735 | 806 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9538 |

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 mean [illegible] measurements from incomplete months.

C



74 2962

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES.

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL 54-80
STATION STATION NAME YEARS

## DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN. | FEB | MAR. | APR | MAY | JUN | JUL | AUG. | SEP. | OCT. | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | | | | |
| 55 | | | | | | | | | | | N 29 | N *28 | |
| 56 | N 28 | SW 37 | NW 33 | WNW 43 | N 42 | SSW 25 | SSW 29 | ENE 22 | NE 38 | ESE 23 | NW 26 | NNW 27 | WNW 43 |
| 57 | WSW 27 | WSW 26 | E 32 | S 30 | N 29 | SSW 27 | NNW 37 | W 32 | SE 22 | NNW 22 | S 34 | NW 38 | NW 38 |
| 58 | WNW 30 | W 35 | W 27 | E 38 | W 30 | SSW*23 | SW 25 | NNW*20 | W 36 | WNW 16 | NNW 45 | SE*14 | NNW 45 |
| 59 | WSW 40 | W 21 | SSE 32 | S 26 | NNW 43 | SSW 29 | W 38 | S 26 | E 34 | WSW 30 | WNW 28 | WNW 30 | NNW 43 |
| 60 | ESE 34 | WSW 39 | WSW 34 | SE 30 | WSW 30 | WNW 40 | NNW 39 | S 37 | NNE 27 | SSE 24 | NW 23 | NW 32 | WNW 40 |
| 61 | NW 34 | WSW 35 | SSE 49 | WNW 49 | SSW 27 | N 36 | NW*24 | SE *29 | WSW*17 | N *23 | WSW 37 | WSW 36 | SSE 49 |
| 62 | W 36 | WNW 30 | NNW 35 | NNW 40 | NNW 23 | W 34 | WSW 50 | W 32 | ENE 25 | N *28 | NNW*22 | W 25 | WSW 50 |
| 63 | NNW 36 | NNE 46 | SW *30 | W 38 | N 24 | W 36 | W 25 | WNW 25 | ENE 21 | NW 21 | WNW 30 | W 23 | NNE 46 |
| 64 | WNW 35 | W 31 | S 39 | W 43 | SSW 27 | NNE 30 | SSW 32 | SSW 30 | N 29 | SW 33 | N 30 | SSW 38 | W 43 |
| 65 | SSW 36 | W 40 | S 51 | N 27 | WSW*20 | SSW 27 | W *24 | F 31 | E 30 | N 24 | SSW*26 | N 29 | S 51 |
| 66 | WNW 34 | WSW 37 | WNW 40 | WSW 35 | S 37 | N 31 | NNE 30 | SSW 25 | W 31 | WNW 23 | WNW 30 | NW 26 | WNW 40 |
| 67 | SSW 25 | NW 25 | S 26 | SSW 24 | W 33 | N 32 | S 32 | WSW 24 | ESE 22 | ESE 21 | SW *28 | NNW 23 | W 33 |
| 68 | WSW 24 | WNW 26 | SW 32 | NNW 38 | NNW 28 | N 26 | 34* 32 | 24/ 52 | 14/ 20 | 33/ 23 | 31/ 30 | 31/ 37 | 24/ 52 |
| 69 | 36/ 25 | 10/ 36 | 16/ 39 | 21/ 37 | 31/ 27 | 23/ 46 | 35/ 36 | 13/ 32 | 8/ 31 | 17/ 26 | 34/ 28 | 24/ 35 | 23/ 46 |
| 70 | 33/ 27 | 33/ 33 | 12/ 36 | 30/ 37 | 12/ 22 | 3/ 22 | 31/ 27 | 16/ 45 | 34/ 26 | 12/ 18 | 26/ 27 | 20/ 32 | 16/ 45 |
| 71 | 32/ 40 | 17/ 44 | 30/ 37 | 33/ 53 | 23/ 51 | 31/ 44 | 20/ 24 | 16* 32 | 4* 12 | 33/ 20 | 36/ 21 | 36/ 24 | 33/ 53 |
| 72 | 23/ 26 | 32/ 31 | 27/ 64 | 25/ 39 | 31/ 26 | 30/ 34 | 9/ 36 | 8/ 24 | 20/ 27 | 7/ 22 | 12/ 30 | 33/ 26 | 27/ 64 |
| 73 | 13/ 26 | 33/ 27 | 20/ 38 | 19/ 32 | 24/ 62 | 36/ 50 | 30/ 30 | 13/ 34 | 12/ 26 | 27/ 21 | 32/ 32 | 18/ 35 | 24/ 62 |
| 74 | 21/ 34 | 20/ 37 | 30/ 31 | 30* 45 | 13/ 26 | 27/ 33 | 36/ 32 | 21/ 36 | 27/ 24 | 36/ 20 | 27/ 40 | 30/ 27 | 30* 45 |
| 75 | 19/ 38 | 21* 35 | 22/ 37 | 31/ 33 | 24/ 50 | 20/ 32 | 12/ 32 | 12/ 37 | 15/ 71 | 17/ 39 | 31/ 26 | 15/ 31 | 15/ 71 |
| 76 | 32/ 26 | 19/ 33 | 26/ 40 | 25/ 27 | 25/ 31 | 34/ 26 | 8/ 29 | 33/ 40 | 28/ 23 | 32/ 24 | 30/ 23 | 33/ 29 | 26/ 40 |
| 77 | 31/ 30 | 29/ 56 | 28/ 31 | 19/ 36 | 24/ 23 | 31/ 52 | 5/ 31 | 17/ 38 | 12/ 42 | 29/ 42 | 30/ 27 | 23/ 28 | 29/ 56 |
| 78 | 22/ 40 | 22/ 31 | 18/ 29 | 28/ 49 | 31/ 30 | 26/ 30 | 15/ 27 | 11/ 23 | 13/ 20 | 33/ 22 | 18/ 24 | 31/ 38 | 28/ 48 |
| 79 | 28/ 39 | 26/ 29 | 13/ 29 | 30/ 42 | 27/ 28 | 14/ 25 | 36/ 27 | 9/ 24 | 13/ 30 | 33/ 27 | 17/ 23 | 35/ 29 | 30/ 42 |
| 80 | 33/ 27 | 32/ 31 | 33/ 35 | 33/ 42 | 19/ 33 | 30/ 27 | 3/ 31 | 4/ 23 | 1/ 33 | 30/ 29 | 7/ 26 | | |
| | | | | | | | | | | | | | |
| MEAN | 31.9 | 34.0 | 36.5 | 36.5 | 32.6 | 33.1 | 31.8 | 31.5 | 30.0 | 24.8 | 29.1 | 30.3 | 46.4 |
| S D | 5.472 | 7.599 | 8.393 | 7.701 | 10.112 | 8.086 | 5.895 | 8.010 | 10.760 | 6.266 | 5.696 | 5.013 | 8.309 |
| TOTAL OBS | 771 | 694 | 765 | 743 | 761 | 738 | 757 | 734 | 700 | 750 | 769 | 765 | 8947 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 5.2 | 3.8 | .8 | | | | | | | | 11.7 | 6.0 |
| NNE | 1.9 | 2.0 | .2 | | | | | | | | | 4.2 | 3.7 |
| NE | 2.6 | 2.5 | .5 | .1 | | | | | | | | 5.7 | 4.2 |
| ENE | 2.2 | 2.5 | .9 | | | | | | | | | 5.5 | 4.1 |
| E | 1.2 | 2.5 | 1.7 | | | | | | | | | 5.4 | 5.4 |
| ESE | 1.8 | .6 | .9 | | | | | | | | | 3.3 | 4.2 |
| SE | .8 | 1.9 | .8 | | | | | | | | | 3.4 | 5.0 |
| SSE | .6 | 1.5 | .8 | | | | | | | | | 2.9 | 5.3 |
| S | 2.0 | 1.5 | .4 | .1 | | | | | | | | 4.1 | 4.1 |
| SSW | 1.2 | 1.6 | 1.0 | .1 | | | | | | | | 3.9 | 5.2 |
| SW | .6 | 1.3 | .2 | .2 | | | | | | | | 2.4 | 5.0 |
| WSW | 1.0 | 1.1 | .1 | .2 | .1 | | | | | | | 2.5 | 5.2 |
| W | 1.5 | 1.3 | .4 | .3 | | | | | | | | 3.5 | 5.0 |
| WNW | .8 | 1.7 | 1.6 | .5 | .4 | | | | | | | 5.1 | 7.6 |
| NW | 2.4 | 4.3 | 2.4 | 1.0 | | | | | | | | 10.0 | 6.0 |
| NNW | 1.5 | 3.4 | 1.8 | .4 | | | | | | | | 7.2 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.2 | |
| | 24.1 | 34.9 | 17.4 | 3.8 | .5 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 4.6 | 2.6 | .6 | | | | | | | | 10.2 | 5.5 |
| NNE | 1.8 | 2.9 | 1.2 | | | | | | | | | 5.9 | 4.5 |
| NE | 2.6 | 5.1 | .4 | | | | | | | | | 8.1 | 4.2 |
| ENE | 2.5 | 3.7 | .8 | .1 | | | | | | | | 7.0 | 4.3 |
| E | 1.6 | 1.9 | 2.2 | | | | | | | | | 5.7 | 5.5 |
| ESE | .6 | 1.8 | .5 | .1 | | | | | | | | 3.1 | 5.4 |
| SE | .5 | 1.6 | 1.1 | | | | | | | | | 3.2 | 5.5 |
| SSE | .2 | .9 | .5 | .1 | | | | | | | | 1.7 | 5.8 |
| S | 2.0 | 1.5 | .1 | | | | | | | | | 3.7 | 3.5 |
| SSW | .9 | .6 | .1 | .1 | | .1 | | | | | | 1.8 | 5.4 |
| SW | .8 | .9 | .3 | .4 | | | | | | | | 2.4 | 6.0 |
| WSW | 1.3 | 1.1 | .4 | .1 | | | | | | | | 2.9 | 4.4 |
| W | 1.0 | 1.5 | .3 | 1.2 | .1 | | | | | | | 4.1 | 7.2 |
| WNW | .9 | 2.2 | .6 | 1.0 | | | | | | | | 4.6 | 6.6 |
| NW | 1.4 | 3.4 | 2.6 | 1.6 | .2 | | | | | | | 9.2 | 7.2 |
| NNW | 1.2 | 3.4 | 2.6 | .8 | | | | | | | | 8.0 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 21.6 | 37.1 | 16.3 | 6.1 | .3 | .1 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 3.8 | 2.7 | .5 | | | | | | | | 8.5 | 5.9 |
| NNE | 1.9 | 3.3 | 1.4 | .2 | | | | | | | | 6.9 | 5.0 |
| NE | 3.8 | 3.9 | .9 | | | | | | | | | 8.5 | 3.9 |
| ENE | 2.3 | 3.9 | 1.6 | .1 | | | | | | | | 7.8 | 4.8 |
| E | 2.3 | 2.9 | 2.3 | .1 | | | | | | | | 7.5 | 5.2 |
| ESE | .9 | 1.1 | 1.1 | | | | | | | | | 3.0 | 5.0 |
| SE | .5 | 1.5 | 1.1 | .1 | | | | | | | | 3.2 | 5.7 |
| SSE | .8 | 1.1 | 1.1 | .2 | | | | | | | | 3.1 | 5.9 |
| S | 1.6 | 1.8 | .6 | .1 | | | | | | | | 4.2 | 4.3 |
| SSW | .8 | .4 | | | | | | | | | | 1.4 | 3.6 |
| SW | 1.1 | .4 | | .1 | | | | | | | | 1.6 | 4.1 |
| WSW | .9 | 1.1 | .4 | | .1 | | | | | | | 2.5 | 5.2 |
| W | 1.0 | 1.4 | 1.1 | .4 | | | | | | | | 3.9 | 6.4 |
| WNW | .5 | 2.0 | 1.0 | .6 | | | | | | | | 4.2 | 6.8 |
| NW | .9 | 2.8 | 1.8 | 2.3 | .1 | | | | | | | 7.8 | 8.3 |
| NNW | 1.6 | 3.7 | 2.7 | 1.1 | | | | | | | | 9.0 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.8 | |
| | 22.2 | 35.3 | 19.7 | 5.9 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS) C900-1100 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.5 | 3.1 | 1.1 | .2 | | | | | | | 9.2 | 7.0 |
| NNE | 1.0 | 3.5 | 1.6 | .2 | | | | | | | | 6.3 | 5.6 |
| NE | 1.5 | 2.4 | .4 | | | | | | | | | 4.3 | 4.2 |
| ENE | 2.2 | 3.0 | 3.0 | .2 | | | | | | | | 8.4 | 5.5 |
| E | 2.7 | 4.8 | 3.2 | .3 | | | | | | | | 11.1 | 5.4 |
| ESE | 1.3 | 2.6 | 1.7 | .4 | | | | | | | | 6.0 | 6.2 |
| SE | .8 | 1.4 | 1.2 | .5 | | | | | | | | 3.9 | 6.8 |
| SSE | .5 | 1.2 | 1.8 | | | | | | | | | 3.5 | 6.5 |
| S | .6 | 2.3 | 2.4 | .3 | | | | | | | | 5.6 | 6.7 |
| SSW | .9 | 1.8 | 1.0 | .1 | | | | | | | | 3.8 | 5.3 |
| SW | .1 | 1.1 | 1.0 | .1 | | | | | | | | 2.3 | 6.2 |
| WSW | .5 | 1.1 | .3 | .3 | | | | | | | | 2.3 | 5.8 |
| W | 1.1 | 1.3 | 2.4 | .4 | | | | | | | | 5.2 | 6.8 |
| WNW | .9 | 1.3 | 2.5 | .8 | .1 | | | | | | | 5.5 | 7.6 |
| NW | .1 | 1.6 | 3.2 | 2.6 | .2 | | | | | | | 7.7 | 9.5 |
| NNW | 1.5 | 2.2 | 4.3 | 1.6 | .1 | | | | | | | 9.7 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 16.9 | 35.1 | 33.1 | 9.0 | .6 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03816 FT RUCKER AL 69-70,73-80 JAN
STATION STATION NAME YEARS MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 3.0 | 3.2 | 1.1 | | | | | | | | 9.1 | 6.4 |
| NNE | .5 | 1.9 | .4 | .1 | | | | | | | | 3.1 | 5.0 |
| NE | .6 | .8 | .9 | | | | | | | | | 2.3 | 5.3 |
| ENE | 1.5 | 2.4 | 1.5 | .2 | | | | | | | | 5.6 | 5.4 |
| E | 1.8 | 2.4 | 2.9 | .2 | | | | | | | | 7.3 | 5.6 |
| ESE | .6 | 1.3 | 1.1 | | | | | | | | | 3.0 | 5.5 |
| SE | .3 | 2.4 | 1.2 | .1 | | | | | | | | 4.0 | 5.9 |
| SSE | 1.4 | 1.9 | 1.9 | .1 | | | | | | | | 5.4 | 5.8 |
| S | 1.1 | 2.9 | 2.9 | 1.3 | .1 | | | | | | | 8.3 | 7.3 |
| SSW | 1.0 | 1.0 | 2.9 | 1.2 | .5 | | | | | | | 6.6 | 9.0 |
| SW | .6 | 1.2 | .9 | .6 | | | | | | | | 3.3 | 7.2 |
| WSW | .5 | 1.4 | 1.1 | 1.0 | | | | | | | | 4.0 | 7.4 |
| W | 1.0 | 2.4 | 1.8 | 1.1 | | | | | | | | 6.2 | 7.2 |
| WNW | .6 | 2.0 | 3.2 | 1.9 | .1 | | | | | | | 8.0 | 8.5 |
| NW | .4 | 2.6 | 3.5 | 3.0 | .6 | | | | | | | 10.2 | 9.5 |
| NNW | .8 | 3.3 | 3.9 | 1.8 | | | | | | | | 9.8 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 14.8 | 32.8 | 33.3 | 13.8 | 1.4 | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 3.5 | 3.7 | .8 | | | | | | | | 9.7 | 6.4 |
| NNE | 1.5 | 1.7 | .3 | .1 | | | | | | | | 3.7 | 4.5 |
| NE | 1.3 | 1.5 | .4 | | | | | | | | | 3.2 | 4.1 |
| ENE | 2.4 | 1.5 | .6 | | | | | | | | | 4.5 | 4.0 |
| E | 2.4 | 3.0 | 1.8 | .1 | | | | | | | | 7.3 | 5.2 |
| ESE | 1.3 | 1.1 | 1.2 | | | | | | | | | 3.5 | 4.8 |
| SE | 1.2 | .8 | .4 | .2 | | | | | | | | 2.6 | 5.1 |
| SSE | 1.5 | 2.0 | .8 | .1 | .1 | | | | | | | 4.5 | 5.1 |
| S | 1.8 | 2.7 | 2.7 | .6 | .2 | | | | | | | 8.1 | 6.3 |
| SSW | 1.0 | 2.0 | 2.3 | .8 | .2 | | | | | | | 6.2 | 7.2 |
| SW | 1.0 | 1.1 | .4 | 1.3 | .2 | .1 | | | | | | 4.1 | 8.4 |
| WSW | .9 | 1.2 | 1.2 | .1 | | | | | | | | 3.3 | 5.6 |
| W | .9 | 1.5 | 1.2 | .4 | | | | | | | | 4.0 | 6.3 |
| WNW | .3 | 2.5 | 2.9 | 1.6 | | | | | | | | 7.3 | 8.2 |
| NW | .9 | 2.0 | 4.3 | 2.2 | .1 | | | | | | | 9.5 | 8.4 |
| NNW | 1.2 | 3.9 | 4.3 | 1.7 | .1 | | | | | | | 11.2 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.3 | |
| | 21.1 | 32.0 | 28.5 | 10.0 | 1.0 | .1 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 5.6 | 1.0 | .8 | | | | | | | | 10.2 | 5.0 |
| NNE | 1.5 | 1.6 | .2 | | | | | | | | | 3.3 | 3.8 |
| NE | 1.3 | 1.5 | .2 | | | | | | | | | 3.0 | 3.9 |
| ENE | 2.8 | 2.6 | .2 | | | | | | | | | 5.6 | 3.4 |
| E | 2.7 | 2.0 | 2.2 | .1 | | | | | | | | 7.0 | 5.0 |
| ESE | .4 | .8 | .1 | | | | | | | | | 1.3 | 4.5 |
| SE | 1.4 | .5 | .5 | | | | | | | | | 2.5 | 4.4 |
| SSE | 1.7 | .9 | .3 | .1 | | | | | | | | 3.0 | 4.0 |
| S | 2.6 | 2.6 | 1.3 | .4 | .1 | | | | | | | 7.0 | 5.2 |
| SSW | 1.3 | 2.7 | 1.4 | .2 | | | | | | | | 5.6 | 5.4 |
| SW | .9 | 1.3 | .8 | .3 | .1 | .1 | | | | | | 3.4 | 6.8 |
| WSW | .4 | .6 | .1 | .1 | | | | | | | | 1.3 | 5.3 |
| W | .6 | .9 | .1 | .1 | | | | | | | | 1.7 | 4.4 |
| WNW | 1.1 | 1.7 | 2.3 | .9 | | | | | | | | 5.9 | 6.7 |
| NW | 1.9 | 3.7 | 4.2 | 1.4 | | | | | | | | 11.2 | 6.9 |
| NNW | 2.3 | 6.1 | 2.4 | .9 | | | | | | | | 11.6 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.3 | |
| | 25.8 | 35.1 | 17.2 | 5.3 | .2 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.8 | 1.6 | 1.0 | | | | | | | | 8.4 | 5.8 |
| NNE | 1.4 | 1.7 | .2 | | | | | | | | | 3.3 | 3.9 |
| NE | 1.5 | 2.3 | .3 | | | | | | | | | 4.1 | 4.1 |
| ENE | 1.9 | 2.6 | .6 | | | | | | | | | 5.2 | 4.0 |
| E | 1.5 | 3.2 | 1.9 | .2 | | | | | | | | 6.9 | 5.4 |
| ESE | .6 | 1.1 | .8 | .1 | | | | | | | | 2.6 | 5.6 |
| SE | 1.8 | 1.6 | .5 | | | | | | | | | 4.0 | 3.9 |
| SSE | 1.3 | 1.7 | .6 | | | | | | | | | 3.7 | 4.6 |
| S | 2.0 | 3.4 | 1.1 | | | | | | | | | 6.6 | 4.4 |
| SSW | 1.3 | 1.7 | 1.3 | .1 | | | | | | | | 4.4 | 5.5 |
| SW | .3 | 1.3 | .5 | .1 | .1 | | | | | | | 2.4 | 6.1 |
| WSW | .9 | .9 | | .1 | .1 | | | | | | | 1.9 | 4.8 |
| W | 1.1 | 1.7 | .3 | .1 | .1 | | | | | | | 3.3 | 5.0 |
| WNW | 1.1 | 1.8 | .9 | .6 | .1 | .1 | | | | | | 4.6 | 6.9 |
| NW | 2.0 | 4.6 | 2.4 | 1.8 | | | | | | | | 10.9 | 6.5 |
| NNW | 1.7 | 3.9 | 2.6 | .9 | | | | | | | | 9.0 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.8 | |
| | 22.6 | 37.3 | 15.7 | 5.1 | .4 | .1 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 4.1 | 2.7 | .8 | .0 | | | | | | | 9.6 | 6.0 |
| NNE | 1.5 | 2.4 | .7 | .1 | | | | | | | | 4.6 | 4.6 |
| NE | 1.9 | 2.5 | .5 | .0 | | | | | | | | 4.9 | 4.1 |
| ENE | 2.2 | 2.8 | 1.2 | .1 | | | | | | | | 6.2 | 4.5 |
| E | 2.0 | 2.8 | 2.3 | .1 | | | | | | | | 7.3 | 5.3 |
| ESE | 1.0 | 1.3 | .9 | .1 | | | | | | | | 3.2 | 5.3 |
| SE | .9 | 1.5 | .8 | .1 | | | | | | | | 3.3 | 5.3 |
| SSE | 1.0 | 1.4 | 1.0 | .1 | .0 | | | | | | | 3.5 | 5.4 |
| S | 1.7 | 2.3 | 1.4 | .4 | .1 | | | | | | | 5.9 | 5.5 |
| SSW | 1.0 | 1.5 | 1.2 | .3 | .1 | .0 | | | | | | 4.2 | 6.3 |
| SW | .7 | 1.1 | .5 | .4 | .1 | .0 | | | | | | 2.7 | 6.5 |
| WSW | .8 | 1.0 | .5 | .2 | .0 | | | | | | | 2.6 | 5.6 |
| W | 1.0 | 1.5 | 1.0 | .5 | .0 | | | | | | | 4.0 | 6.3 |
| WNW | .8 | 1.9 | 1.9 | 1.0 | .1 | .0 | | | | | | 5.6 | 7.5 |
| NW | 1.2 | 3.1 | 3.1 | 2.0 | .2 | | | | | | | 9.6 | 7.7 |
| NNW | 1.5 | 3.7 | 3.1 | 1.1 | .0 | | | | | | | 9.4 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.3 | |
| | 21.1 | 34.9 | 22.7 | 7.4 | .6 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03880 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 4.8 | 2.2 | .6 | | | | | | | | 9.3 | 5.6 |
| NNE | 2.7 | 1.7 | .7 | | | | | | | | | 5.1 | 3.9 |
| NE | 3.0 | 1.9 | | | | | | | | | | 4.8 | 3.1 |
| ENE | 1.2 | 1.4 | .4 | .1 | | | | | | | | 3.1 | 4.3 |
| E | 1.7 | 1.5 | 1.7 | .4 | | | | | | | | 5.2 | 5.7 |
| ESE | 1.2 | | .1 | | | | | | | | | 1.3 | 3.2 |
| SE | 1.1 | .9 | .2 | | | | | | | | | 2.2 | 4.2 |
| SSE | .5 | .7 | .9 | .1 | | | | | | | | 2.2 | 6.2 |
| S | 2.0 | 2.7 | 1.5 | 1.1 | | | | | | | | 7.3 | 5.8 |
| SSW | 1.3 | 2.4 | 1.1 | .2 | | | | | | | | 5.0 | 5.3 |
| SW | 1.7 | 2.1 | .7 | .1 | | | | | | | | 4.6 | 4.7 |
| WSW | 1.4 | 2.2 | .5 | | | | | | | | | 4.1 | 4.5 |
| W | 1.5 | 1.7 | .5 | .1 | | | | | | | | 3.8 | 4.5 |
| WNW | 1.1 | 2.1 | .9 | .4 | | | | | | | | 4.5 | 5.4 |
| NW | 2.6 | 2.1 | 2.0 | .9 | .2 | | | | | | | 7.9 | 6.3 |
| NNW | 2.6 | 3.3 | 2.4 | 1.1 | | | | | | | | 9.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.1 | |
| | 27.1 | 31.7 | 15.8 | 5.1 | .2 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 4.1 | 3.2 | .5 | | | | | | | | 10.0 | 5.7 |
| NNE | 2.2 | 2.8 | .2 | .1 | | | | | | | | 5.4 | 4.1 |
| NE | 3.0 | 3.1 | .2 | | | | | | | | | 6.3 | 3.6 |
| ENE | 1.4 | 2.5 | .5 | | | | | | | | | 4.4 | 4.2 |
| E | .9 | 1.7 | 1.4 | | .1 | | | | | | | 4.1 | 5.5 |
| ESE | .9 | 1.3 | .5 | .1 | .1 | | | | | | | 3.0 | 5.7 |
| SE | .8 | .5 | | | | | | | | | | 1.3 | 3.1 |
| SSE | .5 | .8 | 1.1 | | | | | | | | | 2.4 | 5.8 |
| S | 2.4 | 3.0 | .8 | .7 | | | | | | | | 6.9 | 5.2 |
| SSW | 2.0 | .2 | .4 | .1 | | | | | | | | 2.7 | 3.4 |
| SW | 1.4 | .6 | .5 | | | | | | | | | 2.5 | 3.9 |
| WSW | 1.4 | .9 | .6 | | | | | | | | | 3.0 | 4.3 |
| W | 1.4 | 2.0 | .9 | .2 | | | | | | | | 4.6 | 5.1 |
| WNW | 1.8 | 1.8 | 1.2 | .4 | | | | | | | | 5.1 | 5.3 |
| NW | 2.1 | 2.6 | 2.8 | .8 | .2 | | | | | | | 8.6 | 6.7 |
| NNW | 2.1 | 2.8 | 2.4 | .6 | .4 | | | | | | | 8.3 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.5 | |
| | 26.7 | 30.7 | 16.7 | 3.5 | .8 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 3.1 | 3.1 | 1.2 | | | | | | | | 10.6 | 5.8 |
| NNE | 1.5 | 2.1 | 1.1 | .2 | | | | | | | | 5.0 | 5.2 |
| NE | 2.5 | 3.8 | .4 | | | | | | | | | 6.6 | 3.9 |
| ENE | 2.1 | 3.7 | 1.5 | | | | | | | | | 7.3 | 4.7 |
| E | 3.0 | 2.5 | 1.3 | .2 | | | | | | | | 7.0 | 4.8 |
| ESE | .9 | .6 | .4 | .1 | .1 | | | | | | | 2.1 | 5.6 |
| SE | .8 | .6 | .4 | | | | | | | | | 1.8 | 3.9 |
| SSE | 1.3 | .7 | .8 | | | | | | | | | 2.8 | 4.7 |
| S | 1.9 | 1.7 | .9 | .4 | | | | | | | | 4.8 | 5.1 |
| SSW | .9 | .8 | .7 | .1 | | | | | | | | 2.6 | 5.9 |
| SW | .6 | .9 | .4 | .4 | | | | | | | | 2.2 | 5.9 |
| WSW | 1.8 | 1.2 | .5 | | | | | | | | | 3.4 | 3.9 |
| W | 2.6 | 1.7 | .2 | .6 | .1 | | | | | | | 5.2 | 4.7 |
| WNW | 1.4 | 1.5 | 1.1 | .7 | | | | | | | | 4.7 | 6.0 |
| NW | .8 | 2.1 | 3.0 | 1.1 | .2 | | | | | | | 7.2 | 7.7 |
| NNW | 1.7 | 2.7 | 2.5 | .8 | .2 | | | | | | | 7.9 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.6 | |
| | 27.2 | 29.7 | 18.1 | 5.8 | .7 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 3.4 | 4.5 | 1.1 | | | | | | | | 10.6 | 6.9 |
| NNE | .5 | 1.9 | 1.5 | .1 | | | | | | | | 4.0 | 6.4 |
| NE | 1.2 | 2.2 | .8 | | | | | | | | | 4.3 | 4.9 |
| ENE | 1.1 | 3.2 | 1.2 | .1 | | | | | | | | 5.6 | 5.3 |
| E | 2.2 | 3.8 | 3.2 | .1 | | | | | | | | 9.3 | 5.6 |
| ESE | 1.3 | 1.3 | 1.3 | .2 | | | | | | | | 4.1 | 5.5 |
| SE | 1.1 | .9 | 1.1 | .2 | | | | | | | | 3.3 | 5.8 |
| SSE | 1.5 | 1.3 | 1.4 | .4 | | | | | | | | 4.6 | 5.6 |
| S | 1.1 | 2.6 | 2.6 | .9 | | | | | | | | 7.2 | 6.7 |
| SSW | .1 | .9 | 1.7 | .9 | | | | | | | | 3.7 | 8.6 |
| SW | .7 | .8 | 1.7 | .9 | | | | | | | | 4.1 | 7.9 |
| WSW | .8 | 1.1 | 1.3 | .5 | | | | | | | | 3.7 | 6.5 |
| W | .8 | 1.9 | 3.9 | 1.5 | .1 | | | | | | | 8.3 | 8.2 |
| WNW | 1.1 | .5 | 2.2 | .7 | .2 | | | | | | | 4.7 | 7.7 |
| NW | 1.2 | 1.9 | 2.7 | 2.2 | .2 | | | | | | | 8.3 | 8.5 |
| NNW | 1.2 | 2.7 | 2.8 | 2.0 | .4 | | | | | | | 9.1 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 17.5 | 30.5 | 33.9 | 12.1 | .9 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.7 | 2.8 | 1.4 | .2 | | | | | | | 8.2 | 7.7 |
| NNE | .6 | .9 | 1.3 | .7 | | | | | | | | 3.5 | 7.1 |
| NE | .2 | 1.7 | .9 | | | | | | | | | 2.8 | 6.0 |
| ENE | .5 | 1.1 | 1.7 | .2 | | | | | | | | 3.4 | 6.9 |
| E | .9 | 2.4 | 1.4 | .4 | | | | | | | | 5.1 | 6.1 |
| ESE | .5 | 1.2 | 2.4 | .1 | | | | | | | | 4.1 | 6.8 |
| SE | .6 | .8 | .8 | .2 | .1 | | | | | | | 2.6 | 7.0 |
| SSE | .4 | 1.5 | 1.2 | .5 | | | | | | | | 3.5 | 7.1 |
| S | 1.5 | 3.2 | 2.0 | .8 | .4 | | | | | | | 7.9 | 7.0 |
| SSW | .9 | 1.8 | 2.8 | 1.8 | .2 | | | | | | | 7.6 | 8.5 |
| SW | .5 | 1.7 | 2.1 | 1.8 | .5 | | | | | | | 6.5 | 9.2 |
| WSW | .4 | 2.6 | 2.1 | .8 | | | | | | | | 5.9 | 7.1 |
| W | .7 | 3.5 | 4.7 | 2.5 | | | | | | | | 11.5 | 8.2 |
| WNW | .9 | 1.8 | 3.5 | 1.7 | .1 | | | | | | | 8.0 | 7.9 |
| NW | .5 | 1.8 | 2.7 | 2.4 | .4 | | | | | | | 7.7 | 9.2 |
| NNW | 1.1 | 2.2 | 2.5 | 1.8 | .4 | | | | | | | 7.9 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 11.1 | 30.9 | 35.1 | 17.0 | 2.2 | | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.4 | 3.1 | 1.1 | | | | | | | | 8.9 | 6.8 |
| NNE | 1.5 | 1.8 | .7 | .4 | | | | | | | | 4.4 | 5.0 |
| NE | .7 | .8 | .4 | | | | | | | | | 1.9 | 4.5 |
| ENE | .4 | .9 | .8 | .4 | | | | | | | | 2.5 | 6.9 |
| E | 1.7 | 3.0 | 1.9 | .4 | | | | | | | | 6.9 | 5.5 |
| ESE | .4 | 1.9 | .4 | | | | | | | | | 2.6 | 5.1 |
| SE | .9 | 1.3 | .2 | .1 | .1 | | | | | | | 2.7 | 5.3 |
| SSE | .9 | .7 | .9 | .6 | .1 | | | | | | | 3.3 | 6.9 |
| S | 1.5 | 2.4 | 3.0 | 1.1 | | | | | | | | 7.9 | 6.8 |
| SSW | 1.1 | 2.2 | 3.1 | 1.7 | .4 | | | | | | | 8.4 | 8.0 |
| SW | .6 | 2.0 | 2.0 | 2.0 | .2 | | | | | | | 6.9 | 8.5 |
| WSW | .1 | 1.7 | 2.6 | .6 | | | | | | | | 5.0 | 7.8 |
| W | .8 | 2.7 | 3.1 | 1.1 | | | | | | | | 7.7 | 6.9 |
| WNW | 1.2 | 1.9 | 1.5 | 1.3 | .2 | | | | | | | 6.1 | 7.6 |
| NW | .7 | 2.2 | 3.1 | 3.8 | .1 | | | | | | | 9.9 | 9.2 |
| NNW | .2 | 2.2 | 5.0 | 2.4 | .1 | | | | | | | 9.9 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.1 | |
| | 14.1 | 31.2 | 31.7 | 16.7 | 1.3 | | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 4.1 | 1.4 | .1 | | | | | | | | 8.9 | 4.6 |
| NNE | 1.9 | .9 | | .1 | | | | | | | | 3.0 | 3.3 |
| NE | .9 | 1.1 | | .2 | | | | | | | | 2.2 | 4.4 |
| ENE | 2.0 | 1.3 | .6 | .4 | | | | | | | | 4.3 | 4.7 |
| E | 2.6 | 1.5 | .8 | .1 | .1 | | | | | | | 5.2 | 4.5 |
| ESE | 1.7 | .9 | .1 | | | | | | | | | 2.7 | 3.3 |
| SE | 1.2 | .9 | .1 | .1 | | | | | | | | 2.4 | 3.9 |
| SSE | 1.1 | .6 | .4 | .5 | .1 | | | | | | | 2.6 | 6.3 |
| S | 2.0 | 3.3 | 1.4 | .8 | | | | | | | | 7.6 | 5.7 |
| SSW | 1.8 | 3.7 | 3.9 | .4 | | | | | | | | 9.7 | 6.2 |
| SW | 1.3 | 3.0 | 1.7 | .2 | | | | | | | | 6.1 | 5.5 |
| WSW | .8 | 1.2 | .4 | .1 | | | | | | | | 2.5 | 4.7 |
| W | 2.7 | 2.0 | .4 | | | | | | | | | 5.1 | 3.8 |
| WNW | .7 | 1.4 | .5 | 1.1 | | | | | | | | 3.7 | 7.4 |
| NW | 1.9 | 2.8 | 2.6 | 2.0 | | | | | | | | 9.3 | 7.0 |
| NNW | 2.7 | 4.6 | 2.4 | .9 | .1 | | | | | | | 10.8 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.1 | |
| | 28.5 | 33.5 | 16.5 | 7.1 | .4 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 2.8 | 3.1 | .7 | | | | | | | | 8.4 | 6.0 |
| NNE | 2.0 | .6 | .4 | | | | | | | | | 3.0 | 3.3 |
| NE | 2.1 | 1.5 | | | | | | | | | | 3.7 | 2.9 |
| ENE | 1.5 | 1.3 | .4 | .4 | | | | | | | | 3.5 | 4.6 |
| E | 1.2 | 1.8 | 1.5 | | | | | | | | | 4.5 | 5.5 |
| ESE | .9 | .7 | .2 | | | | | | | | | 1.9 | 3.8 |
| SE | .6 | .7 | .2 | | | | | | | | | 1.5 | 4.7 |
| SSE | 1.1 | 1.3 | .6 | .1 | | | | | | | | 3.1 | 4.9 |
| S | 2.0 | 4.8 | 1.7 | .7 | .4 | | | | | | | 9.6 | 5.9 |
| SSW | 3.3 | 3.7 | 1.4 | .1 | | | | | | | | 8.5 | 4.6 |
| SW | 2.2 | 2.6 | 1.3 | | | | | | | | | 6.1 | 4.7 |
| WSW | .6 | 2.0 | .8 | .1 | .2 | | | | | | | 3.8 | 6.4 |
| W | 1.1 | 1.8 | .7 | | | | | | | | | 3.5 | 4.8 |
| WNW | 1.5 | 1.2 | 1.4 | .5 | | | | | | | | 4.6 | 6.0 |
| NW | 2.0 | 3.3 | 1.9 | 1.7 | .2 | | | | | | | 9.1 | 6.8 |
| NNW | 1.5 | 4.3 | 2.0 | .9 | | | | | | | | 8.7 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.4 | |
| | 25.5 | 34.4 | 17.6 | 5.2 | .8 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.6 | 2.9 | .8 | .0 | | | | | | | 9.4 | 6.1 |
| NNE | 1.6 | 1.6 | .7 | .2 | | | | | | | | 4.2 | 4.8 |
| NE | 1.7 | 2.0 | .3 | .0 | | | | | | | | 4.1 | 4.0 |
| ENE | 1.3 | 1.9 | .9 | .2 | | | | | | | | 4.3 | 5.1 |
| E | 1.8 | 2.3 | 1.7 | .2 | .0 | | | | | | | 5.9 | 5.4 |
| ESE | 1.0 | 1.0 | .7 | .1 | .0 | | | | | | | 2.7 | 5.2 |
| SE | .9 | .8 | .4 | .1 | .0 | | | | | | | 2.2 | 4.9 |
| SSE | .9 | 1.0 | .9 | .3 | .0 | | | | | | | 3.1 | 5.9 |
| S | 1.8 | 3.0 | 1.7 | .8 | .1 | | | | | | | 7.4 | 6.1 |
| SSW | 1.4 | 2.0 | 1.9 | .7 | .1 | | | | | | | 6.0 | 6.5 |
| SW | 1.1 | 1.7 | 1.3 | .7 | .1 | | | | | | | 4.9 | 6.6 |
| WSW | .9 | 1.6 | 1.1 | .3 | .0 | | | | | | | 3.9 | 5.9 |
| W | 1.5 | 2.2 | 1.8 | .8 | .0 | | | | | | | 6.2 | 6.4 |
| WNW | 1.2 | 1.5 | 1.6 | .8 | .1 | | | | | | | 5.2 | 6.8 |
| NW | 1.5 | 2.4 | 2.6 | 1.9 | .2 | | | | | | | 8.5 | 7.7 |
| NNW | 1.6 | 3.1 | 2.7 | 1.3 | .2 | | | | | | | 9.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.1 | |
| | 22.2 | 31.6 | 23.2 | 9.1 | .9 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.9 | 1.1 | .1 | | | | | | | | 5.5 | 5.1 |
| NNE | 1.7 | 2.3 | .6 | | | | | | | | | 4.6 | 4.3 |
| NE | 1.6 | .8 | .3 | | | | | | | | | 2.7 | 3.7 |
| ENE | 1.4 | .9 | .3 | | | | | | | | | 2.6 | 3.4 |
| E | 2.5 | 2.0 | 1.3 | .2 | | | | | | | | 6.0 | 4.9 |
| ESE | .6 | 1.8 | .8 | .2 | | | | | | | | 3.4 | 5.8 |
| SE | .6 | .9 | 1.2 | .3 | | | | | | | | 3.0 | 6.4 |
| SSE | 1.7 | 1.8 | 1.3 | .1 | | | | | | | | 4.9 | 5.1 |
| S | 3.3 | 4.1 | 1.6 | .6 | | | | | | | | 9.7 | 5.0 |
| SSW | 1.3 | 1.3 | 1.4 | .4 | | | | | | | | 4.4 | 5.9 |
| SW | 1.9 | 1.0 | 1.0 | .1 | | | | | | | | 4.0 | 4.4 |
| WSW | 1.5 | 1.2 | .6 | | | | | | | | | 3.3 | 4.0 |
| W | 2.2 | 2.2 | .8 | .2 | | | | | | | | 5.3 | 4.8 |
| WNW | .9 | 1.5 | 1.2 | .3 | .1 | | | | | | | 4.0 | 6.2 |
| NW | 1.4 | 1.8 | 1.7 | .5 | .2 | | | | | | | 5.7 | 6.5 |
| NNW | 1.8 | 2.6 | 2.2 | 1.1 | | | | | | | | 7.6 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.2 | |
| | 25.9 | 28.9 | 17.3 | 4.3 | .3 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.5 | .8 | .1 | | | | | | | | 5.4 | 4.5 |
| NNE | 2.3 | 1.8 | .9 | .2 | | | | | | | | 5.2 | 4.4 |
| NE | 2.5 | 2.5 | .4 | | | | | | | | | 5.4 | 3.7 |
| ENE | 2.3 | 1.7 | .6 | | | | | | | | | 4.6 | 4.1 |
| E | 2.6 | 3.0 | 1.3 | .4 | | | | | | | | 7.3 | 4.9 |
| ESE | .9 | 1.8 | 1.0 | .2 | | | | | | | | 3.9 | 5.8 |
| SE | .8 | .9 | .9 | .2 | | | | | | | | 2.7 | 5.8 |
| SSE | 1.7 | 1.2 | 1.1 | .3 | | | | | | | | 4.3 | 5.3 |
| S | 3.0 | 2.8 | 1.4 | .6 | .3 | | | | | | | 8.2 | 5.8 |
| SSW | 1.6 | 1.2 | 1.0 | .2 | | | | | | | | 4.0 | 4.9 |
| SW | 1.3 | .3 | .1 | .3 | | | | | | | | 2.0 | 4.3 |
| WSW | .5 | 1.3 | .3 | .2 | | | | | | | | 2.4 | 5.1 |
| W | 1.3 | 1.5 | 1.4 | .3 | | | | | | | | 4.5 | 6.0 |
| WNW | .6 | 1.6 | .6 | .3 | | | | | | | | 3.2 | 5.9 |
| NW | 1.2 | 2.6 | 1.6 | .9 | | | | | | | | 6.0 | 6.6 |
| NNW | 2.0 | 1.9 | 1.7 | .6 | | | | | | | | 6.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 26.3 | 28.6 | 15.1 | 5.1 | .3 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.3 | 2.0 | .3 | | | | | | | | 6.6 | 5.5 |
| NNE | 2.4 | 2.0 | 1.2 | | | | | | | | | 5.6 | 4.7 |
| NE | 3.0 | 3.5 | 1.0 | .1 | | | | | | | | 7.6 | 4.3 |
| ENE | 3.2 | 2.2 | 1.0 | .1 | | | | | | | | 6.5 | 4.3 |
| E | 2.4 | 2.8 | 1.7 | .2 | | | | | | | | 7.1 | 5.2 |
| ESE | 1.0 | 2.5 | 1.9 | .2 | | | | | | | | 5.6 | 6.0 |
| SE | 1.2 | 2.4 | 1.4 | .4 | | | | | | | | 5.4 | 5.7 |
| SSE | 1.5 | 1.2 | 1.9 | .1 | | | | | | | | 4.7 | 5.5 |
| S | 1.6 | 1.9 | 2.2 | .8 | .1 | | | | | | | 6.6 | 6.4 |
| SSW | 1.6 | 1.3 | 1.1 | .4 | | | | | | | | 4.4 | 5.6 |
| SW | .4 | .2 | .6 | .3 | | | | | | | | 1.6 | 6.9 |
| WSW | .6 | 1.2 | .8 | .2 | | | | | | | | 2.8 | 5.7 |
| W | 1.1 | 2.4 | 1.5 | .2 | | | | | | | | 5.2 | 5.9 |
| WNW | 1.2 | 2.2 | 1.2 | .5 | | | | | | | | 5.1 | 5.9 |
| NW | 1.5 | 1.4 | 1.5 | 1.2 | .1 | | | | | | | 5.7 | 6.8 |
| NNW | 1.0 | 1.8 | 1.4 | .5 | | | | | | | | 4.7 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 25.6 | 31.2 | 22.4 | 5.7 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 1.7 | 1.7 | .4 | | | | | | | | 5.2 | 6.1 |
| NNE | .6 | 1.6 | 2.3 | .1 | | | | | | | | 4.6 | 6.3 |
| NE | .4 | 2.3 | 1.5 | .1 | | | | | | | | 4.3 | 6.0 |
| ENE | 1.2 | 1.6 | 1.8 | | | | | | | | | 4.6 | 5.6 |
| E | 1.5 | 3.1 | 4.0 | .5 | | | | | | | | 9.1 | 6.5 |
| ESE | .4 | 3.0 | 2.9 | .3 | | | | | | | | 6.7 | 6.7 |
| SE | 1.0 | 1.3 | 2.4 | .4 | | | | | | | | 5.1 | 7.0 |
| SSE | 1.4 | 2.2 | 3.5 | 1.0 | | | | | | | | 8.1 | 7.0 |
| S | 2.2 | 3.1 | 4.1 | 1.8 | .3 | | | | | | | 11.5 | 7.3 |
| SSW | .5 | .9 | 1.6 | 1.0 | .2 | | | | | | | 4.2 | 8.6 |
| SW | .6 | .9 | 1.7 | 1.0 | | .1 | | | | | | 4.3 | 8.5 |
| WSW | .6 | .9 | 2.0 | 1.3 | | | | | | | | 4.8 | 8.1 |
| W | .9 | .8 | 2.9 | .8 | .1 | | | | | | | 5.4 | 8.2 |
| WNW | .9 | 1.1 | 2.8 | 1.1 | .1 | | | | | | | 5.9 | 8.1 |
| NW | .5 | 2.2 | 2.6 | 1.2 | .3 | | | | | | | 6.8 | 8.2 |
| NNW | .9 | 1.7 | 2.4 | 1.1 | .3 | | | | | | | 6.3 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 14.9 | 28.2 | 40.2 | 12.0 | 1.4 | .1 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.4 | 2.2 | .5 | .1 | | | | | | | 6.5 | 6.3 |
| NNE | .6 | 1.3 | .9 | | | | | | | | | 2.8 | 5.3 |
| NE | .5 | .5 | .4 | | | | | | | | | 1.5 | 4.9 |
| ENE | .3 | 1.8 | 1.0 | | | | | | | | | 3.1 | 5.6 |
| E | 1.0 | 1.9 | 2.4 | .1 | | | | | | | | 5.4 | 6.0 |
| ESE | .8 | 2.9 | 1.1 | .4 | | | | | | | | 5.2 | 6.0 |
| SE | .3 | 1.0 | 2.2 | .3 | | | | | | | | 3.8 | 7.3 |
| SSE | 1.1 | 1.9 | 3.2 | 1.2 | | | | | | | | 7.4 | 7.4 |
| S | 1.8 | 2.4 | 6.6 | 3.3 | .4 | | | | | | | 14.5 | 8.4 |
| SSW | .5 | 1.6 | 3.5 | 2.4 | .1 | .2 | | | | | | 8.4 | 9.2 |
| SW | .9 | 1.5 | 2.6 | 1.3 | .6 | | | | | | | 6.9 | 8.7 |
| WSW | .9 | 1.1 | 2.0 | 1.5 | .2 | | | | | | | 5.7 | 8.4 |
| W | .8 | 1.8 | 2.2 | 2.0 | .1 | | | | | | | 6.9 | 8.4 |
| WNW | .5 | .6 | 1.7 | 1.8 | | | | | | | | 4.7 | 9.0 |
| NW | .4 | 1.5 | 2.8 | 2.6 | .2 | | | | | | | 7.5 | 9.4 |
| NNW | .9 | 1.1 | 1.9 | 2.5 | .2 | .1 | | | | | | 6.7 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 12.6 | 25.4 | 36.6 | 20.0 | 2.0 | .3 | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 2.4 | 1.9 | .5 | .2 | | | | | | | 5.6 | 7.2 |
| NNE | .8 | 1.1 | .1 | .1 | | | | | | | | 2.0 | 4.4 |
| NE | .3 | .6 | .4 | | | | | | | | | 1.4 | 5.1 |
| ENE | .5 | .9 | .8 | | | | | | | | | 2.2 | 5.5 |
| E | 1.3 | 2.7 | 2.3 | .1 | | | | | | | | 6.4 | 5.6 |
| ESE | .5 | 2.6 | 1.4 | .1 | | | | | | | | 4.6 | 5.8 |
| SE | .6 | 1.4 | 1.7 | .4 | .1 | .1 | | | | | | 4.4 | 7.1 |
| SSE | .9 | 2.0 | 2.0 | 1.1 | | | | | | | | 6.0 | 7.1 |
| S | 1.7 | 4.6 | 4.7 | 2.4 | .1 | | | | | | | 13.6 | 7.3 |
| SSW | .8 | 2.3 | 4.2 | 3.7 | .1 | .1 | | | | | | 11.1 | 9.2 |
| SW | .5 | 1.8 | 1.8 | 3.0 | .1 | .2 | | | | | | 7.5 | 9.7 |
| WSW | .6 | 1.7 | 1.7 | .8 | .1 | | | | | | | 5.0 | 7.3 |
| W | 1.3 | 1.4 | 1.4 | 1.5 | .1 | | | | | | | 5.7 | 7.3 |
| WNW | .4 | 1.1 | 2.0 | 1.6 | | | | | | | | 5.2 | 8.6 |
| NW | .5 | 1.2 | 3.9 | 1.9 | .1 | | | | | | | 7.6 | 8.9 |
| NNW | .8 | 1.9 | 2.8 | 2.3 | .1 | | | | | | | 7.9 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 12.2 | 29.7 | 33.3 | 19.5 | 1.1 | .4 | | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.2 | 1.3 | .1 | | | | | | | | 5.1 | 5.1 |
| NNE | .5 | .5 | | | | | | | | | | 1.1 | 3.8 |
| NE | .8 | .4 | .4 | | | | | | | | | 1.6 | 4.3 |
| ENE | 1.5 | 1.0 | .9 | | | | | | | | | 3.3 | 4.5 |
| E | 2.6 | 1.9 | 1.6 | .1 | | | | | | | | 6.2 | 4.8 |
| ESE | 1.2 | 1.1 | .9 | .2 | | | | | | | | 3.3 | 5.3 |
| SE | .8 | 1.3 | 1.1 | .1 | | | | | | | | 3.2 | 5.3 |
| SSE | 1.5 | 1.2 | 1.7 | .6 | | | | | | | | 5.1 | 6.6 |
| S | 3.0 | 5.9 | 4.3 | .5 | .1 | | | | | | | 13.9 | 5.8 |
| SSW | 2.6 | 5.5 | 4.8 | .8 | .1 | | | | | | | 13.8 | 6.3 |
| SW | 1.1 | 2.5 | 1.3 | 1.0 | .1 | | | | | | | 5.9 | 6.7 |
| WSW | 1.6 | 1.0 | .4 | .3 | | | | | | | | 3.3 | 4.8 |
| W | 1.9 | 1.5 | .5 | .1 | | | | | | | | 4.1 | 4.2 |
| WNW | .5 | 1.2 | .9 | .3 | | | | | | | | 2.9 | 6.2 |
| NW | 1.7 | 3.7 | 2.3 | .5 | | | | | | | | 8.2 | 5.7 |
| NNW | 2.8 | 2.9 | 1.8 | .8 | .1 | | | | | | | 8.4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 25.6 | 33.7 | 24.2 | 5.5 | .4 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.9 | 1.2 | .1 | | | | | | | | 6.3 | 4.7 |
| NNE | 1.0 | .9 | .3 | | | | | | | | | 2.2 | 3.9 |
| NE | 1.0 | .5 | .2 | | | | | | | | | 1.7 | 3.8 |
| ENE | 2.3 | 1.1 | .4 | .1 | | | | | | | | 3.9 | 3.9 |
| E | 3.0 | 2.5 | .8 | .1 | | | | | | | | 6.3 | 4.0 |
| ESE | .8 | 1.3 | .9 | .3 | | | | | | | | 3.2 | 6.1 |
| SE | 1.2 | .5 | .6 | | | | | | | | | 2.4 | 4.6 |
| SSE | 1.4 | 1.5 | 1.8 | .4 | .1 | | | | | | | 5.3 | 6.4 |
| S | 4.9 | 3.3 | 2.9 | .8 | .2 | | | | | | | 12.2 | 5.3 |
| SSW | 2.5 | 4.1 | 2.2 | .2 | | | | | | | | 8.9 | 4.9 |
| SW | 3.2 | 2.2 | .8 | .4 | | .1 | | | | | | 6.7 | 4.6 |
| WSW | 1.8 | 1.4 | .6 | .1 | | | | | | | | 4.0 | 4.4 |
| W | 2.0 | 1.3 | .5 | .2 | | | | | | | | 4.1 | 4.3 |
| WNW | 1.2 | .9 | .6 | .4 | .2 | .1 | | | | | | 3.4 | 6.9 |
| NW | 1.6 | 3.0 | 2.5 | .4 | | | | | | | | 7.5 | 6.0 |
| NNW | 3.1 | 3.2 | .9 | .5 | | | | | | | | 7.7 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 33.1 | 30.5 | 17.2 | 4.2 | .5 | .2 | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.4 | 1.5 | .3 | .0 | | | | | | | 5.8 | 5.6 |
| NNE | 1.2 | 1.4 | .8 | .1 | | | | | | | | 3.5 | 4.8 |
| NE | 1.3 | 1.4 | .6 | .0 | | | | | | | | 3.3 | 4.4 |
| ENE | 1.6 | 1.4 | .8 | .0 | | | | | | | | 3.8 | 4.6 |
| E | 2.1 | 2.5 | 1.9 | .2 | | | | | | | | 6.7 | 5.3 |
| ESE | .8 | 2.1 | 1.3 | .3 | | | | | | | | 4.5 | 6.0 |
| SE | .8 | 1.2 | 1.4 | .3 | .0 | .0 | | | | | | 3.7 | 6.3 |
| SSE | 1.4 | 1.6 | 2.1 | .6 | .0 | | | | | | | 5.7 | 6.5 |
| S | 2.7 | 3.5 | 3.5 | 1.4 | .2 | | | | | | | 11.3 | 6.5 |
| SSW | 1.4 | 2.3 | 2.5 | 1.1 | .1 | .0 | | | | | | 7.4 | 7.0 |
| SW | 1.3 | 1.3 | 1.2 | .9 | .1 | .1 | | | | | | 4.9 | 7.1 |
| WSW | 1.0 | 1.2 | 1.1 | .6 | .0 | | | | | | | 3.9 | 6.3 |
| W | 1.4 | 1.6 | 1.4 | .7 | .0 | | | | | | | 5.1 | 6.4 |
| WNW | .8 | 1.3 | 1.4 | .8 | .1 | .0 | | | | | | 4.3 | 7.3 |
| NW | 1.1 | 2.2 | 2.4 | 1.2 | .1 | | | | | | | 6.9 | 7.3 |
| NNW | 1.7 | 2.2 | 1.9 | 1.2 | .1 | .0 | | | | | | 7.0 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.2 | |
| | 22.0 | 29.5 | 25.8 | 9.5 | .8 | .1 | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.7 | .8 | .1 | | | | | | | | 5.2 | 4.7 |
| NNE | 2.7 | .9 | .2 | | | | | | | | | 3.8 | 3.2 |
| NE | 3.0 | 1.1 | | | | | | | | | | 4.1 | 2.6 |
| ENE | 2.1 | .6 | .3 | | | | | | | | | 3.0 | 3.1 |
| E | 1.4 | 1.2 | .1 | | | | | | | | | 2.8 | 3.5 |
| ESE | .4 | 1.6 | .6 | .1 | | | | | | | | 2.7 | 5.2 |
| SE | .7 | 1.2 | .6 | .1 | | | | | | | | 2.6 | 5.1 |
| SSE | 1.4 | .7 | .2 | | | | | | | | | 2.3 | 3.3 |
| S | 2.4 | 2.7 | 1.4 | .7 | .1 | | | | | | | 7.3 | 5.6 |
| SSW | 2.6 | 1.9 | 1.2 | .4 | | | | | | | | 6.1 | 4.9 |
| SW | 2.9 | .6 | 1.4 | .1 | | | | | | | | 5.0 | 4.4 |
| WSW | 2.9 | 1.3 | .3 | .2 | | | | | | | | 4.8 | 3.7 |
| W | 4.2 | 2.0 | .2 | .1 | | | | | | | | 6.6 | 3.2 |
| WNW | 1.8 | 2.2 | .1 | | | | | | | | | 4.1 | 3.7 |
| NW | 2.1 | 2.4 | .2 | .2 | | | | | | | | 5.0 | 4.3 |
| NNW | 2.0 | 1.9 | .4 | | | | | | | | | 4.2 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.4 | |
| | 34.3 | 24.8 | 8.2 | 2.1 | .1 | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 2.3 | .4 | | | | | | | | | 5.3 | 3.8 |
| NNE | 3.1 | 2.0 | .3 | | | | | | | | | 5.4 | 3.6 |
| NE | 3.2 | 1.4 | | | | | | | | | | 4.7 | 2.9 |
| ENE | 3.6 | 1.8 | .3 | | | | | | | | | 5.7 | 3.2 |
| E | 3.7 | 1.3 | .7 | | | | | | | | | 5.7 | 3.4 |
| ESE | 1.9 | 1.7 | .4 | .1 | | | | | | | | 4.1 | 4.2 |
| SE | .7 | 1.9 | .2 | .3 | | | | | | | | 3.1 | 5.3 |
| SSE | .7 | 1.7 | .4 | | | | | | | | | 2.8 | 4.6 |
| S | 2.0 | 1.6 | 1.2 | .3 | | | | | | | | 5.1 | 5.2 |
| SSW | 1.3 | 1.3 | .7 | .4 | | | | | | | | 3.8 | 5.3 |
| SW | 1.7 | .3 | .4 | | | | | | | | | 2.4 | 3.6 |
| WSW | 2.9 | 1.1 | .4 | .2 | | | | | | | | 4.7 | 3.8 |
| W | 4.6 | .9 | 1.1 | .2 | | | | | | | | 6.8 | 3.6 |
| WNW | 1.8 | 1.1 | .2 | .1 | | | | | | | | 3.2 | 3.9 |
| NW | 1.3 | 1.8 | .4 | .3 | | | | | | | | 3.9 | 4.9 |
| NNW | 1.1 | 1.1 | .9 | | | | | | | | | 3.1 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.2 | |
| | 36.0 | 23.3 | 8.3 | 2.1 | | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.7 | 1.7 | | | | | | | | | 5.8 | 5.2 |
| NNE | 2.3 | 2.8 | 1.0 | .1 | | | | | | | | 6.2 | 4.3 |
| NE | 3.4 | 4.4 | .3 | | | | | | | | | 8.2 | 3.7 |
| ENE | 2.4 | 2.8 | .9 | | | | | | | | | 6.1 | 4.3 |
| E | 3.4 | 3.2 | 1.1 | .2 | | | | | | | | 8.0 | 4.3 |
| ESE | 1.0 | 2.9 | .9 | .1 | | | | | | | | 4.9 | 5.1 |
| SE | 1.2 | 3.2 | 1.0 | .4 | | | | | | | | 5.9 | 5.6 |
| SSE | 1.1 | 1.6 | 1.8 | .1 | | | | | | | | 4.6 | 5.8 |
| S | 1.3 | 2.1 | 2.6 | .1 | .1 | | | | | | | 6.2 | 6.1 |
| SSW | 1.1 | 1.4 | 1.7 | .1 | | | | | | | | 4.3 | 5.8 |
| SW | .8 | .6 | .7 | | | | | | | | | 2.0 | 4.9 |
| WSW | 1.2 | .8 | .8 | | | | | | | | | 2.8 | 4.2 |
| W | 1.9 | 2.0 | 1.7 | .1 | | | | | | | | 5.7 | 5.1 |
| WNW | 1.7 | 1.2 | .6 | .1 | | | | | | | | 3.6 | 4.6 |
| NW | 1.2 | 1.6 | .6 | .3 | | | | | | | | 3.7 | 5.1 |
| NNW | 1.6 | 1.9 | 1.2 | .3 | | | | | | | | 5.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.1 | |
| | 27.2 | 35.1 | 18.3 | 2.1 | .1 | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 1.8 | 2.0 | | | | | | | | | 5.7 | 5.3 |
| NNE | 1.0 | 1.8 | 1.1 | .1 | | | | | | | | 4.0 | 5.6 |
| NE | 1.0 | 1.6 | 1.6 | | | | | | | | | 4.1 | 5.2 |
| ENE | .7 | 2.2 | 2.0 | | | | | | | | | 4.9 | 5.7 |
| E | 2.3 | 3.8 | 1.9 | .4 | | | | | | | | 8.4 | 5.1 |
| ESE | 1.3 | 1.8 | 2.0 | .2 | | | | | | | | 5.3 | 5.8 |
| SE | .8 | 2.6 | 4.0 | .6 | .1 | .1 | | | | | | 8.1 | 7.4 |
| SSE | .9 | 3.4 | 3.7 | .3 | | | | | | | | 8.3 | 6.4 |
| S | 1.7 | 3.3 | 4.7 | 1.7 | .1 | .1 | | | | | | 11.6 | 7.5 |
| SSW | .8 | 2.3 | 2.7 | 1.6 | | | | | | | | 7.3 | 7.8 |
| SW | .4 | 1.0 | 1.7 | .7 | | | | | | | | 3.8 | 7.6 |
| WSW | .6 | 1.7 | .8 | .1 | | | | | | | | 3.1 | 5.3 |
| W | 1.7 | 1.3 | 1.8 | .6 | .1 | | | | | | | 5.4 | 6.4 |
| WNW | 1.8 | 1.3 | 3.0 | .4 | .1 | | | | | | | 6.7 | 6.8 |
| NW | .7 | 1.2 | 2.2 | .7 | .1 | | | | | | | 4.9 | 7.5 |
| NNW | .4 | 1.8 | 2.4 | .4 | | | | | | | | 5.1 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 17.9 | 32.9 | 37.4 | 7.8 | .6 | .2 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.1 | 2.0 | .3 | | | | | | | | 5.8 | 5.7 |
| NNE | 1.1 | .6 | .2 | | | | | | | | | 1.9 | 3.9 |
| NE | 1.2 | 1.0 | 1.0 | | | | | | | | | 3.2 | 4.7 |
| ENE | .1 | 1.2 | .7 | | | | | | | | | 2.0 | 5.7 |
| E | 1.3 | 2.8 | 1.3 | .1 | | | | | | | | 5.6 | 5.3 |
| ESE | 1.4 | 1.8 | 1.9 | | | | | | | | | 5.1 | 5.5 |
| SE | 1.1 | 2.2 | 1.8 | .8 | | | | | | | | 5.9 | 6.4 |
| SSE | .9 | 3.3 | 3.2 | .7 | | | | | | | | 8.1 | 6.8 |
| S | 2.0 | 3.6 | 4.1 | 3.1 | .4 | | | | | | | 13.2 | 8.0 |
| SSW | .9 | 2.9 | 3.8 | 2.3 | .3 | | | | | | | 10.2 | 8.4 |
| SW | .7 | 1.6 | 2.1 | 1.4 | .1 | | | | | | | 5.9 | 8.2 |
| WSW | 1.0 | 1.1 | 2.0 | 1.1 | .2 | | | | | | | 5.4 | 8.3 |
| W | 1.0 | 1.3 | 3.6 | .7 | | | | | | | | 6.6 | 7.3 |
| WNW | .9 | 1.7 | 3.4 | 1.0 | | | | | | | | 7.0 | 7.6 |
| NW | .8 | 1.3 | 2.3 | 1.1 | | | | | | | | 5.6 | 7.8 |
| NNW | .8 | 1.3 | 2.3 | .8 | | | | | | | | 5.2 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 16.6 | 29.8 | 35.8 | 13.4 | 1.1 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.6 | 1.8 | .7 | | | | | | | | 5.4 | 6.3 |
| NNE | 1.0 | 1.6 | .1 | | | | | | | | | 2.7 | 4.1 |
| NE | .4 | .8 | .1 | | | | | | | | | 1.3 | 3.8 |
| ENE | .6 | .8 | .6 | | | | | | | | | 1.9 | 5.1 |
| E | 1.1 | 2.2 | 1.1 | | | | | | | | | 4.4 | 5.2 |
| ESE | 1.6 | 1.1 | 1.4 | .1 | | | | | | | | 4.2 | 5.2 |
| SE | 1.9 | 1.7 | 1.7 | .4 | | | | | | | | 5.7 | 5.7 |
| SSE | 1.6 | 2.8 | 1.9 | .2 | | | | | | | | 6.4 | 5.6 |
| S | 1.9 | 4.1 | 3.6 | 1.6 | .6 | | | | | | | 11.7 | 7.5 |
| SSW | 1.4 | 3.1 | 5.6 | 3.1 | .1 | | | | | | | 13.3 | 8.1 |
| SW | 1.0 | 1.7 | 2.2 | 1.7 | | | | | | | | 6.6 | 7.9 |
| WSW | .8 | 1.2 | .9 | .8 | .1 | | | | | | | 3.8 | 7.5 |
| W | .9 | 2.1 | 2.4 | .7 | | | | | | | | 6.1 | 6.9 |
| WNW | .2 | 1.1 | 2.7 | 1.0 | | | | | | | | 5.0 | 8.3 |
| NW | .7 | 2.2 | 4.1 | .9 | | | | | | | | 7.9 | 7.4 |
| NNW | .9 | 3.7 | 2.7 | .9 | | | | | | | | 8.1 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 17.3 | 31.7 | 32.8 | 12.0 | .8 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 FT RUCKER AL 69-70,73-80 APR
STATION STATION NAME YEARS MONTH

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 1.6 | .6 | .1 | | | | | | | | 4.9 | 3.9 |
| NNE | 2.0 | .4 | | | | | | | | | | 2.4 | 2.6 |
| NE | .4 | .4 | | | | | | | | | | .9 | 3.0 |
| ENE | .9 | .3 | .1 | | | | | | | | | 1.3 | 3.1 |
| E | 3.1 | 1.2 | .1 | | | | | | | | | 4.4 | 2.9 |
| ESE | 2.0 | .7 | | | | | | | | | | 2.7 | 2.6 |
| SE | 1.1 | .9 | .2 | | | | | | | | | 2.2 | 3.6 |
| SSE | 2.0 | 1.8 | 1.2 | | | | | | | | | 5.0 | 4.4 |
| S | 2.1 | 5.8 | 2.9 | 1.8 | | | | | | | | 12.6 | 6.4 |
| SSW | 2.9 | 7.1 | 3.7 | .8 | | | | | | | | 14.4 | 5.7 |
| SW | 1.1 | 3.3 | 1.6 | | | | | | | | | 6.0 | 5.3 |
| WSW | 1.0 | .8 | .1 | .1 | | | | | | | | 2.0 | 4.2 |
| W | 1.3 | 1.0 | .6 | | | | | | | | | 2.9 | 4.3 |
| WNW | 2.4 | 1.8 | .8 | | | | | | | | | 5.0 | 4.0 |
| NW | 2.1 | 3.1 | 1.6 | .8 | | | | | | | | 7.6 | 5.7 |
| NNW | 2.4 | 4.0 | .8 | .1 | | | | | | | | 7.3 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.3 | |
| | 29.7 | 34.2 | 14.1 | 3.7 | | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.9 | .7 | | | | | | | | | 3.7 | 4.6 |
| NNE | .9 | .7 | .2 | | | | | | | | | 1.8 | 3.8 |
| NE | 2.6 | .4 | .2 | .1 | | | | | | | | 3.3 | 3.0 |
| ENE | 1.8 | .3 | .3 | | | | | | | | | 2.4 | 3.1 |
| E | 1.7 | .8 | .3 | .1 | | | | | | | | 2.9 | 3.8 |
| ESE | .9 | .8 | .1 | | | | | | | | | 1.8 | 3.6 |
| SE | 1.1 | .4 | .3 | .1 | | | | | | | | 2.0 | 4.7 |
| SSE | 1.4 | 1.2 | .3 | | | | | | | | | 3.0 | 4.0 |
| S | 4.3 | 4.3 | 1.4 | .8 | | | | | | | | 10.9 | 4.7 |
| SSW | 5.4 | 3.9 | 1.2 | .8 | | | | | | | | 11.3 | 4.6 |
| SW | 4.6 | 3.4 | .3 | .3 | | | | | | | | 8.7 | 3.9 |
| WSW | 1.7 | 1.8 | .4 | | | | | | | | | 3.9 | 4.0 |
| W | 2.6 | 1.6 | .2 | .1 | | | | | | | | 4.4 | 3.6 |
| WNW | 1.6 | 1.6 | .8 | | | | | | | | | 3.9 | 4.5 |
| NW | 1.7 | 3.8 | 1.1 | .1 | | | | | | | | 6.7 | 4.8 |
| NNW | 2.2 | 1.9 | .8 | | | | | | | | | 4.9 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.4 | |
| | 35.4 | 28.8 | 8.9 | 2.4 | | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 2.1 | 1.2 | .2 | | | | | | | | 5.2 | 5.0 |
| NNE | 1.8 | 1.3 | .4 | .0 | | | | | | | | 3.5 | 4.0 |
| NE | 1.9 | 1.4 | .4 | .0 | | | | | | | | 3.7 | 3.7 |
| ENE | 1.5 | 1.2 | .7 | | | | | | | | | 3.4 | 4.2 |
| E | 2.3 | 2.1 | .8 | .1 | | | | | | | | 5.3 | 4.4 |
| ESE | 1.3 | 1.5 | .9 | .1 | | | | | | | | 3.8 | 4.9 |
| SE | 1.1 | 1.8 | 1.2 | .3 | .0 | .0 | | | | | | 4.4 | 5.9 |
| SSE | 1.2 | 2.1 | 1.6 | .2 | | | | | | | | 5.1 | 5.6 |
| S | 2.2 | 3.4 | 2.7 | 1.2 | .2 | .0 | | | | | | 9.8 | 6.6 |
| SSW | 2.1 | 3.0 | 2.6 | 1.2 | .1 | | | | | | | 8.9 | 6.5 |
| SW | 1.6 | 1.6 | 1.3 | .5 | .0 | | | | | | | 5.0 | 5.8 |
| WSW | 1.5 | 1.2 | .7 | .3 | .0 | | | | | | | 3.8 | 5.3 |
| W | 2.3 | 1.5 | 1.4 | .3 | .0 | | | | | | | 5.6 | 5.1 |
| WNW | 1.5 | 1.5 | 1.4 | .3 | .0 | | | | | | | 4.8 | 5.8 |
| NW | 1.3 | 2.2 | 1.6 | .6 | .0 | | | | | | | 5.6 | 6.0 |
| NNW | 1.4 | 2.2 | 1.4 | .3 | | | | | | | | 5.4 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.6 | |
| | 26.8 | 30.1 | 20.5 | 5.7 | .3 | .0 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 1.5 | .1 | | | | | | | | | 4.2 | 3.3 |
| NNE | 2.0 | 1.0 | | | | | | | | | | 3.0 | 2.7 |
| NE | 3.1 | 1.2 | | | | | | | | | | 4.3 | 2.6 |
| ENE | 1.9 | .9 | | | | | | | | | | 2.8 | 2.6 |
| E | 2.8 | 2.7 | .5 | | | | | | | | | 6.0 | 3.7 |
| ESE | .9 | .3 | .8 | .1 | | | | | | | | 2.0 | 5.4 |
| SE | 1.1 | 1.3 | .3 | | | | | | | | | 2.7 | 4.1 |
| SSE | 1.4 | .6 | .3 | .1 | | | | | | | | 2.5 | 4.5 |
| S | 2.8 | 2.2 | 1.0 | .1 | | | | | | | | 6.0 | 4.2 |
| SSW | 2.3 | 1.7 | .3 | | | | | | | | | 4.3 | 3.6 |
| SW | 2.3 | 1.3 | .3 | | | | | | | | | 3.9 | 3.6 |
| WSW | 2.7 | 1.8 | | | | | | | | | | 4.5 | 3.0 |
| W | 3.2 | .9 | .1 | | | | | | | | | 4.2 | 2.6 |
| WNW | 2.0 | .9 | .4 | | | | | | | | | 3.3 | 3.5 |
| NW | 1.3 | 1.5 | .4 | | | | | | | | | 3.2 | 4.2 |
| NNW | 2.2 | 1.1 | | | | | | | | | | 3.2 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.8 | |
| | 34.5 | 20.8 | 4.6 | .3 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 1.5 | .1 | | | | | | | | | 3.4 | 3.3 |
| NNE | 2.5 | 1.0 | .3 | | | | | | | | | 3.8 | 3.2 |
| NE | 3.2 | 1.8 | .1 | | | | | | | | | 5.2 | 3.2 |
| ENE | 3.3 | 1.4 | .2 | | | | | | | | | 4.9 | 3.1 |
| E | 3.3 | 2.2 | .3 | | | | | | | | | 5.8 | 3.3 |
| ESE | 1.1 | 1.3 | .8 | .1 | | | | | | | | 3.2 | 4.7 |
| SE | .8 | 1.3 | .5 | .1 | | | | | | | | 2.7 | 5.2 |
| SSE | .9 | 1.0 | .4 | .1 | | | | | | | | 2.4 | 4.8 |
| S | 1.8 | 1.3 | .2 | | | | | | | | | 3.3 | 3.4 |
| SSW | 1.5 | .6 | .3 | .2 | | | | | | | | 2.7 | 4.3 |
| SW | 1.7 | .9 | .1 | | | | | | | | | 2.7 | 3.4 |
| WSW | 1.4 | 1.2 | .2 | | | | | | | | | 2.8 | 3.7 |
| W | 1.6 | 1.9 | .2 | | | | | | | | | 3.8 | 3.5 |
| WNW | 2.3 | .9 | .1 | | | | | | | | | 3.2 | 3.2 |
| NW | 2.3 | 1.5 | .4 | | | | | | | | | 4.2 | 3.6 |
| NNW | 2.3 | 1.2 | | .1 | | | | | | | | 3.5 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 42.4 | |
| | 31.7 | 20.9 | 4.4 | .6 | | | | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.5 | .6 | | | | | | | | | 5.3 | 3.9 |
| NNE | 3.1 | 1.9 | .3 | | | | | | | | | 5.4 | 3.4 |
| NE | 3.7 | 2.8 | 1.0 | | | | | | | | | 7.4 | 3.7 |
| ENE | 3.1 | 2.5 | 1.1 | | | | | | | | | 6.7 | 4.0 |
| E | 4.5 | 3.8 | .9 | | | | | | | | | 9.1 | 3.7 |
| ESE | 2.4 | 1.9 | 1.3 | | | | | | | | | 5.6 | 4.3 |
| SE | 1.4 | 1.6 | 1.3 | .1 | | | | | | | | 4.4 | 5.2 |
| SSE | 1.7 | 2.0 | .8 | | | | | | | | | 4.5 | 4.4 |
| S | 2.3 | 2.0 | .6 | | | | | | | | | 4.9 | 4.1 |
| SSW | .9 | 1.1 | .4 | | | | | | | | | 2.4 | 4.6 |
| SW | 1.4 | 1.3 | .4 | | | | | | | | | 3.1 | 4.1 |
| WSW | 2.7 | 1.6 | .3 | .1 | | | | | | | | 4.7 | 3.7 |
| W | 2.2 | 2.4 | .5 | .1 | | | | | | | | 5.2 | 4.2 |
| WNW | 1.2 | 1.7 | .9 | | | | | | | | | 3.8 | 4.9 |
| NW | 1.4 | 1.3 | .5 | .1 | | | | | | | | 3.3 | 4.8 |
| NNW | 2.7 | 2.0 | .4 | | | | | | | | | 5.2 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 36.7 | 32.5 | 11.4 | .4 | | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.5 | 1.7 | | | | | | | | | 6.4 | 4.9 |
| NNE | 1.3 | 2.4 | 1.1 | .1 | | | | | | | | 4.8 | 5.0 |
| NE | 1.7 | 1.7 | .2 | | | | | | | | | 3.7 | 3.9 |
| ENE | 3.1 | 4.2 | 1.1 | .2 | | | | | | | | 8.6 | 4.6 |
| E | 2.4 | 3.8 | 2.8 | .1 | | | | | | | | 9.0 | 5.2 |
| ESE | 1.3 | 2.7 | 2.0 | .4 | | | | | | | | 6.5 | 6.0 |
| SE | .5 | 1.2 | 2.0 | | | | | | | | | 3.8 | 6.3 |
| SSE | 1.5 | 3.3 | 1.9 | .1 | | | | | | | | 6.9 | 5.4 |
| S | 2.6 | 3.7 | 1.3 | .9 | | | | | | | | 8.4 | 5.4 |
| SSW | 1.3 | 1.9 | 2.2 | .4 | | | | | | | | 5.8 | 6.1 |
| SW | 1.1 | 3.0 | 1.5 | | | | | | | | | 5.6 | 5.2 |
| WSW | 1.9 | 2.2 | .6 | .1 | | | | | | | | 4.8 | 4.4 |
| W | 1.5 | 3.6 | 2.6 | .3 | | | | | | | | 8.0 | 5.9 |
| WNW | .8 | 1.5 | 1.7 | .1 | | | | | | | | 4.1 | 6.0 |
| NW | .4 | 1.7 | 1.7 | .2 | | | | | | | | 4.1 | 6.7 |
| NNW | .5 | 2.3 | .9 | | | | | | | | | 3.7 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 24.1 | 41.6 | 25.4 | 3.0 | | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.4 | 2.6 | .3 | | | | | | | | 7.3 | 5.5 |
| NNE | .6 | 1.1 | 1.1 | | | | | | | | | 2.8 | 5.7 |
| NE | 1.3 | 1.3 | 1.2 | .1 | | | | | | | | 3.9 | 5.2 |
| ENE | 1.1 | 2.0 | 1.6 | | | | | | | | | 4.7 | 5.3 |
| E | 1.5 | 3.7 | 1.9 | .2 | | | | | | | | 7.3 | 5.4 |
| ESE | 1.0 | 1.5 | 1.6 | .2 | | | | | | | | 4.3 | 6.0 |
| SE | 1.3 | 1.9 | 1.8 | .2 | | | | | | | | 5.3 | 5.8 |
| SSE | 1.0 | 3.5 | 2.0 | .2 | | | | | | | | 6.8 | 5.7 |
| S | 3.0 | 3.9 | 2.5 | 1.5 | | | | | | | | 10.9 | 6.2 |
| SSW | .8 | 2.3 | 2.6 | 1.6 | .2 | | | | | | | 7.4 | 8.1 |
| SW | 1.0 | 2.3 | .8 | .3 | | | | | | | | 4.3 | 5.7 |
| WSW | 1.2 | 2.7 | 2.7 | .6 | | .1 | | | | | | 7.3 | 6.7 |
| W | 1.8 | 4.1 | 2.3 | .4 | | | | | | | | 8.6 | 5.5 |
| WNW | 1.1 | 1.1 | 2.2 | .5 | | | | | | | | 4.8 | 6.6 |
| NW | 1.0 | 1.9 | .9 | .1 | | | | | | | | 3.9 | 5.4 |
| NNW | .9 | 2.0 | 1.4 | .8 | | | | | | | | 5.1 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 20.4 | 37.6 | 29.0 | 7.2 | .2 | .1 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 3.1 | 2.7 | .1 | | | | | | | | 7.3 | 5.8 |
| NNE | 1.1 | 1.9 | .8 | | | | | | | | | 3.8 | 4.8 |
| NE | 1.3 | 1.7 | .6 | .1 | | | | | | | | 3.8 | 4.7 |
| ENE | 1.4 | 1.8 | .8 | | | | | | | | | 4.0 | 4.5 |
| E | 2.0 | 2.9 | 1.7 | .1 | | | | | | | | 6.8 | 5.0 |
| ESE | 2.0 | 1.5 | 1.0 | .1 | | | | | | | | 4.6 | 4.5 |
| SE | 1.6 | 1.9 | 1.1 | | | | | | | | | 4.6 | 4.7 |
| SSE | 1.7 | 2.6 | .9 | .1 | | | | | | | | 5.3 | 4.5 |
| S | 3.5 | 5.6 | 3.3 | 1.5 | | | | | | | | 14.0 | 5.9 |
| SSW | .9 | 2.3 | 3.2 | 1.2 | | | | | | | | 7.5 | 7.3 |
| SW | .5 | 1.1 | 1.7 | .6 | | | | | | | | 4.0 | 7.5 |
| WSW | 1.1 | 2.7 | 1.2 | .2 | .1 | | | | | | | 5.3 | 5.8 |
| W | 1.6 | 3.4 | 1.6 | .1 | .1 | | | | | | | 6.9 | 5.4 |
| WNW | .9 | 1.8 | 1.5 | .5 | | | | | | | | 4.7 | 6.2 |
| NW | .3 | 3.1 | 2.4 | .4 | | | | | | | | 6.2 | 6.5 |
| NNW | 1.2 | 2.4 | 1.8 | .3 | | .1 | | | | | | 5.8 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.5 | |
| | 22.6 | 39.9 | 26.2 | 5.5 | .2 | .1 | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 66 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) D.D. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 1.3 | .4 | | | | | | | | | 3.2 | 3.8 |
| NNE | 2.5 | .2 | .2 | | | | | | | | | 2.9 | 2.6 |
| NE | 2.5 | .4 | | | | | | | | | | 2.9 | 2.3 |
| ENE | 1.9 | .5 | .4 | | | | | | | | | 2.9 | 3.4 |
| E | 1.4 | 1.6 | .8 | | | | | | | | | 3.8 | 4.5 |
| ESE | 1.0 | .8 | .3 | .1 | | | | | | | | 2.2 | 4.3 |
| SE | 1.0 | 1.3 | .3 | | | | | | | | | 2.6 | 4.1 |
| SSE | 2.7 | 1.5 | | .1 | .1 | | | | | | | 4.4 | 3.6 |
| S | 6.0 | 3.1 | .6 | .3 | .1 | | | | | | | 10.2 | 3.7 |
| SSW | 7.3 | 3.9 | .8 | | | | | | | | | 11.9 | 3.3 |
| SW | 2.8 | 2.5 | .4 | | | | | | | | | 5.7 | 3.8 |
| WSW | 1.9 | 1.7 | .1 | | | | | | | | | 3.7 | 3.6 |
| W | 1.9 | 1.2 | .2 | .1 | | | | | | | | 3.4 | 3.5 |
| WNW | 1.9 | 1.6 | | | | | | | | | | 3.5 | 3.4 |
| NW | 3.2 | 2.2 | .5 | | | | | | | | | 5.9 | 3.6 |
| NNW | 2.3 | 1.5 | .2 | | | | | | | | | 4.0 | 3.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.8 | |
| | 41.7 | 25.3 | 5.4 | .6 | .2 | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 2.0 | 1.2 | .1 | | | | | | | | 5.3 | 4.5 |
| NNE | 2.0 | 1.3 | .5 | .0 | | | | | | | | 3.7 | 3.8 |
| NE | 2.4 | 1.4 | .4 | .0 | | | | | | | | 4.2 | 3.6 |
| ENE | 2.2 | 1.8 | .7 | .0 | | | | | | | | 4.7 | 4.1 |
| E | 2.7 | 2.7 | 1.2 | .1 | | | | | | | | 6.6 | 4.4 |
| ESE | 1.4 | 1.4 | 1.0 | .1 | | | | | | | | 4.0 | 4.9 |
| SE | 1.2 | 1.4 | 1.0 | .1 | | | | | | | | 3.6 | 5.0 |
| SSE | 1.6 | 2.0 | .9 | .1 | .0 | | | | | | | 4.6 | 4.8 |
| S | 3.3 | 3.3 | 1.5 | .6 | .0 | | | | | | | 8.7 | 5.0 |
| SSW | 2.2 | 2.4 | 1.5 | .5 | .0 | | | | | | | 6.6 | 5.4 |
| SW | 1.6 | 1.7 | .8 | .2 | | | | | | | | 4.3 | 4.9 |
| WSW | 1.8 | 1.8 | .7 | .1 | .0 | .0 | | | | | | 4.4 | 4.6 |
| W | 2.0 | 2.3 | 1.0 | .1 | .0 | | | | | | | 5.4 | 4.6 |
| WNW | 1.5 | 1.3 | .9 | .1 | | | | | | | | 3.9 | 4.9 |
| NW | 1.5 | 2.0 | 1.0 | .1 | | | | | | | | 4.6 | 4.9 |
| NNW | 1.9 | 1.8 | .6 | .2 | | .0 | | | | | | 4.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.7 | |
| | 31.3 | 30.7 | 14.7 | 2.4 | .1 | .0 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNOTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.7 | .3 | | | | | | | | | 3.1 | 4.2 |
| NNE | 1.7 | .6 | .1 | | | | | | | | | 2.3 | 2.8 |
| NE | 3.1 | 1.9 | .1 | | | | | | | | | 5.1 | 3.1 |
| ENE | 3.3 | 1.3 | .2 | | | | | | | | | 4.9 | 3.1 |
| E | 3.2 | 1.6 | | | | | | | | | | 4.8 | 2.8 |
| ESE | .4 | .1 | | | | | | | | | | .6 | 2.2 |
| SE | .7 | .3 | .1 | | | | | | | | | 1.1 | 3.5 |
| SSE | 1.4 | .4 | .1 | | | | | | | | | 2.0 | 2.8 |
| S | 3.0 | 1.2 | | | | | | | | | | 4.2 | 2.6 |
| SSW | 3.1 | 1.1 | | | | | | | | | | 4.2 | 2.6 |
| SW | 4.3 | 1.6 | | | | | | | | | | 5.9 | 2.7 |
| WSW | 4.0 | 1.1 | | | | | | | | | | 5.1 | 2.6 |
| W | 2.6 | 1.0 | | | | | | | | | | 3.6 | 2.8 |
| WNW | 1.7 | .6 | | | | | | | | | | 2.2 | 2.8 |
| NW | 2.3 | 1.0 | | | | | | | | | | 3.3 | 3.1 |
| NNW | .9 | 1.3 | .1 | | | | | | | | | 2.3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 45.2 | |
| | 36.9 | 16.0 | 1.1 | | | | | | | | | 100.0 | 1.6 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03650 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | .7 | .1 | | | | | | | | | 2.1 | 3.5 |
| NNE | 2.8 | 1.8 | | | | | | | | | | 4.6 | 3.3 |
| NE | 3.8 | 2.6 | | | | | | | | | | 6.3 | 3.0 |
| ENE | 3.3 | 1.1 | .2 | .3 | | | | | | | | 5.0 | 3.7 |
| E | 2.9 | .9 | .1 | | | | | | | | | 3.9 | 2.7 |
| ESE | .3 | .4 | | | | | | | | | | .8 | 3.9 |
| SE | .6 | .3 | | | | | | | | | | .9 | 3.4 |
| SSE | .4 | .1 | .1 | | | | | | | | | .7 | 3.3 |
| S | 1.3 | .8 | | | | | | | | | | 2.1 | 2.8 |
| SSW | 2.6 | .9 | | | | | | | | | | 3.4 | 2.7 |
| SW | 3.1 | 1.3 | .1 | | | | | | | | | 4.6 | 3.0 |
| WSW | 2.9 | .6 | | | | | | | | | | 3.4 | 2.6 |
| W | 3.6 | .8 | | | | | | | | | | 4.3 | 2.5 |
| WNW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.5 |
| NW | 3.1 | 1.0 | | | | | | | | | | 4.1 | 2.7 |
| NNW | 2.2 | 1.8 | .1 | | | | | | | | | 4.1 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 48.3 | |
| | 35.3 | 15.4 | .8 | .3 | | | | | | | | 100.0 | 1.5 |

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.2 | .7 | .1 | | | | | | | | 6.2 | 4.1 |
| NNE | 3.3 | 1.9 | .6 | | | | | | | | | 5.8 | 3.4 |
| NE | 3.0 | 2.4 | .3 | | | | | | | | | 5.8 | 3.7 |
| ENE | 3.8 | 3.1 | .6 | .1 | | | | | | | | 7.6 | 3.8 |
| E | 4.1 | 3.1 | .8 | .1 | | | | | | | | 8.1 | 3.9 |
| ESE | 1.2 | 1.2 | .2 | | | | | | | | | 2.6 | 3.8 |
| SE | 1.2 | 1.0 | .4 | | | | | | | | | 2.7 | 4.1 |
| SSE | 1.9 | .4 | .2 | | | | | | | | | 2.6 | 3.0 |
| S | 3.4 | 1.8 | .1 | | | | | | | | | 5.3 | 3.0 |
| SSW | 1.8 | .9 | .1 | | | | | | | | | 2.8 | 3.2 |
| SW | 2.1 | 1.0 | .4 | | | | | | | | | 3.6 | 3.4 |
| WSW | 1.8 | 2.3 | .9 | .1 | | | | | | | | 5.1 | 4.8 |
| W | 3.1 | 3.3 | .9 | | | | | | | | | 7.3 | 4.1 |
| WNW | 1.6 | 1.4 | .1 | | | | | | | | | 3.1 | 3.7 |
| NW | 2.0 | 1.3 | .3 | .1 | | | | | | | | 3.8 | 4.0 |
| NNW | 2.6 | 2.6 | .2 | | | | | | | | | 5.3 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.4 | |
| | 40.1 | 30.0 | 6.9 | .6 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 1.9 | .8 | | | | | | | | | 5.7 | 3.8 |
| NNE | 2.3 | 2.4 | .6 | | | | | | | | | 5.3 | 4.3 |
| NE | 2.0 | 2.0 | .9 | | | | | | | | | 4.9 | 4.3 |
| ENE | 2.2 | 3.0 | 1.9 | .2 | | | | | | | | 7.3 | 5.1 |
| E | 2.6 | 3.8 | 1.2 | .2 | | | | | | | | 7.8 | 4.8 |
| ESE | 2.4 | 2.0 | .2 | | | | | | | | | 4.7 | 3.5 |
| SE | 1.6 | 1.3 | | .3 | | | | | | | | 3.2 | 4.1 |
| SSE | 1.7 | 1.3 | .2 | .1 | | | | | | | | 3.3 | 3.9 |
| S | 1.7 | 2.7 | 1.0 | | | | | | | | | 5.3 | 4.5 |
| SSW | 2.6 | 2.7 | .9 | | | | | | | | | 6.1 | 4.3 |
| SW | 1.3 | 2.4 | .7 | | | | | | | | | 4.4 | 4.6 |
| WSW | 2.6 | 2.4 | 1.1 | .1 | | | | | | | | 6.2 | 4.3 |
| W | 2.9 | 4.9 | 3.1 | .8 | | | | | | | | 11.7 | 5.6 |
| WNW | 1.9 | 3.2 | .7 | | | | | | | | | 5.8 | 4.6 |
| NW | 1.7 | 2.7 | .9 | | | | | | | | | 5.2 | 4.5 |
| NNW | 2.1 | 2.0 | .6 | | | | | | | | | 4.7 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.3 | |
| | 34.4 | 40.8 | 14.7 | 1.8 | | | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.4 | 1.9 | .1 | .1 | | | | | | | 7.0 | 5.3 |
| NNE | .8 | 1.6 | .6 | | | | | | | | | 2.9 | 4.8 |
| NE | 1.8 | 2.3 | 1.2 | .1 | | | | | | | | 5.4 | 5.1 |
| ENE | 1.9 | 3.1 | 1.6 | | | | | | | | | 6.6 | 4.9 |
| E | 3.2 | 3.7 | 1.9 | .2 | | | | | | | | 9.0 | 4.8 |
| ESE | 1.0 | 2.1 | .6 | .1 | | | | | | | | 3.8 | 4.9 |
| SE | 1.3 | .6 | .3 | .2 | | | | | | | | 2.4 | 4.8 |
| SSE | 1.4 | 2.0 | .1 | | | | | | | | | 3.6 | 4.1 |
| S | 2.0 | 1.4 | 1.7 | .1 | | | | | | | | 5.2 | 4.9 |
| SSW | 1.8 | 2.2 | 1.9 | .3 | | | | | | | | 6.2 | 5.6 |
| SW | 1.4 | 1.8 | 1.7 | .3 | | | | | | | | 5.2 | 5.8 |
| WSW | 1.3 | 3.3 | 1.9 | .3 | | | | | | | | 6.9 | 5.9 |
| W | 2.6 | 4.4 | 2.7 | .7 | .1 | | | | | | | 10.4 | 5.7 |
| WNW | 2.2 | 3.0 | 1.4 | | | | | | | | | 6.7 | 4.9 |
| NW | 1.6 | 2.7 | 1.9 | .2 | .1 | | | | | | | 6.4 | 5.7 |
| NNW | 2.2 | 2.0 | 1.7 | .4 | | | | | | | | 6.3 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 29.0 | 38.7 | 22.9 | 3.2 | .3 | | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 3.6 | 1.9 | | | | | | | | | 7.6 | 5.0 |
| NNE | 2.3 | 1.8 | .8 | | | | | | | | | 4.9 | 4.2 |
| NE | 1.8 | 2.1 | .9 | | | | | | | | | 4.8 | 4.4 |
| ENE | 2.4 | 3.0 | .9 | | | | | | | | | 6.3 | 4.3 |
| E | 3.2 | 4.1 | .7 | | | | | | | | | 8.0 | 4.1 |
| ESE | 2.2 | 1.7 | .9 | .1 | | | | | | | | 4.9 | 4.3 |
| SE | 1.2 | 1.6 | .2 | | | | | | | | | 3.0 | 4.0 |
| SSE | 1.7 | 1.6 | .4 | | | | | | | | | 3.7 | 4.0 |
| S | 1.8 | 2.6 | 1.4 | .4 | | | | | | | | 6.2 | 5.2 |
| SSW | .8 | 2.4 | 3.9 | .4 | | | | | | | | 7.6 | 6.9 |
| SW | .3 | 2.1 | 1.6 | .3 | | | | | | | | 4.3 | 6.8 |
| WSW | 1.4 | 2.8 | 1.4 | .4 | | | | | | | | 6.1 | 5.8 |
| W | 2.6 | 3.8 | 1.2 | .1 | | | | | | | | 7.7 | 4.5 |
| WNW | 2.1 | 3.0 | .8 | .1 | | | | | | | | 6.0 | 4.7 |
| NW | .7 | 3.4 | .9 | .2 | | | | | | | | 5.2 | 5.3 |
| NNW | 1.6 | 2.9 | 1.4 | .1 | | | | | | | | 6.0 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 28.2 | 42.3 | 19.3 | 2.3 | | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 2.3 | .4 | .1 | | | | | | | | 6.8 | 3.6 |
| NNE | 2.2 | .4 | .3 | | | | | | | | | 3.0 | 3.1 |
| NE | 3.1 | .8 | .2 | | | | | | | | | 4.1 | 2.9 |
| ENE | 3.0 | 1.7 | .1 | | | | | | | | | 4.8 | 3.2 |
| E | 3.2 | 2.2 | .4 | | | | | | | | | 5.9 | 3.6 |
| ESE | 1.1 | .8 | .1 | | | | | | | | | 2.0 | 3.8 |
| SE | 1.8 | .7 | | | | | | | | | | 2.4 | 3.0 |
| SSE | .9 | .9 | .1 | | | | | | | | | 1.9 | 3.4 |
| S | 3.8 | 4.0 | 1.3 | | | | | | | | | 9.1 | 4.3 |
| SSW | 2.7 | 5.2 | 1.7 | .1 | | | | | | | | 9.7 | 4.7 |
| SW | 1.8 | 2.6 | 1.2 | | | | | | | | | 5.6 | 4.7 |
| WSW | 1.6 | 1.9 | .3 | | | | | | | | | 3.8 | 4.0 |
| W | 2.9 | 1.3 | .3 | | | | | | | | | 4.6 | 3.4 |
| WNW | 1.2 | .6 | .1 | | | | | | | | | 1.9 | 3.2 |
| NW | 2.6 | 2.2 | .6 | .2 | | | | | | | | 5.6 | 4.2 |
| NNW | 2.6 | 2.1 | .1 | .1 | .1 | | | | | | | 5.0 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.0 | |
| | 38.2 | 29.7 | 7.4 | .6 | .1 | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 1.6 | .1 | .1 | | | | | | | | 3.9 | 3.7 |
| NNE | 2.0 | 1.1 | .1 | | | | | | | | | 3.2 | 3.3 |
| NE | 2.2 | .6 | .1 | | | | | | | | | 2.9 | 2.7 |
| ENE | 2.3 | 1.9 | .2 | | | | | | | | | 4.4 | 3.5 |
| E | 3.1 | .8 | | | | | | | | | | 3.9 | 2.7 |
| ESE | 1.9 | .2 | | | | | | | | | | 2.1 | 2.5 |
| SE | 1.7 | .1 | | | | | | | | | | 1.8 | 2.4 |
| SSE | 1.4 | 1.1 | .2 | | | | | | | | | 2.8 | 3.6 |
| S | 5.0 | 2.7 | .2 | | | | | | | | | 7.9 | 3.0 |
| SSW | 4.8 | 3.6 | | | | | | | | | | 8.3 | 3.3 |
| SW | 4.2 | 2.7 | | | | | | | | | | 6.9 | 3.1 |
| WSW | 2.4 | 1.6 | .2 | | | | | | | | | 4.2 | 3.3 |
| W | 2.4 | .9 | | | | | | | | | | 3.3 | 3.0 |
| WNW | .9 | | | .1 | | | | | | | | 1.0 | 2.9 |
| NW | 1.9 | .9 | .2 | .1 | | | | | | | | 3.1 | 3.5 |
| NNW | 2.8 | .6 | .6 | | | | | | | | | 3.9 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.3 | |
| | 41.2 | 20.1 | 2.0 | .3 | | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.0 | .8 | .1 | .0 | | | | | | | 5.3 | 4.3 |
| NNE | 2.2 | 1.4 | .4 | | | | | | | | | 4.0 | 3.7 |
| NE | 2.6 | 1.8 | .5 | .0 | | | | | | | | 4.9 | 3.7 |
| ENE | 2.8 | 2.3 | .7 | .1 | | | | | | | | 5.9 | 4.0 |
| E | 3.2 | 2.5 | .6 | .1 | | | | | | | | 6.4 | 3.9 |
| ESE | 1.3 | 1.1 | .3 | .0 | | | | | | | | 2.7 | 3.9 |
| SE | 1.3 | .7 | .1 | .1 | | | | | | | | 2.2 | 3.8 |
| SSE | 1.4 | 1.0 | .2 | .0 | | | | | | | | 2.6 | 3.6 |
| S | 2.8 | 2.1 | .7 | .1 | | | | | | | | 5.7 | 3.9 |
| SSW | 2.5 | 2.4 | 1.1 | .1 | | | | | | | | 6.0 | 4.5 |
| SW | 2.3 | 1.9 | .7 | .1 | | | | | | | | 5.1 | 4.2 |
| WSW | 2.3 | 2.0 | .7 | .1 | | | | | | | | 5.1 | 4.4 |
| W | 2.8 | 2.6 | 1.0 | .2 | .0 | | | | | | | 6.6 | 4.5 |
| WNW | 1.6 | 1.5 | .4 | .0 | | | | | | | | 3.5 | 4.2 |
| NW | 2.0 | 1.9 | .6 | .1 | .0 | | | | | | | 4.6 | 4.3 |
| NNW | 2.1 | 1.9 | .6 | .1 | .0 | | | | | | | 4.7 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.8 | |
| | 35.4 | 29.2 | 9.4 | 1.1 | .1 | | | | | | | 100.0 | 3.1 |

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | .3 | | | | | | | | | | 1.1 | 2.6 |
| NNE | 1.3 | .1 | | | | | | | | | | 1.4 | 2.2 |
| NE | 2.7 | .4 | | | | | | | | | | 3.1 | 2.5 |
| ENE | 2.6 | .5 | | | | | | | | | | 3.1 | 2.5 |
| E | 2.8 | 1.4 | .4 | | | | | | | | | 4.6 | 3.5 |
| ESE | 1.1 | 1.5 | .1 | | | | | | | | | 2.7 | 3.4 |
| SE | .9 | .5 | .3 | | | | | | | | | 1.7 | 4.0 |
| SSE | .9 | .6 | .2 | | | | | | | | | 1.7 | 3.7 |
| S | 3.4 | .6 | .1 | | | | | | | | | 4.2 | 2.4 |
| SSW | 3.7 | 1.3 | | | | | | | | | | 5.0 | 2.7 |
| SW | 4.8 | 1.9 | .1 | | | | | | | | | 6.9 | 3.0 |
| WSW | 3.7 | 2.0 | | | | | | | | | | 5.7 | 2.9 |
| W | 5.2 | 1.4 | | | | | | | | | | 6.6 | 2.6 |
| WNW | 1.7 | .3 | | | | | | | | | | 2.0 | 2.4 |
| NW | 1.3 | .4 | | | | | | | | | | 1.7 | 2.8 |
| NNW | 1.1 | .4 | | | | | | | | | | 1.5 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 46.9 | |
| | 37.8 | 14.0 | 1.3 | | | | | | | | | 100.0 | 1.5 |

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) C300-0500 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | .2 | | | | | | | | | | 1.7 | 2.3 |
| NNE | 1.4 | .2 | | | | | | | | | | 1.6 | 2.2 |
| NE | 3.2 | .5 | .1 | | | | | | | | | 3.9 | 2.4 |
| ENE | 3.5 | .9 | .2 | | | | | | | | | 4.6 | 2.8 |
| E | 3.7 | 2.2 | | | | | | | | | | 5.8 | 3.3 |
| ESE | 1.6 | .4 | .3 | | | | | | | | | 2.4 | 3.5 |
| SE | .6 | .2 | .3 | | | | | | | | | 1.2 | 4.1 |
| SSE | 1.2 | .2 | .1 | | | | | | | | | 1.5 | 2.9 |
| S | 2.2 | .4 | | | | | | | | | | 2.6 | 2.3 |
| SSW | 1.8 | .8 | | | | | | | | | | 2.6 | 2.5 |
| SW | 2.2 | .5 | | | | | | | | | | 2.7 | 2.6 |
| WSW | 3.7 | .8 | | | | | | | | | | 4.4 | 2.5 |
| W | 5.1 | 2.0 | .1 | | | | | | | | | 7.2 | 2.8 |
| WNW | 3.0 | .5 | | | | | | | | | | 3.5 | 2.2 |
| NW | 3.0 | .6 | | | | | | | | | | 3.7 | 2.5 |
| NNW | 1.2 | .1 | | | | | | | | | | 1.3 | 2.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 49.4 | |
| | 38.8 | 10.6 | 1.2 | | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | .9 | | | | | | | | | | 2.9 | 2.8 |
| NNE | 1.4 | .5 | .1 | | | | | | | | | 2.0 | 2.9 |
| NE | 3.0 | 1.3 | .1 | .1 | | | | | | | | 4.5 | 3.0 |
| ENE | 3.3 | 1.7 | .4 | | | | | | | | | 5.5 | 3.3 |
| E | 5.9 | 4.4 | .6 | .2 | | | | | | | | 11.2 | 3.7 |
| ESE | 2.3 | 1.2 | .5 | .1 | | | | | | | | 4.1 | 3.9 |
| SE | 1.4 | 1.2 | .2 | | | | | | | | | 2.8 | 3.8 |
| SSE | .5 | .8 | .1 | | | | | | | | | 1.4 | 3.9 |
| S | 2.3 | 1.6 | .2 | | | | | | | | | 4.1 | 3.5 |
| SSW | 1.8 | 1.4 | .2 | | | | | | | | | 3.4 | 3.8 |
| SW | 2.3 | 1.2 | .3 | | | | | | | | | 3.8 | 3.5 |
| WSW | 2.3 | 2.7 | .3 | | | | | | | | | 5.3 | 3.7 |
| W | 4.3 | 4.9 | .4 | | | | | | | | | 9.7 | 3.6 |
| WNW | 2.7 | 1.8 | .3 | | | | | | | | | 4.8 | 3.4 |
| NW | 3.1 | 1.7 | .2 | | | | | | | | | 5.1 | 3.3 |
| NNW | 1.9 | 2.6 | .1 | | | | | | | | | 4.6 | 3.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.8 | |
| | 40.5 | 29.9 | 4.3 | .4 | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.8 | .1 | .1 | | | | | | | | 3.7 | 4.1 |
| NNE | 2.0 | .9 | .1 | | | | | | | | | 3.0 | 3.0 |
| NE | 1.6 | 1.4 | .2 | | | | | | | | | 3.2 | 3.6 |
| ENE | 2.0 | 2.2 | .5 | | | | | | | | | 4.7 | 4.0 |
| E | 3.5 | 3.0 | 1.5 | .1 | | | | | | | | 8.2 | 4.4 |
| ESE | 2.2 | 3.1 | 1.0 | .2 | | | | | | | | 6.5 | 4.9 |
| SE | 1.6 | 1.6 | .4 | .1 | | | | | | | | 3.8 | 4.6 |
| SSE | 2.2 | 1.2 | .2 | | | | | | | | | 3.5 | 3.5 |
| S | 2.2 | 1.8 | .9 | .1 | | | | | | | | 4.9 | 4.4 |
| SSW | 1.9 | 2.7 | .6 | | | | | | | | | 5.3 | 4.2 |
| SW | 1.7 | 2.2 | .4 | | | | | | | | | 4.3 | 4.2 |
| WSW | 3.0 | 2.9 | .9 | | | | | | | | | 6.8 | 4.2 |
| W | 4.5 | 4.9 | 2.4 | .1 | | | | | | | | 11.9 | 4.5 |
| WNW | 3.7 | 3.4 | 1.0 | .1 | | | | | | | | 8.2 | 4.1 |
| NW | 2.0 | 3.0 | 1.0 | | | | | | | | | 6.0 | 4.4 |
| NNW | 2.6 | 2.9 | 1.0 | .2 | | | | | | | | 6.7 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 38.4 | 39.0 | 12.2 | 1.1 | | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 1.8 | .5 | | | | | | | | | 4.7 | 3.9 |
| NNE | 1.1 | .8 | .1 | | | | | | | | | 1.9 | 3.7 |
| NE | 1.3 | 1.4 | .5 | | | | | | | | | 3.2 | 4.2 |
| ENE | 1.7 | 1.8 | .8 | | .1 | | | | | | | 4.4 | 4.4 |
| E | 2.5 | 3.4 | 2.4 | | | | | | | | | 8.3 | 5.1 |
| ESE | 1.4 | 3.3 | 1.5 | .5 | | | | | | | | 6.8 | 5.8 |
| SE | 1.5 | 1.7 | .8 | .2 | | | | | | | | 4.2 | 5.1 |
| SSE | 1.8 | 2.2 | 1.3 | .1 | | | | | | | | 5.4 | 4.9 |
| S | 2.5 | 4.7 | 1.5 | .1 | | | | | | | | 8.8 | 4.9 |
| SSW | 1.5 | 3.4 | 1.9 | .2 | | | | | | | | 7.1 | 5.5 |
| SW | 1.4 | 1.6 | 1.2 | .3 | | | | | | | | 4.5 | 5.9 |
| WSW | 1.2 | 3.5 | 1.8 | | | | | | | | | 6.6 | 5.4 |
| W | 3.9 | 4.7 | 2.3 | .3 | | | | | | | | 11.2 | 4.9 |
| WNW | 1.7 | 3.0 | 1.1 | .1 | | | | | | | | 5.9 | 4.9 |
| NW | 1.1 | 2.8 | 1.6 | .2 | .1 | | | | | | | 5.8 | 5.9 |
| NNW | 2.0 | 2.2 | 1.0 | .1 | | | | | | | | 5.3 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 28.9 | 42.5 | 20.2 | 2.3 | .2 | | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.0 | .5 | .2 | .1 | | | | | | | 3.2 | 5.4 |
| NNE | 2.0 | .3 | .4 | .3 | .1 | | | | | | | 3.2 | 4.9 |
| NE | 1.2 | 1.7 | .3 | | | | | | | | | 3.2 | 4.1 |
| ENE | 2.8 | 1.6 | .8 | | | | | | | | | 5.2 | 3.8 |
| E | 2.8 | 3.2 | 1.0 | .2 | | | | | | | | 7.2 | 4.6 |
| ESE | 2.2 | 1.8 | 1.0 | .2 | | | | | | | | 5.2 | 4.7 |
| SE | .9 | 1.5 | .6 | .1 | | | | | | | | 3.1 | 5.2 |
| SSE | 2.7 | 2.0 | .9 | .3 | | | | | | | | 5.9 | 4.5 |
| S | 4.4 | 4.1 | 2.6 | .2 | | | | | | | | 11.3 | 4.8 |
| SSW | 1.5 | 3.2 | 2.8 | .3 | | | | | | | | 7.8 | 5.8 |
| SW | 1.0 | 2.8 | 2.9 | .2 | | | | | | | | 6.9 | 6.2 |
| WSW | 2.0 | 3.2 | 1.5 | .1 | | | | | | | | 6.9 | 5.1 |
| W | 2.5 | 4.9 | 2.0 | .1 | | | | | | | | 9.6 | 5.1 |
| WNW | 1.5 | 1.9 | 1.3 | .1 | | | | | | | | 4.8 | 5.1 |
| NW | 1.1 | 2.4 | 1.5 | | | | | | | | | 4.9 | 5.3 |
| NNW | 1.1 | 2.8 | .6 | .2 | | .1 | | | | | | 4.8 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.7 | |
| | 31.0 | 38.6 | 20.8 | 2.7 | .2 | .1 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | .5 | | | | | | | | | | 2.2 | 2.9 |
| NNE | 1.2 | .9 | .2 | .1 | | | | | | | | 2.4 | 3.8 |
| NE | 1.3 | .4 | | .1 | | | | | | | | 1.8 | 3.2 |
| ENE | 2.5 | 1.0 | .1 | | | | | | | | | 3.5 | 2.9 |
| E | 4.6 | 1.3 | .5 | .3 | | | | | | | | 6.8 | 3.8 |
| ESE | .9 | 1.0 | .2 | .2 | | | | | | | | 2.3 | 4.7 |
| SE | 1.6 | 1.3 | .5 | | | | | | | | | 3.4 | 4.2 |
| SSE | 4.0 | .6 | .5 | | | | | | | | | 5.2 | 3.1 |
| S | 4.7 | 3.3 | .5 | | | | | | | | | 8.6 | 3.4 |
| SSW | 3.9 | 5.5 | 1.2 | .2 | | | | | | | | 10.8 | 4.3 |
| SW | 4.6 | 3.2 | .8 | .1 | | | | | | | | 8.7 | 3.9 |
| WSW | 3.1 | 2.4 | .9 | .1 | | | | | | | | 6.5 | 4.2 |
| W | 3.7 | 2.5 | .3 | .1 | | | | | | | | 6.6 | 3.8 |
| WNW | 1.7 | .6 | .2 | | | | | | | | | 2.6 | 3.4 |
| NW | 1.4 | 1.8 | .4 | | | | | | | | | 3.7 | 4.1 |
| NNW | 2.0 | .1 | | .1 | | | | | | | | 2.3 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.9 | |
| | 42.8 | 26.5 | 6.5 | 1.4 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03855 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | .3 | .1 | .1 | | | | | | | | 1.2 | 4.5 |
| NNE | .9 | .5 | | .1 | | | | | | | | 1.5 | 3.7 |
| NE | 1.7 | .4 | | | | | | | | | | 2.2 | 2.7 |
| ENE | 1.5 | .8 | .1 | | | | | | | | | 2.4 | 3.0 |
| E | 4.0 | 1.4 | .3 | | | | | | | | | 5.7 | 3.0 |
| ESE | 1.6 | .9 | .2 | .2 | | | | | | | | 2.9 | 4.1 |
| SE | 1.1 | .3 | .3 | | | | | | | | | 1.7 | 3.3 |
| SSE | 2.2 | 1.0 | .4 | .1 | | | | | | | | 3.7 | 3.7 |
| S | 5.8 | 1.7 | | | | | | | | | | 7.5 | 2.6 |
| SSW | 4.9 | 2.6 | .3 | | | | | | | | | 7.8 | 3.1 |
| SW | 3.8 | 2.5 | .3 | | | | | | | | | 6.6 | 3.4 |
| WSW | 4.5 | 3.1 | .1 | | | | | | | | | 7.7 | 3.3 |
| W | 4.6 | 2.4 | .1 | | | | | | | | | 7.1 | 2.9 |
| WNW | 1.6 | .5 | | .1 | | | | | | | | 2.3 | 3.4 |
| NW | .6 | .8 | .1 | | | | | | | | | 1.5 | 3.9 |
| NNW | .8 | | .1 | | | | | | | | | .9 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.4 | |
| | 40.2 | 19.1 | 2.6 | .6 | | | | | | | | 100.0 | 2.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | .9 | .2 | .1 | .0 | | | | | | | 2.6 | 3.7 |
| NNE | 1.4 | .5 | .1 | .1 | .0 | | | | | | | 2.1 | 3.5 |
| NE | 2.0 | 1.0 | .2 | .0 | | | | | | | | 3.1 | 3.2 |
| ENE | 2.5 | 1.3 | .4 | | .0 | | | | | | | 4.2 | 3.4 |
| E | 3.7 | 2.5 | .8 | .1 | | | | | | | | 7.2 | 4.0 |
| ESE | 1.6 | 1.7 | .6 | .2 | | | | | | | | 4.1 | 4.6 |
| SE | 1.2 | 1.0 | .4 | .1 | | | | | | | | 2.7 | 4.4 |
| SSE | 1.9 | 1.1 | .5 | .1 | | | | | | | | 3.5 | 3.9 |
| S | 3.4 | 2.3 | .7 | .1 | | | | | | | | 6.5 | 3.8 |
| SSW | 2.6 | 2.6 | .9 | .1 | | | | | | | | 6.2 | 4.2 |
| SW | 2.7 | 2.0 | .8 | .1 | | | | | | | | 5.5 | 4.1 |
| WSW | 2.9 | 2.6 | .7 | .0 | | | | | | | | 6.2 | 4.0 |
| W | 4.2 | 3.5 | 1.0 | .1 | | | | | | | | 8.7 | 3.9 |
| WNW | 2.2 | 1.5 | .5 | .1 | | | | | | | | 4.3 | 3.9 |
| NW | 1.7 | 1.7 | .6 | .0 | .0 | | | | | | | 4.0 | 4.3 |
| NNW | 1.6 | 1.4 | .3 | .1 | | .0 | | | | | | 3.4 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.4 | |
| | 37.3 | 27.5 | 8.6 | 1.1 | .1 | .0 | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 03850 | FT RUCKER AL | 69-70,73-80 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | .8 | | | | | | | | | | 1.7 | 3.3 |
| NNE | 2.4 | .5 | .1 | | | | | | | | | 3.0 | 2.6 |
| NE | 5.7 | 2.3 | .1 | | | | | | | | | 8.1 | 2.7 |
| ENE | 5.5 | 1.7 | .5 | | | | | | | | | 7.7 | 3.0 |
| E | 3.8 | 1.6 | .1 | | | | | | | | | 5.5 | 2.8 |
| ESE | 1.3 | .1 | .1 | | | | | | | | | 1.5 | 2.6 |
| SE | .3 | .2 | .2 | | | | | | | | | .8 | 4.6 |
| SSE | 1.2 | .1 | | | | | | | | | | 1.3 | 2.2 |
| S | 1.6 | .3 | | | | | | | | | | 1.9 | 2.4 |
| SSW | 1.8 | .3 | | .1 | | | | | | | | 2.3 | 2.9 |
| SW | 1.5 | .5 | | | | | | | | | | 2.0 | 2.8 |
| WSW | 2.7 | .5 | | | | | | | | | | 3.2 | 2.5 |
| W | 2.6 | 1.2 | | | | | | | | | | 3.8 | 2.8 |
| WNW | 1.0 | .2 | | | | | | | | | | 1.2 | 2.5 |
| NW | 1.6 | .2 | | | | | | | | | | 1.8 | 2.3 |
| NNW | .9 | .2 | | | | | | | | | | 1.1 | 2.5 |
| VARBL | | | | | | | | | | | | | |
| C .LM | | | | | | | | | | | | 53.1 | |
| | 34.7 | 10.9 | 1.2 | .1 | | | | | | | | 100.0 | 1.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | .6 | .1 | | | | | | | | | 2.7 | 2.7 |
| NNE | 4.2 | 1.7 | | | | | | | | | | 5.9 | 2.7 |
| NE | 7.4 | 2.0 | .1 | | | | | | | | | 9.4 | 2.7 |
| ENE | 6.5 | 1.8 | .1 | | | | | | | | | 8.4 | 2.6 |
| E | 4.1 | .8 | .2 | | | | | | | | | 5.1 | 2.8 |
| ESE | .9 | .1 | .2 | | | | | | | | | 1.2 | 3.5 |
| SE | .4 | .1 | .1 | .1 | | | | | | | | .8 | 4.9 |
| SSE | .1 | .5 | | | | | | | | | | .6 | 3.7 |
| S | 1.1 | .1 | | | | | | | | | | 1.2 | 2.1 |
| SSW | .9 | .2 | | | | | | | | | | 1.1 | 2.2 |
| SW | .6 | .5 | | | | | | | | | | 1.2 | 2.7 |
| WSW | 1.3 | .2 | | | | | | | | | | 1.5 | 2.4 |
| W | 2.4 | .4 | | | | | | | | | | 2.8 | 2.5 |
| WNW | 1.0 | .2 | | | | | | | | | | 1.2 | 2.5 |
| NW | 1.5 | .3 | | | | | | | | | | 1.8 | 2.4 |
| NNW | .9 | .2 | | | | | | | | | | 1.1 | 2.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 53.9 | |
| | 35.1 | 10.0 | .9 | .1 | | | | | | | | 100.0 | 1.2 |

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 1.1 | | | | | | | | | | 4.6 | 2.5 |
| NNE | 3.0 | 1.7 | .1 | | | | | | | | | 4.8 | 3.1 |
| NE | 6.0 | 3.7 | .3 | | | | | | | | | 10.0 | 3.1 |
| ENE | 8.1 | 3.2 | .5 | | | | | | | | | 11.8 | 3.1 |
| E | 7.7 | 4.7 | .5 | | | | | | | | | 13.0 | 3.2 |
| ESE | 2.0 | 1.2 | .3 | .1 | | | | | | | | 3.7 | 3.6 |
| SE | 1.7 | .4 | .2 | .1 | | | | | | | | 2.5 | 3.2 |
| SSE | 1.0 | .4 | .1 | | | | | | | | | 1.5 | 2.9 |
| S | 1.0 | .8 | | | | | | | | | | 1.7 | 3.2 |
| SSW | .8 | .4 | .1 | | | | | | | | | 1.3 | 3.3 |
| SW | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 3.1 |
| WSW | 1.0 | .6 | | | | | | | | | | 1.6 | 3.2 |
| W | 3.2 | .5 | .1 | | | | | | | | | 3.9 | 2.6 |
| WNW | 1.3 | 1.2 | .1 | | | | | | | | | 2.6 | 3.5 |
| NW | 2.0 | .9 | | | | | | | | | | 2.9 | 2.8 |
| NNW | 2.0 | .6 | .2 | | | | | | | | | 2.9 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.9 | |
| | 45.4 | 21.7 | 2.8 | .2 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 1.1 | .1 | | | | | | | | | 4.3 | 2.8 |
| NNE | 2.2 | 1.0 | .2 | | | | | | | | | 3.3 | 3.2 |
| NE | 3.1 | 2.3 | .8 | .1 | | | | | | | | 6.2 | 4.1 |
| ENE | 3.8 | 3.2 | 1.7 | .1 | | | | | | | | 8.8 | 4.5 |
| E | 5.7 | 6.1 | 3.1 | .4 | | | | | | | | 15.4 | 4.7 |
| ESE | 3.0 | 3.7 | .4 | .1 | | | | | | | | 7.2 | 3.8 |
| SE | 1.9 | 1.3 | .4 | .3 | | | | | | | | 4.0 | 4.6 |
| SSE | 2.4 | 1.7 | .1 | | | | | | | | | 4.2 | 3.5 |
| S | 2.4 | 1.6 | .1 | .1 | | | | | | | | 4.2 | 3.8 |
| SSW | 2.6 | 1.3 | .2 | .2 | | | | | | | | 4.3 | 3.5 |
| SW | 1.4 | .9 | | .1 | | | | | | | | 2.4 | 3.4 |
| WSW | .9 | 1.7 | .3 | | | | | | | | | 2.9 | 4.6 |
| W | 2.9 | 1.6 | .8 | | .1 | | | | | | | 5.4 | 4.2 |
| WNW | 2.4 | 1.5 | .2 | | | | | | | | | 4.1 | 3.4 |
| NW | 1.6 | 2.3 | .3 | | | | | | | | | 4.2 | 3.9 |
| NNW | 2.0 | 1.5 | .1 | | | | | | | | | 3.7 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.5 | |
| | 41.3 | 32.7 | 8.9 | 1.5 | .1 | | | | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.4 | .4 | | | | | | | | | 4.3 | 4.1 |
| NNE | 1.0 | 1.6 | .5 | .1 | | | | | | | | 3.2 | 4.6 |
| NE | 1.9 | 2.8 | .8 | | | | | | | | | 5.5 | 4.5 |
| ENE | 2.5 | 4.2 | 1.7 | .3 | | | | | | | | 8.7 | 4.9 |
| E | 4.0 | 7.3 | 2.2 | .4 | | | | | | | | 13.9 | 4.8 |
| ESE | 2.7 | 3.2 | .6 | | | | | | | | | 6.6 | 4.1 |
| SE | 1.4 | 2.9 | .8 | | | | | | | | | 5.1 | 4.6 |
| SSE | 2.4 | 2.0 | .9 | | | | | | | | | 5.3 | 4.3 |
| S | 2.3 | 4.8 | 1.6 | .2 | | | | | | | | 8.9 | 5.0 |
| SSW | 1.4 | 3.0 | .8 | .2 | | | | | | | | 5.4 | 4.9 |
| SW | 2.2 | 1.8 | 1.0 | .1 | | | | | | | | 5.1 | 4.4 |
| WSW | 1.7 | 1.9 | .4 | .2 | | | | | | | | 4.3 | 4.5 |
| W | 2.3 | 3.3 | .8 | | .1 | | | | | | | 6.5 | 4.8 |
| WNW | 1.8 | 1.9 | .1 | | | | | | | | | 3.9 | 3.7 |
| NW | .5 | 1.2 | .8 | .1 | | | | | | | | 2.6 | 5.8 |
| NNW | .6 | 1.6 | .8 | | | | | | | | | 3.0 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 30.1 | 46.1 | 14.0 | 1.7 | .1 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 1.5 | .1 | | .1 | | | | | | | 3.9 | 3.9 |
| NNE | 2.0 | 2.3 | .2 | | | | | | | | | 4.5 | 3.8 |
| NE | 1.7 | 3.1 | 1.0 | | | | | | | | | 5.8 | 4.4 |
| ENE | 2.0 | 3.5 | 1.0 | .1 | | | | | | | | 6.7 | 4.6 |
| E | 3.4 | 3.5 | .5 | .1 | | | | | | | | 7.6 | 3.8 |
| ESE | 1.8 | 1.6 | .5 | | | | | | | | | 4.0 | 4.2 |
| SE | 2.2 | 1.9 | .9 | | | | | | | | | 4.9 | 4.2 |
| SSE | 2.5 | 2.8 | .6 | .3 | | | | | | | | 6.2 | 4.6 |
| S | 4.2 | 5.5 | 1.9 | .3 | | | | | | | | 11.9 | 4.7 |
| SSW | 1.8 | 3.2 | 1.3 | .2 | | | | | | | | 6.6 | 5.1 |
| SW | 1.1 | 1.8 | 1.1 | .3 | | | | | | | | 4.3 | 5.6 |
| WSW | 1.8 | 2.9 | 1.2 | .1 | | | | | | | | 6.0 | 5.0 |
| W | 1.9 | 2.0 | .8 | .1 | | | | | | | | 4.8 | 4.4 |
| WNW | 1.1 | 2.0 | .5 | | | | | | | | | 3.7 | 4.6 |
| NW | 1.0 | 2.2 | .5 | | | | | | | | | 3.7 | 4.7 |
| NNW | 1.6 | 1.6 | .8 | .1 | | | | | | | | 4.1 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 32.4 | 41.6 | 12.9 | 1.7 | .1 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 1.1 | .1 | | | | | | | | | 3.5 | 3.0 |
| NNE | 2.5 | 1.0 | .3 | .1 | | | | | | | | 3.9 | 3.3 |
| NE | 3.1 | 1.6 | .2 | | | | | | | | | 4.9 | 2.9 |
| ENE | 3.2 | 1.1 | .3 | | | | | | | | | 4.6 | 2.9 |
| E | 2.2 | 1.3 | .2 | | | | | | | | | 3.7 | 2.9 |
| ESE | 1.6 | .9 | .4 | .2 | | | | | | | | 3.1 | 4.2 |
| SE | 1.7 | .5 | .4 | | | | | | | | | 2.7 | 3.5 |
| SSE | 2.5 | .8 | | | | | | | | | | 3.2 | 2.5 |
| S | 5.2 | 2.4 | .8 | .1 | | | | | | | | 8.4 | 3.4 |
| SSW | 2.8 | 2.5 | .1 | | | | | | | | | 5.4 | 3.5 |
| SW | 2.7 | 1.7 | .6 | .1 | | | | | | | | 5.2 | 4.0 |
| WSW | 1.8 | 2.2 | .4 | | | | | | | | | 4.4 | 3.8 |
| W | 3.1 | 1.3 | .1 | | | | | | | | | 4.5 | 2.9 |
| WNW | 1.9 | .5 | | | | | | | | | | 2.5 | 3.0 |
| NW | 2.2 | 1.2 | .2 | | | | | | | | | 3.5 | 3.4 |
| NNW | 1.5 | 1.0 | .3 | | | | | | | | | 2.8 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 33.7 | |
| | 40.3 | 20.9 | 4.6 | .5 | | | | | | | | 100.0 | 2.2 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.0 | | | | | | | | | | 2.2 | 3.3 |
| NNE | 2.4 | .6 | | | | | | | | | | 3.0 | 2.6 |
| NE | 4.8 | 1.2 | | | | | | | | | | 6.0 | 2.5 |
| ENE | 3.5 | 1.4 | .1 | | | | | | | | | 5.1 | 2.9 |
| E | 3.3 | .8 | .2 | | | | | | | | | 4.3 | 2.6 |
| ESE | 1.7 | .2 | .2 | | | | | | | | | 2.2 | 3.5 |
| SE | 1.6 | .2 | .1 | | | | | | | | | 1.9 | 2.6 |
| SSE | 1.8 | .6 | | | | | | | | | | 2.5 | 2.5 |
| S | 3.5 | .6 | | | | | | | | | | 4.2 | 2.4 |
| SSW | 2.9 | .3 | | | | | | | | | | 3.2 | 2.2 |
| SW | 2.2 | 1.1 | .2 | | | | | | | | | 3.4 | 3.2 |
| WSW | 2.0 | .9 | | | | | | | | | | 2.9 | 2.8 |
| W | 3.0 | 1.0 | | | | | | | | | | 4.0 | 2.8 |
| WNW | 1.2 | .5 | | | | | | | | | | 1.7 | 2.7 |
| NW | 1.3 | .9 | | | | | | | | | | 2.2 | 2.9 |
| NNW | .8 | .8 | | | | | | | | | | 1.5 | 3.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 49.8 | |
| | 37.3 | 12.0 | .9 | | | | | | | | | 100.0 | 1.4 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 1.2 | .1 | | .0 | | | | | | | 3.4 | 3.2 |
| NNE | 2.4 | 1.3 | .2 | .0 | | | | | | | | 4.0 | 3.2 |
| NE | 4.2 | 2.4 | .4 | .0 | | | | | | | | 7.0 | 3.3 |
| ENE | 4.4 | 2.5 | .8 | .1 | | | | | | | | 7.7 | 3.6 |
| E | 4.3 | 3.3 | .9 | .1 | | | | | | | | 8.5 | 3.8 |
| ESE | 1.9 | 1.4 | .4 | .1 | | | | | | | | 3.7 | 3.9 |
| SE | 1.4 | 1.0 | .4 | .1 | | | | | | | | 2.8 | 4.1 |
| SSE | 1.7 | 1.1 | .2 | .0 | | | | | | | | 3.1 | 3.6 |
| S | 2.6 | 2.0 | .6 | .1 | | | | | | | | 5.3 | 4.0 |
| SSW | 1.9 | 1.4 | .3 | .1 | | | | | | | | 3.7 | 3.9 |
| SW | 1.6 | 1.1 | .4 | .1 | | | | | | | | 3.1 | 4.5 |
| WSW | 1.7 | 1.4 | .3 | .0 | | | | | | | | 3.4 | 4.9 |
| W | 2.7 | 1.4 | .3 | .0 | .0 | | | | | | | 4.4 | 4.6 |
| WNW | 1.5 | 1.0 | .1 | | | | | | | | | 2.6 | 3.5 |
| NW | 1.5 | 1.1 | .2 | .0 | | | | | | | | 2.8 | 3.7 |
| NNW | 1.3 | .9 | .3 | .0 | | | | | | | | 2.5 | 3.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.9 | |
| | 37.1 | 24.5 | 5.8 | .7 | .0 | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 2.6 | 1.1 | | | | | | | | | 6.2 | 4.3 |
| NNE | 3.4 | 2.9 | .1 | | | | | | | | | 6.4 | 3.2 |
| NE | 6.4 | 3.[illegible] | .7 | | | | | | | | | 10.1 | 3.4 |
| ENE | 6.2 | 2.9 | 1.3 | .2 | | | | | | | | 10.7 | 4.0 |
| E | 5.1 | 2.9 | 1.4 | | | | | | | | | 9.4 | 3.9 |
| ESE | .8 | .4 | .1 | .3 | | | | | | | | 1.7 | 5.4 |
| SE | .4 | .1 | .4 | | | | | | | | | 1.0 | 5.7 |
| SSE | .1 | .1 | | | | | | | | | | .2 | 3.0 |
| S | .8 | .3 | | | | | | | | | | 1.1 | 2.9 |
| SSW | 1.3 | .7 | | | | | | | | | | 2.0 | 2.9 |
| SW | 1.3 | .4 | | | | | | | | | | 1.8 | 2.6 |
| WSW | 1.2 | .6 | | | | | | | | | | 1.8 | 2.4 |
| W | 2.1 | .4 | .2 | | | | | | | | | 2.8 | 3.0 |
| WNW | 1.2 | .8 | | | | | | | | | | 2.0 | 3.2 |
| NW | 1.7 | 1.2 | .2 | | | | | | | | | 3.1 | 3.5 |
| NNW | 2.7 | .8 | .1 | | | | | | | | | 3.6 | 2.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.1 | |
| | 37.4 | 20.1 | 5.8 | .6 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.3 | .7 | | | | | | | | | 6.0 | 4.4 |
| NNE | 3.8 | 2.3 | .2 | | | | | | | | | 6.3 | 3.3 |
| NE | 9.4 | 3.8 | .4 | .1 | | | | | | | | 13.8 | 3.0 |
| ENE | 8.0 | 3.7 | 2.1 | .3 | | | | | | | | 14.1 | 3.9 |
| E | 4.4 | 2.6 | 1.9 | | | | | | | | | 8.9 | 4.2 |
| ESE | .9 | .6 | .2 | | | | | | | | | 1.7 | 3.8 |
| SE | .3 | .3 | .2 | | .1 | | | | | | | 1.0 | 6.6 |
| SSE | .1 | .1 | .2 | | | | | | | | | .4 | 5.5 |
| S | .6 | .3 | | | | | | | | | | .9 | 3.1 |
| SSW | .4 | .2 | | | | | | | | | | .7 | 2.5 |
| SW | .4 | .4 | | | | | | | | | | .9 | 3.6 |
| WSW | .6 | .1 | | | | | | | | | | .7 | 2.7 |
| W | 2.0 | .3 | | | | | | | | | | 2.3 | 2.7 |
| WNW | 1.0 | .3 | | | | | | | | | | 1.3 | 2.9 |
| NW | 2.4 | 1.0 | | | | | | | | | | 3.4 | 2.8 |
| NNW | 2.2 | .9 | | | | | | | | | | 3.1 | 3.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 34.4 | |
| | 38.7 | 20.3 | 6.0 | .4 | .1 | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 2.9 | .4 | .1 | | | | | | | | 6.2 | 4.1 |
| NNE | 3.3 | 4.6 | 1.0 | .1 | | | | | | | | 9.0 | 4.1 |
| NE | 7.6 | 4.2 | 1.0 | .1 | | | | | | | | 12.9 | 3.5 |
| ENE | 6.5 | 6.5 | 2.6 | .6 | | | | | | | | 16.0 | 4.5 |
| E | 6.2 | 5.9 | 2.6 | .2 | | | .1 | | | | | 15.0 | 4.7 |
| ESE | 1.8 | 1.1 | .3 | | | | | | | | | 3.2 | 3.6 |
| SE | 1.1 | .7 | .2 | | | | | | | | | 2.0 | 3.5 |
| SSE | .6 | .4 | .2 | .2 | | | | | | | | 1.4 | 5.8 |
| S | .3 | .7 | .1 | .1 | | | | .1 | | | | 1.3 | 7.9 |
| SSW | .6 | .1 | | | | | | | | | | .7 | 2.7 |
| SW | .3 | .2 | | | | | | | | | | .6 | 2.8 |
| WSW | .7 | .7 | .1 | | | | | | | | | 1.4 | 3.5 |
| W | .8 | .9 | .1 | | | | | | | | | 1.8 | 3.9 |
| WNW | .6 | .7 | .1 | | | | | | | | | 1.3 | 3.8 |
| NW | 1.4 | .7 | .4 | | | | | | | | | 2.6 | 3.8 |
| NNW | 2.0 | 1.0 | .4 | .1 | | | | | | | | 3.6 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.9 | |
| | 36.5 | 31.1 | 9.7 | 1.6 | | | .1 | .1 | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 3.0 | 1.4 | .2 | | | | | | | | 6.8 | 4.8 |
| NNE | 2.2 | 2.0 | .6 | .2 | | | | | | | | 5.0 | 4.3 |
| NE | 1.8 | 4.0 | 1.1 | .2 | | | | | | | | 7.1 | 4.9 |
| ENE | 3.6 | 5.2 | 4.3 | .3 | | | | | | | | 13.4 | 5.4 |
| E | 4.6 | 7.4 | 5.6 | .3 | .2 | | | | | | | 18.1 | 5.6 |
| ESE | 3.7 | 3.8 | 2.2 | | | | | | | | | 9.7 | 4.7 |
| SE | 1.4 | 1.3 | .9 | | | | | | | | | 3.7 | 4.6 |
| SSE | 1.9 | 1.9 | .4 | | | | | | | | | 4.2 | 4.0 |
| S | 1.9 | 1.9 | .6 | .3 | | | .1 | | | | | 4.8 | 5.3 |
| SSW | .6 | .9 | .6 | .1 | .1 | .1 | | | | | | 2.3 | 6.7 |
| SW | 1.0 | .9 | .2 | | | | | | | | | 2.1 | 3.8 |
| WSW | 1.2 | .9 | .4 | .1 | | | | | | | | 2.7 | 4.5 |
| W | 1.8 | 1.8 | .6 | | | | | | | | | 4.1 | 3.9 |
| WNW | .9 | .6 | .1 | .1 | | | | | | | | 1.7 | 3.9 |
| NW | .9 | 1.4 | .9 | .3 | | | | | | | | 3.6 | 5.4 |
| NNW | .6 | 1.8 | 1.2 | .2 | | | | | | | | 3.8 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 30.0 | 38.8 | 21.1 | 2.6 | .3 | .1 | .1 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.8 | 1.9 | 1.9 | .1 | | | | | | | | 5.7 | 5.2 |
| NNE | .9 | 2.6 | 1.4 | .1 | | | | | | | | 5.0 | 5.4 |
| NE | 2.3 | 3.8 | 2.2 | .1 | | | | | | | | 8.4 | 5.3 |
| ENE | 2.1 | 4.2 | 3.7 | .2 | | | | | | | | 10.2 | 5.8 |
| E | 3.1 | 6.8 | 4.0 | 1.1 | | | | | | | | 15.0 | 5.7 |
| ESE | 2.0 | 2.9 | 1.9 | .2 | | | | | | | | 7.0 | 5.2 |
| SE | .6 | 2.9 | 1.0 | | | | | | | | | 4.4 | 5.5 |
| SSE | 1.7 | 2.3 | .4 | .1 | | | | | | | | 4.6 | 4.4 |
| S | 1.7 | 1.4 | .9 | .2 | | | | | | | | 4.2 | 4.9 |
| SSW | .7 | 2.0 | .8 | .2 | | | | | | | | 3.7 | 5.8 |
| SW | .6 | 1.1 | .9 | .3 | | | | | | | | 2.9 | 6.6 |
| WSW | .9 | 1.4 | .8 | | | | | | | | | 3.1 | 4.9 |
| W | 2.2 | 3.0 | .9 | | | | | | | | | 6.1 | 4.4 |
| WNW | .7 | 2.1 | .8 | | | | | | | | | 3.6 | 5.0 |
| NW | 1.0 | 2.1 | 1.4 | .3 | | | | | | | | 4.9 | 5.9 |
| NNW | 1.3 | 2.4 | 2.1 | .4 | | | | | | | | 6.3 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 23.4 | 43.0 | 25.1 | 3.6 | | | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 3.8 | 3.0 | .2 | | | | | | | | 10.0 | 5.3 |
| NNE | 2.3 | 3.8 | 1.6 | | | | | | | | | 7.7 | 4.8 |
| NE | 2.7 | 4.4 | 2.1 | .1 | | | | | | | | 9.3 | 4.9 |
| ENE | 2.9 | 3.4 | 1.7 | .4 | | | | | | | | 8.4 | 5.0 |
| E | 3.4 | 3.8 | 1.4 | .8 | | | | | | | | 9.4 | 5.0 |
| ESE | 1.9 | 2.9 | .6 | .2 | | | | | | | | 5.6 | 4.6 |
| SE | 1.9 | 1.4 | .2 | .2 | | | | | | | | 3.8 | 4.2 |
| SSE | 1.6 | 1.6 | .6 | .1 | .1 | | | | | | | 3.9 | 4.6 |
| S | 1.7 | 2.3 | 1.3 | | | | | | | | | 5.3 | 4.9 |
| SSW | 1.3 | 1.3 | 1.2 | .1 | | | | | | | | 4.0 | 5.1 |
| SW | .1 | 1.2 | .9 | .1 | | | | | | | | 2.3 | 6.8 |
| WSW | 1.2 | .9 | .8 | | | | | | | | | 2.9 | 4.6 |
| W | 2.1 | 2.7 | .3 | .1 | | | | | | | | 5.2 | 4.3 |
| WNW | .8 | 1.1 | .2 | | | | | | | | | 2.1 | 4.2 |
| NW | 1.6 | 1.2 | .9 | .2 | | | | | | | | 3.9 | 5.1 |
| NNW | 1.4 | 3.1 | 1.9 | .1 | | | | | | | | 6.6 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 9.6 | |
| | 29.9 | 39.0 | 18.7 | 2.8 | .1 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.3 | 1.9 | 1.2 | .1 | | | | | | | | 8.6 | 3.7 |
| NNE | 3.6 | 2.2 | .3 | | | | | | | | | 6.1 | 3.4 |
| NE | 4.8 | 2.4 | 1.1 | .2 | | | | | | | | 8.6 | 3.8 |
| ENE | 4.4 | 1.9 | 1.2 | | | | | | | | | 7.6 | 3.8 |
| E | 2.7 | 1.6 | 1.2 | .7 | | | | | | | | 6.1 | 5.3 |
| ESE | 1.0 | .7 | .2 | | .1 | | | | | | | 2.0 | 4.5 |
| SE | 1.7 | .7 | .2 | | | | | | | | | 2.6 | 3.6 |
| SSE | 1.6 | .6 | | | | | | | | | | 2.1 | 2.8 |
| S | 3.7 | 1.9 | .3 | | | | | | | | | 5.9 | 3.1 |
| SSW | 2.2 | 1.6 | .2 | | | | | | | | | 4.0 | 3.6 |
| SW | 1.6 | .6 | .3 | | | | | | | | | 2.4 | 3.6 |
| WSW | 1.4 | .4 | .2 | | | | | | | | | 2.1 | 3.1 |
| W | 1.9 | .7 | .1 | | | | | | | | | 2.7 | 3.1 |
| WNW | 1.2 | .6 | .3 | | | | | | | | | 2.1 | 3.6 |
| NW | 1.8 | 2.0 | .6 | | | | | | | | | 4.3 | 4.2 |
| NNW | 2.1 | 2.1 | .7 | .1 | | | | | | | | 5.0 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.9 | |
| | 40.9 | 21.7 | 8.3 | 1.1 | .1 | | | | | | | 100.0 | 2.7 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.0 | 1.0 | | | | | | | | | 6.4 | 4.4 |
| NNE | 2.9 | 1.8 | .7 | | | | | | | | | 5.3 | 3.5 |
| NE | 5.0 | 1.7 | .3 | | | | | | | | | 7.0 | 3.2 |
| ENE | 5.7 | 3.1 | 1.8 | | | | | | | | | 10.6 | 4.1 |
| E | 2.9 | 2.7 | 1.1 | .2 | | | | | | | | 6.9 | 4.7 |
| ESE | 1.2 | .9 | | .1 | | | | | | | | 2.2 | 4.0 |
| SE | 1.2 | 1.1 | | | | | | | | | | 2.3 | 3.6 |
| SSE | 1.3 | .6 | .1 | | | | | | | | | 2.0 | 2.9 |
| S | 1.7 | .8 | | | | | | | | | | 2.4 | 2.6 |
| SSW | 1.2 | 1.6 | | | | | | | | | | 2.8 | 3.6 |
| SW | 1.1 | .7 | | | | | | | | | | 1.8 | 3.1 |
| WSW | 1.9 | .4 | | | | | | | | | | 2.3 | 2.5 |
| W | 1.6 | .7 | | | | | | | | | | 2.2 | 2.8 |
| WNW | 1.2 | .7 | .2 | | | | | | | | | 2.1 | 3.2 |
| NW | 1.9 | 1.1 | | | | | | | | | | 3.0 | 3.1 |
| NNW | 1.9 | 1.6 | | | | | | | | | | 3.4 | 3.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.1 | |
| | 35.1 | 22.2 | 5.2 | .3 | | | | | | | | 100.0 | 2.3 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 2.8 | 1.3 | .1 | | | | | | | | 7.0 | 4.5 |
| NNE | 2.8 | 2.8 | .7 | .1 | | | | | | | | 6.4 | 4.0 |
| NE | 5.0 | 3.4 | 1.1 | .1 | | | | | | | | 9.7 | 3.9 |
| ENE | 4.9 | 3.9 | 2.3 | .3 | | | | | | | | 11.4 | 4.6 |
| E | 4.1 | 4.2 | 2.4 | .4 | .0 | | .0 | | | | | 11.1 | 5.0 |
| ESE | 1.7 | 1.7 | .7 | .1 | .0 | | | | | | | 4.1 | 4.6 |
| SE | 1.1 | 1.1 | .4 | .0 | .0 | | | | | | | 2.5 | 4.5 |
| SSE | 1.1 | .9 | .3 | .1 | .0 | | | | | | | 2.4 | 4.1 |
| S | 1.5 | 1.2 | .4 | .1 | | | .0 | .0 | | | | 3.3 | 4.4 |
| SSW | 1.0 | 1.0 | .3 | .1 | .0 | .0 | | | | | | 2.5 | 4.5 |
| SW | .8 | .7 | .3 | .1 | | | | | | | | 1.8 | 4.5 |
| WSW | 1.1 | .7 | .3 | .0 | | | | | | | | 2.1 | 3.8 |
| W | 1.8 | 1.3 | .3 | .0 | | | | | | | | 3.4 | 3.7 |
| WNW | .9 | .8 | .2 | .0 | | | | | | | | 2.0 | 3.9 |
| NW | 1.6 | 1.3 | .6 | .1 | | | | | | | | 3.6 | 4.4 |
| NNW | 1.8 | 1.7 | .8 | .1 | | | | | | | | 4.4 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.2 | |
| | 34.0 | 29.5 | 12.5 | 1.6 | .1 | .0 | .0 | .0 | | | | 100.0 | 3.4 |

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 4.2 | 1.0 | | | | | | | | | 8.3 | 4.2 |
| NNE | 3.3 | 2.0 | .4 | | | | | | | | | 5.8 | 3.4 |
| NE | 6.9 | 4.1 | .2 | .1 | | | | | | | | 11.3 | 3.2 |
| ENE | 5.4 | 3.7 | .9 | | | | | | | | | 9.9 | 3.7 |
| E | 4.0 | 2.0 | .6 | | | | | | | | | 6.7 | 3.5 |
| ESE | .9 | .8 | .5 | | | | | | | | | 2.2 | 4.6 |
| SE | 1.0 | .2 | | | | | | | | | | 1.2 | 2.7 |
| SSE | .4 | .1 | .1 | .1 | | | | | | | | .8 | 5.0 |
| S | .4 | .3 | .1 | .2 | | | | | | | | 1.1 | 5.5 |
| SSW | .6 | .3 | .1 | | | | | | | | | 1.1 | 3.2 |
| SW | .4 | .3 | | | | | | | | | | .8 | 3.1 |
| WSW | .1 | | .1 | | | | | | | | | .2 | 4.5 |
| W | 1.1 | .5 | | | | | | | | | | 1.6 | 3.3 |
| WNW | 1.2 | .8 | .1 | | | | | | | | | 2.0 | 3.5 |
| NW | 3.2 | 2.4 | .9 | .4 | | | | | | | | 6.9 | 4.6 |
| NNW | 3.9 | 2.5 | 1.4 | .2 | | | | | | | | 8.0 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.4 | |
| | 35.9 | 24.2 | 6.5 | 1.1 | | | | | | | | 100.0 | 2.6 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 3.9 | 1.0 | .1 | | | | | | | | 7.8 | 4.3 |
| NNE | 1.7 | 4.0 | .9 | | | | | | | | | 6.6 | 4.4 |
| NE | 6.9 | 5.6 | .2 | | | | | | | | | 12.7 | 3.2 |
| ENE | 5.3 | 3.1 | 1.2 | .1 | | | | | | | | 9.7 | 3.9 |
| E | 5.2 | 2.7 | 1.8 | .2 | | | | | | | | 9.9 | 4.2 |
| ESE | 1.6 | 1.0 | .2 | | | | | | | | | 2.8 | 3.9 |
| SE | 1.0 | .3 | | | | | | | | | | 1.3 | 3.0 |
| SSE | .1 | .5 | | .1 | | | | | | | | .8 | 5.3 |
| S | .3 | .1 | | | .1 | | | | | | | .5 | 5.8 |
| SSW | .5 | .3 | | .1 | | | | | | | | 1.0 | 4.6 |
| SW | .2 | .3 | | | | | | | | | | .5 | 3.6 |
| WSW | .1 | .1 | | | | | | | | | | .5 | 3.0 |
| W | .5 | .6 | .2 | | | | | | | | | 1.4 | 3.8 |
| WNW | .9 | .8 | | | | | | | | | | 1.6 | 3.5 |
| NW | 1.5 | 2.0 | 1.5 | .2 | | | | | | | | 5.3 | 5.2 |
| NNW | 3.4 | 3.3 | 1.5 | .1 | | | | | | | | 8.4 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 32.5 | 28.7 | 8.5 | 1.0 | .1 | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 4.5 | 2.2 | .4 | | | | | | | | 8.7 | 5.5 |
| NNE | 4.2 | 2.0 | 1.2 | | | | | | | | | 7.4 | 3.8 |
| NE | 5.3 | 7.0 | 1.6 | .1 | | | | | | | | 14.0 | 4.1 |
| ENE | 5.8 | 6.2 | 2.7 | .2 | | | | | | | | 14.9 | 4.5 |
| E | 5.1 | 4.7 | 1.9 | .4 | | | | | | | | 12.2 | 4.6 |
| ESE | 1.1 | 2.3 | .8 | .2 | | | | | | | | 4.3 | 4.9 |
| SE | .3 | .9 | | | | | | | | | | 1.2 | 3.9 |
| SSE | .5 | .1 | | | | | | | | | | .6 | 2.7 |
| S | .4 | .1 | | | | | | | | | | .5 | 2.2 |
| SSW | .1 | .3 | .1 | | | | | | | | | .5 | 5.2 |
| SW | .1 | .2 | .1 | | | | | | | | | .4 | 5.0 |
| WSW | .2 | .3 | .1 | | | | | | | | | .6 | 4.2 |
| W | .5 | .8 | .2 | | | | | | | | | 1.5 | 4.0 |
| WNW | .4 | .5 | .2 | .2 | | | | | | | | 1.4 | 5.6 |
| NW | 1.2 | 1.8 | 1.7 | .3 | | | | | | | | 5.1 | 5.9 |
| NNW | 2.3 | 2.0 | 1.6 | .2 | | | | | | | | 6.1 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.4 | |
| | 29.1 | 33.9 | 14.4 | 2.2 | | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 2.8 | 3.5 | .8 | | | | | | | | 9.4 | 6.2 |
| NNE | 1.6 | 4.1 | 1.7 | .4 | | | | | | | | 7.8 | 5.4 |
| NE | 2.2 | 3.1 | 1.8 | .2 | | | | | | | | 7.3 | 5.1 |
| ENE | 1.7 | 4.8 | 3.3 | .1 | | | | | | | | 10.0 | 5.7 |
| E | 3.7 | 7.0 | 6.2 | .8 | .1 | | | | | | | 17.7 | 5.8 |
| ESE | 1.8 | 3.0 | 2.2 | .1 | | | | | | | | 7.1 | 5.4 |
| SE | .9 | 2.3 | 2.2 | .4 | | | | | | | | 5.7 | 6.3 |
| SSE | .9 | 2.7 | .4 | | | | | | | | | 4.0 | 4.9 |
| S | .6 | 1.2 | .5 | | | | | | | | | 2.4 | 4.9 |
| SSW | .3 | 1.2 | .4 | | | | | | | | | 1.9 | 5.2 |
| SW | .2 | .4 | .1 | | | | | | | | | .8 | 4.1 |
| WSW | .8 | 1.0 | .4 | .1 | | | | | | | | 2.3 | 4.9 |
| W | 1.5 | 1.2 | .5 | .4 | | | | | | | | 3.7 | 5.1 |
| WNW | .8 | 1.1 | .9 | .3 | | | | | | | | 3.0 | 6.2 |
| NW | .6 | 1.8 | 1.0 | .4 | | | | | | | | 3.9 | 5.9 |
| NNW | 1.0 | 2.5 | 3.3 | .2 | | | | | | | | 7.0 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 20.8 | 40.1 | 28.6 | 4.3 | .1 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 3.8 | 3.7 | .8 | .1 | | | | | | | 9.9 | 6.6 |
| NNE | 1.0 | 3.3 | 1.9 | .1 | | | | | | | | 6.3 | 5.7 |
| NE | 1.8 | 3.4 | 2.4 | | | | | | | | | 7.6 | 5.5 |
| ENE | 1.7 | 3.9 | 3.1 | .2 | | | | | | | | 8.9 | 5.8 |
| E | 2.4 | 5.7 | 4.3 | .3 | | | | | | | | 12.7 | 5.7 |
| ESE | 1.8 | 3.4 | 2.0 | .1 | | | | | | | | 7.4 | 5.2 |
| SE | .4 | 1.9 | 1.3 | .1 | | | | | | | | 3.8 | 6.0 |
| SSE | 1.5 | 1.5 | 1.2 | .1 | | | | | | | | 4.3 | 5.0 |
| S | 1.1 | 1.9 | .8 | .3 | | | | | | | | 4.1 | 5.3 |
| SSW | 1.2 | 1.2 | .6 | .3 | | | | | | | | 3.3 | 5.1 |
| SW | .3 | 1.1 | .4 | .1 | | | | | | | | 1.9 | 5.9 |
| WSW | .4 | .6 | .6 | .1 | | | | | | | | 1.8 | 5.8 |
| W | 1.5 | 1.7 | 1.3 | .2 | | | | | | | | 4.7 | 5.2 |
| WNW | .8 | 2.0 | 2.3 | .4 | | | | | | | | 5.5 | 6.5 |
| NW | .5 | 2.9 | 2.6 | 1.1 | | | | | | | | 7.0 | 7.2 |
| NNW | 1.6 | 1.9 | 2.4 | .8 | | | | | | | | 6.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 19.7 | 40.3 | 30.9 | 5.1 | .1 | | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 4.C | 1.8 | .4 | | | | | | | | 9.9 | 4.9 |
| NNE | 2.5 | 4.5 | .8 | .1 | | | | | | | | 7.8 | 4.3 |
| NE | 3.7 | 3.5 | .8 | | | | | | | | | 8.0 | 4.1 |
| ENE | 2.2 | 4.0 | 1.2 | | | | | | | | | 7.3 | 4.7 |
| E | 4.9 | 3.8 | 1.5 | .1 | | | | | | | | 10.3 | 4.1 |
| ESE | 2.3 | 2.4 | .4 | .1 | | | | | | | | 5.2 | 4.0 |
| SE | 1.7 | 1.6 | .3 | | | | | | | | | 3.7 | 4.0 |
| SSE | .9 | 1.6 | .1 | | | | | | | | | 2.6 | 4.0 |
| S | 1.2 | 1.1 | .8 | .1 | | | | | | | | 3.1 | 4.9 |
| SSW | .8 | 1.C | .8 | | | | | | | | | 2.5 | 5.1 |
| SW | .5 | 1.4 | .1 | .1 | | | | | | | | 2.2 | 4.8 |
| WSW | .6 | .9 | .3 | | | | | | | | | 1.8 | 4.3 |
| W | .9 | 1.5 | 1.1 | .1 | | | | | | | | 3.5 | 5.3 |
| WNW | 1.1 | 1.6 | 1.0 | .2 | | | | | | | | 3.9 | 5.3 |
| NW | 1.7 | 3.C | 2.2 | .3 | | | | | | | | 7.2 | 5.7 |
| NNW | 1.3 | 4.3 | 3.1 | 1.0 | .1 | | | | | | | 9.8 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 29.8 | 40.1 | 16.1 | 2.6 | .1 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.8 | 3.8 | 1.6 | .2 | | | | | | | | 9.4 | 4.5 |
| NNE | 6.7 | 1.8 | | | | | | | | | | 8.5 | 2.6 |
| NE | 6.6 | 1.9 | .1 | | | | | | | | | 8.6 | 2.7 |
| ENE | 5.5 | 1.2 | .5 | | | | | | | | | 7.2 | 2.9 |
| E | 3.2 | 1.3 | .4 | | | | | | | | | 4.9 | 3.4 |
| ESE | .9 | .6 | .2 | | | | | | | | | 1.7 | 3.9 |
| SE | 1.0 | .4 | .2 | | | | | | | | | 1.6 | 3.7 |
| SSE | .9 | .4 | | | | | | | | | | 1.3 | 3.3 |
| S | 1.5 | .5 | .1 | | | | | | | | | 2.2 | 2.8 |
| SSW | 1.1 | 1.5 | | | | | | | | | | 2.6 | 4.0 |
| SW | .8 | 1.0 | .1 | | | | | | | | | 1.8 | 3.9 |
| WSW | 1.1 | .5 | | | | | | | | | | 1.6 | 3.0 |
| W | 1.9 | | .1 | | | | | | | | | 2.0 | 2.4 |
| WNW | 2.0 | 1.1 | .2 | | | | | | | | | 3.3 | 3.3 |
| NW | 2.9 | 3.2 | 1.0 | .2 | | | | | | | | 7.3 | 4.3 |
| NNW | 3.9 | 3.5 | 1.2 | | | | | | | | | 8.6 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 27.3 | |
| | 43.5 | 22.9 | 5.8 | .4 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 4.6 | .8 | | | | | | | | | 7.5 | 4.5 |
| NNE | 4.6 | 1.9 | .3 | | | | | | | | | 6.9 | 3.2 |
| NE | 6.9 | 3.1 | | | | | | | | | | 10.0 | 2.7 |
| ENE | 5.4 | 2.9 | .9 | | | | | | | | | 9.1 | 3.6 |
| E | 2.6 | 2.3 | 1.1 | | | | | | | | | 5.9 | 4.1 |
| ESE | .4 | .3 | .4 | | | | | | | | | 1.2 | 4.8 |
| SE | 1.1 | .9 | | | | | | | | | | 1.9 | 3.4 |
| SSE | .9 | .5 | .1 | | | | | | | | | 1.5 | 3.1 |
| S | 2.2 | .3 | .1 | .1 | | | | | | | | 2.7 | 2.9 |
| SSW | 1.2 | .3 | .1 | | | | | | | | | 1.6 | 2.9 |
| SW | 1.1 | .3 | | | | | | | | | | 1.4 | 2.9 |
| WSW | .6 | .4 | | | | | | | | | | 1.1 | 3.3 |
| W | .9 | .3 | | | | | | | | | | 1.2 | 2.7 |
| WNW | 2.2 | 1.3 | .1 | .1 | | | | | | | | 3.7 | 3.7 |
| NW | 2.6 | 3.1 | .2 | .1 | | | | | | | | 6.0 | 3.9 |
| NNW | 2.8 | 3.3 | .8 | .3 | | | | | | | | 7.2 | 4.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 31.1 | |
| | 37.4 | 26.0 | 4.8 | .6 | | | | | | | | 100.0 | 2.5 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 3.9 | 1.9 | .3 | .0 | | | | | | | 8.9 | 5.1 |
| NNE | 3.2 | 3.0 | .9 | .1 | | | | | | | | 7.2 | 4.1 |
| NE | 5.0 | 4.0 | .9 | .1 | | | | | | | | 9.9 | 3.7 |
| ENE | 4.1 | 3.7 | 1.7 | .1 | | | | | | | | 9.6 | 4.4 |
| E | 3.9 | 3.7 | 2.2 | .2 | .0 | | | | | | | 10.0 | 4.7 |
| ESE | 1.3 | 1.7 | .8 | .1 | | | | | | | | 4.0 | 4.8 |
| SE | .9 | 1.1 | .5 | .1 | | | | | | | | 2.5 | 4.8 |
| SSE | .8 | .9 | .2 | .0 | | | | | | | | 2.0 | 4.4 |
| S | 1.0 | .7 | .3 | .1 | .0 | | | | | | | 2.1 | 4.4 |
| SSW | .7 | .8 | .3 | .1 | | | | | | | | 1.8 | 4.5 |
| SW | .5 | .6 | .1 | .0 | | | | | | | | 1.2 | 4.4 |
| WSW | .5 | .5 | .2 | .0 | | | | | | | | 1.2 | 4.3 |
| W | 1.1 | .8 | .4 | .1 | | | | | | | | 2.5 | 4.4 |
| WNW | 1.2 | 1.1 | .6 | .2 | | | | | | | | 3.1 | 4.9 |
| NW | 1.8 | 2.5 | 1.4 | .4 | | | | | | | | 6.1 | 5.3 |
| NNW | 2.5 | 2.9 | 1.9 | .3 | .0 | | | | | | | 7.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.2 | |
| | 31.1 | 32.0 | 14.4 | 2.2 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 3.2 | 2.4 | | | | | | | | | 7.9 | 5.0 |
| NNE | 1.9 | 2.7 | .6 | | | | | | | | | 5.1 | 4.3 |
| NE | 2.2 | 2.6 | | | | | | | | | | 4.8 | 3.4 |
| ENE | 3.8 | 2.3 | .1 | | | | | | | | | 6.2 | 3.0 |
| E | 2.8 | 3.1 | .7 | | | | | | | | | 6.6 | 4.1 |
| ESE | 2.2 | .9 | .7 | | | | | | | | | 3.8 | 3.9 |
| SE | 1.9 | .6 | .2 | | | | | | | | | 2.7 | 3.0 |
| SSE | .8 | .9 | .6 | | | | | | | | | 2.2 | 4.9 |
| S | 1.8 | 1.3 | .3 | | | | | | | | | 3.4 | 3.6 |
| SSW | .3 | .7 | .4 | .1 | | | | | | | | 1.6 | 5.6 |
| SW | .9 | .7 | | | | | | | | | | 1.6 | 3.3 |
| WSW | 1.0 | .8 | .1 | | | | | | | | | 1.9 | 4.0 |
| W | 1.2 | 1.3 | .1 | .1 | | | | | | | | 2.8 | 4.2 |
| WNW | .4 | 1.2 | .9 | .1 | | | | | | | | 2.7 | 6.0 |
| NW | 2.1 | 3.9 | 1.6 | .1 | | | | | | | | 7.7 | 4.9 |
| NNW | 2.6 | 4.1 | .9 | .4 | | | | | | | | 8.0 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.1 | |
| | 28.1 | 30.3 | 9.6 | .9 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 3.7 | 2.1 | | | | | | | | | 8.6 | 5.0 |
| NNE | 3.4 | 2.6 | .1 | | | | | | | | | 6.1 | 3.1 |
| NE | 6.8 | 2.9 | .1 | | | | | | | | | 9.8 | 3.0 |
| ENE | 3.9 | 2.7 | | | | | | | | | | 6.6 | 3.3 |
| E | 3.1 | 2.6 | 1.2 | | | | | | | | | 6.9 | 4.0 |
| ESE | 1.6 | 1.4 | .2 | .1 | | | | | | | | 3.3 | 4.1 |
| SE | .8 | .8 | .4 | | | | | | | | | 2.0 | 4.4 |
| SSE | 1.1 | 1.2 | .7 | | | | | | | | | 3.0 | 4.9 |
| S | .4 | .6 | .3 | | | | | | | | | 1.3 | 4.9 |
| SSW | .2 | .2 | .3 | .1 | | | | | | | | .9 | 6.6 |
| SW | .6 | .3 | | | | | | | | | | .9 | 2.8 |
| WSW | .3 | .8 | .4 | | | | | | | | | 1.6 | 4.9 |
| W | 1.1 | 1.3 | .3 | | | | | | | | | 2.8 | 4.2 |
| WNW | 1.4 | 2.0 | .6 | .7 | | | | | | | | 4.7 | 5.6 |
| NW | 2.3 | 2.2 | .9 | .3 | | | | | | | | 5.8 | 4.7 |
| NNW | 3.4 | 3.0 | 1.6 | .3 | | | | | | | | 8.3 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.6 | |
| | 33.3 | 28.2 | 9.3 | 1.6 | | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.7 | 3.1 | .1 | | | | | | | | 9.3 | 5.3 |
| NNE | 3.0 | 2.9 | .6 | | | | | | | | | 6.4 | 3.7 |
| NE | 5.1 | 4.8 | .3 | | | | | | | | | 10.2 | 3.6 |
| ENE | 4.8 | 3.3 | .6 | .1 | | | | | | | | 8.8 | 3.6 |
| E | 3.1 | 4.3 | 1.3 | | | | | | | | | 8.8 | 4.3 |
| ESE | 1.7 | 1.7 | .9 | | | | | | | | | 4.2 | 4.6 |
| SE | .6 | 1.6 | .3 | | | | | | | | | 2.4 | 4.6 |
| SSE | .8 | 1.0 | .8 | | | | | | | | | 2.6 | 5.1 |
| S | .3 | .9 | .6 | | | | | | | | | 1.8 | 5.4 |
| SSW | .3 | .2 | .2 | | | | | | | | | .8 | 4.6 |
| SW | .4 | .2 | .4 | | | | | | | | | 1.1 | 5.4 |
| WSW | .2 | .3 | .2 | | | | | | | | | .8 | 5.1 |
| W | .8 | 1.7 | .4 | | | | | | | | | 2.9 | 4.7 |
| WNW | 1.0 | 1.6 | 1.0 | .3 | | | | | | | | 3.9 | 5.8 |
| NW | 1.2 | 2.7 | 1.6 | .6 | | | | | | | | 6.0 | 5.9 |
| NNW | 3.4 | 2.6 | 1.7 | .4 | | | | | | | | 8.1 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.9 | |
| | 29.2 | 33.3 | 14.0 | 1.6 | | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.8 | 3.2 | .2 | | | | | | | | 8.6 | 6.1 |
| NNE | 1.7 | 1.9 | 1.3 | .2 | | | | | | | | 5.1 | 5.1 |
| NE | 2.3 | 3.2 | 1.2 | | | | | | | | | 6.8 | 4.5 |
| ENE | 2.4 | 2.8 | 2.3 | | | | | | | | | 7.6 | 5.0 |
| E | 4.2 | 5.2 | 3.1 | .3 | | | | | | | | 12.9 | 4.9 |
| ESE | 1.9 | 3.1 | 2.1 | .1 | | | | | | | | 7.2 | 5.5 |
| SE | 1.3 | 2.1 | 2.3 | .3 | | | | | | | | 6.1 | 6.1 |
| SSE | .8 | 1.9 | 1.7 | .1 | | | | | | | | 4.4 | 5.8 |
| S | 1.6 | 1.9 | 1.8 | .3 | | | | | | | | 5.6 | 5.8 |
| SSW | .7 | .9 | .9 | .2 | | | | | | | | 2.7 | 5.8 |
| SW | .6 | 1.0 | .1 | .1 | | | | | | | | 1.8 | 4.9 |
| WSW | .2 | 1.0 | .9 | | | | | | | | | 2.1 | 5.9 |
| W | 1.3 | 1.0 | .7 | .1 | | | | | | | | 3.1 | 4.8 |
| WNW | 1.0 | 1.3 | 2.1 | .6 | | | | | | | | 5.0 | 6.9 |
| NW | 1.0 | 1.7 | 3.1 | 1.2 | .2 | | | | | | | 7.2 | 7.8 |
| NNW | 1.0 | 2.8 | 2.9 | 1.4 | | | | | | | | 8.1 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 23.3 | 35.6 | 29.8 | 5.3 | .2 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.7 | 2.6 | .8 | | | | | | | | 7.2 | 6.5 |
| NNE | 2.7 | 1.3 | .9 | | | | | | | | | 4.9 | 3.9 |
| NE | 1.0 | 1.6 | .8 | .1 | | | | | | | | 3.4 | 5.0 |
| ENE | .4 | 2.1 | 1.2 | | | | | | | | | 3.8 | 5.6 |
| E | 2.6 | 6.0 | 2.8 | .2 | | | | | | | | 11.6 | 5.2 |
| ESE | 1.9 | 2.2 | 1.3 | .2 | | | | | | | | 5.7 | 5.1 |
| SE | .7 | 2.2 | 2.1 | .2 | | | | | | | | 5.2 | 6.4 |
| SSE | 1.3 | 1.4 | 1.1 | .4 | | | | | | | | 4.3 | 5.4 |
| S | 1.6 | 2.3 | 2.7 | 1.2 | | | | | | | | 7.8 | 6.8 |
| SSW | 1.1 | 1.2 | 1.1 | .7 | | | | | | | | 4.1 | 6.5 |
| SW | .3 | 2.1 | .8 | .1 | | | | | | | | 3.3 | 5.8 |
| WSW | .6 | 1.7 | .9 | .2 | | | | | | | | 3.3 | 5.9 |
| W | 1.6 | 2.1 | 1.2 | .6 | | | | | | | | 5.4 | 5.9 |
| WNW | 1.3 | 3.1 | 2.2 | .9 | | | | | | | | 7.6 | 6.7 |
| NW | .8 | 2.0 | 2.8 | 1.6 | .1 | | | | | | | 7.2 | 8.1 |
| NNW | .8 | 3.6 | 4.6 | 1.7 | | | | | | | | 10.6 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.6 | |
| | 19.8 | 37.7 | 29.0 | 8.9 | .1 | | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-A) JUL 66 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 4.1 | 2.0 | .3 | | | | | | | | 9.5 | 5.1 |
| NNE | 2.4 | .8 | .2 | | | | | | | | | 3.4 | 3.0 |
| NE | 2.2 | .7 | .2 | | | | | | | | | 3.1 | 3.3 |
| ENE | 2.9 | 1.7 | .3 | .2 | | | | | | | | 5.1 | 4.0 |
| E | 3.3 | 2.8 | .4 | .1 | | | | | | | | 6.7 | 3.8 |
| ESE | 2.2 | 2.3 | .3 | | | | | | | | | 4.9 | 4.0 |
| SE | 1.7 | 2.0 | 1.1 | .1 | | | | | | | | 4.9 | 4.7 |
| SSE | 1.3 | 1.3 | .7 | .1 | | | | | | | | 3.4 | 4.7 |
| S | 1.9 | 1.9 | 2.2 | .4 | | | | | | | | 6.5 | 5.8 |
| SSW | 1.9 | .8 | 1.8 | .2 | | | | | | | | 4.7 | 5.4 |
| SW | .9 | .8 | .6 | .1 | | | | | | | | 2.3 | 5.1 |
| WSW | 1.4 | 1.1 | .1 | .1 | | | | | | | | 2.8 | 3.8 |
| W | 1.4 | 1.6 | .8 | .2 | | | | | | | | 4.0 | 5.2 |
| WNW | 1.1 | 2.0 | 1.9 | .6 | | | | | | | | 5.6 | 6.3 |
| NW | 1.4 | 3.3 | 3.7 | .8 | | | | | | | | 9.2 | 6.5 |
| NNW | 1.2 | 4.6 | 2.9 | 1.6 | .1 | | | | | | | 10.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 30.5 | 31.7 | 19.2 | 4.9 | .1 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 3.0 | 1.4 | .2 | | | | | | | | 7.9 | 4.5 |
| NNE | 3.7 | .7 | | | | | | | | | | 4.3 | 2.5 |
| NE | 3.6 | .3 | .1 | | | | | | | | | 4.0 | 2.2 |
| ENE | 2.6 | 1.2 | .2 | .1 | | | | | | | | 4.1 | 3.2 |
| E | 3.1 | 1.3 | .6 | | | | | | | | | 5.0 | 3.5 |
| ESE | 1.9 | .6 | | | | | | | | | | 2.5 | 2.9 |
| SE | 1.6 | 1.0 | .7 | | | | | | | | | 3.2 | 4.4 |
| SSE | 1.2 | 1.7 | .6 | | | | | | | | | 3.5 | 4.5 |
| S | 2.1 | 2.1 | 1.2 | | | | | | | | | 5.5 | 4.4 |
| SSW | 1.0 | 1.1 | .2 | | | | | | | | | 2.3 | 4.3 |
| SW | .8 | .8 | | | | | | | | | | 1.6 | 4.1 |
| WSW | .8 | .6 | | | | | | | | | | 1.3 | 2.9 |
| W | 1.0 | 1.1 | .2 | .1 | | | | | | | | 2.4 | 4.3 |
| WNW | 1.2 | 2.6 | .9 | .1 | | | | | | | | 4.8 | 5.1 |
| NW | 2.8 | 3.9 | 1.4 | .4 | | | | | | | | 8.6 | 4.9 |
| NNW | 3.6 | 4.2 | 1.7 | .2 | | | | | | | | 9.7 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 34.1 | 26.2 | 9.3 | 1.2 | | | | | | | | 100.0 | 2.9 |

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 3.2 | 1.9 | .2 | .1 | | | | | | | 8.1 | 5.1 |
| NNE | 2.2 | .9 | .1 | | | | | | | | | 3.2 | 3.1 |
| NE | 3.6 | 1.2 | .1 | | | | | | | | | 4.9 | 3.0 |
| ENE | 4.3 | 1.7 | | | | | | | | | | 6.0 | 2.8 |
| E | 3.1 | 1.8 | .7 | | | | | | | | | 5.6 | 3.8 |
| ESE | 1.3 | .3 | .1 | | | | | | | | | 1.8 | 2.9 |
| SE | .9 | .7 | .1 | .1 | | | | | | | | 1.8 | 4.1 |
| SSE | 1.9 | 1.2 | 1.0 | .1 | | | | | | | | 4.2 | 4.5 |
| S | 3.5 | 1.7 | .6 | | | | | | | | | 5.7 | 3.4 |
| SSW | 1.6 | .9 | .2 | | | | | | | | | 2.7 | 3.4 |
| SW | 1.6 | .1 | .1 | | | | | | | | | 1.8 | 2.5 |
| WSW | .8 | 1.0 | | | | | | | | | | 1.8 | 3.6 |
| W | .7 | 2.0 | .2 | | | | | | | | | 2.9 | 4.5 |
| WNW | .9 | 1.4 | .7 | .3 | | | | | | | | 3.2 | 5.1 |
| NW | 2.7 | 4.2 | 1.7 | .4 | | | | | | | | 8.7 | 4.7 |
| NNW | 2.7 | 3.0 | 1.1 | .3 | | | | | | | | 7.1 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.4 | |
| | 34.3 | 25.4 | 8.6 | 1.1 | .1 | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.4 | 2.3 | .2 | .0 | | | | | | | 8.4 | 5.3 |
| NNE | 2.6 | 1.7 | .5 | .0 | | | | | | | | 4.8 | 3.7 |
| NE | 3.4 | 2.2 | .4 | .0 | | | | | | | | 5.9 | 3.5 |
| ENE | 3.1 | 2.2 | .6 | .1 | | | | | | | | 6.0 | 3.8 |
| E | 3.2 | 3.4 | 1.3 | .1 | | | | | | | | 8.0 | 4.4 |
| ESE | 1.8 | 1.6 | .7 | .1 | | | | | | | | 4.2 | 4.4 |
| SE | 1.2 | 1.4 | .9 | .1 | | | | | | | | 3.5 | 5.1 |
| SSE | 1.2 | 1.3 | .9 | .1 | | | | | | | | 3.5 | 5.0 |
| S | 1.6 | 1.6 | 1.2 | .3 | | | | | | | | 4.7 | 5.2 |
| SSW | .9 | .8 | .7 | .2 | | | | | | | | 2.5 | 5.3 |
| SW | .8 | .8 | .3 | .0 | | | | | | | | 1.8 | 4.5 |
| WSW | .7 | .9 | .3 | .0 | | | | | | | | 1.9 | 4.6 |
| W | 1.1 | 1.5 | .5 | .1 | | | | | | | | 3.3 | 4.9 |
| WNW | 1.1 | 1.9 | 1.3 | .4 | | | | | | | | 4.7 | 6.0 |
| NW | 1.8 | 3.0 | 2.1 | .6 | .0 | | | | | | | 7.6 | 5.9 |
| NNW | 2.3 | 3.5 | 2.2 | .8 | .0 | | | | | | | 8.8 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.5 | |
| | 29.1 | 31.0 | 16.1 | 3.2 | .1 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 7192

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.5 | .6 | .4 | | | | | | | | 5.2 | 5.1 |
| NNE | .5 | 1.9 | | .1 | | | | | | | | 2.6 | 4.6 |
| NE | 3.2 | 1.7 | .1 | | | | | | | | | 5.1 | 3.1 |
| ENE | 3.0 | 2.8 | .6 | .2 | | | | | | | | 6.7 | 4.2 |
| E | 1.6 | 2.9 | 1.7 | .3 | | | | | | | | 6.6 | 5.4 |
| ESE | 1.1 | .9 | .4 | .1 | | | | | | | | 2.5 | 4.8 |
| SE | .8 | .9 | .3 | .2 | | | | | | | | 2.2 | 5.5 |
| SSE | .6 | 1.9 | .2 | .1 | | | | | | | | 2.9 | 4.6 |
| S | 2.2 | 1.7 | 1.0 | .4 | .1 | | | | | | | 5.4 | 5.4 |
| SSW | .6 | .4 | .5 | .4 | .1 | | | | | | | 2.2 | 7.4 |
| SW | .5 | .3 | .1 | .4 | | | | | | | | 1.4 | 6.6 |
| WSW | .5 | .6 | .6 | .1 | | | | | | | | 1.9 | 5.4 |
| W | 2.4 | 2.6 | .5 | .3 | | | | | | | | 5.8 | 4.4 |
| WNW | 1.7 | 2.2 | 1.6 | 1.0 | .1 | | | | | | | 6.6 | 6.8 |
| NW | 2.6 | 4.1 | 1.8 | 1.8 | .3 | | | | | | | 10.6 | 6.5 |
| NNW | 1.7 | 3.7 | 1.8 | .5 | .1 | | | | | | | 7.8 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.7 | |
| | 24.7 | 31.1 | 12.2 | 6.6 | .8 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.4 | 1.6 | .2 | | | | | | | | 6.1 | 5.2 |
| NNE | 2.7 | 1.8 | .4 | | | | | | | | | 5.0 | 3.6 |
| NE | 3.7 | 1.9 | .1 | | | | | | | | | 5.7 | 3.2 |
| ENE | 3.2 | 3.0 | .6 | .2 | | | | | | | | 7.1 | 4.1 |
| E | 3.0 | 3.1 | 1.5 | .3 | | | | | | | | 8.0 | 4.8 |
| ESE | .6 | 1.1 | .3 | .3 | | | | | | | | 2.4 | 5.7 |
| SE | .8 | .9 | .1 | | | | | | | | | 1.7 | 3.5 |
| SSE | 1.1 | 1.3 | .6 | .1 | | | | | | | | 3.1 | 4.9 |
| S | 1.0 | 1.7 | 1.1 | .2 | | | | | | | | 4.0 | 5.5 |
| SSW | .6 | 1.0 | .6 | .6 | | | | | | | | 2.9 | 7.3 |
| SW | .4 | 1.1 | | .1 | | | | | | | | 1.6 | 4.7 |
| WSW | 1.6 | 1.0 | .1 | | | | | | | | | 2.7 | 3.4 |
| W | 1.7 | 1.7 | 1.0 | | | | | | | | | 4.4 | 4.5 |
| WNW | 1.4 | 1.9 | .9 | 1.0 | .1 | | | | | | | 5.3 | 6.6 |
| NW | 1.9 | 3.1 | 2.2 | .9 | .2 | | | | | | | 8.3 | 6.5 |
| NNW | 2.0 | 2.9 | 2.3 | .8 | .2 | | | | | | | 8.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.6 | |
| | 27.8 | 29.9 | 13.5 | 4.7 | .5 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.2 | 2.5 | .4 | | | | | | | | 7.4 | 6.2 |
| NNE | 2.3 | 2.3 | .1 | | | | | | | | | 4.6 | 3.7 |
| NE | 3.1 | 3.1 | .4 | | | | | | | | | 6.7 | 3.6 |
| ENE | 3.8 | 3.3 | 1.1 | | | | | | | | | 8.2 | 4.0 |
| E | 2.6 | 3.5 | 1.7 | .5 | | | | | | | | 8.4 | 5.4 |
| ESE | .8 | 1.0 | 1.3 | | | | | | | | | 3.0 | 5.6 |
| SE | .6 | .5 | .6 | | | | | | | | | 1.8 | 5.1 |
| SSE | 1.0 | 1.1 | .4 | | | | | | | | | 2.5 | 4.2 |
| S | 1.9 | 1.3 | 1.3 | .5 | | | | | | | | 5.1 | 5.5 |
| SSW | .9 | .8 | 1.1 | .6 | | | | | | | | 3.3 | 6.7 |
| SW | .5 | .5 | .3 | .1 | | | | | | | | 1.5 | 5.5 |
| WSW | .8 | 1.0 | .3 | | | | | | | | | 2.0 | 4.3 |
| W | 2.2 | 2.6 | 1.3 | .3 | .1 | | | | | | | 6.5 | 5.4 |
| WNW | .9 | 1.5 | 1.5 | .3 | | | | | | | | 4.2 | 6.2 |
| NW | 1.5 | 3.1 | 2.2 | 1.0 | | | | | | | | 7.7 | 6.2 |
| NNW | 2.8 | 3.0 | 1.6 | 1.3 | | | | | | | | 8.7 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 26.8 | 31.8 | 17.7 | 5.2 | .1 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.2 | 4.5 | .8 | .1 | | | | | | | 9.9 | 7.1 |
| NNE | .8 | 1.7 | 1.3 | .1 | | | | | | | | 3.9 | 6.0 |
| NE | 1.4 | 1.9 | 1.0 | | | | | | | | | 4.3 | 4.8 |
| ENE | 1.8 | 2.5 | 1.7 | .3 | | | | | | | | 6.3 | 5.3 |
| E | 2.9 | 4.1 | 3.4 | .3 | | | | | | | | 10.8 | 5.5 |
| ESE | 1.2 | 2.4 | 2.5 | .2 | | | | | | | | 6.2 | 6.3 |
| SE | .9 | 1.7 | 1.4 | .2 | | | | | | | | 4.2 | 5.9 |
| SSE | .9 | 2.2 | 1.4 | .2 | | | | | | | | 4.6 | 6.1 |
| S | 1.4 | 3.1 | 2.6 | .4 | .1 | | | | | | | 7.6 | 6.4 |
| SSW | .9 | 1.0 | 2.2 | .3 | .1 | | | | | | | 4.4 | 7.1 |
| SW | .3 | 1.1 | 1.1 | .1 | .3 | | | | | | | 2.9 | 7.9 |
| WSW | .4 | .2 | 1.2 | .4 | .1 | | | | | | | 2.4 | 8.1 |
| W | 1.0 | .9 | 1.5 | 1.3 | | | | | | | | 4.6 | 7.8 |
| WNW | 1.0 | 1.2 | 2.2 | 1.5 | | | | | | | | 5.8 | 7.9 |
| NW | .8 | 3.0 | 3.3 | 1.7 | .2 | | | | | | | 9.0 | 7.9 |
| NNW | 1.2 | 2.7 | 2.9 | 1.3 | | | | | | | | 8.1 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 18.0 | 32.8 | 34.1 | 9.2 | 1.0 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 2.7 | 2.9 | .2 | | | | | | | | 7.3 | 6.1 |
| NNE | 1.2 | 1.3 | 1.0 | | | | | | | | | 3.4 | 4.5 |
| NE | .8 | 1.1 | .9 | | | | | | | | | 2.7 | 5.2 |
| ENE | .8 | 1.8 | .5 | | | | | | | | | 3.1 | 4.6 |
| E | .8 | 3.3 | 2.3 | .3 | | | | | | | | 6.7 | 6.0 |
| ESE | .6 | 1.9 | 1.3 | .1 | | | | | | | | 4.0 | 5.7 |
| SE | .3 | 1.8 | 1.0 | .2 | .1 | | | | | | | 3.4 | 6.8 |
| SSE | 1.1 | 1.8 | 1.7 | .4 | | | | | | | | 5.1 | 6.4 |
| S | 1.2 | 2.0 | 2.7 | 1.3 | .5 | | | | | | | 7.8 | 8.0 |
| SSW | .8 | 1.2 | 1.8 | 1.4 | .1 | | | | | | | 5.3 | 8.1 |
| SW | .6 | .6 | 1.6 | 1.0 | | | | | | | | 3.9 | 7.7 |
| WSW | .6 | 1.7 | 2.2 | .6 | .1 | | | | | | | 5.3 | 7.5 |
| W | 2.3 | 3.2 | 2.6 | 2.3 | .2 | | | | | | | 10.5 | 7.2 |
| WNW | 1.3 | 1.5 | 3.0 | 1.6 | .2 | | | | | | | 7.6 | 7.9 |
| NW | 1.0 | 2.0 | 2.9 | 2.3 | .1 | | | | | | | 8.3 | 8.4 |
| NNW | 1.6 | 2.9 | 3.2 | 1.3 | .3 | | | | | | | 9.4 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 6.2 | |
| | 16.4 | 31.1 | 31.5 | 13.0 | 1.7 | | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.5 | 1.8 | .1 | | | | | | | | 6.1 | 5.4 |
| NNE | 1.2 | .9 | .3 | | | | | | | | | 2.4 | 4.0 |
| NE | 1.1 | .8 | .2 | | | | | | | | | 2.0 | 3.8 |
| ENE | 1.2 | 1.6 | .9 | | | | | | | | | 3.7 | 4.9 |
| E | 2.2 | 1.9 | 1.6 | .4 | | | | | | | | 6.1 | 5.4 |
| ESE | 1.0 | 1.4 | .4 | .2 | | | | | | | | 3.0 | 4.9 |
| SE | 1.2 | 1.3 | .6 | | | | | | | | | 3.1 | 4.9 |
| SSE | 1.5 | 1.7 | 1.5 | | | | | | | | | 4.7 | 5.1 |
| S | 1.6 | 2.4 | 1.7 | .5 | | | | | | | | 6.2 | 5.9 |
| SSW | 1.0 | 2.5 | 1.5 | .6 | .1 | | | | | | | 5.7 | 6.6 |
| SW | .8 | .4 | 1.2 | .9 | | | | | | | | 3.2 | 7.6 |
| WSW | 2.0 | 1.3 | .8 | .5 | | | | | | | | 4.6 | 5.2 |
| W | 2.0 | 3.1 | 2.6 | .5 | | | | | | | | 8.3 | 6.0 |
| WNW | 1.7 | 2.7 | 2.8 | 1.6 | | | | | | | | 8.8 | 7.0 |
| NW | 2.0 | 3.7 | 4.1 | 1.3 | .1 | | | | | | | 11.2 | 6.8 |
| NNW | .9 | 3.1 | 3.0 | 1.6 | | | | | | | | 8.6 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.2 | |
| | 23.0 | 31.2 | 25.1 | 8.4 | .2 | | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 1.4 | .6 | .2 | | | | | | | | 4.2 | 4.5 |
| NNE | 1.9 | 1.4 | | | | | | | | | | 3.3 | 3.3 |
| NE | 1.5 | 1.2 | .3 | | | | | | | | | 3.0 | 3.7 |
| ENE | 1.9 | 1.7 | .2 | .2 | | | | | | | | 4.1 | 4.1 |
| E | 2.7 | 2.7 | 1.1 | .5 | | | | | | | | 7.0 | 4.8 |
| ESE | .3 | 1.7 | | | | | | | | | | 2.1 | 4.4 |
| SE | 1.3 | 1.1 | .5 | | | | | | | | | 2.9 | 4.3 |
| SSE | 1.0 | 1.1 | .8 | | | | | | | | | 2.8 | 4.9 |
| S | 2.4 | 3.1 | 1.3 | .1 | | | | | | | | 6.9 | 4.8 |
| SSW | .8 | 1.8 | 1.0 | .1 | | | | | | | | 3.7 | 5.5 |
| SW | .8 | 1.3 | .8 | | .1 | | | | | | | 2.9 | 5.6 |
| WSW | 1.3 | .3 | .1 | | | | | | | | | 1.7 | 3.3 |
| W | 1.6 | 1.9 | .6 | .2 | | | | | | | | 4.4 | 4.8 |
| WNW | 1.7 | 2.6 | 1.9 | .6 | | | | | | | | 6.9 | 5.8 |
| NW | 2.2 | 4.6 | 3.2 | 1.1 | .1 | | | | | | | 11.2 | 6.3 |
| NNW | 3.3 | 4.4 | 2.4 | 1.0 | | | | | | | | 11.1 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.6 | |
| | 26.7 | 32.5 | 14.9 | 4.1 | .2 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 926

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 1.5 | 1.0 | .2 | | | | | | | | 4.4 | 5.1 |
| NNE | 1.0 | 1.5 | .1 | | | | | | | | | 2.6 | 4.2 |
| NE | 1.9 | 1.0 | .5 | .1 | | | | | | | | 3.6 | 3.9 |
| ENE | 3.6 | 1.9 | .6 | .4 | | | | | | | | 6.6 | 4.3 |
| E | 1.1 | 2.2 | .9 | .6 | | | | | | | | 4.7 | 5.8 |
| ESE | .8 | 1.0 | .6 | .1 | | | | | | | | 2.5 | 5.2 |
| SE | 1.0 | 1.1 | .2 | | | | | | | | | 2.3 | 4.0 |
| SSE | .6 | 1.8 | .9 | | | | | | | | | 3.3 | 5.3 |
| S | 2.2 | 2.3 | 1.6 | .6 | | | | | | | | 6.7 | 5.6 |
| SSW | 1.1 | 1.2 | .6 | .1 | | | | | | | | 3.0 | 5.0 |
| SW | 1.1 | 1.2 | .6 | | | | | | | | | 2.9 | 4.6 |
| WSW | .6 | .5 | .2 | .1 | | | | | | | | 1.5 | 5.2 |
| W | 1.8 | 1.9 | .9 | | | | | | | | | 4.6 | 4.5 |
| WNW | 2.3 | 2.7 | 1.3 | .8 | .1 | | | | | | | 7.1 | 5.7 |
| NW | 3.1 | 5.3 | 2.4 | 1.3 | | | | | | | | 12.1 | 5.8 |
| NNW | 2.6 | 3.0 | 1.9 | .9 | | | | | | | | 8.4 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 23.6 | |
| | 26.4 | 30.1 | 14.5 | 5.3 | .1 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.4 | 2.0 | .3 | .0 | | | | | | | 6.3 | 5.8 |
| NNE | 1.4 | 1.6 | .4 | .0 | | | | | | | | 3.5 | 4.2 |
| NE | 2.1 | 1.6 | .4 | .0 | | | | | | | | 4.1 | 3.8 |
| ENE | 2.4 | 2.3 | .8 | .2 | | | | | | | | 5.7 | 4.4 |
| E | 2.1 | 3.0 | 1.8 | .4 | | | | | | | | 7.3 | 5.4 |
| ESE | .8 | 1.4 | .9 | .1 | | | | | | | | 3.2 | 5.5 |
| SE | .8 | 1.2 | .6 | .1 | .0 | | | | | | | 2.7 | 5.2 |
| SSE | 1.0 | 1.6 | .9 | .1 | | | | | | | | 3.6 | 5.3 |
| S | 1.7 | 2.2 | 1.7 | .5 | .1 | | | | | | | 6.2 | 6.0 |
| SSW | .8 | 1.2 | 1.2 | .5 | .1 | | | | | | | 3.8 | 6.8 |
| SW | .6 | .8 | .7 | .3 | .1 | | | | | | | 2.5 | 6.5 |
| WSW | 1.0 | .8 | .7 | .2 | .0 | | | | | | | 2.8 | 5.6 |
| W | 1.9 | 2.2 | 1.4 | .6 | .0 | | | | | | | 6.1 | 5.8 |
| WNW | 1.5 | 2.0 | 1.9 | 1.0 | .1 | | | | | | | 6.5 | 6.8 |
| NW | 1.9 | 3.6 | 2.8 | 1.4 | .1 | | | | | | | 9.8 | 6.7 |
| NNW | 2.0 | 3.2 | 2.4 | 1.1 | .1 | | | | | | | 8.8 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.9 | |
| | 23.7 | 31.3 | 20.4 | 7.1 | .6 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 7431

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 2.6 | 1.5 | .3 | .0 | | | | | | | 6.4 | 5.2 |
| NNE | 2.0 | 1.7 | .5 | .1 | .0 | | | | | | | 4.3 | 4.0 |
| NE | 2.8 | 2.1 | .5 | .0 | | | | | | | | 5.4 | 3.7 |
| ENE | 2.8 | 2.3 | 1.0 | .1 | .0 | | | | | | | 6.1 | 4.2 |
| E | 2.9 | 2.9 | 1.5 | .2 | .0 | | .0 | | | | | 7.5 | 4.7 |
| ESE | 1.3 | 1.5 | .8 | .1 | .0 | | | | | | | 3.7 | 4.8 |
| SE | 1.1 | 1.2 | .7 | .1 | .0 | .0 | | | | | | 3.0 | 5.0 |
| SSE | 1.3 | 1.3 | .8 | .1 | .0 | | | | | | | 3.6 | 5.0 |
| S | 2.2 | 2.3 | 1.4 | .5 | .1 | .0 | .0 | .0 | | | | 6.4 | 5.4 |
| SSW | 1.6 | 1.8 | 1.2 | .4 | .0 | .0 | | | | | | 5.0 | 5.6 |
| SW | 1.3 | 1.3 | .7 | .3 | .0 | .0 | | | | | | 3.6 | 5.3 |
| WSW | 1.4 | 1.3 | .6 | .2 | .0 | .0 | | | | | | 3.5 | 4.9 |
| W | 2.0 | 1.9 | .9 | .3 | .0 | | | | | | | 5.1 | 5.0 |
| WNW | 1.3 | 1.5 | 1.0 | .4 | .0 | .0 | | | | | | 4.2 | 5.8 |
| NW | 1.6 | 2.3 | 1.6 | .7 | .1 | | | | | | | 6.1 | 6.1 |
| NNW | 1.8 | 2.4 | 1.5 | .6 | .0 | .0 | | | | | | 6.3 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.9 | |
| | 29.3 | 30.2 | 16.1 | 4.2 | .3 | .0 | .0 | .0 | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 87625

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

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

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

| SPEED (KNTS) DIR. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.5 | 1.7 | .3 | .0 | | | | | | | 5.5 | 5.8 |
| NNE | 1.3 | 1.6 | .7 | .1 | | | | | | | | 3.6 | 4.7 |
| NE | 1.9 | 2.3 | 1.0 | .1 | | | | | | | | 5.3 | 4.6 |
| ENE | 2.4 | 3.0 | 2.3 | .4 | | | | | | | | 8.0 | 5.4 |
| E | 2.7 | 4.1 | 3.1 | .5 | .0 | | .0 | | | | | 10.5 | 5.7 |
| ESE | 1.5 | 2.2 | 1.2 | .3 | .0 | | | | | | | 5.2 | 5.4 |
| SE | 1.1 | 1.6 | 1.0 | .2 | .0 | | | | | | | 4.0 | 5.5 |
| SSE | 1.3 | 2.2 | 1.6 | .3 | .0 | | | | | | | 5.4 | 5.7 |
| S | 2.0 | 3.4 | 2.3 | .9 | .1 | .0 | .0 | .0 | | | | 8.7 | 6.2 |
| SSW | 1.3 | 2.1 | 1.7 | .5 | .1 | .0 | | | | | | 5.7 | 6.5 |
| SW | 1.1 | 1.3 | .9 | .3 | .0 | .0 | | | | | | 3.7 | 5.8 |
| WSW | 1.1 | 1.4 | .7 | .1 | .0 | .0 | | | | | | 3.4 | 5.1 |
| W | 1.4 | 1.8 | .9 | .2 | .0 | | | | | | | 4.4 | 5.3 |
| WNW | .5 | 1.1 | 1.1 | .5 | .0 | | | | | | | 3.3 | 7.1 |
| NW | .7 | 1.2 | 1.8 | 1.0 | .1 | | | | | | | 4.7 | 7.9 |
| NNW | .9 | 1.8 | 1.7 | .7 | .0 | | | | | | | 5.1 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 13.4 | |
| | 22.4 | 33.5 | 23.7 | 6.4 | .5 | .1 | .0 | .0 | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 10139

U S AIR FORCE
IRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

## EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ⅜ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| 1800<br>1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| 1200<br>1000 | | | | | | | | | | | | | | | | |
| 900<br>800 | | | | | | | | | | | | | | | | |
| 700<br>600 | | | | | | | | | | | | | | | | |
| 500<br>400 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| 300<br>200 | | | | | | | | | | | | | | | | |
| 100<br>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.



374 19964

GLOBAL CLIMATOLOGY BRANCH
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# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 6> 70,73-80 (YEARS) JAN (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.5 | 47.3 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.9 | 47.9 | 48.3 | 48.3 | 48.3 | 48.5 | 48.5 | 49.1 | 49.4 |
| ≥ 20000 | 39.9 | 49.6 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 51.5 | 51.8 |
| ≥ 18000 | 39.9 | 49.6 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 51.5 | 51.8 |
| ≥ 16000 | 39.9 | 49.6 | 50.1 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.7 | 50.7 | 50.7 | 50.9 | 50.9 | 51.5 | 51.8 |
| ≥ 14000 | 40.2 | 49.9 | 50.4 | 50.4 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 51.0 | 51.0 | 51.0 | 51.2 | 51.2 | 51.8 | 52.1 |
| ≥ 12000 | 40.5 | 50.6 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 | 52.4 | 52.7 |
| ≥ 10000 | 41.9 | 52.6 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.5 | 54.8 |
| ≥ 9000 | 41.9 | 52.6 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.5 | 54.8 |
| ≥ 8000 | 42.2 | 53.4 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.5 | 54.5 | 54.5 | 54.7 | 54.7 | 55.2 | 55.5 |
| ≥ 7000 | 42.4 | 54.0 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 55.2 | 55.2 | 55.2 | 55.5 | 55.5 | 56.1 | 56.4 |
| ≥ 6000 | 43.9 | 56.1 | 56.5 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 57.4 | 57.4 | 57.4 | 57.7 | 57.7 | 58.2 | 58.6 |
| ≥ 5000 | 45.1 | 58.7 | 59.2 | 59.4 | 59.5 | 59.5 | 59.5 | 59.6 | 59.7 | 60.2 | 60.2 | 60.2 | 60.5 | 60.5 | 61.0 | 61.4 |
| ≥ 4500 | 46.0 | 59.6 | 60.2 | 60.4 | 60.5 | 60.5 | 60.5 | 60.6 | 60.7 | 61.1 | 61.1 | 61.1 | 61.5 | 61.5 | 62.0 | 62.3 |
| ≥ 4000 | 46.9 | 61.0 | 62.2 | 62.4 | 62.8 | 62.9 | 62.9 | 63.0 | 63.1 | 63.5 | 63.5 | 63.5 | 63.8 | 63.8 | 64.4 | 64.7 |
| ≥ 3500 | 47.5 | 62.4 | 63.1 | 63.3 | 63.6 | 63.7 | 63.7 | 63.8 | 63.9 | 64.4 | 64.4 | 64.4 | 64.7 | 64.7 | 65.2 | 65.6 |
| ≥ 3000 | 48.4 | 63.7 | 64.5 | 64.7 | 65.0 | 65.1 | 65.1 | 65.2 | 65.3 | 65.8 | 65.8 | 65.8 | 66.1 | 66.1 | 66.6 | 67.0 |
| ≥ 2500 | 48.9 | 65.1 | 65.9 | 66.2 | 66.5 | 66.6 | 66.6 | 66.7 | 66.8 | 67.3 | 67.3 | 67.3 | 67.7 | 67.7 | 68.2 | 68.6 |
| ≥ 2000 | 49.8 | 66.7 | 67.7 | 68.0 | 68.4 | 68.6 | 68.6 | 68.7 | 68.8 | 69.2 | 69.3 | 69.3 | 69.8 | 69.8 | 70.3 | 70.6 |
| ≥ 1800 | 49.9 | 67.2 | 68.1 | 68.5 | 68.8 | 69.0 | 69.0 | 69.1 | 69.2 | 69.6 | 69.8 | 69.8 | 70.2 | 70.2 | 70.7 | 71.0 |
| ≥ 1500 | 50.7 | 69.0 | 70.0 | 70.3 | 70.6 | 70.8 | 70.8 | 70.9 | 71.0 | 71.5 | 71.6 | 71.6 | 72.0 | 72.0 | 72.6 | 72.9 |
| ≥ 1200 | 51.3 | 70.8 | 72.0 | 72.4 | 72.8 | 73.0 | 73.0 | 73.1 | 73.2 | 73.6 | 73.7 | 73.7 | 74.2 | 74.2 | 74.7 | 75.0 |
| ≥ 1000 | 52.3 | 72.8 | 74.2 | 74.6 | 75.0 | 75.2 | 75.2 | 75.3 | 75.5 | 75.9 | 76.0 | 76.0 | 76.4 | 76.4 | 77.0 | 77.3 |
| ≥ 900 | 52.7 | 74.2 | 75.6 | 76.0 | 76.4 | 76.6 | 76.6 | 76.7 | 76.9 | 77.3 | 77.4 | 77.4 | 77.8 | 77.8 | 78.4 | 78.7 |
| ≥ 800 | 53.1 | 75.1 | 76.5 | 77.0 | 77.5 | 77.7 | 77.7 | 77.8 | 77.9 | 78.4 | 78.5 | 78.5 | 78.9 | 78.9 | 79.4 | 79.8 |
| ≥ 700 | 53.4 | 76.9 | 78.3 | 78.9 | 79.4 | 79.7 | 79.7 | 79.8 | 79.9 | 80.3 | 80.4 | 80.4 | 80.8 | 80.8 | 81.4 | 81.7 |
| ≥ 600 | 53.8 | 79.0 | 81.2 | 81.8 | 82.6 | 82.8 | 82.8 | 82.9 | 83.0 | 83.5 | 83.9 | 83.9 | 84.3 | 84.3 | 84.8 | 85.1 |
| ≥ 500 | 53.9 | 80.3 | 82.7 | 83.3 | 84.5 | 84.7 | 84.7 | 84.8 | 84.9 | 85.5 | 85.8 | 85.8 | 86.2 | 86.3 | 86.9 | 87.2 |
| ≥ 400 | 53.9 | 81.3 | 84.2 | 85.0 | 86.5 | 86.9 | 87.0 | 87.6 | 87.7 | 88.3 | 88.6 | 88.6 | 89.1 | 89.2 | 89.8 | 90.1 |
| ≥ 300 | 54.0 | 81.9 | 84.8 | 86.0 | 87.7 | 88.2 | 88.6 | 89.5 | 89.6 | 90.2 | 90.5 | 90.5 | 91.2 | 91.3 | 91.8 | 92.1 |
| ≥ 200 | 54.0 | 82.0 | 85.0 | 86.2 | 88.0 | 88.7 | 89.2 | 90.3 | 90.5 | 91.4 | 91.8 | 91.8 | 92.9 | 93.0 | 93.6 | 94.0 |
| ≥ 100 | 54.1 | 82.1 | 85.1 | 86.3 | 88.3 | 88.9 | 89.6 | 90.7 | 91.3 | 92.2 | 93.0 | 93.1 | 94.7 | 95.3 | 96.2 | 97.2 |
| ≥ 0 | 54.1 | 82.1 | 85.1 | 86.3 | 88.3 | 88.9 | 89.6 | 90.7 | 91.3 | 92.2 | 93.0 | 93.1 | 94.7 | 95.3 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.2 | 41.5 | 42.0 | 42.4 | 42.7 | 42.9 | 43.0 | 43.1 | 43.1 | 43.1 | 43.2 | 43.2 | 43.3 | 43.3 | 43.9 | 44.0 |
| ≥ 20000 | 35.8 | 44.4 | 44.9 | 45.3 | 45.6 | 45.8 | 45.9 | 46.0 | 46.0 | 46.0 | 46.1 | 46.1 | 46.2 | 46.2 | 46.8 | 46.9 |
| ≥ 18000 | 35.8 | 44.4 | 44.9 | 45.3 | 45.6 | 45.8 | 45.9 | 46.0 | 46.0 | 46.0 | 46.1 | 46.1 | 46.2 | 46.2 | 46.8 | 46.9 |
| ≥ 16000 | 35.8 | 44.4 | 44.9 | 45.3 | 45.6 | 45.8 | 45.9 | 46.0 | 46.0 | 46.0 | 46.1 | 46.1 | 46.2 | 46.2 | 46.8 | 46.9 |
| ≥ 14000 | 36.0 | 44.6 | 45.2 | 45.5 | 45.8 | 46.0 | 46.1 | 46.2 | 46.2 | 46.2 | 46.3 | 46.3 | 46.5 | 46.5 | 47.0 | 47.1 |
| ≥ 12000 | 36.2 | 44.9 | 45.5 | 45.8 | 46.1 | 46.3 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.8 | 46.8 | 47.3 | 47.4 |
| ≥ 10000 | 37.5 | 46.6 | 47.1 | 47.4 | 47.7 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.3 | 48.3 | 48.5 | 48.5 | 49.0 | 49.1 |
| ≥ 9000 | 37.8 | 47.0 | 47.5 | 47.8 | 48.2 | 48.4 | 48.5 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.9 | 48.9 | 49.5 | 49.6 |
| ≥ 8000 | 38.5 | 48.1 | 48.6 | 48.9 | 49.2 | 49.5 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 50.0 | 50.0 | 50.5 | 50.6 |
| ≥ 7000 | 38.7 | 48.6 | 49.1 | 49.5 | 49.8 | 50.0 | 50.1 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.5 | 50.5 | 51.1 | 51.2 |
| ≥ 6000 | 39.7 | 49.8 | 50.3 | 50.6 | 51.0 | 51.2 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 | 51.5 | 51.7 | 51.7 | 52.3 | 52.4 |
| ≥ 5000 | 40.3 | 51.6 | 52.2 | 52.5 | 52.8 | 53.0 | 53.1 | 53.2 | 53.2 | 53.3 | 53.4 | 53.4 | 53.7 | 53.7 | 54.3 | 54.5 |
| ≥ 4500 | 41.2 | 52.7 | 53.2 | 53.5 | 53.9 | 54.1 | 54.2 | 54.3 | 54.3 | 54.4 | 54.5 | 54.5 | 54.8 | 54.8 | 55.5 | 55.7 |
| ≥ 4000 | 42.6 | 55.2 | 55.8 | 56.1 | 56.5 | 56.7 | 56.9 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.5 | 57.5 | 58.2 | 58.4 |
| ≥ 3500 | 42.9 | 55.8 | 56.5 | 56.8 | 57.1 | 57.3 | 57.5 | 57.6 | 57.6 | 57.7 | 57.8 | 57.8 | 58.2 | 58.2 | 58.8 | 59.0 |
| ≥ 3000 | 43.5 | 57.4 | 58.2 | 58.7 | 59.0 | 59.2 | 59.5 | 59.6 | 59.6 | 59.7 | 59.8 | 59.8 | 60.1 | 60.1 | 60.8 | 61.0 |
| ≥ 2500 | 44.4 | 58.8 | 59.6 | 60.2 | 60.6 | 60.9 | 61.1 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 | 61.7 | 61.7 | 62.4 | 62.6 |
| ≥ 2000 | 45.7 | 61.5 | 62.3 | 62.9 | 63.3 | 63.5 | 63.8 | 63.9 | 63.9 | 64.0 | 64.1 | 64.1 | 64.4 | 64.4 | 65.1 | 65.3 |
| ≥ 1800 | 46.2 | 62.4 | 63.1 | 63.8 | 64.2 | 64.4 | 64.6 | 64.7 | 64.7 | 64.8 | 64.9 | 64.9 | 65.3 | 65.3 | 65.9 | 66.1 |
| ≥ 1500 | 47.4 | 64.2 | 64.9 | 65.7 | 66.1 | 66.3 | 66.6 | 66.7 | 66.7 | 66.8 | 66.9 | 66.9 | 67.2 | 67.2 | 67.8 | 68.1 |
| ≥ 1200 | 47.7 | 66.8 | 67.5 | 68.3 | 68.8 | 69.0 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 70.1 | 70.1 | 70.9 | 71.1 |
| ≥ 1000 | 48.7 | 68.8 | 69.7 | 70.6 | 71.2 | 71.4 | 71.7 | 72.0 | 72.0 | 72.3 | 72.5 | 72.5 | 72.8 | 72.8 | 73.5 | 73.9 |
| ≥ 900 | 48.8 | 69.2 | 70.1 | 71.1 | 71.6 | 71.8 | 72.2 | 72.5 | 72.5 | 72.7 | 72.9 | 72.9 | 73.2 | 73.2 | 74.0 | 74.3 |
| ≥ 800 | 49.3 | 70.1 | 71.1 | 72.1 | 72.6 | 72.9 | 73.1 | 73.5 | 73.5 | 73.8 | 74.0 | 74.0 | 74.3 | 74.3 | 75.1 | 75.4 |
| ≥ 700 | 50.1 | 72.5 | 73.9 | 74.9 | 75.5 | 75.7 | 76.0 | 76.5 | 76.5 | 76.7 | 76.9 | 76.9 | 77.2 | 77.3 | 78.1 | 78.4 |
| ≥ 600 | 50.4 | 73.9 | 75.4 | 76.6 | 77.3 | 77.5 | 77.8 | 78.3 | 78.3 | 78.5 | 78.8 | 78.8 | 79.1 | 79.2 | 80.0 | 80.3 |
| ≥ 500 | 50.6 | 74.8 | 76.5 | 77.7 | 78.8 | 79.0 | 79.5 | 79.9 | 79.9 | 80.1 | 80.4 | 80.4 | 80.8 | 80.9 | 81.6 | 81.9 |
| ≥ 400 | 50.8 | 75.9 | 78.1 | 79.6 | 81.2 | 81.8 | 82.4 | 83.3 | 83.3 | 83.5 | 83.9 | 83.9 | 84.3 | 84.4 | 85.2 | 85.5 |
| ≥ 300 | 50.8 | 76.3 | 78.5 | 80.3 | 82.2 | 82.9 | 83.5 | 84.6 | 84.7 | 85.1 | 85.4 | 85.4 | 85.9 | 86.0 | 86.9 | 87.2 |
| ≥ 200 | 50.8 | 76.0 | 78.6 | 80.5 | 83.1 | 83.9 | 84.9 | 86.6 | 87.2 | 87.8 | 88.4 | 88.4 | 89.9 | 90.4 | 91.8 | 92.4 |
| ≥ 100 | 50.9 | 76.0 | 78.6 | 80.5 | 83.2 | 84.0 | 85.1 | 86.7 | 87.3 | 88.0 | 88.8 | 88.8 | 91.2 | 92.5 | 94.7 | 96.1 |
| 0 | 50.8 | 76.0 | 78.6 | 80.5 | 83.2 | 84.0 | 85.1 | 86.7 | 87.3 | 88.0 | 88.8 | 88.8 | 91.4 | 93.0 | 95.9 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03659 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

0 00-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.9 | 35.6 | 35.7 | 36.1 | 36.6 | 36.6 | 36.7 | 36.7 | 36.8 | 36.9 | 36.9 | 36.9 | 37.1 | 37.1 | 37.5 | 38.1 |
| ≥ 20000 | 25.7 | 39.0 | 39.2 | 39.7 | 40.1 | 40.2 | 40.3 | 40.3 | 40.4 | 40.5 | 40.5 | 40.5 | 40.8 | 40.8 | 41.2 | 41.8 |
| ≥ 18000 | 25.7 | 39.0 | 39.2 | 39.7 | 40.1 | 40.2 | 40.3 | 40.3 | 40.4 | 40.5 | 40.5 | 40.5 | 40.8 | 40.8 | 41.2 | 41.8 |
| ≥ 16000 | 25.8 | 39.1 | 39.4 | 39.8 | 40.2 | 40.3 | 40.4 | 40.4 | 40.5 | 40.6 | 40.6 | 40.6 | 40.9 | 40.9 | 41.3 | 41.9 |
| ≥ 14000 | 25.9 | 39.4 | 39.6 | 40.0 | 40.4 | 40.5 | 40.6 | 40.6 | 40.8 | 40.9 | 40.9 | 40.9 | 41.1 | 41.1 | 41.5 | 42.2 |
| ≥ 12000 | 26.2 | 40.3 | 40.5 | 41.0 | 41.4 | 41.5 | 41.6 | 41.6 | 41.7 | 41.8 | 41.8 | 41.8 | 42.0 | 42.0 | 42.5 | 43.1 |
| ≥ 10000 | 27.7 | 42.3 | 42.6 | 43.0 | 43.4 | 43.5 | 43.7 | 43.7 | 43.8 | 43.9 | 43.9 | 43.9 | 44.1 | 44.1 | 44.5 | 45.2 |
| ≥ 9000 | 28.0 | 42.9 | 43.2 | 43.7 | 44.1 | 44.2 | 44.3 | 44.3 | 44.4 | 44.5 | 44.5 | 44.5 | 44.7 | 44.7 | 45.2 | 45.8 |
| ≥ 8000 | 29.2 | 46.2 | 46.7 | 47.2 | 47.6 | 47.7 | 48.0 | 48.1 | 48.2 | 48.3 | 48.4 | 48.4 | 48.6 | 48.6 | 49.0 | 49.7 |
| ≥ 7000 | 29.7 | 47.0 | 47.4 | 48.0 | 48.4 | 48.5 | 48.7 | 48.8 | 48.9 | 49.0 | 49.1 | 49.1 | 49.4 | 49.4 | 49.8 | 50.4 |
| ≥ 6000 | 30.0 | 47.6 | 48.1 | 48.6 | 49.0 | 49.1 | 49.4 | 49.5 | 49.6 | 49.7 | 49.8 | 49.8 | 50.0 | 50.0 | 50.4 | 51.1 |
| ≥ 5000 | 30.2 | 48.7 | 49.1 | 49.9 | 50.3 | 50.4 | 50.6 | 50.9 | 51.0 | 51.2 | 51.3 | 51.3 | 51.5 | 51.5 | 51.9 | 52.6 |
| ≥ 4500 | 30.8 | 50.1 | 50.6 | 51.4 | 51.8 | 52.0 | 52.4 | 52.6 | 52.7 | 52.9 | 53.0 | 53.0 | 53.2 | 53.2 | 53.7 | 54.3 |
| ≥ 4000 | 31.6 | 51.6 | 52.5 | 53.2 | 53.7 | 54.0 | 54.3 | 54.5 | 54.6 | 54.8 | 54.9 | 55.1 | 55.3 | 55.3 | 55.7 | 56.3 |
| ≥ 3500 | 31.7 | 52.0 | 52.9 | 53.7 | 54.1 | 54.4 | 54.7 | 54.9 | 55.1 | 55.3 | 55.4 | 55.5 | 55.7 | 55.7 | 56.1 | 56.8 |
| ≥ 3000 | 32.5 | 53.2 | 54.1 | 54.8 | 55.4 | 55.7 | 56.0 | 56.2 | 56.3 | 56.6 | 56.7 | 56.8 | 57.0 | 57.0 | 57.4 | 58.1 |
| ≥ 2500 | 33.0 | 54.6 | 55.5 | 56.2 | 56.8 | 57.1 | 57.4 | 57.6 | 57.7 | 58.0 | 58.1 | 58.2 | 58.4 | 58.4 | 58.8 | 59.5 |
| ≥ 2000 | 33.9 | 57.7 | 57.8 | 58.7 | 59.4 | 59.8 | 60.1 | 60.3 | 60.4 | 60.6 | 60.8 | 60.9 | 61.1 | 61.1 | 61.5 | 62.2 |
| ≥ 1800 | 34.1 | 58.0 | 58.8 | 59.7 | 60.3 | 60.8 | 61.1 | 61.3 | 61.4 | 61.6 | 61.7 | 61.8 | 62.0 | 62.0 | 62.5 | 63.1 |
| ≥ 1500 | 34.6 | 60.0 | 61.0 | 61.8 | 62.6 | 63.1 | 63.4 | 63.7 | 63.8 | 64.0 | 64.1 | 64.2 | 64.4 | 64.4 | 64.9 | 65.6 |
| ≥ 1200 | 35.6 | 62.4 | 63.3 | 64.2 | 65.2 | 65.7 | 66.0 | 66.3 | 66.5 | 66.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.6 | 68.3 |
| ≥ 1000 | 35.9 | 63.1 | 64.2 | 65.2 | 66.2 | 66.8 | 67.1 | 67.4 | 67.5 | 67.7 | 67.8 | 68.0 | 68.2 | 68.2 | 68.7 | 69.4 |
| ≥ 900 | 36.2 | 64.1 | 65.3 | 66.2 | 67.4 | 68.0 | 68.3 | 68.6 | 68.7 | 68.9 | 69.0 | 69.1 | 69.4 | 69.4 | 69.9 | 70.5 |
| ≥ 800 | 36.6 | 65.1 | 66.6 | 67.7 | 69.1 | 69.7 | 70.1 | 70.4 | 70.5 | 70.8 | 70.9 | 71.0 | 71.2 | 71.2 | 71.7 | 72.4 |
| ≥ 700 | 36.8 | 66.0 | 67.7 | 69.2 | 70.6 | 71.2 | 71.7 | 72.0 | 72.2 | 72.4 | 72.6 | 72.7 | 72.9 | 73.0 | 73.5 | 74.2 |
| ≥ 600 | 37.5 | 67.6 | 69.4 | 71.3 | 73.1 | 73.8 | 74.5 | 74.9 | 75.2 | 75.5 | 75.7 | 75.8 | 76.1 | 76.2 | 76.8 | 77.4 |
| ≥ 500 | 37.5 | 68.5 | 70.4 | 72.5 | 75.1 | 75.9 | 77.0 | 77.5 | 77.7 | 78.2 | 78.5 | 78.6 | 78.9 | 79.0 | 79.6 | 80.2 |
| ≥ 400 | 37.6 | 69.5 | 71.8 | 74.5 | 77.5 | 78.5 | 80.2 | 81.1 | 81.5 | 81.9 | 82.7 | 82.8 | 83.2 | 83.4 | 84.0 | 84.6 |
| ≥ 300 | 37.6 | 69.7 | 72.3 | 75.4 | 78.7 | 80.2 | 82.2 | 83.3 | 84.1 | 84.8 | 85.8 | 85.9 | 86.3 | 86.6 | 87.4 | 88.2 |
| ≥ 200 | 37.6 | 69.7 | 72.4 | 75.7 | 79.4 | 81.1 | 83.1 | 84.7 | 86.1 | 87.5 | 89.0 | 89.2 | 90.2 | 90.6 | 91.8 | 93.0 |
| ≥ 100 | 37.6 | 69.7 | 72.4 | 75.7 | 79.4 | 81.1 | 83.1 | 84.7 | 86.6 | 88.2 | 90.3 | 90.5 | 91.8 | 92.6 | 94.9 | 97.4 |
| ≥ 0 | 37.6 | 69.7 | 72.4 | 75.7 | 79.4 | 81.1 | 83.1 | 84.7 | 86.6 | 88.2 | 90.3 | 90.5 | 91.8 | 92.6 | 95.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.4 | 37.2 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 20000 | 24.7 | 43.3 | 43.5 | 43.5 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 |
| ≥ 18000 | 24.7 | 43.5 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.0 | 44.0 | 44.0 | 44.0 |
| ≥ 16000 | 24.8 | 43.7 | 43.9 | 43.9 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 14000 | 25.3 | 44.4 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 12000 | 25.8 | 46.1 | 46.3 | 46.3 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 |
| ≥ 10000 | 27.7 | 49.2 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 9000 | 27.7 | 49.5 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 8000 | 28.8 | 52.8 | 53.1 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 7000 | 30.0 | 54.7 | 55.1 | 55.2 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 6000 | 30.5 | 56.0 | 56.3 | 56.5 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 5000 | 30.9 | 56.5 | 56.9 | 57.0 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 4500 | 31.3 | 57.2 | 57.7 | 57.8 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 4000 | 31.4 | 58.9 | 59.5 | 59.6 | 59.8 | 59.9 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 3500 | 31.5 | 59.6 | 60.1 | 60.2 | 60.4 | 60.5 | 60.5 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 3000 | 31.7 | 60.3 | 60.9 | 61.0 | 61.2 | 61.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 2500 | 32.3 | 62.7 | 63.3 | 63.4 | 63.8 | 64.0 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 2000 | 32.6 | 65.5 | 66.1 | 66.2 | 66.7 | 66.9 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 1800 | 32.6 | 66.0 | 66.8 | 66.9 | 67.3 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 1500 | 33.1 | 67.1 | 69.0 | 68.2 | 69.7 | 68.9 | 69.0 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 1200 | 33.7 | 69.5 | 70.6 | 71.0 | 71.6 | 71.8 | 71.9 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 1000 | 34.1 | 71.4 | 73.1 | 73.9 | 74.8 | 75.1 | 75.2 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 900 | 34.1 | 72.7 | 74.6 | 75.4 | 76.5 | 76.9 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 800 | 34.4 | 73.8 | 75.9 | 76.9 | 78.2 | 78.5 | 78.8 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 700 | 34.8 | 75.6 | 78.3 | 79.7 | 81.2 | 81.5 | 81.8 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 600 | 34.9 | 76.7 | 79.6 | 82.2 | 84.3 | 84.9 | 85.3 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 500 | 34.9 | 77.8 | 81.1 | 84.3 | 87.0 | 87.7 | 88.6 | 88.9 | 89.1 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 400 | 34.9 | 78.2 | 81.6 | 85.4 | 88.4 | 89.2 | 91.1 | 91.7 | 92.4 | 92.7 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 300 | 34.9 | 78.2 | 81.7 | 85.6 | 88.8 | 90.0 | 92.4 | 93.3 | 94.4 | 94.7 | 94.9 | 94.9 | 95.2 | 95.3 | 95.4 | 95.4 |
| ≥ 200 | 34.9 | 78.2 | 81.7 | 85.6 | 88.9 | 90.2 | 92.6 | 93.8 | 95.3 | 96.0 | 96.7 | 96.7 | 97.3 | 97.6 | 97.7 | 98.2 |
| ≥ 100 | 34.9 | 78.2 | 81.7 | 85.6 | 88.9 | 9..2 | 92.6 | 93.8 | 95.3 | 96.0 | 97.1 | 97.1 | 98.1 | 98.5 | 98.8 | 99.9 |
| ≥ 0 | 34.9 | 78.2 | 81.7 | 85.6 | 88.9 | 9..2 | 92.6 | 93.8 | 95.3 | 96.0 | 97.1 | 97.1 | 98.1 | 98.5 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

USAF STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 28.7 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 |
| ≥ 20000 | 32.4 | 52.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 18000 | 32.4 | 52.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 16000 | 32.4 | 52.4 | 52.4 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 14000 | 32.3 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 12000 | 33.8 | 54.5 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 10000 | 35.1 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 9000 | 35.3 | 57.3 | 57.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 8000 | 36.3 | 60.0 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 7000 | 38.1 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 6000 | 38.7 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 5000 | 39.7 | 65.5 | 65.5 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 4500 | 40.3 | 66.2 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 4000 | 40.4 | 67.8 | 67.8 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 3500 | 40.4 | 68.3 | 68.4 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 3000 | 41.1 | 70.0 | 70.2 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 2500 | 42.3 | 73.1 | 73.3 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 2000 | 43.2 | 76.6 | 76.8 | 77.2 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 1800 | 43.5 | 77.1 | 77.3 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 1500 | 43.9 | 80.1 | 80.3 | 81.0 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1200 | 44.8 | 83.9 | 84.2 | 84.8 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 1000 | 45.5 | 85.8 | 86.5 | 87.1 | 88.0 | 88.1 | 88.1 | 88.3 | 88.3 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 89.6 | 88.6 |
| ≥ 900 | 45.8 | 86.6 | 87.2 | 87.8 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 800 | 45.8 | 86.7 | 88.0 | 88.7 | 89.6 | 89.7 | 89.7 | 90.0 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 700 | 45.8 | 86.8 | 88.5 | 89.2 | 90.2 | 90.3 | 90.4 | 90.8 | 90.8 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 600 | 45.9 | 87.4 | 89.8 | 90.8 | 91.7 | 91.8 | 91.9 | 92.3 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 500 | 45.9 | 87.5 | 90.1 | 91.4 | 92.4 | 92.5 | 92.9 | 93.4 | 93.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 400 | 46.0 | 87.8 | 90.4 | 92.0 | 93.1 | 93.2 | 93.9 | 94.5 | 95.1 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 300 | 46.1 | 88.0 | 90.5 | 92.4 | 93.4 | 93.7 | 94.3 | 95.2 | 96.1 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 200 | 46.1 | 88.0 | 90.5 | 92.4 | 93.5 | 93.8 | 94.7 | 95.7 | 96.8 | 97.7 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 46.1 | 88.0 | 90.5 | 92.4 | 93.5 | 93.8 | 94.8 | 95.9 | 97.0 | 98.1 | 99.1 | 99.1 | 99.6 | 99.7 | 99.8 | 99.9 |
| ≥ 0 | 46.1 | 88.0 | 90.5 | 92.4 | 93.5 | 93.8 | 94.8 | 95.9 | 97.1 | 98.1 | 99.1 | 99.1 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.3 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 20000 | 35.5 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 18000 | 35.5 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 16000 | 35.5 | 54.0 | 54.0 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 14000 | 36.2 | 55.3 | 55.3 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 12000 | 37.5 | 57.1 | 57.1 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 10000 | 39.2 | 61.6 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 40.0 | 62.8 | 62.8 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 8000 | 40.6 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 7000 | 42.2 | 68.2 | 68.2 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 6000 | 43.9 | 70.6 | 70.6 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 5000 | 44.1 | 72.0 | 72.0 | 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 |
| ≥ 4500 | 44.9 | 72.6 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 4000 | 44.9 | 74.4 | 74.5 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 3500 | 45.3 | 75.3 | 75.6 | 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 |
| ≥ 3000 | 46.0 | 77.0 | 77.4 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 2500 | 46.3 | 78.4 | 79.1 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 2000 | 46.9 | 81.0 | 81.4 | 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 |
| ≥ 1800 | 47.0 | 81.4 | 82.3 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 1500 | 47.6 | 83.3 | 84.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1200 | 48.4 | 85.5 | 86.7 | 88.0 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1000 | 48.8 | 86.9 | 88.7 | 90.1 | 90.4 | 90.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 900 | 48.9 | 87.5 | 89.6 | 91.0 | 91.3 | 91.6 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 800 | 49.0 | 87.8 | 90.2 | 91.6 | 92.0 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 700 | 49.1 | 88.4 | 91.0 | 92.4 | 92.8 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 600 | 49.4 | 88.6 | 91.4 | 92.8 | 93.4 | 93.9 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 500 | 49.6 | 88.9 | 91.7 | 93.2 | 94.0 | 94.4 | 94.8 | 94.8 | 95.1 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 400 | 49.6 | 89.1 | 92. | 93.8 | 94.6 | 95.1 | 95.6 | 95.8 | 96.0 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 |
| ≥ 300 | 49.6 | 89.1 | 92.2 | 94.0 | 94.8 | 95.3 | 95.9 | 96.3 | 96.7 | 97.5 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 |
| ≥ 200 | 49.6 | 89.1 | 92.2 | 94.1 | 94.9 | 95.4 | 96.2 | 96.8 | 97.5 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 100 | 49.6 | 89.1 | 92.2 | 94.1 | 94.9 | 95.4 | 96.2 | 96.8 | 97.5 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 |
| ≥ 0 | 49.6 | 89.1 | 92.2 | 94.1 | 94.9 | 95.4 | 96.2 | 96.8 | 97.5 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.8 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 20000 | 42.4 | 54.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 18000 | 42.4 | 54.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 16000 | 42.4 | 54.7 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 14000 | 43.3 | 55.4 | 55.9 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 12000 | 43.4 | 56.1 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 10000 | 45.2 | 60.3 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 9000 | 46.0 | 61.3 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 8000 | 46.9 | 63.2 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 7000 | 47.3 | 64.1 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 6000 | 49.8 | 67.6 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 5000 | 50.6 | 68.8 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 4500 | 51.1 | 69.5 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 4000 | 51.8 | 72.2 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 3500 | 52.0 | 73.4 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3000 | 52.8 | 75.2 | 75.9 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 2500 | 53.3 | 77.0 | 77.8 | 78.0 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 2000 | 54.2 | 79.8 | 80.6 | 80.8 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1800 | 54.9 | 80.6 | 81.5 | 81.6 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 1500 | 56.2 | 83.1 | 84.0 | 84.3 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 |
| ≥ 1200 | 57.2 | 85.2 | 86.0 | 86.5 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 |
| ≥ 1000 | 57.6 | 86.3 | 87.4 | 87.8 | 89.5 | 88.8 | 88.8 | 88.8 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 |
| ≥ 900 | 57.7 | 87.5 | 88.6 | 89.0 | 89.8 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 800 | 57.7 | 88.3 | 89.4 | 89.8 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 |
| ≥ 700 | 57.7 | 89.4 | 90.4 | 90.9 | 91.7 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 |
| ≥ 600 | 58.1 | 89.7 | 90.8 | 91.2 | 92.3 | 92.7 | 92.8 | 92.8 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 500 | 58.2 | 90.3 | 91.6 | 92.0 | 93.3 | 93.8 | 94.0 | 94.0 | 94.1 | 94.2 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 | 94.8 |
| ≥ 400 | 58.2 | 90.8 | 92.0 | 92.7 | 94.3 | 94.7 | 95.1 | 95.3 | 95.4 | 95.9 | 96.0 | 96.0 | 96.5 | 96.5 | 96.5 | 96.6 |
| ≥ 300 | 58.2 | 90.8 | 92.2 | 93.0 | 94.7 | 95.2 | 95.7 | 96.1 | 96.2 | 96.8 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 |
| ≥ 200 | 58.2 | 90.8 | 92.2 | 93.0 | 94.7 | 95.2 | 95.8 | 96.6 | 96.9 | 97.4 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 100 | 58.2 | 90.8 | 92.2 | 93.1 | 94.8 | 95.3 | 95.9 | 96.7 | 97.1 | 97.8 | 98.3 | 98.4 | 99.0 | 99.1 | 99.6 | 99.7 |
| ≥ 0 | 58.2 | 90.8 | 92.2 | 93.1 | 94.8 | 95.3 | 95.9 | 96.7 | 97.1 | 97.8 | 98.3 | 98.4 | 99.0 | 99.1 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.0 | 49.9 | 50.8 | 50.9 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.7 |
| ≥ 20000 | 40.4 | 53.2 | 54.2 | 54.3 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 |
| ≥ 18000 | 40.4 | 53.2 | 54.2 | 54.3 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 |
| ≥ 16000 | 40.4 | 53.2 | 54.2 | 54.3 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 |
| ≥ 14000 | 40.5 | 53.4 | 54.4 | 54.5 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.5 |
| ≥ 12000 | 40.6 | 53.7 | 54.6 | 54.7 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 |
| ≥ 10000 | 41.9 | 56.3 | 57.3 | 57.4 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 |
| ≥ 9000 | 42.0 | 56.5 | 57.4 | 57.5 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.5 |
| ≥ 8000 | 43.5 | 59.6 | 59.6 | 59.9 | 60.6 | 60.6 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 |
| ≥ 7000 | 44.8 | 60.3 | 61.3 | 61.6 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 |
| ≥ 6000 | 47.1 | 63.3 | 64.3 | 64.6 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.8 |
| ≥ 5000 | 48.3 | 65.3 | 66.3 | 66.7 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 68.0 |
| ≥ 4500 | 49.2 | 66.3 | 67.5 | 67.8 | 68.6 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.4 |
| ≥ 4000 | 49.8 | 68.3 | 69.5 | 69.8 | 70.5 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 3500 | 50.6 | 69.6 | 70.8 | 71.1 | 71.8 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 3000 | 51.4 | 71.4 | 72.6 | 72.9 | 73.7 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 2500 | 51.7 | 72.6 | 73.8 | 74.2 | 75.2 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 |
| ≥ 2000 | 52.4 | 75.1 | 76.3 | 76.9 | 78.1 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.8 |
| ≥ 1800 | 52.7 | 75.4 | 76.7 | 77.2 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 |
| ≥ 1500 | 53.5 | 77.7 | 79.2 | 79.8 | 81.0 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 |
| ≥ 1200 | 54.3 | 79.8 | 81.3 | 81.9 | 83.1 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.1 |
| ≥ 1000 | 55.1 | 81.4 | 83.1 | 83.8 | 84.9 | 85.3 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.0 |
| ≥ 900 | 55.8 | 83.2 | 85.1 | 85.7 | 87.0 | 87.3 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.1 |
| ≥ 800 | 56.0 | 84.0 | 85.8 | 86.6 | 87.8 | 88.2 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 |
| ≥ 700 | 56.2 | 85.4 | 87.6 | 88.4 | 89.8 | 90.1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 600 | 56.2 | 86.0 | 88.6 | 89.5 | 91.0 | 91.3 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.2 |
| ≥ 500 | 56.5 | 86.8 | 89.6 | 90.4 | 91.9 | 92.3 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.1 |
| ≥ 400 | 56.5 | 87.2 | 90.4 | 91.6 | 93.2 | 93.7 | 94.6 | 94.8 | 94.8 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 |
| ≥ 300 | 56.5 | 87.4 | 90.9 | 92.3 | 94.2 | 94.6 | 95.8 | 96.1 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 |
| ≥ 200 | 56.5 | 87.4 | 90.9 | 92.3 | 94.4 | 94.9 | 96.1 | 96.7 | 97.0 | 97.2 | 97.3 | 97.3 | 97.6 | 97.6 | 97.7 | 97.8 |
| ≥ 100 | 56.5 | 87.4 | 91.0 | 92.4 | 94.6 | 95.2 | 96.3 | 96.9 | 97.3 | 97.6 | 98.1 | 98.1 | 98.6 | 98.6 | 98.8 | 99.2 |
| ≥ 0 | 56.5 | 87.4 | 91.0 | 92.4 | 94.6 | 95.2 | 96.3 | 96.9 | 97.3 | 97.6 | 98.1 | 98.1 | 98.6 | 98.7 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.0 | 44.1 | 44.4 | 44.5 | 44.6 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 | 45.0 | 45.1 | 45.3 |
| ≥ 20000 | 34.6 | 48.8 | 49.2 | 49.4 | 49.5 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.9 | 49.9 | 50.1 | 50.2 |
| ≥ 18000 | 34.6 | 48.9 | 49.2 | 49.4 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 50.1 | 50.2 |
| ≥ 16000 | 34.6 | 48.9 | 49.2 | 49.4 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 50.1 | 50.3 |
| ≥ 14000 | 35.0 | 49.5 | 49.8 | 50.0 | 50.2 | 50.2 | 50.2 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.5 | 50.5 | 50.7 | 50.8 |
| ≥ 12000 | 35.5 | 50.4 | 50.8 | 50.9 | 51.1 | 51.2 | 51.2 | 51.2 | 51.3 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.8 |
| ≥ 10000 | 37.0 | 53.2 | 53.6 | 53.8 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.3 | 54.3 | 54.5 | 54.6 |
| ≥ 9000 | 37.3 | 53.7 | 54.1 | 54.3 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 55.0 | 55.1 |
| ≥ 8000 | 38.3 | 55.9 | 56.3 | 56.5 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 57.0 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.5 |
| ≥ 7000 | 39.1 | 57.4 | 57.8 | 58.1 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.7 | 58.7 | 58.9 | 59.1 |
| ≥ 6000 | 40.4 | 59.4 | 59.8 | 60.1 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.7 | 60.7 | 60.9 | 61.1 |
| ≥ 5000 | 41.1 | 60.9 | 61.3 | 61.6 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.6 | 62.7 |
| ≥ 4500 | 41.8 | 61.8 | 62.3 | 62.6 | 62.8 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.4 | 63.4 | 63.6 | 63.8 |
| ≥ 4000 | 42.4 | 63.7 | 64.3 | 64.7 | 64.9 | 65.1 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.9 | 65.9 |
| ≥ 3500 | 42.7 | 64.6 | 65.2 | 65.5 | 65.8 | 65.9 | 66.0 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.6 | 66.8 |
| ≥ 3000 | 43.4 | 66.0 | 66.7 | 67.1 | 67.4 | 67.5 | 67.6 | 67.7 | 67.7 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 | 68.2 | 68.4 |
| ≥ 2500 | 44.0 | 67.8 | 68.5 | 69.0 | 69.4 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.2 | 70.4 |
| ≥ 2000 | 44.9 | 70.4 | 71.2 | 71.6 | 72.1 | 7 .3 | 72.4 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 73.0 | 73.2 |
| ≥ 1800 | 45.1 | 71.0 | 71.6 | 72.3 | 72.8 | 73.0 | 73.0 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.5 | 73.5 | 73.7 | 73.9 |
| ≥ 1500 | 45.9 | 73.1 | 74.0 | 74.6 | 75.1 | 75.3 | 75.4 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 76.1 | 76.2 |
| ≥ 1200 | 46.6 | 75.5 | 76.3 | 77.1 | 77.8 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.5 | 78.6 | 78.6 | 78.9 | 79.0 |
| ≥ 1000 | 47.3 | 77.1 | 78.4 | 79.1 | 79.9 | 80.2 | 80.3 | 80.5 | 80.5 | 80.7 | 80.8 | 80.8 | 81.0 | 81.0 | 81.2 | 81.4 |
| ≥ 900 | 47.5 | 78.1 | 79.5 | 80.3 | 81.1 | 81.4 | 81.6 | 81.7 | 81.7 | 81.9 | 82.0 | 82.0 | 82.2 | 82.2 | 82.4 | 82.6 |
| ≥ 800 | 47.7 | 78.9 | 80.4 | 81.3 | 82.2 | 82.5 | 82.7 | 82.9 | 82.9 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.6 | 83.8 |
| ≥ 700 | 48.0 | 80.1 | 82.0 | 83.0 | 83.9 | 84.2 | 84.5 | 84.6 | 84.7 | 84.9 | 85.0 | 85.0 | 85.1 | 85.2 | 85.4 | 85.6 |
| ≥ 600 | 48.3 | 81.1 | 83.3 | 84.5 | 85.7 | 86.1 | 86.4 | 86.6 | 86.7 | 86.9 | 87.0 | 87.1 | 87.2 | 87.2 | 87.5 | 87.7 |
| ≥ 500 | 48.4 | 81.9 | 84.2 | 85.6 | 87.1 | 87.5 | 88.0 | 88.3 | 88.4 | 88.7 | 88.9 | 88.9 | 89.1 | 89.2 | 89.4 | 89.6 |
| ≥ 400 | 48.4 | 82.5 | 85.1 | 86.8 | 88.6 | 89.1 | 90.0 | 90.5 | 90.8 | 91.2 | 91.5 | 91.5 | 91.8 | 91.8 | 92.1 | 92.3 |
| ≥ 300 | 48.5 | 82.6 | 85.4 | 87.4 | 89.3 | 90.0 | 91.0 | 91.8 | 92.3 | 92.8 | 93.1 | 93.1 | 93.4 | 93.5 | 93.8 | 94.0 |
| ≥ 200 | 48.5 | 82.6 | 85.4 | 87.5 | 89.6 | 9 .4 | 91.6 | 92.6 | 93.4 | 94.2 | 94.8 | 94.8 | 95.5 | 95.7 | 96.1 | 96.5 |
| ≥ 100 | 48.5 | 82.7 | 85.5 | 87.5 | 89.7 | 90.5 | 91.7 | 92.8 | 93.7 | 94.6 | 95.5 | 95.5 | 96.5 | 97.0 | 97.8 | 98.6 |
| 0 | 48.5 | 82.7 | 85.5 | 97.5 | 89.7 | 9 .5 | 91.7 | 92.8 | 93.7 | 94.6 | 95.5 | 95.5 | 96.6 | 97.1 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13956 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.7 | 55.0 | 56.3 | 57.1 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 58.0 |
| ≥ 20000 | 44.8 | 57.6 | 59.0 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 |
| ≥ 18000 | 44.8 | 57.6 | 59. | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 |
| ≥ 16000 | 44.8 | 57.6 | 59.0 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 |
| ≥ 14000 | 44.8 | 57.6 | 59.0 | 59.8 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 |
| ≥ 12000 | 45.7 | 58.9 | 60.3 | 61.1 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 62.1 |
| ≥ 10000 | 47.6 | 61.8 | 63.4 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 65.1 |
| ≥ 9000 | 47.6 | 61.8 | 63.4 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 65.1 |
| ≥ 8000 | 49.6 | 64.8 | 66.3 | 67.1 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 68.1 |
| ≥ 7000 | 50.0 | 65.4 | 66.9 | 67.7 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.7 |
| ≥ 6000 | 50.6 | 66.7 | 68.2 | 69.0 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 70.0 |
| ≥ 5000 | 51.5 | 68.7 | 70.4 | 71.3 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 72.2 |
| ≥ 4500 | 52.2 | 69.7 | 71.5 | 72.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 73.3 |
| ≥ 4000 | 52.7 | 72.0 | 73.9 | 74.7 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.7 |
| ≥ 3500 | 53.2 | 72.8 | 74.7 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.5 |
| ≥ 3000 | 53.3 | 73.3 | 75.2 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 77.0 |
| ≥ 2500 | 54.9 | 75.2 | 77.1 | 77.9 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.8 |
| ≥ 2000 | 55.2 | 76.1 | 78.0 | 78.8 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 80.1 |
| ≥ 1800 | 55.4 | 76.7 | 78.6 | 79.4 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.7 |
| ≥ 1500 | 55.7 | 77.5 | 79.4 | 80.3 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.8 |
| ≥ 1200 | 56. | 79.0 | 81.0 | 81.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.6 |
| ≥ 1000 | 56.3 | 79.4 | 81.6 | 82.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.3 |
| ≥ 900 | 56.6 | 79.8 | 81.9 | 82.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.8 |
| ≥ 800 | 56.7 | 80.4 | 82.5 | 83.6 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.7 |
| ≥ 700 | 57.0 | 80.9 | 83.1 | 84.0 | 85.2 | 85.3 | 85.5 | 85.5 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 86.3 |
| ≥ 600 | 57.2 | 81.6 | 83.8 | 84.8 | 85.9 | 86.1 | 86.2 | 86.3 | 86.3 | 86.4 | 86.5 | 86.6 | 86.8 | 86.8 | 86.8 | 87.1 |
| ≥ 500 | 57.6 | 83.1 | 85.6 | 86.9 | 88.3 | 88.4 | 88.5 | 88.8 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.6 |
| ≥ 400 | 58.0 | 84.8 | 87.5 | 89.1 | 90.8 | 91.4 | 91.5 | 92.1 | 92.1 | 92.2 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 93.0 |
| ≥ 300 | 58.0 | 85.1 | 87.9 | 89.7 | 92.1 | 92.7 | 93.0 | 93.7 | 94.0 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 95.0 |
| ≥ 200 | 58.0 | 85.1 | 88.1 | 89.8 | 92.3 | 93.3 | 94.0 | 94.8 | 95.2 | 95.4 | 95.9 | 96.2 | 96.7 | 96.8 | 96.9 | 97.4 |
| ≥ 100 | 58.0 | 85.1 | 88.1 | 89.8 | 92.3 | 93.3 | 94.1 | 95.3 | 95.6 | 95.9 | 96.5 | 96.9 | 97.8 | 98.1 | 98.7 | 99.4 |
| ≥ 0 | 58.0 | 85.1 | 88.1 | 89.8 | 92.3 | 93.3 | 94.1 | 95.3 | 95.6 | 96.0 | 96.6 | 97.0 | 97.9 | 98.3 | 99.1 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03854 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.6 | 50.1 | 50.9 | 51.5 | 51.9 | 52.0 | 52.1 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.6 | 52.6 | 52.7 | 53.5 |
| ≥ 20000 | 39.0 | 52.0 | 53.0 | 53.8 | 54.3 | 54.4 | 54.5 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.2 | 56.0 |
| ≥ 18000 | 39.0 | 52.0 | 53.0 | 53.8 | 54.3 | 54.4 | 54.5 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.2 | 56.0 |
| ≥ 16000 | 39.0 | 52.0 | 53.0 | 53.8 | 54.3 | 54.4 | 54.5 | 54.8 | 54.8 | 54.8 | 55.0 | 55.0 | 55.1 | 55.1 | 55.2 | 56.0 |
| ≥ 14000 | 39.2 | 52.2 | 53.2 | 54.0 | 54.5 | 54.6 | 54.7 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 56.3 |
| ≥ 12000 | 40.0 | 53.0 | 53.9 | 54.7 | 55.2 | 55.3 | 55.4 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 | 57.0 |
| ≥ 10000 | 42.1 | 56.9 | 57.8 | 58.6 | 59.1 | 59.2 | 59.3 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.9 |
| ≥ 9000 | 42.2 | 57.2 | 58.2 | 59.0 | 59.5 | 59.6 | 59.7 | 60.0 | 60.0 | 60.0 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 61.2 |
| ≥ 8000 | 43.3 | 59.8 | 60.9 | 61.7 | 62.2 | 62.3 | 62.4 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.9 |
| ≥ 7000 | 43.9 | 60.4 | 61.5 | 62.3 | 62.8 | 62.9 | 63.0 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.6 | 63.6 | 63.7 | 64.5 |
| ≥ 6000 | 45.0 | 62.4 | 63.5 | 64.3 | 64.8 | 64.9 | 65.0 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 66.5 |
| ≥ 5000 | 46.1 | 63.9 | 65.4 | 66.2 | 66.8 | 66.9 | 67.0 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.6 | 67.7 | 68.6 |
| ≥ 4500 | 47.0 | 65.1 | 66.5 | 67.4 | 68.0 | 68.1 | 68.2 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.7 |
| ≥ 4000 | 47.3 | 65.8 | 67.4 | 68.2 | 68.8 | 68.9 | 69.0 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 70.6 |
| ≥ 3500 | 47.5 | 66.5 | 68.2 | 69.0 | 69.6 | 69.7 | 69.9 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.4 | 70.4 | 70.6 | 71.4 |
| ≥ 3000 | 48.0 | 67.4 | 69.1 | 69.9 | 70.4 | 70.6 | 70.7 | 71.0 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.5 | 72.3 |
| ≥ 2500 | 48.7 | 68.6 | 70.4 | 71.6 | 72.2 | 72.3 | 72.5 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.2 | 73.2 | 73.3 | 74.1 |
| ≥ 2000 | 49.8 | 70.7 | 72.7 | 73.9 | 74.8 | 75.1 | 75.2 | 75.5 | 75.7 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 76.0 | 76.8 |
| ≥ 1800 | 50.0 | 71.3 | 73.4 | 74.6 | 75.5 | 75.8 | 75.9 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.7 | 77.5 |
| ≥ 1500 | 50.4 | 72.1 | 74.5 | 75.7 | 76.6 | 76.8 | 77.0 | 77.4 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 77.8 | 77.9 | 78.7 |
| ≥ 1200 | 51.1 | 73.4 | 75.8 | 77.1 | 78.0 | 78.3 | 78.4 | 78.8 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.3 | 80.1 |
| ≥ 1000 | 51.5 | 73.9 | 76.4 | 77.7 | 78.7 | 79.0 | 79.1 | 79.6 | 79.7 | 79.7 | 79.9 | 79.8 | 79.9 | 79.9 | 80.0 | 80.9 |
| ≥ 900 | 51.9 | 74.6 | 77.1 | 78.4 | 79.4 | 79.7 | 79.8 | 80.3 | 80.4 | 80.6 | 80.8 | 80.9 | 81.0 | 81.0 | 81.1 | 81.9 |
| ≥ 800 | 52.2 | 75.7 | 78.1 | 79.6 | 80.6 | 80.9 | 81.0 | 81.4 | 81.6 | 81.8 | 82.0 | 82.0 | 82.2 | 82.2 | 82.3 | 83.1 |
| ≥ 700 | 52.6 | 77.3 | 79.9 | 81.6 | 82.7 | 83.0 | 83.1 | 83.6 | 83.7 | 83.9 | 84.2 | 84.2 | 84.3 | 84.3 | 84.4 | 85.2 |
| ≥ 600 | 53.1 | 78.5 | 81.1 | 82.7 | 83.9 | 84.2 | 84.3 | 84.8 | 84.9 | 85.1 | 85.3 | 85.3 | 85.5 | 85.5 | 85.6 | 86.4 |
| ≥ 500 | 53.4 | 79.3 | 82.2 | 84.3 | 85.6 | 86.1 | 86.2 | 86.6 | 86.9 | 87.1 | 87.4 | 87.4 | 87.5 | 87.5 | 87.6 | 88.4 |
| ≥ 400 | 53.4 | 79.3 | 82.5 | 84.8 | 86.3 | 86.8 | 87.1 | 87.9 | 88.3 | 88.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 90.1 |
| ≥ 300 | 53.4 | 79.8 | 83.0 | 85.2 | 86.8 | 87.2 | 87.9 | 89.0 | 89.6 | 90.1 | 90.4 | 90.4 | 90.7 | 90.7 | 90.9 | 91.7 |
| ≥ 200 | 53.4 | 79.8 | 83.1 | 85.3 | 87.2 | 87.8 | 88.9 | 90.5 | 91.4 | 92.3 | 92.9 | 93.1 | 93.9 | 94.2 | 94.6 | 95.5 |
| ≥ 100 | 53.4 | 79.8 | 83.1 | 85.3 | 87.2 | 87.8 | 88.9 | 90.9 | 91.7 | 92.9 | 93.6 | 94.0 | 95.4 | 95.9 | 97.2 | 98.6 |
| ≥ 0 | 53.4 | 79.8 | 83.1 | 85.3 | 87.2 | 87.8 | 88.9 | 90.9 | 91.7 | 92.9 | 93.6 | 94.0 | 95.4 | 96.2 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3650 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.6 | 44.2 | 46.8 | 47.6 | 48.5 | 48.7 | 48.7 | 48.9 | 49.2 | 49.2 | 49.3 | 49.3 | 49.4 | 49.4 | 49.5 | 50.4 |
| ≥ 20000 | 26.5 | 48.1 | 50.9 | 51.9 | 52.7 | 53.0 | 53.1 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.8 |
| ≥ 18000 | 26.5 | 48.1 | 50.9 | 51.9 | 52.7 | 53.0 | 53.1 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.8 |
| ≥ 16000 | 26.5 | 48.1 | 50.9 | 51.9 | 52.7 | 53.0 | 53.1 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.8 |
| ≥ 14000 | 26.5 | 48.3 | 51.2 | 52.1 | 53.0 | 53.2 | 53.3 | 53.5 | 53.8 | 53.8 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 55.1 |
| ≥ 12000 | 27.0 | 49.2 | 52. | 53.0 | 53.8 | 54.0 | 54.1 | 54.4 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 55.0 | 55.9 |
| ≥ 10000 | 29.1 | 53.0 | 55.9 | 56.9 | 57.8 | 58.0 | 58.2 | 58.4 | 58.6 | 58.7 | 59.1 | 59.0 | 59.1 | 59.1 | 59.2 | 60.2 |
| ≥ 9000 | 29.1 | 53.0 | 55.9 | 56.9 | 57.8 | 58.0 | 58.3 | 58.5 | 58.7 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 60.3 |
| ≥ 8000 | 30.0 | 55.0 | 58.3 | 59.2 | 60.2 | 60.4 | 60.8 | 61.0 | 61.2 | 61.3 | 61.6 | 61.6 | 61.7 | 61.8 | 61.9 | 63.0 |
| ≥ 7000 | 30.4 | 56.3 | 59.6 | 60.5 | 61.5 | 61.7 | 62.1 | 62.3 | 62.5 | 62.6 | 62.9 | 62.9 | 63.0 | 63.1 | 63.2 | 64.3 |
| ≥ 6000 | 31.3 | 57.7 | 61.1 | 62.1 | 63.0 | 63.2 | 63.6 | 63.8 | 64.1 | 64.2 | 64.4 | 64.4 | 64.5 | 64.7 | 64.8 | 65.8 |
| ≥ 5000 | 31.9 | 59.7 | 62.5 | 63.4 | 64.4 | 64.7 | 65.0 | 65.2 | 65.6 | 65.7 | 66.0 | 66.0 | 66.1 | 66.3 | 66.4 | 67.5 |
| ≥ 4500 | 32.3 | 59.5 | 63.0 | 64.1 | 65.2 | 65.5 | 65.8 | 66.1 | 66.4 | 66.5 | 66.9 | 66.9 | 67.0 | 67.3 | 67.4 | 68.4 |
| ≥ 4000 | 32.4 | 59.9 | 63.5 | 64.9 | 66.1 | 66.3 | 66.7 | 67.0 | 67.4 | 67.5 | 67.8 | 67.8 | 68.0 | 68.2 | 68.3 | 69.4 |
| ≥ 3500 | 32.7 | 61.2 | 64.9 | 66.3 | 67.5 | 67.7 | 68.1 | 68.6 | 68.9 | 69.0 | 69.4 | 69.4 | 69.5 | 69.7 | 69.9 | 70.9 |
| ≥ 3000 | 33.1 | 62.3 | 66.1 | 67.6 | 68.9 | 69.1 | 69.5 | 70.0 | 70.3 | 70.4 | 70.8 | 70.8 | 70.9 | 71.2 | 71.3 | 72.3 |
| ≥ 2500 | 33.7 | 63.6 | 67.4 | 69.1 | 70.7 | 70.9 | 71.5 | 72.0 | 72.3 | 72.6 | 72.9 | 72.9 | 73.0 | 73.3 | 73.4 | 74.5 |
| ≥ 2000 | 34.4 | 65.1 | 69.6 | 71.4 | 73.2 | 73.8 | 74.3 | 74.9 | 75.3 | 75.5 | 75.9 | 75.9 | 76.0 | 76.2 | 76.4 | 77.4 |
| ≥ 1800 | 34.6 | 65.7 | 70.3 | 72.1 | 73.9 | 74.5 | 75.1 | 75.7 | 76.1 | 76.4 | 76.7 | 76.7 | 76.8 | 77.1 | 77.2 | 78.3 |
| ≥ 1500 | 34.9 | 66.4 | 71.3 | 73.3 | 75.4 | 76.0 | 76.6 | 77.3 | 77.8 | 78.0 | 78.5 | 78.5 | 78.7 | 79.0 | 79.1 | 80.1 |
| ≥ 1200 | 35.2 | 67.4 | 72.3 | 74.6 | 77.0 | 77.5 | 78.1 | 79.0 | 79.6 | 79.9 | 80.5 | 80.5 | 80.7 | 81.0 | 81.1 | 82.2 |
| ≥ 1000 | 35.5 | 68.4 | 73.6 | 76.0 | 78.4 | 79.1 | 79.8 | 80.6 | 81.2 | 81.6 | 82.2 | 82.2 | 82.4 | 82.6 | 82.7 | 83.8 |
| ≥ 900 | 35.5 | 69.6 | 75.1 | 77.5 | 79.9 | 80.6 | 81.4 | 82.3 | 82.9 | 83.2 | 83.8 | 83.8 | 84.0 | 84.3 | 84.4 | 85.5 |
| ≥ 800 | 35.6 | 70.2 | 75.9 | 78.4 | 80.7 | 81.6 | 82.4 | 83.2 | 83.8 | 84.2 | 84.8 | 84.8 | 85.0 | 85.2 | 85.3 | 86.4 |
| ≥ 700 | 36.1 | 70.8 | 76.5 | 79.0 | 81.7 | 82.5 | 83.3 | 84.2 | 84.8 | 85.2 | 85.8 | 85.8 | 86.1 | 86.3 | 86.4 | 87.5 |
| ≥ 600 | 36.4 | 71.4 | 77.1 | 79.7 | 82.4 | 83.3 | 84.2 | 85.0 | 85.6 | 86.1 | 86.6 | 86.6 | 86.9 | 87.1 | 87.2 | 88.3 |
| ≥ 500 | 36.4 | 71.9 | 77.7 | 80.5 | 83.2 | 84.5 | 85.6 | 86.6 | 87.2 | 87.7 | 88.3 | 88.3 | 88.5 | 88.6 | 88.9 | 90.0 |
| ≥ 400 | 36.4 | 72.1 | 78.1 | 81.1 | 83.9 | 85.3 | 86.4 | 87.6 | 88.3 | 88.8 | 89.5 | 89.5 | 89.7 | 90.0 | 90.1 | 91.1 |
| ≥ 300 | 36.4 | 72.1 | 78.1 | 81.3 | 84.3 | 85.7 | 86.9 | 88.7 | 89.6 | 90.8 | 91.6 | 91.6 | 91.8 | 92.1 | 92.2 | 93.7 |
| ≥ 200 | 36.4 | 72.1 | 78.1 | 81.3 | 84.4 | 85.9 | 87.1 | 88.9 | 90.1 | 91.8 | 92.9 | 92.9 | 93.1 | 93.4 | 93.7 | 95.6 |
| ≥ 100 | 36.4 | 72.1 | 78.0 | 81.3 | 84.4 | 85.9 | 87.1 | 89.0 | 90.2 | 92.0 | 93.3 | 93.3 | 93.6 | 94. | 95.2 | 98.3 |
| ≥ 0 | 36.4 | 72.1 | 78.0 | 81.3 | 84.4 | 85.9 | 87.1 | 89.0 | 90.2 | 92.0 | 93.3 | 93.3 | 93.6 | 94. | 95.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 646

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.2 | 52.4 | 52.9 | 53.5 | 53.8 | 53.8 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 29.2 | 58.3 | 58.7 | 59.5 | 59.7 | 59.7 | 60.0 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 18000 | 29.4 | 58.6 | 59.1 | 59.8 | 60.0 | 60.0 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 16000 | 29.4 | 58.6 | 59.1 | 59.8 | 60.0 | 60.0 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 14000 | 29.4 | 58.7 | 59.2 | 59.9 | 60.2 | 60.2 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 12000 | 31.3 | 61.2 | 62.1 | 62.9 | 63.1 | 63.1 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 10000 | 32.0 | 63.2 | 64.4 | 65.2 | 65.5 | 65.5 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 9000 | 33.0 | 63.9 | 65.1 | 66.0 | 66.2 | 66.2 | 66.5 | 66.5 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 8000 | 34.0 | 66.9 | 68.1 | 68.9 | 69.1 | 69.1 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 7000 | 34.4 | 68.0 | 69.1 | 70.1 | 70.3 | 70.3 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 6000 | 34.8 | 68.6 | 69.9 | 70.8 | 71.2 | 71.2 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 5000 | 35.3 | 69.5 | 70.9 | 71.9 | 72.2 | 72.3 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 4500 | 35.6 | 70.0 | 71.4 | 72.3 | 72.7 | 72.8 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 4000 | 35.6 | 71.2 | 72.9 | 73.9 | 74.3 | 74.5 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 3500 | 35.7 | 71.6 | 73.5 | 74.5 | 74.9 | 75.1 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 3000 | 35.8 | 72.5 | 74.3 | 75.3 | 75.9 | 76.0 | 76.6 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 2500 | 36.3 | 73.3 | 75.3 | 76.2 | 76.8 | 77.2 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2000 | 37.2 | 75.9 | 78.1 | 79.2 | 79.8 | 80.1 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 1800 | 37.6 | 77.1 | 79.2 | 80.4 | 81.0 | 81.3 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 1500 | 37.9 | 79.0 | 81.2 | 82.5 | 83.3 | 83.7 | 84.6 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1200 | 38.3 | 80.3 | 82.6 | 83.9 | 84.8 | 85.2 | 86.2 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 1000 | 38.4 | 80.9 | 83.5 | 85.3 | 86.3 | 86.8 | 87.8 | 88.1 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 900 | 38.7 | 81.6 | 84.3 | 86.3 | 87.2 | 87.7 | 88.8 | 89.0 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 800 | 38.7 | 82.2 | 85.1 | 87.0 | 87.9 | 88.4 | 89.6 | 89.8 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 700 | 39.1 | 82.9 | 86.1 | 88.3 | 89.2 | 89.7 | 91.0 | 91.3 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 600 | 39.4 | 83.9 | 87.2 | 89.0 | 91.6 | 92.1 | 93.5 | 93.7 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 500 | 39.4 | 84.2 | 87.6 | 90.5 | 92.2 | 92.8 | 94.4 | 94.8 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 400 | 39.4 | 84.4 | 87.8 | 90.9 | 92.8 | 93.6 | 95.4 | 95.7 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 300 | 39.4 | 84.4 | 87.8 | 90.9 | 93.1 | 94.0 | 96.0 | 96.5 | 97.4 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 |
| ≥ 200 | 39.4 | 84.4 | 87.8 | 90.9 | 93.1 | 94.0 | 96.1 | 96.6 | 97.8 | 98.5 | 98.9 | 98.9 | 99.1 | 99.3 | 99.5 | 99.5 |
| ≥ 100 | 39.4 | 84.4 | 87.8 | 90.9 | 93.1 | 94.0 | 96.1 | 96.6 | 97.8 | 98.5 | 98.9 | 98.9 | 99.1 | 99.4 | 99.8 | 99.8 |
| ≥ 0 | 39.4 | 84.4 | 87.8 | 90.9 | 93.1 | 94.0 | 96.1 | 96.6 | 97.8 | 98.5 | 98.9 | 98.9 | 99.1 | 99.4 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.6 | 55.8 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 |
| ≥ 20000 | 40.5 | 63.8 | 64.1 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 18000 | 40.5 | 64.3 | 64.5 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 16000 | 40.9 | 64.3 | 64.5 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 14000 | 41.3 | 64.7 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 12000 | 42.9 | 66.3 | 66.5 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 10000 | 44.0 | 68.6 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.6 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 9000 | 44.1 | 68.7 | 69.5 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 8000 | 45.2 | 71.0 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 7000 | 45.5 | 71.5 | 72.3 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 6000 | 45.7 | 72.2 | 73.0 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 5000 | 46.1 | 73.3 | 74.1 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 4500 | 46.6 | 74.1 | 74.9 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 4000 | 47.4 | 75.7 | 76.5 | 77.0 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 3500 | 48.2 | 77.4 | 79.5 | 79.0 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3000 | 49.1 | 79.6 | 80.7 | 81.2 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 2500 | 49.1 | 80.9 | 82.2 | 82.6 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 50.1 | 84.2 | 85.8 | 86.3 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1800 | 50.4 | 84.5 | 86.3 | 86.8 | 87.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1500 | 51.4 | 86.2 | 88.3 | 88.8 | 89.1 | 89.2 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1200 | 51.9 | 87.6 | 89.8 | 90.3 | 90.7 | 90.8 | 90.9 | 91.0 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1000 | 52.1 | 88.5 | 90.8 | 91.4 | 91.8 | 92.0 | 92.1 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 900 | 52.5 | 89.4 | 91.6 | 92.2 | 92.7 | 92.8 | 92.9 | 93.0 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 800 | 52.5 | 90.1 | 92.4 | 93.0 | 93.5 | 93.7 | 93.9 | 94.0 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 700 | 53.1 | 90.9 | 93.3 | 94.0 | 94.4 | 94.7 | 94.8 | 94.9 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 53.2 | 91.4 | 94.0 | 94.8 | 95.5 | 95.7 | 96.1 | 96.2 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 53.2 | 91.4 | 94.1 | 94.9 | 95.7 | 96.3 | 96.7 | 96.8 | 97.0 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 400 | 53.2 | 91.4 | 94.1 | 94.9 | 96.3 | 97.3 | 97.8 | 98.1 | 98.3 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 53.2 | 91.5 | 94.2 | 95.0 | 96.7 | 97.6 | 98.1 | 98.5 | 98.9 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 53.2 | 91.5 | 94.2 | 95.0 | 96.7 | 97.6 | 98.1 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 53.2 | 91.5 | 94.2 | 95.0 | 96.7 | 97.6 | 98.1 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 53.2 | 91.5 | 94.2 | 95.0 | 96.7 | 97.6 | 98.1 | 98.6 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT PUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

1500-1700 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 20000 | 43. | 64.1 | 64.1 | 64.1 | 64.2 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 18000 | 43.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 16000 | 43.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 14000 | 44.8 | 66.0 | 66.0 | 66.0 | 66.1 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 12000 | 46.7 | 68.3 | 68.3 | 68.3 | 68.4 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 10000 | 48.6 | 71.6 | 71.9 | 72.0 | 72.1 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 9000 | 49.2 | 72.5 | 72.7 | 72.8 | 72.9 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 8000 | 51.4 | 75.5 | 75.8 | 75.9 | 76.0 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 7000 | 51.8 | 76.1 | 76.4 | 76.5 | 76.6 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 6000 | 52.2 | 77.1 | 77.4 | 77.5 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 5000 | 52.4 | 78.6 | 79.1 | 79.2 | 79.3 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 4500 | 53.3 | 80.1 | 80.6 | 80.7 | 81.9 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 4000 | 54.1 | 81.9 | 82.4 | 82.5 | 82.6 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 3500 | 54.7 | 83.0 | 83.7 | 83.9 | 84.0 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3000 | 55.0 | 84.0 | 84.9 | 85.1 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2500 | 55.3 | 85.2 | 86.1 | 86.3 | 86.5 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2000 | 55.9 | 86.9 | 87.9 | 88.3 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1800 | 55.9 | 87.1 | 88.9 | 88.9 | 89.2 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1500 | 56.1 | 88.2 | 89.9 | 90.1 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1200 | 56.4 | 90.0 | 91.4 | 91.8 | 92.3 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1000 | 56.6 | 91.3 | 92.9 | 93.4 | 93.9 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 900 | 56.6 | 91.6 | 93.3 | 94.0 | 94.6 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 800 | 56.6 | 91.7 | 93.4 | 94.1 | 94.7 | 95.0 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 700 | 56.7 | 92.1 | 93.9 | 94.7 | 95.5 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 600 | 56.9 | 92.3 | 94.2 | 95.3 | 96.3 | 96.7 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 57.0 | 92.6 | 94.6 | 95.9 | 97.0 | 97.6 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 57.0 | 92.6 | 94.6 | 95.9 | 97.0 | 97.8 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 300 | 57.0 | 92.6 | 94.6 | 96.1 | 97.5 | 98.2 | 98.8 | 98.8 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 57.0 | 92.6 | 94.6 | 96.1 | 97.5 | 98.2 | 98.8 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 57.0 | 92.6 | 94.6 | 96.1 | 97.5 | 98.2 | 98.8 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 57.0 | 92.6 | 94.6 | 96.1 | 97.5 | 98.2 | 98.8 | 98.9 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13852 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

1800-2000C (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 47.3 | 60.4 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 20000 | 49.5 | 64.3 | 64.8 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 18000 | 49.5 | 64.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 16000 | 49.5 | 64.4 | 64.9 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 14000 | 49.9 | 64.9 | 65.4 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 12000 | 50.9 | 66.5 | 67.0 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 10000 | 54.3 | 71.0 | 71.5 | 71.6 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 9000 | 54.4 | 71.2 | 71.6 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 8000 | 56.5 | 74.2 | 74.8 | 74.9 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 7000 | 57.6 | 75.7 | 76.2 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 57.9 | 76.5 | 77.1 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 58.6 | 78.1 | 78.7 | 78.8 | 79.1 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 4500 | 59.2 | 79.2 | 79.8 | 79.9 | 80.1 | 80.1 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 4000 | 59.5 | 80.1 | 80.9 | 81.0 | 81.2 | 81.2 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3500 | 60.2 | 81.4 | 82.2 | 82.3 | 82.5 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 3000 | 60.2 | 82.0 | 82.9 | 83.0 | 83.2 | 83.2 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2500 | 60.4 | 83.7 | 84.9 | 84.8 | 85.3 | 85.3 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 2000 | 60.5 | 85.8 | 87.1 | 87.4 | 88.1 | 88.1 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 1800 | 60.6 | 86.6 | 88.3 | 88.5 | 89.2 | 89.2 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1500 | 61.1 | 88.4 | 90.4 | 90.8 | 91.5 | 91.5 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1200 | 61.5 | 89.4 | 91.4 | 91.7 | 92.6 | 92.6 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1000 | 61.7 | 89.7 | 91.7 | 92.1 | 93.1 | 93.3 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 900 | 61.9 | 90.2 | 92.6 | 92.9 | 94.1 | 94.2 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 800 | 61.9 | 90.2 | 92.6 | 93.0 | 94.2 | 94.4 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 61.9 | 90.4 | 92.8 | 93.3 | 94.6 | 94.8 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 61.9 | 90.8 | 93.1 | 94.1 | 95.4 | 95.6 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 500 | 61.9 | 91.3 | 94.2 | 94.7 | 96.0 | 96.5 | 97.3 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 62.1 | 91.6 | 94.7 | 95.2 | 96.5 | 96.9 | 97.8 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 62.1 | 91.6 | 94.9 | 95.4 | 96.8 | 97.3 | 98.1 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 62.1 | 91.6 | 94.9 | 95.4 | 96.8 | 97.3 | 98.1 | 98.7 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 |
| ≥ 100 | 62.1 | 91.6 | 94.9 | 95.4 | 96.8 | 97.3 | 98.1 | 98.7 | 98.9 | 99.1 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 62.1 | 91.6 | 94.9 | 95.4 | 96.8 | 97.3 | 98.1 | 98.7 | 98.9 | 99.1 | 99.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 48.1 | 60.6 | 61.2 | 61.9 | 61.9 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.5 |
| ≥ 20000 | 49.5 | 62.9 | 63.6 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.9 |
| ≥ 18000 | 49.5 | 62.9 | 63.6 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.7 | 64.9 |
| ≥ 16000 | 49.6 | 63.0 | 63.7 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 65.0 |
| ≥ 14000 | 49.9 | 63.5 | 64.2 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.5 |
| ≥ 12000 | 50.6 | 64.5 | 65.2 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.5 |
| ≥ 10000 | 53.4 | 68.2 | 68.9 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.2 |
| ≥ 9000 | 53.5 | 68.4 | 69.1 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.4 |
| ≥ 8000 | 55.1 | 70.8 | 71.5 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.8 |
| ≥ 7000 | 56.3 | 72.3 | 73.0 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.3 |
| ≥ 6000 | 57.0 | 73.0 | 73.8 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 75.1 |
| ≥ 5000 | 57.7 | 74.5 | 75.4 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.7 |
| ≥ 4500 | 57.8 | 74.9 | 75.9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.3 |
| ≥ 4000 | 58.3 | 76.1 | 77.3 | 78.1 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.5 | 78.7 |
| ≥ 3500 | 58.7 | 76.7 | 78.0 | 78.8 | 78.8 | 78.8 | 78.8 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.2 | 79.4 |
| ≥ 3000 | 58.7 | 77.4 | 78.7 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.3 |
| ≥ 2500 | 58.9 | 78.8 | 80.1 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.7 |
| ≥ 2000 | 59.8 | 80.5 | 81.9 | 82.7 | 83.0 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.8 |
| ≥ 1800 | 60.4 | 81.3 | 82.7 | 83.6 | 83.9 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.8 |
| ≥ 1500 | 61.0 | 82.7 | 84.3 | 85.1 | 85.6 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.5 |
| ≥ 1200 | 61.7 | 84.8 | 86.4 | 87.4 | 87.8 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.7 | 88.9 |
| ≥ 1000 | 61.9 | 85.5 | 87.2 | 88.2 | 88.7 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.7 |
| ≥ 900 | 62.1 | 86.3 | 88.1 | 89.1 | 89.6 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.8 |
| ≥ 800 | 62.1 | 86.5 | 88.4 | 89.6 | 90.2 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.3 | 91.3 | 91.4 | 91.6 |
| ≥ 700 | 62.3 | 87.0 | 88.9 | 90.1 | 90.7 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 92.0 | 92.2 |
| ≥ 600 | 62.4 | 87.8 | 89.8 | 91.3 | 91.8 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.4 |
| ≥ 500 | 62.4 | 88.3 | 90.3 | 92.1 | 92.8 | 93.5 | 93.6 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.4 |
| ≥ 400 | 62.6 | 89.1 | 91.6 | 93.6 | 94.3 | 95.4 | 95.6 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.7 | 96.9 |
| ≥ 300 | 62.6 | 89.4 | 91.8 | 94.3 | 95.0 | 96.1 | 96.5 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 98.1 |
| ≥ 200 | 62.6 | 89.4 | 92.0 | 94.4 | 95.2 | 96.2 | 96.7 | 97.6 | 97.8 | 98.1 | 98.3 | 98.5 | 98.8 | 98.8 | 98.9 | 99.2 |
| ≥ 100 | 62.6 | 89.4 | 92.0 | 94.4 | 95.2 | 96.3 | 96.8 | 97.9 | 98.0 | 98.3 | 98.6 | 98.7 | 99.2 | 99.3 | 99.6 | 99.9 |
| ≥ 0 | 62.6 | 89.4 | 92.1 | 94.4 | 95.2 | 96.3 | 96.8 | 97.9 | 98.0 | 98.3 | 98.6 | 98.7 | 99.2 | 99.3 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

ALL HOURS (LST)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.0 | 54.5 | 55.3 | 55.8 | 56.0 | 56.1 | 56.2 | 56.3 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.8 |
| ≥ 20000 | 40.3 | 58.9 | 59.8 | 60.3 | 60.6 | 60.7 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.4 |
| ≥ 18000 | 40.4 | 59.0 | 59.9 | 60.5 | 60.7 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.5 |
| ≥ 16000 | 40.4 | 59.1 | 59.9 | 60.5 | 60.7 | 60.8 | 60.9 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.5 |
| ≥ 14000 | 40.7 | 59.5 | 60.4 | 60.9 | 61.2 | 61.3 | 61.4 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 62.0 |
| ≥ 12000 | 41.9 | 61.0 | 61.9 | 62.5 | 62.7 | 62.8 | 62.9 | 63.0 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.5 |
| ≥ 10000 | 44.0 | 64.3 | 65.4 | 66.0 | 66.2 | 66.3 | 66.4 | 66.5 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 67.1 |
| ≥ 9000 | 44.1 | 64.6 | 65.7 | 66.3 | 66.5 | 66.6 | 66.7 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.4 |
| ≥ 8000 | 45.6 | 67.3 | 68.4 | 69.0 | 69.3 | 69.4 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 70.2 |
| ≥ 7000 | 46.2 | 68.2 | 69.4 | 70.0 | 70.3 | 70.4 | 70.5 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 71.2 |
| ≥ 6000 | 46.8 | 69.3 | 70.5 | 71.1 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.3 |
| ≥ 5000 | 47.5 | 70.7 | 72.0 | 72.7 | 73.0 | 73.1 | 73.3 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 74.0 |
| ≥ 4500 | 48.0 | 71.6 | 73.0 | 73.6 | 74.0 | 74.1 | 74.3 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 75.0 |
| ≥ 4000 | 49.4 | 72.8 | 74.3 | 75.0 | 75.4 | 75.5 | 75.7 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.4 |
| ≥ 3500 | 48.9 | 73.8 | 75.5 | 76.2 | 76.6 | 76.7 | 76.9 | 77.0 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.6 |
| ≥ 3000 | 49.1 | 74.6 | 76.5 | 77.2 | 77.6 | 77.8 | 78.0 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.7 |
| ≥ 2500 | 49.6 | 76.2 | 77.9 | 78.7 | 79.2 | 79.4 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.4 |
| ≥ 2000 | 50.4 | 78.1 | 80.1 | 81.0 | 81.7 | 81.9 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 83.0 |
| ≥ 1800 | 50.6 | 78.8 | 80.9 | 81.8 | 82.5 | 82.7 | 83.0 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.8 |
| ≥ 1500 | 51.0 | 80.1 | 82.4 | 83.3 | 84.1 | 84.4 | 84.7 | 84.9 | 85.0 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.6 |
| ≥ 1200 | 51.5 | 81.5 | 83.8 | 84.8 | 85.7 | 86.0 | 86.3 | 86.5 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.3 |
| ≥ 1000 | 51.7 | 82.2 | 84.7 | 85.8 | 86.8 | 87.1 | 87.5 | 87.7 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.5 |
| ≥ 900 | 52.0 | 82.9 | 85.6 | 86.7 | 87.7 | 88.0 | 88.4 | 88.6 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 89.5 |
| ≥ 800 | 52.2 | 83.4 | 86.1 | 87.3 | 88.3 | 88.7 | 89.1 | 89.3 | 89.5 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 90.0 | 90.3 |
| ≥ 700 | 52.3 | 84.0 | 86.8 | 88.1 | 89.3 | 89.7 | 90.1 | 90.3 | 90.5 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.3 |
| ≥ 600 | 52.6 | 84.7 | 87.6 | 89.1 | 90.4 | 90.8 | 91.3 | 91.5 | 91.7 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.2 | 92.5 |
| ≥ 500 | 52.7 | 85.2 | 88.3 | 90.0 | 91.4 | 92.0 | 92.6 | 92.9 | 93.2 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.7 | 94.0 |
| ≥ 400 | 52.8 | 85.7 | 88.8 | 90.7 | 92.2 | 93.1 | 93.7 | 94.3 | 94.6 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.2 | 95.5 |
| ≥ 300 | 52.9 | 85.8 | 89.1 | 91.0 | 92.8 | 93.6 | 94.4 | 95.1 | 95.6 | 96.0 | 96.3 | 96.3 | 96.4 | 96.5 | 96.5 | 96.9 |
| ≥ 200 | 52.9 | 85.8 | 89.1 | 91.0 | 92.9 | 93.8 | 94.7 | 95.6 | 96.2 | 96.8 | 97.2 | 97.4 | 97.6 | 97.7 | 97.9 | 98.3 |
| ≥ 100 | 52.8 | 85.8 | 89.1 | 91.0 | 92.9 | 93.8 | 94.8 | 95.7 | 96.4 | 97.0 | 97.5 | 97.7 | 98.1 | 98.3 | 98.8 | 99.5 |
| ≥ 0 | 52.9 | 85.8 | 89.1 | 91.0 | 92.9 | 93.8 | 94.8 | 95.7 | 96.4 | 97.0 | 97.5 | 97.7 | 98.1 | 98.4 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 6768

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.0 | 52.0 | 52.6 | 52.8 | 53.0 | 53.0 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.7 | 53.9 | 54.0 |
| ≥ 20000 | 38.8 | 54.9 | 55.7 | 56.0 | 56.2 | 56.2 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 57.1 | 57.2 |
| ≥ 18000 | 39.1 | 55.3 | 56.0 | 56.3 | 56.6 | 56.6 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.4 | 57.5 |
| ≥ 16000 | 39.1 | 55.3 | 56.1 | 56.3 | 56.6 | 56.6 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.4 | 57.5 |
| ≥ 14000 | 39.4 | 55.5 | 56.2 | 56.6 | 56.8 | 56.8 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.6 | 57.7 |
| ≥ 12000 | 39.4 | 55.7 | 56.5 | 56.8 | 57.0 | 57.0 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 | 57.6 | 57.8 | 58.0 |
| ≥ 10000 | 39.6 | 56.3 | 57.1 | 57.5 | 57.7 | 57.7 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.6 | 58.7 |
| ≥ 9000 | 39.6 | 56.3 | 57.2 | 57.6 | 57.8 | 57.8 | 58.2 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.7 | 58.8 |
| ≥ 8000 | 40.5 | 58.2 | 59.0 | 59.5 | 59.7 | 59.7 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.5 | 60.6 |
| ≥ 7000 | 40.9 | 58.5 | 59.4 | 59.8 | 60.1 | 60.1 | 60.4 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.8 | 61.0 | 61.1 |
| ≥ 6000 | 42.2 | 60.6 | 61.5 | 61.9 | 62.4 | 62.4 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.2 | 63.3 |
| ≥ 5000 | 43.0 | 62.0 | 62.9 | 63.3 | 63.8 | 63.8 | 64.1 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.6 | 64.7 |
| ≥ 4500 | 43.4 | 63.2 | 64.1 | 64.5 | 64.9 | 64.9 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.6 | 65.8 | 65.9 |
| ≥ 4000 | 43.7 | 64.1 | 64.9 | 65.4 | 65.8 | 65.8 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 | 66.7 | 66.8 |
| ≥ 3500 | 44.4 | 65.4 | 66.2 | 66.8 | 67.2 | 67.2 | 67.5 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 68.1 | 68.2 |
| ≥ 3000 | 44.6 | 65.9 | 66.9 | 67.6 | 68.2 | 68.2 | 68.5 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 69.0 | 69.1 |
| ≥ 2500 | 45.3 | 66.8 | 67.7 | 68.5 | 69.0 | 69.0 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 70.0 | 70.1 |
| ≥ 2000 | 46.2 | 68.9 | 70.0 | 70.9 | 71.5 | 71.5 | 71.9 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 | 72.7 | 72.8 |
| ≥ 1800 | 46.9 | 69.9 | 71.1 | 71.9 | 72.6 | 72.6 | 73.0 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.8 | 73.9 |
| ≥ 1500 | 47.3 | 71.2 | 72.5 | 73.5 | 74.3 | 74.3 | 74.8 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.4 | 75.5 | 75.7 | 75.8 |
| ≥ 1200 | 48.9 | 73.4 | 74.8 | 76.0 | 76.9 | 76.9 | 77.4 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.1 | 78.2 | 78.4 | 78.5 |
| ≥ 1000 | 49.1 | 74.5 | 75.9 | 77.1 | 78.1 | 78.2 | 78.7 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.4 | 79.5 | 79.7 | 79.8 |
| ≥ 900 | 49.8 | 76.2 | 77.7 | 78.9 | 79.9 | 80.0 | 80.5 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.4 | 81.6 | 81.7 |
| ≥ 800 | 50.3 | 77.0 | 78.5 | 80.0 | 81.0 | 81.2 | 81.9 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.7 | 82.9 | 83.1 | 83.2 |
| ≥ 700 | 50.3 | 78.2 | 79.7 | 81.2 | 82.2 | 82.4 | 83.1 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 84.1 | 84.3 | 84.4 |
| ≥ 600 | 50.8 | 79.7 | 81.6 | 83.1 | 84.1 | 84.4 | 85.3 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.1 | 86.3 | 86.6 | 86.7 |
| ≥ 500 | 51.1 | 80.6 | 83.2 | 84.9 | 86.0 | 86.6 | 87.4 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.6 | 88.8 | 89.0 | 89.1 |
| ≥ 400 | 51.1 | 82.6 | 85.6 | 87.6 | 89.1 | 89.7 | 90.5 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.7 | 91.9 | 92.2 | 92.3 |
| ≥ 300 | 51.1 | 82.6 | 86.0 | 88.1 | 90.0 | 90.6 | 91.6 | 92.5 | 92.5 | 92.8 | 93.0 | 93.1 | 93.8 | 94.0 | 94.2 | 94.3 |
| ≥ 200 | 51.1 | 82.6 | 86.1 | 88.4 | 90.5 | 91.3 | 92.4 | 93.5 | 93.9 | 94.6 | 95.7 | 95.9 | 96.7 | 97.1 | 97.4 | 97.5 |
| ≥ 100 | 51.1 | 82.6 | 86.1 | 88.4 | 90.5 | 91.3 | 92.4 | 93.5 | 94.0 | 94.7 | 95.9 | 96.1 | 97.0 | 97.8 | 98.8 | 99.8 |
| ≥ 0 | 51.1 | 82.6 | 86.1 | 88.4 | 90.5 | 91.3 | 92.4 | 93.5 | 94.0 | 94.7 | 95.9 | 96.1 | 97.1 | 98.0 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 33.1 | 46.7 | 47.4 | 48.1 | 48.7 | 48.9 | 49.0 | 49.1 | 49.1 | 49.4 | 49.5 | 49.5 | 49.9 | 50.0 | 50.1 | 51.0 |
| ≥ 20000 | 34.4 | 49.2 | 50.0 | 50.6 | 51.3 | 51.5 | 51.6 | 51.7 | 51.7 | 51.9 | 52.0 | 52.0 | 52.5 | 52.6 | 52.7 | 53.5 |
| ≥ 18000 | 34.7 | 49.6 | 50.3 | 51.0 | 51.6 | 51.8 | 51.9 | 52.0 | 52.0 | 52.3 | 52.4 | 52.4 | 52.8 | 52.9 | 53.0 | 53.9 |
| ≥ 16000 | 34.7 | 49.6 | 50.3 | 51.0 | 51.6 | 51.8 | 51.9 | 52.0 | 52.0 | 52.3 | 52.4 | 52.4 | 52.8 | 52.9 | 53.0 | 53.9 |
| ≥ 14000 | 34.7 | 49.6 | 50.3 | 51.0 | 51.6 | 51.8 | 52.0 | 52.2 | 52.2 | 52.4 | 52.5 | 52.5 | 52.9 | 53.0 | 53.1 | 54.0 |
| ≥ 12000 | 34.3 | 49.8 | 50.5 | 51.2 | 51.8 | 52.0 | 52.3 | 52.4 | 52.4 | 52.6 | 52.7 | 52.7 | 53.1 | 53.2 | 53.3 | 54.2 |
| ≥ 10000 | 35.4 | 51.1 | 51.8 | 52.5 | 53.1 | 53.3 | 53.5 | 53.7 | 53.7 | 53.9 | 54.0 | 54.0 | 54.4 | 54.5 | 54.6 | 55.5 |
| ≥ 9000 | 35.6 | 51.3 | 52.0 | 52.7 | 53.3 | 53.5 | 53.8 | 53.9 | 53.9 | 54.1 | 54.2 | 54.2 | 54.6 | 54.7 | 54.8 | 55.7 |
| ≥ 8000 | 36.3 | 52.9 | 53.8 | 54.4 | 55.1 | 55.3 | 55.5 | 55.6 | 55.6 | 55.8 | 55.9 | 55.9 | 56.3 | 56.5 | 56.6 | 57.4 |
| ≥ 7000 | 36.7 | 53.4 | 54.3 | 54.9 | 55.6 | 55.8 | 56.0 | 56.1 | 56.1 | 56.3 | 56.5 | 56.5 | 56.9 | 57.0 | 57.1 | 58.0 |
| ≥ 6000 | 37.2 | 54.5 | 55.4 | 56.1 | 56.8 | 57.0 | 57.2 | 57.3 | 57.3 | 57.5 | 57.6 | 57.6 | 58.1 | 58.2 | 58.3 | 59.1 |
| ≥ 5000 | 38.1 | 55.9 | 57.1 | 57.7 | 58.4 | 58.6 | 58.8 | 59.1 | 59.1 | 59.4 | 59.6 | 59.6 | 60.1 | 60.2 | 60.3 | 61.2 |
| ≥ 4500 | 38.3 | 56.8 | 58.0 | 58.7 | 59.4 | 59.6 | 59.8 | 60.1 | 60.1 | 60.3 | 60.5 | 60.5 | 61.1 | 61.2 | 61.3 | 62.2 |
| ≥ 4000 | 38.4 | 57.2 | 58.4 | 59.1 | 59.8 | 60.0 | 60.2 | 60.5 | 60.5 | 60.8 | 61.0 | 61.0 | 61.5 | 61.6 | 61.7 | 62.6 |
| ≥ 3500 | 38.7 | 57.7 | 58.9 | 59.7 | 60.3 | 60.5 | 60.8 | 61.1 | 61.1 | 61.3 | 61.5 | 61.5 | 62.0 | 62.2 | 62.3 | 63.1 |
| ≥ 3000 | 39.2 | 58.6 | 59.8 | 60.6 | 61.3 | 61.5 | 61.8 | 62.2 | 62.2 | 62.4 | 62.6 | 62.6 | 63.1 | 63.2 | 63.3 | 64.2 |
| ≥ 2500 | 39.7 | 59.7 | 60.9 | 61.9 | 62.7 | 62.9 | 63.2 | 63.5 | 63.5 | 63.8 | 64.0 | 64.0 | 64.5 | 64.6 | 64.7 | 65.6 |
| ≥ 2000 | 40.3 | 61.8 | 63.0 | 64.2 | 64.9 | 65.2 | 65.5 | 65.9 | 65.9 | 66.1 | 66.3 | 66.3 | 66.9 | 67.1 | 67.1 | 68.0 |
| ≥ 1800 | 40.5 | 62.5 | 63.7 | 64.8 | 65.6 | 65.8 | 66.1 | 66.6 | 66.6 | 66.8 | 67.1 | 67.0 | 67.5 | 67.6 | 67.7 | 68.6 |
| ≥ 1500 | 42.2 | 64.9 | 66.1 | 67.3 | 68.1 | 68.4 | 69.0 | 69.5 | 69.5 | 69.7 | 69.9 | 69.9 | 70.4 | 70.5 | 70.8 | 71.6 |
| ≥ 1200 | 42.8 | 67.0 | 68.4 | 69.8 | 70.5 | 70.9 | 71.5 | 71.9 | 71.9 | 72.3 | 72.5 | 72.5 | 73.0 | 73.1 | 73.3 | 74.2 |
| ≥ 1000 | 43.4 | 68.7 | 70.2 | 71.6 | 72.6 | 72.9 | 73.8 | 74.2 | 74.2 | 74.6 | 74.8 | 74.8 | 75.4 | 75.5 | 75.7 | 76.6 |
| ≥ 900 | 44.1 | 70.6 | 72.2 | 73.5 | 74.6 | 75.1 | 75.9 | 76.3 | 76.3 | 76.8 | 77.0 | 77.0 | 77.6 | 77.7 | 78.0 | 78.8 |
| ≥ 800 | 44.4 | 71.3 | 72.9 | 74.3 | 75.4 | 76.0 | 76.9 | 77.3 | 77.3 | 77.7 | 78.0 | 78.0 | 78.6 | 78.7 | 78.9 | 79.9 |
| ≥ 700 | 44.8 | 72.9 | 74.7 | 76.1 | 77.3 | 78.0 | 78.8 | 79.2 | 79.2 | 79.7 | 79.9 | 79.9 | 80.5 | 80.6 | 80.9 | 81.8 |
| ≥ 600 | 45.2 | 73.9 | 76.1 | 77.5 | 78.8 | 79.5 | 80.4 | 80.9 | 80.9 | 81.3 | 81.5 | 81.5 | 82.2 | 82.3 | 82.5 | 83.4 |
| ≥ 500 | 45.4 | 75.3 | 77.7 | 79.8 | 81.3 | 82.2 | 83.1 | 83.7 | 83.7 | 84.1 | 84.3 | 84.3 | 84.9 | 85.1 | 85.3 | 86.2 |
| ≥ 400 | 45.6 | 76.3 | 78.9 | 81.2 | 82.8 | 83.7 | 84.7 | 85.3 | 85.3 | 85.8 | 86.0 | 86.0 | 86.7 | 86.8 | 87.0 | 88.0 |
| ≥ 300 | 45.6 | 76.8 | 79.6 | 81.8 | 83.8 | 84.8 | 86.5 | 87.3 | 87.5 | 88.2 | 88.4 | 88.4 | 89.5 | 89.6 | 89.9 | 90.9 |
| ≥ 200 | 45.6 | 76.9 | 79.9 | 82.5 | 84.6 | 85.8 | 87.8 | 88.9 | 89.5 | 90.4 | 91.1 | 91.1 | 92.8 | 93.3 | 93.7 | 94.9 |
| ≥ 100 | 45.6 | 76.9 | 79.8 | 82.5 | 84.6 | 85.8 | 88.0 | 89.1 | 89.8 | 90.8 | 91.9 | 92.0 | 94.1 | 95.4 | 96.8 | 99.0 |
| ≥ 0 | 45.6 | 76.9 | 79.8 | 82.5 | 84.6 | 85.8 | 88.0 | 89.1 | 89.8 | 91.8 | 91.9 | 92.1 | 94.1 | 95.4 | 96.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.0 | 35.6 | 37.2 | 38.5 | 38.9 | 39.5 | 39.7 | 39.9 | 40.1 | 40.2 | 40.4 | 40.4 | 41.3 | 41.4 | 41.8 | 42.7 |
| ≥ 20000 | 20.0 | 39.5 | 41.6 | 43.1 | 43.8 | 44.3 | 44.6 | 44.8 | 45.1 | 45.2 | 45.4 | 45.4 | 46.3 | 46.5 | 47.0 | 48.0 |
| ≥ 18000 | 20.0 | 39.7 | 41.8 | 43.3 | 44.0 | 44.5 | 44.8 | 45.1 | 45.3 | 45.4 | 45.6 | 45.6 | 46.6 | 46.7 | 47.2 | 48.2 |
| ≥ 16000 | 20.0 | 39.7 | 41.8 | 43.3 | 44.0 | 44.5 | 44.8 | 45.1 | 45.3 | 45.4 | 45.6 | 45.6 | 46.6 | 46.7 | 47.2 | 48.2 |
| ≥ 14000 | 20.1 | 40.1 | 42.3 | 43.8 | 44.4 | 44.9 | 45.3 | 45.5 | 45.7 | 45.8 | 46.0 | 46.0 | 47.0 | 47.1 | 47.6 | 48.6 |
| ≥ 12000 | 20.8 | 41.4 | 43.7 | 45.2 | 45.8 | 46.3 | 46.7 | 46.9 | 47.1 | 47.2 | 47.4 | 47.4 | 48.4 | 48.5 | 49.0 | 50.0 |
| ≥ 10000 | 21.9 | 43.9 | 46.2 | 47.7 | 48.4 | 48.9 | 49.2 | 49.5 | 49.7 | 49.8 | 50.0 | 50.0 | 51.0 | 51.1 | 51.6 | 52.6 |
| ≥ 9000 | 21.9 | 44.2 | 46.8 | 48.3 | 48.9 | 49.5 | 49.8 | 50.0 | 50.2 | 50.3 | 50.5 | 50.5 | 51.5 | 51.6 | 52.2 | 53.1 |
| ≥ 8000 | 23.5 | 47.4 | 50.1 | 51.7 | 52.6 | 53.1 | 53.5 | 53.8 | 54.0 | 54.2 | 54.4 | 54.4 | 55.4 | 55.5 | 56.0 | 57.0 |
| ≥ 7000 | 24.0 | 48.6 | 51.3 | 53.0 | 53.9 | 54.4 | 54.8 | 55.1 | 55.3 | 55.5 | 55.7 | 55.7 | 56.7 | 56.8 | 57.3 | 58.3 |
| ≥ 6000 | 24.3 | 49.6 | 52.3 | 54.1 | 54.9 | 55.5 | 55.9 | 56.1 | 56.3 | 56.6 | 56.8 | 56.8 | 57.7 | 57.8 | 58.4 | 59.4 |
| ≥ 5000 | 24.9 | 50.9 | 53.8 | 55.6 | 56.5 | 57.0 | 57.4 | 57.6 | 57.8 | 58.1 | 58.3 | 58.3 | 59.2 | 59.4 | 59.9 | 60.9 |
| ≥ 4500 | 25.3 | 52.0 | 54.9 | 56.8 | 57.6 | 58.2 | 58.6 | 58.8 | 59.0 | 59.2 | 59.5 | 59.5 | 60.4 | 60.5 | 61.1 | 62.0 |
| ≥ 4000 | 25.5 | 53.0 | 55.9 | 57.8 | 58.8 | 59.4 | 59.8 | 60.0 | 60.2 | 60.4 | 60.6 | 60.6 | 61.6 | 61.7 | 62.3 | 63.2 |
| ≥ 3500 | 25.8 | 53.7 | 56.6 | 58.5 | 59.6 | 60.1 | 60.5 | 61.0 | 61.2 | 61.4 | 61.6 | 61.6 | 62.6 | 62.7 | 63.2 | 64.2 |
| ≥ 3000 | 25.8 | 54.4 | 57.4 | 59.4 | 60.4 | 61.0 | 61.4 | 61.8 | 62.0 | 62.3 | 62.5 | 62.5 | 63.5 | 63.7 | 64.2 | 65.2 |
| ≥ 2500 | 26.1 | 56.1 | 59.1 | 61.1 | 62.2 | 62.7 | 63.1 | 63.7 | 63.9 | 64.1 | 64.3 | 64.3 | 65.4 | 65.5 | 66.0 | 67.0 |
| ≥ 2000 | 26.6 | 58.3 | 61.5 | 63.4 | 64.5 | 65.1 | 65.5 | 66.1 | 66.3 | 66.6 | 66.8 | 66.8 | 67.8 | 68.0 | 68.5 | 69.5 |
| ≥ 1800 | 27.0 | 59.1 | 62.3 | 64.4 | 65.5 | 66.0 | 66.6 | 67.2 | 67.4 | 67.6 | 67.8 | 67.8 | 68.9 | 69.1 | 69.6 | 70.5 |
| ≥ 1500 | 27.5 | 60.4 | 64.2 | 66.1 | 67.2 | 67.7 | 68.4 | 69.0 | 69.2 | 69.5 | 69.7 | 69.7 | 70.8 | 70.9 | 71.4 | 72.4 |
| ≥ 1200 | 28.0 | 62.0 | 66.2 | 68.2 | 69.5 | 70.1 | 70.9 | 71.6 | 71.9 | 72.3 | 72.5 | 72.5 | 73.7 | 73.8 | 74.3 | 75.3 |
| ≥ 1000 | 28.5 | 64.2 | 68.6 | 70.6 | 72.3 | 72.9 | 73.8 | 74.5 | 74.9 | 75.4 | 75.6 | 75.6 | 76.8 | 76.9 | 77.4 | 78.4 |
| ≥ 900 | 28.6 | 65.5 | 70.0 | 72.0 | 73.7 | 74.3 | 75.4 | 76.1 | 76.6 | 77.0 | 77.2 | 77.2 | 78.4 | 78.5 | 79.0 | 80.0 |
| ≥ 800 | 28.6 | 65.8 | 70.4 | 72.7 | 74.8 | 75.7 | 76.9 | 77.7 | 78.2 | 78.6 | 78.8 | 78.8 | 80.1 | 80.2 | 80.8 | 81.7 |
| ≥ 700 | 28.7 | 66.8 | 71.6 | 74.2 | 76.8 | 77.6 | 78.9 | 79.8 | 80.2 | 80.6 | 81.0 | 81.0 | 82.3 | 82.4 | 82.9 | 83.9 |
| ≥ 600 | 28.8 | 67.5 | 72.6 | 75.2 | 78.1 | 78.9 | 80.3 | 81.3 | 81.7 | 82.2 | 82.5 | 82.5 | 83.8 | 83.9 | 84.4 | 85.4 |
| ≥ 500 | 29.4 | 68.8 | 74.1 | 77.2 | 80.2 | 81.1 | 82.6 | 84.1 | 84.5 | 84.9 | 85.4 | 85.4 | 86.7 | 86.8 | 87.3 | 88.3 |
| ≥ 400 | 29.5 | 69.6 | 74.9 | 78.2 | 81.6 | 82.6 | 84.3 | 85.8 | 86.3 | 86.8 | 87.4 | 87.4 | 88.8 | 88.9 | 89.5 | 90.4 |
| ≥ 300 | 29.5 | 70.0 | 75.5 | 79.0 | 82.8 | 84.1 | 85.9 | 87.7 | 88.5 | 89.2 | 90.2 | 90.2 | 91.6 | 91.7 | 92.3 | 93.4 |
| ≥ 200 | 29.5 | 70.0 | 75.6 | 79.1 | 83.0 | 84.3 | 86.3 | 88.4 | 89.1 | 90.2 | 91.4 | 91.6 | 94.0 | 94.3 | 95.1 | 96.5 |
| ≥ 100 | 29.5 | 70.0 | 75.6 | 79.1 | 83.0 | 84.3 | 86.3 | 88.4 | 89.1 | 90.3 | 91.5 | 91.8 | 94.4 | 95.2 | 97.0 | 99.4 |
| ≥ 0 | 29.5 | 70.0 | 75.6 | 79.1 | 83.0 | 84.3 | 86.3 | 88.4 | 89.1 | 90.3 | 91.5 | 91.8 | 94.5 | 95.3 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.3 | 45.4 | 45.8 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 45.9 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 20000 | 29.4 | 51.6 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 | 29.5 | 51.7 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 16000 | 29.5 | 51.7 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 14000 | 29.8 | 52.4 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 12000 | 30.1 | 52.8 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 10000 | 31.5 | 56.3 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 9000 | 32.2 | 57.0 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 8000 | 34.1 | 60.2 | 61.1 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 7000 | 34.9 | 61.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 6000 | 35.4 | 62.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 5000 | 35.3 | 63.8 | 64.8 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 4500 | 36.0 | 64.5 | 65.6 | 65.9 | 65.9 | 65.9 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 4000 | 36.1 | 65.9 | 67.1 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 69.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 3500 | 36.3 | 66.9 | 68.1 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 3000 | 36.3 | 68.5 | 69.7 | 70.2 | 70.2 | 70.2 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 2500 | 37.7 | 71.2 | 72.4 | 73.0 | 73.0 | 73.0 | 73.2 | 73.2 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 2000 | 39.5 | 75.5 | 76.7 | 77.4 | 77.4 | 77.6 | 77.8 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 1800 | 40.0 | 76.6 | 77.7 | 78.5 | 78.5 | 78.7 | 78.9 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 1500 | 40.5 | 78.8 | 80.1 | 80.9 | 81.0 | 81.2 | 81.4 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 1200 | 41.4 | 81.1 | 82.6 | 83.5 | 83.8 | 84.0 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1000 | 42.3 | 83.8 | 85.9 | 86.7 | 87.0 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 900 | 42.6 | 84.6 | 87.1 | 88.0 | 88.4 | 88.6 | 88.9 | 89.1 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 800 | 42.9 | 85.5 | 88.3 | 89.1 | 89.6 | 89.8 | 90.1 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 700 | 42.9 | 86.5 | 89.5 | 90.3 | 91.0 | 91.2 | 91.5 | 91.7 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 600 | 43.0 | 87.6 | 91.1 | 92.0 | 92.8 | 93.1 | 93.4 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 500 | 43.1 | 88.3 | 91.8 | 93.0 | 94.1 | 94.4 | 94.7 | 95.3 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 400 | 43.1 | 88.6 | 92.3 | 93.7 | 95.1 | 95.6 | 95.9 | 96.6 | 96.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 300 | 43.0 | 88.7 | 92.4 | 93.9 | 95.4 | 96.0 | 96.5 | 97.4 | 98.1 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 43.0 | 88.7 | 92.4 | 93.9 | 95.5 | 96.1 | 96.6 | 97.6 | 98.4 | 98.6 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 100 | 43.0 | 88.7 | 92.4 | 93.9 | 95.5 | 96.1 | 96.6 | 97.6 | 98.4 | 98.6 | 99. | 99.2 | 99.6 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 43.0 | 88.7 | 92.4 | 93.9 | 95.5 | 96.1 | 96.6 | 97.6 | 98.4 | 98.6 | 99. | 99.2 | 99.6 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.8 | 47.3 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 |
| ≥ 20000 | 39.[illegible] | 57.5 | 57.7 | 58.[illegible] | 58.[illegible] | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 18000 | 39.0 | 57.6 | 57.8 | 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 |
| ≥ 16000 | 39.[illegible] | 57.6 | 57.8 | 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 |
| ≥ 14000 | 39.4 | 58.[illegible] | 58.2 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 |
| ≥ 12000 | 39.9 | 58.9 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 10000 | 41.8 | 62.4 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 9000 | 42.2 | 63.3 | 63.5 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 8000 | 42.7 | 65.1 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 7000 | 43.1 | 65.8 | 66.0 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 6000 | 44.1 | 67.3 | 67.5 | 67.8 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 5000 | 44.9 | 69.5 | 69.7 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 4500 | 45.3 | 70.9 | 71.2 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 4000 | 45.5 | 73.2 | 73.5 | 74.0 | 74.2 | 74.2 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 3500 | 47.3 | 74.9 | 75.4 | 76.0 | 76.2 | 76.2 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 3000 | 48.0 | 77.0 | 77.4 | 78.1 | 78.3 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 2500 | 49.0 | 80.0 | 80.4 | 81.3 | 81.5 | 81.5 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 2000 | 51.3 | 84.4 | 85.1 | 85.9 | 86.1 | 86.2 | 86.6 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1800 | 51.7 | 85.4 | 86.0 | 86.9 | 87.1 | 87.2 | 87.6 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1500 | 52.2 | 87.1 | 87.7 | 88.6 | 88.8 | 88.9 | 89.4 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1200 | 53.1 | 89.7 | 90.4 | 91.3 | 91.5 | 91.7 | 92.2 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1000 | 53.7 | 91.9 | 92.7 | 92.9 | 93.1 | 93.3 | 93.8 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 900 | 53.8 | 91.5 | 92.8 | 93.7 | 94.0 | 94.3 | 94.7 | 94.8 | 94.9 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 800 | 53.8 | 92.4 | 93.7 | 94.6 | 94.9 | 95.3 | 95.7 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 700 | 53.8 | 92.6 | 94.[illegible] | 94.9 | 95.3 | 95.6 | 96.0 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | 53.8 | 92.6 | 94.1 | 95.1 | 95.4 | 95.9 | 96.6 | 96.7 | 96.8 | 97.[illegible] | 97.[illegible] | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 53.8 | 92.9 | 94.5 | 95.7 | 96.2 | 96.3 | 97.5 | 97.7 | 97.8 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 400 | 53.8 | 93.2 | 95.2 | 96.3 | 97.0 | 97.6 | 98.4 | 98.7 | 98.9 | 99.2 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 53.8 | 93.2 | 95.2 | 96.5 | 97.1 | 97.7 | 98.5 | 98.8 | 99.1 | 99.5 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 53.8 | 93.2 | 95.2 | 96.5 | 97.1 | 97.7 | 98.6 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 53.8 | 93.2 | 95.2 | 96.5 | 97.1 | 97.7 | 98.6 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 53.8 | 93.2 | 95.2 | 96.5 | 97.1 | 97.7 | 98.6 | 98.9 | 99.2 | 99.6 | 99.6 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 36.6 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 |
| ≥ 20000 | 41.7 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 18000 | 42.3 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 16000 | 42.3 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 14000 | 42.4 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 12000 | 42.5 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 10000 | 44.9 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 9000 | 45.3 | 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 | 66.0 |
| ≥ 8000 | 47.1 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 7000 | 48.0 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 6000 | 49.2 | 71.5 | 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 |
| ≥ 5000 | 50.4 | 73.2 | 73.8 | 74.0 | 74. | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 4500 | 51.1 | 74.6 | 75.2 | 75.4 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4000 | 52.4 | 77.2 | 77.7 | 78.1 | 78.2 | 78.2 | 78.4 | 78.5 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 3500 | 52.9 | 78.4 | 79. | 79.6 | 79.8 | 79.8 | 80.0 | 80.1 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 3000 | 54.3 | 80.4 | 81.2 | 81.9 | 82.3 | 82.3 | 82.5 | 82.6 | 82.6 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2500 | 54.6 | 82.0 | 83.1 | 84.1 | 84.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 2000 | 55.4 | 84.8 | 86.0 | 87.1 | 87.5 | 87.5 | 87.7 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1800 | 55.9 | 85.9 | 87.1 | 88.2 | 88.6 | 88.6 | 88.8 | 89.0 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1500 | 56.2 | 87.8 | 89.1 | 90.4 | 90.9 | 90.9 | 91.2 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1200 | 56.7 | 89.2 | 91.0 | 92.2 | 92.6 | 92.6 | 93.0 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 56.7 | 90.2 | 91.8 | 93.2 | 93.7 | 93.8 | 94.2 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 900 | 56.7 | 90.3 | 91.9 | 93.4 | 93.9 | 94.1 | 94.5 | 94.8 | 94.9 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 800 | 56.9 | 91.1 | 93. | 94.6 | 95.1 | 95.4 | 95.8 | 96.1 | 96.3 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 56.8 | 91.4 | 93.4 | 95.2 | 95.6 | 96.0 | 96.5 | 96.8 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 600 | 56.9 | 91.7 | 93.8 | 95.5 | 96.0 | 96.5 | 96.9 | 97.2 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 56.9 | 91.8 | 93.9 | 95.6 | 96.2 | 96.7 | 97.4 | 97.7 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 56.8 | 91.9 | 94.2 | 95.9 | 96.8 | 97.3 | 98.1 | 98.4 | 98.8 | 98.9 | 99.1 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 56.8 | 91.9 | 94.3 | 96.0 | 97.3 | 98.0 | 98.7 | 99.1 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 56.9 | 91.9 | 94.3 | 96.0 | 97.3 | 98.0 | 98.7 | 99.1 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 56.8 | 91.9 | 94.3 | 96.0 | 97.3 | 98.0 | 98.7 | 99.1 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 56.9 | 91.9 | 94.3 | 96. | 97.3 | 98.0 | 98.7 | 99.1 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

1385 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.3 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 20000 | 48.4 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 18000 | 48.7 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 16000 | 48.7 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 14000 | 48.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 12000 | 48.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 10000 | 48.9 | 69.0 | 69.1 | 69.0 | 69.0 | 69.1 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 9000 | 48.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 51.2 | 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 |
| ≥ 7000 | 51.5 | 72.0 | 72.1 | 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 |
| ≥ 6000 | 52.5 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 5000 | 52.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 4500 | 53.3 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 4000 | 53.3 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | 54.4 | 78.0 | 78.4 | 78.4 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 3000 | 55.5 | 81.0 | 81.5 | 81.6 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2500 | 55.7 | 81.6 | 81.9 | 82.0 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2000 | 56.5 | 83.9 | 84.9 | 85.1 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 1800 | 56.5 | 84.2 | 85.3 | 85.4 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 1500 | 56.8 | 85.7 | 86.9 | 87.4 | 88.0 | 88.1 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1200 | 57.2 | 87.6 | 89.1 | 89.7 | 90.3 | 90.4 | 90.6 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1000 | 57.6 | 88.5 | 90.1 | 90.8 | 91.5 | 91.7 | 92.0 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 900 | 57.8 | 89.2 | 91.2 | 91.8 | 92.6 | 92.9 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 800 | 58.0 | 89.6 | 91.8 | 92.5 | 93.2 | 93.5 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 700 | 58.0 | 90.2 | 92.3 | 92.9 | 93.9 | 94.2 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 600 | 58.1 | 90.6 | 93.0 | 93.8 | 94.7 | 95.1 | 95.5 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 500 | 58.3 | 91.0 | 93.5 | 94.5 | 95.6 | 95.9 | 96.5 | 96.7 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 58.3 | 91.3 | 93.9 | 94.8 | 96.0 | 96.3 | 97.0 | 97.2 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 58.0 | 91.3 | 94.1 | 95.4 | 96.8 | 97.1 | 97.7 | 98.0 | 98.3 | 98.6 | 98.9 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 58.0 | 91.3 | 94.1 | 95.4 | 96.8 | 97.1 | 97.8 | 98.2 | 98.5 | 99.1 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 58.0 | 91.3 | 94.1 | 95.4 | 96.8 | 97.1 | 97.8 | 98.2 | 98.5 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 58.0 | 91.3 | 94.1 | 95.4 | 96.8 | 97.1 | 97.8 | 98.2 | 98.5 | 99.1 | 99.5 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3851 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.7 | 58.6 | 58.9 | 59.0 | 59.2 | 59.2 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 |
| ≥ 20000 | 46.3 | 62.4 | 62.8 | 63.0 | 63.2 | 63.2 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 |
| ≥ 18000 | 46.7 | 62.7 | 63.1 | 63.3 | 63.5 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 |
| ≥ 16000 | 46.7 | 62.7 | 63.1 | 63.3 | 63.5 | 63.5 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 |
| ≥ 14000 | 46.8 | 62.8 | 63.2 | 63.4 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 12000 | 46.9 | 63.1 | 63.5 | 63.8 | 64.0 | 64.0 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 |
| ≥ 10000 | 47.7 | 65.2 | 65.6 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 |
| ≥ 9000 | 47.8 | 65.3 | 65.7 | 65.9 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.5 | 66.5 |
| ≥ 8000 | 49.4 | 67.6 | 68.2 | 68.4 | 68.6 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.9 | 68.9 |
| ≥ 7000 | 49.5 | 68.1 | 68.6 | 68.8 | 69.0 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.4 | 69.4 |
| ≥ 6000 | 50.4 | 69.9 | 70.5 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 |
| ≥ 5000 | 51.4 | 71.2 | 71.8 | 72.0 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 |
| ≥ 4500 | 51.8 | 72.0 | 72.7 | 72.9 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 |
| ≥ 4000 | 52.2 | 72.7 | 73.4 | 74.1 | 74.4 | 74.4 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 |
| ≥ 3500 | 52.6 | 73.3 | 74.1 | 74.7 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 |
| ≥ 3000 | 53.0 | 74.1 | 74.8 | 75.5 | 75.9 | 75.9 | 76. | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 | 76.2 |
| ≥ 2500 | 53.1 | 74.5 | 75.3 | 75.9 | 76.3 | 76.3 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 |
| ≥ 2000 | 53.8 | 76.9 | 77.6 | 78.6 | 79.1 | 79.1 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| ≥ 1800 | 53.9 | 77.2 | 78.0 | 78.9 | 79.5 | 79.5 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 |
| ≥ 1500 | 55.6 | 80.1 | 81.1 | 82.0 | 82.7 | 82.7 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 |
| ≥ 1200 | 56.1 | 82.5 | 83.5 | 84.5 | 85.3 | 85.3 | 85.6 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 1000 | 56.9 | 83.9 | 84.9 | 86.0 | 86.9 | 86.9 | 87.2 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 |
| ≥ 900 | 57.4 | 85.2 | 86.2 | 87.4 | 88.4 | 88.4 | 88.7 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 |
| ≥ 800 | 57.5 | 86.1 | 87.2 | 88.7 | 89.8 | 89.8 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 |
| ≥ 700 | 58.0 | 87.3 | 88.5 | 90.0 | 91.2 | 91.2 | 91.5 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 92.0 | 92.0 |
| ≥ 600 | 58.2 | 88.1 | 89.4 | 91.1 | 92.3 | 92.3 | 92.7 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 | 93.2 |
| ≥ 500 | 58.3 | 88.9 | 90.5 | 92.3 | 93.7 | 93.7 | 94.2 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 |
| ≥ 400 | 58.3 | 89.5 | 91.3 | 93.1 | 95.1 | 95.1 | 95.6 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.3 | 96.3 |
| ≥ 300 | 58.3 | 89.7 | 92.0 | 93.9 | 95.8 | 95.9 | 96.6 | 97.0 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 |
| ≥ 200 | 58.3 | 89.7 | 92.2 | 94.1 | 96.0 | 96.2 | 96.9 | 97.3 | 97.6 | 97.7 | 98.4 | 98.4 | 98.6 | 98.6 | 98.8 | 98.8 |
| ≥ 100 | 58.3 | 89.8 | 92.3 | 94.2 | 96.2 | 96.6 | 97.2 | 97.6 | 98.1 | 98.2 | 98.8 | 98.8 | 99.1 | 99.2 | 100.0 | 100.0 |
| 0 | 58.3 | 89.8 | 92.3 | 94.2 | 96.2 | 96.6 | 97.2 | 97.6 | 98.1 | 98.2 | 98.8 | 98.8 | 99.1 | 99.2 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

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

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAR MONTH

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

ALL HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.3 | 46.9 | 49.4 | 49.7 | 49.9 | 50.0 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.3 | 50.5 | 50.5 | 50.6 | 50.8 |
| ≥ 20000 | 37.3 | 55.0 | 55.6 | 56.0 | 56.2 | 56.3 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.8 | 56.8 | 56.9 | 57.2 |
| ≥ 18000 | 37.5 | 55.3 | 55.9 | 56.3 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 | 57.2 | 57.5 |
| ≥ 16000 | 37.5 | 55.3 | 55.9 | 56.3 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 | 57.2 | 57.5 |
| ≥ 14000 | 37.6 | 55.5 | 56.2 | 56.5 | 56.8 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.4 | 57.5 | 57.8 |
| ≥ 12000 | 37.6 | 56.[illegible] | 56.7 | 57.1 | 57.3 | 57.4 | 57.5 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.3 |
| ≥ 10000 | 39.1 | 58.7 | 59.4 | 59.8 | 60.0 | 60.1 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.6 | 60.6 | 60.7 | 61.0 |
| ≥ 9000 | 39.3 | 59.1 | 59.8 | 60.2 | 60.4 | 60.5 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 61.0 | 61.0 | 61.2 | 61.4 |
| ≥ 8000 | 40.6 | 61.4 | 62.2 | 62.6 | 62.8 | 62.9 | 63.1 | 63.1 | 63.2 | 63.3 | 63.3 | 63.3 | 63.5 | 63.5 | 63.6 | 63.9 |
| ≥ 7000 | 41.1 | 62.2 | 63.0 | 63.4 | 63.7 | 63.8 | 63.9 | 64.0 | 64.0 | 64.1 | 64.2 | 64.2 | 64.3 | 64.4 | 64.5 | 64.7 |
| ≥ 6000 | 41.9 | 63.7 | 64.5 | 65.0 | 65.2 | 65.3 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.9 | 65.9 | 66.1 | 66.3 |
| ≥ 5000 | 42.7 | 65.2 | 66.1 | 66.6 | 66.9 | 67.0 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.6 | 67.7 | 67.8 | 68.[illegible] |
| ≥ 4500 | 43.1 | 66.2 | 67.2 | 67.7 | 69.0 | 68.1 | 68.2 | 68.3 | 68.4 | 68.5 | 68.5 | 68.5 | 68.7 | 68.8 | 68.9 | 69.1 |
| ≥ 4000 | 43.5 | 67.5 | 68.5 | 69.1 | 69.5 | 69.6 | 69.8 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.3 | 70.4 | 70.5 | 70.7 |
| ≥ 3500 | 44.1 | 68.5 | 69.6 | 70.3 | 70.7 | 70.8 | 71.0 | 71.1 | 71.2 | 71.3 | 71.4 | 71.4 | 71.6 | 71.6 | 71.7 | 72.0 |
| ≥ 3000 | 44.6 | 69.9 | 71. | 71.7 | 72.2 | 72.3 | 72.5 | 72.7 | 72.7 | 72.8 | 72.9 | 72.9 | 73.1 | 73.1 | 73.3 | 73.5 |
| ≥ 2500 | 45.2 | 71.4 | 72.6 | 73.5 | 74.0 | 74.1 | 74.3 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.9 | 75.0 | 75.1 | 75.3 |
| ≥ 2000 | 46.2 | 74.3 | 75.6 | 76.6 | 77.1 | 77.2 | 77.5 | 77.8 | 77.8 | 77.9 | 78.[illegible] | 78.0 | 78.2 | 78.3 | 78.4 | 78.6 |
| ≥ 1800 | 46.5 | 75.1 | 76.4 | 77.4 | 77.9 | 78.1 | 78.3 | 78.6 | 78.7 | 78.8 | 78.9 | 78.9 | 79.1 | 79.1 | 79.2 | 79.5 |
| ≥ 1500 | 47.3 | 77.0 | 78.5 | 79.5 | 80.1 | 80.3 | 80.7 | 80.9 | 81.0 | 81.1 | 81.2 | 81.2 | 81.4 | 81.4 | 81.6 | 81.8 |
| ≥ 1200 | 48.0 | 79.1 | 80.8 | 81.9 | 82.5 | 82.7 | 83.2 | 83.5 | 83.6 | 83.7 | 83.8 | 83.8 | 84.0 | 84.0 | 84.2 | 84.4 |
| ≥ 1000 | 48.5 | 80.6 | 82.4 | 83.6 | 84.4 | 84.6 | 85.1 | 85.4 | 85.5 | 85.7 | 85.8 | 85.8 | 86.0 | 86.[illegible] | 86.2 | 86.4 |
| ≥ 900 | 48.6 | 81.7 | 83.6 | 84.9 | 85.7 | 86.0 | 86.5 | 86.8 | 86.9 | 87.1 | 87.2 | 87.2 | 87.4 | 87.5 | 87.6 | 87.9 |
| ≥ 800 | 49.0 | 82.4 | 84.5 | 85.8 | 86.7 | 87.1 | 87.7 | 88.0 | 88.1 | 88.3 | 88.4 | 88.4 | 88.7 | 88.7 | 88.9 | 89.1 |
| ≥ 700 | 49.2 | 83.2 | 85.5 | 86.9 | 87.9 | 88.3 | 88.9 | 89.2 | 89.4 | 89.5 | 89.6 | 89.6 | 89.9 | 90.0 | 90.1 | 90.4 |
| ≥ 600 | 49.3 | 84.[illegible] | 86.5 | 87.9 | 89.0 | 89.4 | 90.1 | 90.5 | 90.7 | 90.9 | 90.9 | 90.9 | 91.2 | 91.3 | 91.4 | 91.7 |
| ≥ 500 | 49.4 | 84.7 | 87.4 | 89.1 | 90.4 | 90.9 | 91.7 | 92.2 | 92.4 | 92.6 | 92.7 | 92.7 | 93.0 | 93.1 | 93.2 | 93.5 |
| ≥ 400 | 49.5 | 85.4 | 88.3 | 9 .1 | 91.7 | 92.2 | 93.1 | 93.6 | 93.8 | 94.1 | 94.2 | 94.3 | 94.6 | 94.7 | 94.8 | 95.1 |
| ≥ 300 | 49.5 | 85.5 | 88.6 | 90.6 | 92.4 | 93.0 | 94.0 | 94.7 | 95.1 | 95.4 | 95.7 | 95.7 | 96.2 | 96.3 | 96.4 | 96.7 |
| ≥ 200 | 49.5 | 85.5 | 88.7 | 90.7 | 92.6 | 93.3 | 94.4 | 95.3 | 95.8 | 96.3 | 96.8 | 96.9 | 97.6 | 97.8 | 98.0 | 98.4 |
| ≥ 100 | 49.5 | 85.6 | 88.7 | 90.7 | 92.6 | 93.4 | 94.4 | 95.3 | 95.9 | 96.4 | 97.[illegible] | 97.2 | 98.0 | 98.4 | 99.1 | 99.8 |
| ≥ 0 | 49.5 | 85.6 | 88.7 | 90.7 | 92.6 | 93.4 | 94.4 | 95.3 | 95.9 | 96.4 | 97.[illegible] | 97.2 | 98.[illegible] | 98.4 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7445

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3650 (STATION) - FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 41.7 | 61.8 | 61.7 | 62.2 | 62.4 | 62.8 | 63.1 | 63.6 | 63.8 | 63.8 | 64.0 | 64.0 | 64.2 | 64.2 | 64.4 | 64.9 |
| ≥ 20000 | 44.6 | 64.2 | 65.1 | 65.8 | 66.1 | 66.4 | 66.8 | 67.2 | 67.4 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.6 |
| ≥ 18000 | 44.6 | 64.2 | 65.1 | 65.8 | 66.1 | 66.4 | 66.8 | 67.2 | 67.4 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.6 |
| ≥ 16000 | 44.6 | 64.2 | 65.1 | 65.8 | 66.1 | 66.4 | 66.8 | 67.2 | 67.4 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.6 |
| ≥ 14000 | 44.1 | 64.4 | 65.3 | 66.0 | 66.3 | 66.7 | 67.0 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 68.1 | 68.1 | 68.3 | 68.8 |
| ≥ 12000 | 44.6 | 65.1 | 66.0 | 66.7 | 67.0 | 67.3 | 67.7 | 68.1 | 68.3 | 68.3 | 68.6 | 68.6 | 68.8 | 68.8 | 69.0 | 69.4 |
| ≥ 10000 | 45.3 | 67.0 | 67.9 | 68.6 | 68.9 | 69.2 | 69.6 | 70.0 | 70.2 | 70.2 | 70.4 | 70.4 | 70.7 | 70.7 | 70.9 | 71.3 |
| ≥ 9000 | 45.3 | 67.1 | 68.0 | 68.7 | 69.0 | 69.3 | 69.7 | 70.1 | 70.3 | 70.3 | 70.6 | 70.6 | 70.8 | 70.8 | 71.0 | 71.4 |
| ≥ 8000 | 46.8 | 70.1 | 71.0 | 71.7 | 72.0 | 72.3 | 72.7 | 73.1 | 73.3 | 73.3 | 73.6 | 73.6 | 73.8 | 73.8 | 74.0 | 74.4 |
| ≥ 7000 | 47.2 | 71.4 | 72.3 | 73.0 | 73.3 | 73.7 | 74.0 | 74.4 | 74.7 | 74.7 | 74.9 | 74.9 | 75.1 | 75.1 | 75.3 | 75.8 |
| ≥ 6000 | 47.7 | 72.6 | 73.4 | 74.1 | 74.4 | 74.8 | 75.1 | 75.6 | 75.8 | 75.8 | 76.0 | 76.0 | 76.2 | 76.2 | 76.4 | 76.9 |
| ≥ 5000 | 48.2 | 73.7 | 74.6 | 75.2 | 75.6 | 75.9 | 76.2 | 76.7 | 76.9 | 76.9 | 77.1 | 77.1 | 77.3 | 77.3 | 77.6 | 78.0 |
| ≥ 4500 | 48.2 | 73.9 | 74.8 | 75.4 | 75.8 | 76.1 | 76.4 | 76.9 | 77.1 | 77.1 | 77.3 | 77.3 | 77.6 | 77.6 | 77.8 | 78.2 |
| ≥ 4000 | 48.4 | 74.4 | 75.3 | 76.0 | 76.3 | 76.7 | 77.0 | 77.4 | 77.7 | 77.7 | 77.9 | 77.9 | 78.1 | 78.1 | 78.3 | 78.8 |
| ≥ 3500 | 48.8 | 74.8 | 75.7 | 76.3 | 76.7 | 77.0 | 77.3 | 77.8 | 78.0 | 78.0 | 78.2 | 78.2 | 78.4 | 78.4 | 78.7 | 79.1 |
| ≥ 3000 | 49.4 | 75.7 | 76.6 | 77.2 | 77.6 | 77.9 | 78.2 | 78.7 | 78.9 | 78.9 | 79.1 | 79.1 | 79.3 | 79.3 | 79.6 | 80.0 |
| ≥ 2500 | 49.7 | 76.0 | 76.9 | 77.6 | 77.9 | 78.2 | 78.6 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.7 | 79.7 | 79.9 | 80.3 |
| ≥ 2000 | 49.7 | 76.3 | 77.3 | 78.1 | 78.4 | 78.8 | 79.1 | 79.6 | 79.8 | 79.8 | 80.0 | 80.0 | 80.2 | 80.2 | 80.4 | 80.9 |
| ≥ 1800 | 49.7 | 76.4 | 77.4 | 78.2 | 78.6 | 78.9 | 79.2 | 79.7 | 79.9 | 79.9 | 80.1 | 80.1 | 80.3 | 80.3 | 80.6 | 81.0 |
| ≥ 1500 | 50.4 | 78.0 | 79.2 | 80.0 | 80.3 | 80.7 | 81.0 | 81.4 | 81.7 | 81.7 | 81.9 | 81.9 | 82.1 | 82.1 | 82.3 | 82.8 |
| ≥ 1200 | 51.1 | 79.8 | 81.2 | 82.1 | 82.4 | 82.8 | 83.1 | 83.6 | 83.9 | 83.8 | 84.0 | 84.0 | 84.2 | 84.2 | 84.4 | 84.9 |
| ≥ 1000 | 51.4 | 80.3 | 81.9 | 82.8 | 83.2 | 83.6 | 84.0 | 84.4 | 84.7 | 84.8 | 85.0 | 85.0 | 85.2 | 85.2 | 85.4 | 85.9 |
| ≥ 900 | 51.4 | 81.6 | 83.1 | 84.2 | 84.7 | 85.0 | 85.4 | 85.9 | 86.1 | 86.2 | 86.4 | 86.4 | 86.7 | 86.7 | 86.9 | 87.3 |
| ≥ 800 | 52.3 | 82.7 | 84.2 | 85.7 | 86.2 | 86.6 | 87.0 | 87.4 | 87.7 | 87.8 | 88.0 | 88.0 | 88.2 | 88.2 | 88.4 | 88.9 |
| ≥ 700 | 52.1 | 83.6 | 85.6 | 87.2 | 87.8 | 88.1 | 88.6 | 89.0 | 89.2 | 89.3 | 89.6 | 89.6 | 89.8 | 89.8 | 90.0 | 90.6 |
| ≥ 600 | 52.7 | 84.8 | 87.1 | 88.9 | 89.4 | 89.8 | 90.2 | 90.7 | 90.9 | 91.0 | 91.2 | 91.2 | 91.4 | 91.4 | 91.7 | 92.2 |
| ≥ 500 | 53.1 | 86.1 | 89.2 | 91.0 | 91.6 | 91.9 | 92.3 | 92.8 | 93.1 | 93.2 | 93.4 | 93.4 | 93.7 | 93.7 | 93.9 | 94.4 |
| ≥ 400 | 53.1 | 86.4 | 89.9 | 91.9 | 92.9 | 93.3 | 93.8 | 94.2 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.3 | 95.9 |
| ≥ 300 | 53.1 | 86.9 | 90.6 | 92.7 | 93.7 | 94.2 | 94.9 | 95.4 | 95.8 | 95.9 | 96.1 | 96.1 | 96.3 | 96.3 | 96.6 | 97.1 |
| ≥ 200 | 53.1 | 86.9 | 90.7 | 92.9 | 93.8 | 94.7 | 96.0 | 96.8 | 97.2 | 97.3 | 97.8 | 97.8 | 98.2 | 98.2 | 98.4 | 99.0 |
| ≥ 100 | 53.1 | 86.9 | 90.7 | 92.8 | 93.6 | 94.7 | 96.0 | 96.8 | 97.2 | 97.3 | 97.8 | 97.8 | 98.2 | 98.3 | 99.[illegible] | 99.6 |
| ≥ 0 | 53.1 | 86.9 | 90.7 | 92.8 | 93.8 | 94.7 | 96.0 | 96.8 | 97.2 | 97.3 | 97.8 | 97.8 | 98.2 | 98.3 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | <1/2 | ≥1/2 | ≥1 | ≥1 1/4 | ≥1 1/2 | ≥1 3/4 | ≥2 | ≥2 1/2 | ≥3 | ≥4 | ≥5 | ≥6 | ≥7 | ≥8 | ≥9 | ≥10 |
| NO CEILING | 34.4 | 52.1 | 53.3 | 53.9 | 54.4 | 54.7 | 54.8 | 55.1 | 55.2 | 55.4 | 55.7 | 55.7 | 56.1 | 56.1 | 57.1 | 58.2 |
| ≥ 20000 | 35.7 | 54.8 | 56.1 | 56.7 | 57.3 | 57.6 | 57.7 | 58.1 | 58.2 | 58.4 | 58.7 | 58.7 | 59.2 | 59.3 | 60.3 | 61.4 |
| ≥ 18000 | 35.7 | 54.8 | 56.1 | 56.7 | 57.3 | 57.6 | 57.7 | 58.1 | 58.2 | 58.4 | 58.7 | 58.7 | 59.2 | 59.3 | 60.3 | 61.4 |
| ≥ 16000 | 35.7 | 54.8 | 56.1 | 56.7 | 57.3 | 57.6 | 57.7 | 58.1 | 58.2 | 58.4 | 58.7 | 58.7 | 59.2 | 59.3 | 60.3 | 61.4 |
| ≥ 14000 | 35.7 | 54.9 | 56.2 | 56.8 | 57.4 | 57.7 | 57.8 | 58.2 | 58.3 | 58.6 | 58.8 | 58.8 | 59.3 | 59.4 | 60.4 | 61.6 |
| ≥ 12000 | 36.0 | 55.6 | 56.9 | 57.4 | 59.1 | 58.3 | 58.4 | 58.9 | 59. | 59.2 | 59.4 | 59.4 | 60.0 | 60.1 | 61.1 | 62.2 |
| ≥ 10000 | 37.0 | 58.3 | 59.8 | 60.3 | 61.0 | 61.2 | 61.3 | 61.8 | 61.9 | 62.1 | 62.3 | 62.3 | 62.9 | 63.0 | 64.0 | 65.1 |
| ≥ 9000 | 37.0 | 58.3 | 59.8 | 60.3 | 61.0 | 61.2 | 61.3 | 61.8 | 61.9 | 62.1 | 62.3 | 62.3 | 62.9 | 63. | 64.0 | 65.1 |
| ≥ 8000 | 38.7 | 61.1 | 62.6 | 63.1 | 63.8 | 64.0 | 64.1 | 64.6 | 64.7 | 64.9 | 65.1 | 65.1 | 65.7 | 65.3 | 66.8 | 67.9 |
| ≥ 7000 | 39.1 | 61.9 | 63.3 | 63.9 | 64.6 | 64.8 | 64.9 | 65.3 | 65.4 | 65.7 | 65.9 | 65.9 | 66.4 | 66.5 | 67.6 | 68.7 |
| ≥ 6000 | 39.4 | 63.2 | 64.7 | 65.2 | 65.9 | 66.1 | 66.2 | 66.7 | 66.8 | 67.0 | 67.2 | 67.2 | 67.8 | 67.9 | 68.9 | 70.0 |
| ≥ 5000 | 40.4 | 64.6 | 66.1 | 66.7 | 67.8 | 68.0 | 68.1 | 68.6 | 68.7 | 68.9 | 69.1 | 69.1 | 69.7 | 69.8 | 70.8 | 71.9 |
| ≥ 4500 | 40.7 | 64.9 | 66.4 | 67.3 | 68.2 | 68.4 | 68.6 | 69.0 | 69.1 | 69.3 | 69.6 | 69.6 | 70.1 | 70.2 | 71.2 | 72.3 |
| ≥ 4000 | 41.1 | 65.9 | 67.4 | 68.3 | 69.2 | 69.4 | 69.6 | 70.0 | 70.1 | 70.3 | 70.6 | 70.6 | 71.1 | 71.2 | 72.2 | 73.3 |
| ≥ 3500 | 41.1 | 66.2 | 67.3 | 68.7 | 69.6 | 69.8 | 69.9 | 70.3 | 70.4 | 70.7 | 70.9 | 70.9 | 71.4 | 71.6 | 72.6 | 73.7 |
| ≥ 3000 | 41.3 | 67.2 | 68.3 | 69.7 | 70.6 | 70.8 | 70.9 | 71.3 | 71.4 | 71.7 | 71.9 | 71.9 | 72.4 | 72.6 | 73.6 | 74.7 |
| ≥ 2500 | 42.0 | 67.9 | 69.4 | 70.3 | 71.4 | 71.7 | 71.8 | 72.2 | 72.3 | 72.6 | 72.8 | 72.8 | 73.3 | 73.4 | 74.4 | 75.6 |
| ≥ 2000 | 42.2 | 68.8 | 70.3 | 71.2 | 72.3 | 72.6 | 72.7 | 73.1 | 73.3 | 73.6 | 73.9 | 73.9 | 74.4 | 74.5 | 75.6 | 76.7 |
| ≥ 1800 | 42.7 | 69.4 | 71.0 | 71.9 | 73.0 | 73.2 | 73.3 | 73.8 | 74. | 74.2 | 74.6 | 74.6 | 75.2 | 75.3 | 76.3 | 77.4 |
| ≥ 1500 | 43.4 | 71.2 | 72.8 | 73.7 | 74.9 | 75.1 | 75.2 | 75.7 | 75.9 | 76.1 | 76.4 | 76.4 | 77.1 | 77.2 | 78.2 | 79.3 |
| ≥ 1200 | 43.8 | 72.7 | 74.2 | 75.1 | 76.4 | 76.7 | 76.8 | 77.2 | 77.4 | 77 7 | 78.0 | 78.0 | 78.7 | 78.8 | 79.8 | 80.9 |
| ≥ 1000 | 43.9 | 73.0 | 75.3 | 76.7 | 78.0 | 78.3 | 78.4 | 78.9 | 79.1 | 79.3 | 79.7 | 79.7 | 80.3 | 80.4 | 81.4 | 82.6 |
| ≥ 900 | 44.2 | 75.3 | 77.8 | 78.9 | 80.2 | 80.6 | 80.7 | 81.1 | 81.3 | 81.6 | 81.9 | 81.9 | 82.6 | 82.7 | 83.7 | 84.8 |
| ≥ 800 | 44.4 | 76.2 | 78.8 | 80.1 | 81.4 | 81.8 | 81.9 | 82.4 | 82.7 | 83.0 | 83.3 | 83.3 | 84.0 | 84.1 | 85.1 | 86.2 |
| ≥ 700 | 44.4 | 77.0 | 79.7 | 81.2 | 82.7 | 83.0 | 83.1 | 83.7 | 83.9 | 84.2 | 84.6 | 84.6 | 85.2 | 85.3 | 86.3 | 87.4 |
| ≥ 600 | 44.5 | 78.2 | 81.1 | 82.6 | 84.4 | 84.8 | 85.0 | 85.6 | 85.8 | 86.1 | 86.4 | 86.4 | 87.1 | 87.2 | 88.2 | 89.3 |
| ≥ 500 | 44.9 | 78.8 | 82.1 | 84.1 | 85.7 | 86.0 | 86.2 | 86.8 | 87.0 | 87.4 | 87.8 | 87.8 | 88.4 | 88.6 | 89.6 | 90.7 |
| ≥ 400 | 45.2 | 79.7 | 83.1 | 85.4 | 87.2 | 87.7 | 88.0 | 88.6 | 88.8 | 89.2 | 89.6 | 89.6 | 90.2 | 90.3 | 91.3 | 92.4 |
| ≥ 300 | 45.2 | 79.7 | 83.4 | 85.9 | 87.8 | 88.2 | 88.7 | 89.3 | 89.9 | 90.3 | 90.7 | 90.7 | 91.6 | 91.7 | 92.7 | 93.8 |
| ≥ 200 | 45.2 | 79.7 | 83.4 | 86.2 | 88.2 | 88.9 | 89.4 | 90.3 | 90.9 | 91.4 | 91.8 | 91.8 | 92.9 | 93.1 | 94.3 | 95.6 |
| ≥ 100 | 45.2 | 79.7 | 83.6 | 86.3 | 88.3 | 89.0 | 89.6 | 90.4 | 91.0 | 91.6 | 92.2 | 92.2 | 94.0 | 94.3 | 96.8 | 98.8 |
| ≥ 0 | 45.2 | 79.7 | 83.6 | 86.3 | 88.3 | 89.0 | 89.6 | 90.4 | 91.[illegible] | 91.6 | 92.2 | 92.2 | 94.0 | 94.3 | 97.[illegible] | [illegible].0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 | FT RUCKER AL | 69-70,73-80 | APR
STATION | STATION NAME | YEARS | MONTH

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

0600-0800
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.4 | 47.1 | 48.9 | 49.3 | 49.4 | 49.4 | 49.6 | 49.6 | 49.8 | 49.9 | 50.0 | 50.0 | 50.1 | 50.2 | 50.6 | 51.1 |
| ≥ 20000 | 22.6 | 52.2 | 54.6 | 55.1 | 55.2 | 55.3 | 55.4 | 55.4 | 55.7 | 55.8 | 56.0 | 56.0 | 56.1 | 56.3 | 56.8 | 57.3 |
| ≥ 18000 | 22.8 | 52.6 | 54.9 | 55.4 | 55.6 | 55.7 | 55.8 | 55.8 | 56.0 | 56.1 | 56.3 | 56.3 | 56.4 | 56.7 | 57.1 | 57.7 |
| ≥ 16000 | 22.8 | 52.6 | 54.9 | 55.4 | 55.6 | 55.7 | 55.8 | 55.8 | 56.0 | 56.1 | 56.3 | 56.3 | 56.4 | 56.7 | 57.1 | 57.7 |
| ≥ 14000 | 23.1 | 53.3 | 55.7 | 56.2 | 56.3 | 56.4 | 56.6 | 56.6 | 56.8 | 56.9 | 57.1 | 57.1 | 57.2 | 57.4 | 57.9 | 58.4 |
| ≥ 12000 | 24.1 | 55.0 | 57.3 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.4 | 58.6 | 58.8 | 58.8 | 59.0 | 59.2 | 59.7 | 60.2 |
| ≥ 10000 | 25.6 | 58.6 | 61.1 | 61.7 | 61.9 | 62.0 | 62.1 | 62.1 | 62.3 | 62.4 | 62.7 | 62.7 | 62.9 | 63.1 | 63.6 | 64.1 |
| ≥ 9000 | 25.7 | 58.9 | 61.4 | 62.1 | 62.3 | 62.4 | 62.6 | 62.6 | 62.8 | 62.9 | 63.1 | 63.1 | 63.3 | 63.6 | 64.0 | 64.6 |
| ≥ 8000 | 26.2 | 61.3 | 63.9 | 64.6 | 65.1 | 65.2 | 65.4 | 65.4 | 65.7 | 65.8 | 66.1 | 66.0 | 66.2 | 66.4 | 67.1 | 67.6 |
| ≥ 7000 | 26.7 | 61.9 | 64.4 | 65.3 | 65.7 | 65.8 | 66.0 | 66.0 | 66.2 | 66.3 | 66.6 | 66.6 | 66.8 | 67.1 | 67.6 | 68.1 |
| ≥ 6000 | 27.3 | 63.3 | 66.1 | 67.1 | 67.4 | 67.7 | 68.0 | 68.1 | 68.4 | 68.6 | 68.9 | 68.9 | 69.2 | 69.4 | 70.0 | 70.6 |
| ≥ 5000 | 27.3 | 64.4 | 67.3 | 68.4 | 68.9 | 69.2 | 69.6 | 69.7 | 70.0 | 70.1 | 70.4 | 70.4 | 70.8 | 71.0 | 71.6 | 72.1 |
| ≥ 4500 | 28.1 | 64.8 | 67.7 | 69.1 | 69.6 | 69.9 | 70.3 | 70.4 | 70.8 | 70.9 | 71.2 | 71.2 | 71.6 | 71.8 | 72.3 | 72.9 |
| ≥ 4000 | 28.3 | 65.4 | 68.4 | 70.0 | 70.6 | 70.9 | 71.4 | 71.6 | 71.9 | 72.0 | 72.3 | 72.3 | 72.7 | 72.9 | 73.4 | 74.0 |
| ≥ 3500 | 28.7 | 66.3 | 69.4 | 71.1 | 71.7 | 72.0 | 72.6 | 72.7 | 73.0 | 73.1 | 73.4 | 73.4 | 73.8 | 74.0 | 74.6 | 75.1 |
| ≥ 3000 | 29.0 | 66.9 | 70.1 | 71.7 | 72.2 | 72.6 | 73.1 | 73.2 | 73.6 | 73.7 | 74.0 | 74.0 | 74.3 | 74.6 | 75.2 | 75.8 |
| ≥ 2500 | 29.1 | 67.0 | 70.2 | 71.9 | 72.4 | 72.8 | 73.3 | 73.4 | 73.8 | 73.9 | 74.2 | 74.2 | 74.6 | 74.8 | 75.4 | 76.0 |
| ≥ 2000 | 29.4 | 68.6 | 71.9 | 73.6 | 74.1 | 74.4 | 75.0 | 75.1 | 75.4 | 75.6 | 76.0 | 76.0 | 76.3 | 76.6 | 77.2 | 77.8 |
| ≥ 1800 | 29.4 | 69.0 | 72.4 | 74.2 | 74.8 | 75.1 | 75.7 | 75.8 | 76.1 | 76.2 | 76.7 | 76.7 | 77.0 | 77.2 | 77.9 | 78.4 |
| ≥ 1500 | 30.2 | 71.6 | 75.0 | 76.8 | 77.3 | 77.7 | 78.2 | 78.3 | 78.7 | 78.8 | 79.2 | 79.2 | 79.6 | 79.8 | 80.4 | 81.0 |
| ≥ 1200 | 31.1 | 73.9 | 77.4 | 79.4 | 80.1 | 80.4 | 81.1 | 81.2 | 81.6 | 81.7 | 82.1 | 82.1 | 82.4 | 82.7 | 83.3 | 83.9 |
| ≥ 1000 | 31.3 | 75.4 | 79.1 | 81.1 | 81.9 | 82.2 | 82.9 | 83.0 | 83.3 | 83.6 | 84.0 | 84.0 | 84.3 | 84.6 | 85.2 | 85.8 |
| ≥ 900 | 31.7 | 76.6 | 80.7 | 82.7 | 83.6 | 84.0 | 84.8 | 85.0 | 85.3 | 85.6 | 86.1 | 86.1 | 86.4 | 86.7 | 87.3 | 87.9 |
| ≥ 800 | 31.7 | 77.2 | 81.3 | 83.4 | 84.3 | 84.8 | 85.8 | 86.0 | 86.3 | 86.6 | 87.1 | 87.1 | 87.4 | 87.7 | 88.3 | 88.9 |
| ≥ 700 | 31.7 | 77.7 | 82.1 | 84.2 | 85.2 | 85.7 | 86.7 | 86.9 | 87.2 | 87.4 | 88.0 | 88.0 | 88.3 | 88.6 | 89.2 | 89.8 |
| ≥ 600 | 31.7 | 78.3 | 83.1 | 85.4 | 87.1 | 87.7 | 88.9 | 89.0 | 89.3 | 89.6 | 90.2 | 90.2 | 90.6 | 90.8 | 91.4 | 92.0 |
| ≥ 500 | 31.7 | 78.8 | 83.9 | 86.3 | 88.2 | 88.9 | 90.1 | 90.3 | 90.8 | 91.1 | 91.7 | 91.7 | 92.0 | 92.2 | 92.9 | 93.4 |
| ≥ 400 | 31.7 | 79.8 | 83.9 | 86.6 | 89.4 | 89.3 | 90.8 | 91.0 | 91.9 | 92.2 | 93.1 | 93.1 | 93.6 | 93.8 | 94.4 | 95.0 |
| ≥ 300 | 31.7 | 78.8 | 83.9 | 86.7 | 88.9 | 89.8 | 91.3 | 91.7 | 92.8 | 93.2 | 94.2 | 94.2 | 94.7 | 94.9 | 95.6 | 96.1 |
| ≥ 200 | 31.7 | 78.8 | 83.9 | 86.7 | 89.0 | 90.0 | 91.6 | 92.0 | 93.1 | 93.6 | 94.7 | 94.8 | 95.7 | 96.1 | 97.1 | 97.9 |
| ≥ 100 | 31.7 | 78.8 | 83.9 | 86.7 | 89.0 | 90.0 | 91.6 | 92.0 | 93.1 | 93.6 | 94.8 | 94.9 | 96.0 | 96.7 | 98.3 | 99.6 |
| 0 | 31.7 | 78.8 | 83.9 | 86.7 | 89.0 | 90.0 | 91.6 | 92.0 | 93.1 | 93.6 | 94.8 | 94.9 | 96.0 | 96.7 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.1 | 59.6 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 20000 | 37.1 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 18000 | 37.1 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 16000 | 37.1 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 14000 | 37.4 | 68.0 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 39.1 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 10000 | 41.2 | 73.9 | 74.1 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 9000 | 41.3 | 74.0 | 74.2 | 74.3 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 8000 | 41.9 | 76.6 | 77.0 | 77.1 | 77.4 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 7000 | 42.4 | 77.4 | 77.8 | 78.1 | 78.4 | 78.4 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 6000 | 43.1 | 78.4 | 79. | 79. | 79.4 | 79.4 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 5000 | 43.4 | 79.9 | 8 .6 | 80.7 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 4500 | 43.6 | 80.1 | 80.8 | 80.9 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4000 | 43.9 | 81.4 | 82.3 | 82.4 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 3500 | 44.1 | 82.1 | 83. | 83.2 | 83.6 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3000 | 44.6 | 83.6 | 84.7 | 84.9 | 85.3 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 2500 | 45.3 | 85.7 | 86.8 | 87.0 | 87.4 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 2000 | 46.2 | 88.6 | 89.7 | 89.9 | 90.4 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1800 | 46.6 | 89.4 | 90.6 | 90.8 | 91.3 | 91.6 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1500 | 47.3 | 91.3 | 92.4 | 92.7 | 93.2 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1200 | 48.1 | 92.3 | 93.6 | 93.9 | 94.6 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 48.4 | 94.0 | 95.2 | 95.6 | 96.3 | 96.7 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 48.4 | 94.1 | 95.3 | 95.7 | 96.4 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 48.6 | 94.6 | 96. | 96.6 | 97.3 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 48.6 | 94.9 | 96.3 | 96.9 | 97.7 | 98.0 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 48.6 | 94.9 | 96.3 | 97. | 98.1 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 48.6 | 94.9 | 96.3 | 97.0 | 98.1 | 98.7 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 48.6 | 95.0 | 96.4 | 97.1 | 98.2 | 98.9 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 48.6 | 95.0 | 96.4 | 97.1 | 98.2 | 98.9 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 48.6 | 95.0 | 96.4 | 97.1 | 98.2 | 98.9 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 48.6 | 95. | 96.4 | 97.1 | 98.2 | 98.9 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 48.6 | 95. | 96.4 | 97.1 | 98.2 | 98.9 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3356 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 58.2 | 57.4 | 57.6 | 57.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 20000 | 43.9 | 69.4 | 69.6 | 69.9 | 7 .0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 18000 | 43.9 | 69.4 | 69.6 | 69.9 | 7 .0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 16000 | 43.9 | 69.4 | 69.6 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 14000 | 44.3 | 7 .4 | 7 .6 | 7 .9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 12000 | 4 .6 | 71.9 | 72. | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 10000 | 46.6 | 74.0 | 74.3 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 9000 | 47.0 | 74.9 | 75.2 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 8000 | 47.8 | 77.8 | 78.2 | 78.7 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 7000 | 49.1 | 78.4 | 79.0 | 79.4 | 79.7 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 6000 | 48.7 | 79.1 | 79.7 | 80.1 | 80.3 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 49.3 | 81.4 | 82.1 | 82.6 | 82.8 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4500 | 50.0 | 82.1 | 82.8 | 83.2 | 83.4 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 4000 | 50.6 | 84.1 | 85. | 85.6 | 85.9 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 3500 | 51.1 | 85.4 | 86.4 | 87.1 | 87.3 | 87.4 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 52.6 | 88.4 | 89.6 | 9 .1 | 9 .4 | 9 .6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2500 | 53.3 | 90.2 | 91.3 | 91.9 | 92.2 | 92.3 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 53.3 | 92.3 | 93.4 | 94.0 | 94.3 | 94.4 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1800 | 54.2 | 92.9 | 94.0 | 94.6 | 94.9 | 95.0 | 95.1 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 54.2 | 93.4 | 94. | 95.1 | 95.6 | 95.7 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 54.6 | 94.7 | 95.6 | 96.3 | 97.0 | 97.1 | 97.6 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 54.7 | 94.9 | 96. | 96.7 | 97.4 | 97.6 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 54.7 | 95.1 | 96.1 | 96.8 | 97.6 | 97.7 | 98.2 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 54.7 | 95.1 | 96.2 | 96.9 | 97.7 | 97.8 | 98.3 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 54.7 | 95.1 | 96.2 | 96.9 | 97.7 | 97.8 | 98.3 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 54.7 | 95.1 | 96.2 | 96.9 | 97.8 | 98.0 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 54.7 | 95.2 | 96.3 | 97.0 | 97.9 | 98.1 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 54.7 | 95.3 | 96.4 | 97.1 | 98.1 | 98.3 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 54.7 | 95.3 | 96.4 | 97.1 | 98.1 | 98.3 | 99.0 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 54.7 | 95.3 | 96.4 | 97.1 | 98.1 | 98.3 | 99.0 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 54.7 | 95.3 | 96.4 | 97.1 | 98.1 | 98.3 | 99.0 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 54.7 | 95.3 | 96.4 | 97.1 | 98.1 | 98.3 | 99.0 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 500

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.1 | 60.0 | 60.3 | 60.4 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 20000 | 47.9 | 73.9 | 74.3 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 18000 | 47.9 | 74.0 | 74.4 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 16000 | 47.9 | 74.0 | 74.4 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 14000 | 48.1 | 74.7 | 75.1 | 75.3 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 12000 | 49.2 | 76.7 | 77.1 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 10000 | 49.9 | 78.1 | 78.6 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 9000 | 50.0 | 78.6 | 79.0 | 79.2 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 8000 | 51.1 | 81.4 | 82.0 | 82.3 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 7000 | 51.4 | 82.6 | 83.1 | 83.4 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 6000 | 52.[illegible] | 83.3 | 83.9 | 84.2 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 5000 | 53.[illegible] | 85.3 | 85.9 | 86.2 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 53.3 | 86.[illegible] | 86.6 | 86.9 | 87.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4000 | 54.[illegible] | 88.[illegible] | 89.6 | 89.9 | 89.1 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 3500 | 54.1 | 88.7 | 89.2 | 89.6 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3000 | 54.4 | 89.7 | 90.4 | 91.1 | 91.4 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2500 | 54.6 | 90.6 | 91.3 | 91.9 | 92.4 | 92.7 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | 55.[illegible] | 91.9 | 92.[illegible] | 93.3 | 94.0 | 94.2 | 94.2 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 1800 | 55.2 | 92.4 | 93.4 | 94.0 | 94.7 | 94.9 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 55.2 | 92.7 | 93.[illegible] | 94.3 | 95.0 | 95.3 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 55.2 | 92.8 | 94.[illegible] | 94.7 | 95.4 | 95.8 | 95.8 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 55.2 | 93.[illegible] | 94.4 | 95.1 | 96.1 | 96.4 | 96.4 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 55.2 | 93.[illegible] | 94.4 | 95.2 | 96.2 | 96.6 | 96.6 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 55.2 | 93.3 | 94.[illegible] | 95.6 | 96.6 | 96.9 | 96.9 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 55.2 | 93.6 | 95.1 | 95.9 | 97.1 | 97.4 | 97.6 | 97.9 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 55.2 | 93.6 | 95.2 | 96.[illegible] | 97.3 | 97.7 | 98.0 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 55.2 | 93.7 | 95.3 | 96.1 | 97.4 | 97.8 | 98.1 | 98.4 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 400 | 55.2 | 93.8 | 95.4 | 96.2 | 97.7 | 98.1 | 98.4 | 98.9 | 99.2 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 300 | 55.2 | 93.8 | 95.4 | 96.2 | 97.7 | 98.1 | 98.4 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 55.2 | 93.8 | 95.4 | 96.2 | 97.7 | 98.1 | 98.4 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 55.2 | 93.8 | 95.4 | 96.2 | 97.7 | 98.1 | 98.4 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 55.2 | 93.8 | 95.4 | 96.2 | 97.7 | 98.1 | 98.4 | 99.0 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3858 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 47.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 20000 | 52.9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 18000 | 52.9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 16000 | 52.9 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 14000 | 53.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 12000 | 54.6 | 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 |
| ≥ 10000 | 55.1 | 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 |
| ≥ 9000 | 55.7 | 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 |
| ≥ 8000 | 56.2 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 7000 | 56.3 | 85.9 | 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 |
| ≥ 6000 | 57.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 5000 | 58.2 | 88.6 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 58.9 | 89.3 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 4000 | 59.5 | 91.2 | 91.7 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3500 | 59.4 | 91.0 | 91.7 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3000 | 59.9 | 91.8 | 92.4 | 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 |
| ≥ 2500 | 60.0 | 92.1 | 93.0 | 93.7 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 2000 | 60.3 | 93.1 | 94.2 | 94.9 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 60.3 | 93.2 | 94.3 | 95.0 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1500 | 60.3 | 93.6 | 94.7 | 95.3 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.1 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1200 | 61.6 | 94.2 | 95.3 | 96.0 | 96.3 | 96.3 | 96.6 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 61.6 | 94.2 | 95.4 | 96.1 | 96.4 | 96.4 | 96.7 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 900 | 61.7 | 94.4 | 95.7 | 96.3 | 96.7 | 96.7 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 61.7 | 94.6 | 95.9 | 96.7 | 97.0 | 97.0 | 97.2 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 60.7 | 94.6 | 95.9 | 96.3 | 97.1 | 97.2 | 97.4 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 60.7 | 94.6 | 96.0 | 96.9 | 97.3 | 97.4 | 97.7 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 60.7 | 94.8 | 96.2 | 97.2 | 97.8 | 97.9 | 98.2 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 400 | 60.9 | 95.0 | 96.4 | 97.6 | 98.1 | 98.2 | 98.6 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 60.9 | 95.3 | 96.8 | 97.9 | 98.7 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 60.9 | 95.3 | 96.8 | 97.9 | 98.7 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 60.9 | 95.3 | 96.8 | 97.9 | 98.7 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 60.9 | 95.3 | 96.8 | 97.9 | 98.7 | 98.9 | 99.2 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 49.4 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 20000 | 63.[illegible] | 73.9 | 74.[illegible] | 74.[illegible] | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 18000 | 63.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 16000 | 63.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 14000 | 63.2 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 12000 | 64.0 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 10000 | 64.9 | 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 |
| ≥ 9000 | 64.9 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 8000 | 66.6 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 7000 | 66.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 6000 | 67.3 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 5000 | 68.6 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 4500 | 68.7 | 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 |
| ≥ 4000 | 68.8 | 84.8 | 85.[illegible] | 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 |
| ≥ 3500 | 69.2 | 85.4 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 3000 | 69.4 | 86.1 | 86.3 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 2500 | 69.9 | 86.8 | 87.0 | 87.1 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 2000 | 70.2 | 88.0 | 88.2 | 88.4 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1800 | 70.2 | 88.1 | 88.3 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1500 | 70.3 | 88.6 | 89.0 | 89.2 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1200 | 71.0 | 90.4 | 90.9 | 91.1 | 91.3 | 91.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1000 | 71.9 | 91.9 | 92.3 | 92.8 | 93.1 | 93.1 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 900 | 72.2 | 92.6 | 93.0 | 93.4 | 93.8 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 800 | 72.4 | 93.3 | 93.9 | 94.3 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 700 | 72.6 | 93.6 | 94.2 | 94.8 | 95.1 | 95.2 | 95.3 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 600 | 72.9 | 94.6 | 95.4 | 96.[illegible] | 96.3 | 96.6 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 500 | 73.2 | 95.1 | 96.2 | 96.8 | 97.1 | 97.3 | 97.4 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 73.3 | 95.6 | 96.7 | 97.2 | 97.7 | 97.9 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 300 | 73.3 | 95.9 | 97.1 | 97.9 | 98.6 | 98.9 | 99.1 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 73.3 | 96.0 | 97.2 | 98.0 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 73.3 | 96.0 | 97.2 | 98.0 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 73.3 | 96.0 | 97.2 | 98.0 | 98.7 | 99.0 | 99.2 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3855 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

ALL HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥¼ | ≥5/16 | ≥0 |
| NO CEILING | 38.6 | 58.8 | 59.4 | 59.7 | 59.8 | 59.9 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.5 | 60.8 |
| ≥ 20000 | 42.1 | 66.6 | 67.3 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.4 | 68.6 | 68.8 |
| ≥ 18000 | 42.2 | 66.7 | 67.4 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.4 | 68.5 | 68.7 | 68.9 |
| ≥ 16000 | 42.2 | 66.7 | 67.4 | 67.7 | 67.8 | 67.9 | 68.0 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.4 | 68.5 | 68.7 | 68.9 |
| ≥ 14000 | 42.3 | 67.3 | 68.0 | 68.3 | 68.5 | 68.6 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 | 69.0 | 69.1 | 69.1 | 69.3 | 69.6 |
| ≥ 12000 | 43.4 | 68.7 | 69.4 | 69.7 | 69.9 | 70.0 | 70.0 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.5 | 70.5 | 70.7 | 71.0 |
| ≥ 10000 | 44.4 | 71.0 | 71.8 | 72.1 | 72.3 | 72.4 | 72.5 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 73.0 | 73.2 | 73.4 |
| ≥ 9000 | 44.6 | 71.3 | 72.1 | 72.4 | 72.6 | 72.7 | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.2 | 73.3 | 73.5 | 73.8 |
| ≥ 8000 | 45.7 | 74.2 | 75.0 | 75.4 | 75.6 | 75.8 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 | 76.4 | 76.6 | 76.8 |
| ≥ 7000 | 46.1 | 75.0 | 75.9 | 76.3 | 76.5 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.5 | 77.8 |
| ≥ 6000 | 46.7 | 76.3 | 77.1 | 77.5 | 77.8 | 77.9 | 78.1 | 78.2 | 78.3 | 78.3 | 78.4 | 78.4 | 78.6 | 78.6 | 78.8 | 79.1 |
| ≥ 5000 | 47.4 | 77.7 | 78.6 | 79.1 | 79.4 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.1 | 80.2 | 80.2 | 80.5 | 80.7 |
| ≥ 4500 | 47.7 | 78.2 | 79.1 | 79.6 | 79.9 | 80.1 | 80.2 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.7 | 80.8 | 81.0 | 81.3 |
| ≥ 4000 | 48.1 | 79.3 | 80.3 | 80.9 | 81.3 | 81.4 | 81.6 | 81.8 | 81.8 | 81.9 | 82.0 | 82.0 | 82.1 | 82.2 | 82.4 | 82.7 |
| ≥ 3500 | 48.3 | 80.4 | 81.1 | 81.7 | 82.1 | 82.3 | 82.4 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 83.0 | 83.0 | 83.2 | 83.5 |
| ≥ 3000 | 48.9 | 81.2 | 82.3 | 83.0 | 83.4 | 83.6 | 83.7 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.3 | 84.3 | 84.5 | 84.8 |
| ≥ 2500 | 49.2 | 82.0 | 83.3 | 83.9 | 84.4 | 84.6 | 84.8 | 84.9 | 85.0 | 85.1 | 85.2 | 85.2 | 85.3 | 85.3 | 85.6 | 85.8 |
| ≥ 2000 | 49.6 | 83.4 | 84.7 | 85.4 | 85.9 | 86.1 | 86.3 | 86.5 | 86.6 | 86.7 | 86.9 | 86.8 | 86.9 | 87.0 | 87.2 | 87.5 |
| ≥ 1800 | 49.8 | 83.9 | 85.2 | 85.9 | 86.4 | 86.6 | 86.8 | 86.9 | 87.1 | 87.1 | 87.3 | 87.3 | 87.4 | 87.5 | 87.7 | 88.0 |
| ≥ 1500 | 50.2 | 85.1 | 86.4 | 87.1 | 87.7 | 87.9 | 88.1 | 88.3 | 88.4 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 89.0 | 89.3 |
| ≥ 1200 | 50.7 | 86.3 | 87.8 | 88.6 | 89.2 | 89.4 | 89.7 | 89.9 | 90.1 | 90.1 | 90.3 | 90.3 | 90.4 | 90.5 | 90.7 | 91.0 |
| ≥ 1000 | 50.9 | 87.2 | 88.8 | 89.6 | 90.3 | 90.5 | 90.8 | 91.1 | 91.3 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 92.0 | 92.2 |
| ≥ 900 | 51.1 | 87.8 | 89.5 | 90.4 | 91.1 | 91.4 | 91.7 | 92.0 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 93.1 |
| ≥ 800 | 51.2 | 88.4 | 90.1 | 91.2 | 91.9 | 92.2 | 92.5 | 92.8 | 93.0 | 93.1 | 93.3 | 93.3 | 93.4 | 93.5 | 93.7 | 94.0 |
| ≥ 700 | 51.2 | 88.7 | 90.6 | 91.7 | 92.5 | 92.8 | 93.2 | 93.5 | 93.7 | 93.8 | 93.9 | 93.9 | 94.1 | 94.2 | 94.4 | 94.7 |
| ≥ 600 | 51.4 | 89.3 | 91.3 | 92.5 | 93.5 | 93.8 | 94.2 | 94.5 | 94.7 | 94.8 | 95.0 | 95.0 | 95.2 | 95.2 | 95.4 | 95.7 |
| ≥ 500 | 51.5 | 89.7 | 92.0 | 93.2 | 94.2 | 94.6 | 95.1 | 95.4 | 95.6 | 95.7 | 95.9 | 95.9 | 96.1 | 96.2 | 96.4 | 96.7 |
| ≥ 400 | 51.6 | 89.9 | 92.3 | 93.6 | 94.8 | 95.2 | 95.8 | 96.1 | 96.4 | 96.6 | 96.8 | 96.8 | 97.0 | 97.0 | 97.3 | 97.5 |
| ≥ 300 | 51.6 | 90.1 | 92.5 | 93.9 | 95.2 | 95.7 | 96.3 | 96.7 | 97.1 | 97.3 | 97.5 | 97.5 | 97.8 | 97.8 | 98.0 | 98.3 |
| ≥ 200 | 51.6 | 90.1 | 92.5 | 94.0 | 95.3 | 95.8 | 96.5 | 97.1 | 97.5 | 97.7 | 98.0 | 98.0 | 98.3 | 98.4 | 98.8 | 99.1 |
| ≥ 100 | 51.6 | 90.1 | 92.6 | 94.0 | 95.3 | 95.9 | 96.6 | 97.1 | 97.5 | 97.7 | 98.0 | 98.1 | 98.5 | 98.7 | 99.3 | 99.7 |
| ≥ 0 | 51.6 | 90.1 | 92.6 | 94.0 | 95.3 | 95.9 | 96.6 | 97.1 | 97.5 | 97.7 | 98.1 | 98.1 | 98.5 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

365 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.5 | 59.8 | 61.7 | 62.9 | 63.5 | 63.8 | 64.0 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.5 | 64.6 |
| ≥ 20000 | 36.6 | 63.7 | 65.8 | 67.1 | 67.7 | 68.0 | 68.3 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 |
| ≥ 18000 | 36.6 | 63.7 | 65.8 | 67.1 | 67.7 | 68.0 | 68.3 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 |
| ≥ 16000 | 36.6 | 63.7 | 65.8 | 67.1 | 67.7 | 68.0 | 68.3 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 |
| ≥ 14000 | 37.1 | 64.4 | 66.6 | 67.8 | 68.5 | 68.7 | 69.0 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 69.8 |
| ≥ 12000 | 37.5 | 64.8 | 67.0 | 68.3 | 68.9 | 69.1 | 69.5 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 | 70.2 |
| ≥ 10000 | 39.5 | 67.7 | 70.0 | 71.3 | 72.0 | 72.3 | 72.6 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.2 | 73.2 | 73.3 | 73.4 |
| ≥ 9000 | 39.6 | 68.3 | 70.5 | 71.8 | 72.6 | 72.8 | 73.1 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.8 | 73.8 | 73.9 | 74.0 |
| ≥ 8000 | 41.1 | 70.5 | 72.9 | 74.4 | 75.2 | 75.4 | 75.7 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.5 | 76.6 |
| ≥ 7000 | 41.6 | 72.3 | 74.8 | 76.3 | 77.1 | 77.3 | 77.6 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.3 | 78.3 | 78.4 | 78.5 |
| ≥ 6000 | 42.0 | 73.8 | 76.5 | 78.2 | 78.9 | 79.1 | 79.5 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 8.1 | 80.1 | 80.2 | 80.3 |
| ≥ 5000 | 43.0 | 75.2 | 77.8 | 79.8 | 80.5 | 80.8 | 81.1 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 |
| ≥ 4500 | 43.1 | 75.7 | 78.4 | 80.3 | 81.1 | 81.3 | 81.6 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.4 | 82.4 | 82.5 | 82.6 |
| ≥ 4000 | 43.4 | 76.6 | 79.2 | 81.2 | 82.0 | 82.4 | 82.7 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.4 | 83.4 | 83.5 | 83.7 |
| ≥ 3500 | 43.7 | 76.9 | 79.6 | 81.5 | 82.4 | 82.7 | 83.0 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.8 | 83.8 | 83.9 | 84.0 |
| ≥ 3000 | 43.7 | 77.5 | 80.3 | 82.3 | 83.1 | 83.4 | 83.9 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.6 | 84.7 |
| ≥ 2500 | 43.9 | 77.8 | 80.6 | 82.8 | 83.7 | 84.0 | 84.3 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 85.1 | 85.1 | 85.2 | 85.3 |
| ≥ 2000 | 44.2 | 78.8 | 81.7 | 83.9 | 84.7 | 85.1 | 85.4 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.1 | 86.1 | 86.2 | 86.3 |
| ≥ 1800 | 44.4 | 79.0 | 81.9 | 84.1 | 84.9 | 85.3 | 85.6 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.5 | 86.6 |
| ≥ 1500 | 44.7 | 80.0 | 83.1 | 85.3 | 86.2 | 86.6 | 86.9 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.7 | 87.8 |
| ≥ 1200 | 45.6 | 82.6 | 85.7 | 88.2 | 89.1 | 89.5 | 89.8 | 90.2 | 90.2 | 90.3 | 90.4 | 90.4 | 90.6 | 90.6 | 90.8 | 90.9 |
| ≥ 1000 | 45.9 | 83.2 | 86.3 | 88.8 | 89.9 | 90.2 | 90.5 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.5 | 91.6 |
| ≥ 900 | 46.6 | 84.8 | 88.0 | 90.5 | 91.8 | 92.2 | 92.5 | 92.9 | 92.9 | 93.0 | 93.1 | 93.1 | 93.3 | 93.3 | 93.4 | 93.5 |
| ≥ 800 | 46.9 | 85.6 | 88.7 | 91.4 | 92.7 | 93.0 | 93.3 | 93.8 | 93.8 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 |
| ≥ 700 | 46.9 | 86.9 | 90.0 | 92.8 | 94.1 | 94.4 | 94.7 | 95.2 | 95.2 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 600 | 47.3 | 87.6 | 90.7 | 93.5 | 94.8 | 95.2 | 95.5 | 95.9 | 95.9 | 96.0 | 96.1 | 96.1 | 96.3 | 96.3 | 96.5 | 96.6 |
| ≥ 500 | 47.3 | 88.1 | 91.3 | 94.2 | 95.5 | 95.8 | 96.1 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 400 | 47.3 | 88.2 | 91.7 | 94.8 | 96.1 | 96.5 | 96.8 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.8 | 98.0 |
| ≥ 300 | 47.3 | 88.3 | 91.8 | 95.2 | 96.6 | 97.0 | 97.3 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 |
| ≥ 200 | 47.3 | 88.5 | 92.0 | 95.5 | 97.0 | 97.5 | 97.8 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.4 |
| ≥ 100 | 47.3 | 88.5 | 92.0 | 95.5 | 97.0 | 97.5 | 97.8 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.8 |
| 0 | 47.3 | 88.5 | 92.0 | 95.5 | 97.0 | 97.5 | 97.8 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-71,73-80 (YEARS) MAY (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.9 | 44.2 | 47.7 | 50.3 | 53.0 | 54.0 | 55.1 | 55.8 | 56.2 | 56.5 | 56.8 | 56.8 | 57.4 | 57.6 | 58.2 | 58.9 |
| ≥ 20000 | 25.1 | 47.3 | 51.3 | 54.1 | 56.9 | 57.8 | 59.1 | 60.1 | 60.5 | 60.8 | 61.1 | 61.1 | 61.8 | 62.2 | 62.8 | 63.5 |
| ≥ 18000 | 25.1 | 47.3 | 51.3 | 54.1 | 56.9 | 57.8 | 59.1 | 60.1 | 60.5 | 60.8 | 61.1 | 61.1 | 61.8 | 62.2 | 62.8 | 63.5 |
| ≥ 16000 | 25.1 | 47.3 | 51.3 | 54.1 | 56.9 | 57.8 | 59.1 | 60.1 | 60.5 | 60.8 | 61.1 | 61.1 | 61.8 | 62.2 | 62.8 | 63.5 |
| ≥ 14000 | 25.4 | 47.6 | 51.6 | 54.4 | 57.2 | 58.2 | 59.5 | 60.4 | 60.9 | 61.1 | 61.4 | 61.4 | 62.2 | 62.5 | 63.1 | 63.9 |
| ≥ 12000 | 25.7 | 48.1 | 52.1 | 54.8 | 57.6 | 58.6 | 59.9 | 60.9 | 61.3 | 61.5 | 61.8 | 61.8 | 62.6 | 62.9 | 63.5 | 64.3 |
| ≥ 10000 | 27.3 | 50.9 | 54.8 | 57.7 | 60.9 | 62.0 | 63.3 | 64.3 | 64.7 | 64.9 | 65.3 | 65.3 | 66.0 | 66.3 | 67.0 | 67.7 |
| ≥ 9000 | 27.7 | 51.8 | 55.8 | 58.7 | 61.8 | 63.0 | 64.3 | 65.3 | 65.7 | 65.9 | 66.2 | 66.2 | 67.0 | 67.3 | 68.0 | 68.7 |
| ≥ 8000 | 28.7 | 53.9 | 57.8 | 60.8 | 64.0 | 65.2 | 66.5 | 67.7 | 68.2 | 68.4 | 68.7 | 68.7 | 69.6 | 69.9 | 70.5 | 71.3 |
| ≥ 7000 | 29.4 | 55.4 | 59.4 | 62.5 | 65.7 | 66.9 | 68.4 | 69.7 | 70.2 | 70.4 | 70.8 | 70.8 | 71.6 | 71.9 | 72.6 | 73.3 |
| ≥ 6000 | 29.8 | 57.0 | 61.1 | 64.3 | 67.5 | 68.7 | 70.2 | 71.5 | 72.4 | 72.6 | 72.9 | 72.9 | 73.8 | 74.1 | 74.7 | 75.5 |
| ≥ 5000 | 30.0 | 57.8 | 62.3 | 65.6 | 68.8 | 70.0 | 71.6 | 72.9 | 73.9 | 74.0 | 74.3 | 74.3 | 75.2 | 75.5 | 76.1 | 76.9 |
| ≥ 4500 | 30.1 | 58.2 | 62.6 | 65.9 | 69.1 | 70.3 | 71.9 | 73.2 | 74.1 | 74.3 | 74.6 | 74.6 | 75.5 | 75.8 | 76.5 | 77.2 |
| ≥ 4000 | 30.8 | 59.9 | 64.4 | 67.7 | 71.0 | 72.2 | 73.8 | 75.1 | 75.9 | 76.1 | 76.5 | 76.5 | 77.3 | 77.6 | 78.3 | 79.0 |
| ≥ 3500 | 30.8 | 60.0 | 64.5 | 67.8 | 71.1 | 72.3 | 73.9 | 75.2 | 76.0 | 76.2 | 76.6 | 76.6 | 77.4 | 77.7 | 78.4 | 79.1 |
| ≥ 3000 | 30.8 | 60.2 | 64.8 | 68.2 | 71.5 | 72.7 | 74.3 | 75.7 | 76.6 | 76.8 | 77.1 | 77.1 | 78.0 | 78.3 | 78.9 | 79.7 |
| ≥ 2500 | 30.9 | 60.3 | 64.9 | 68.3 | 71.6 | 72.9 | 74.5 | 75.9 | 76.8 | 77.0 | 77.3 | 77.3 | 78.2 | 78.5 | 79.1 | 79.9 |
| ≥ 2000 | 31.2 | 61.0 | 65.8 | 69.1 | 72.5 | 74.0 | 75.6 | 77.1 | 78.0 | 78.3 | 78.6 | 78.6 | 79.5 | 79.8 | 80.4 | 81.2 |
| ≥ 1800 | 31.3 | 61.2 | 66.0 | 69.4 | 72.7 | 74.2 | 75.8 | 77.3 | 78.2 | 78.5 | 78.8 | 78.8 | 79.7 | 80.0 | 80.6 | 81.4 |
| ≥ 1500 | 31.4 | 61.8 | 66.8 | 70.2 | 73.8 | 75.3 | 76.9 | 78.4 | 79.2 | 79.6 | 79.9 | 79.9 | 80.9 | 81.2 | 81.8 | 82.6 |
| ≥ 1200 | 31.7 | 63.4 | 68.6 | 72.0 | 75.6 | 77.1 | 78.7 | 80.3 | 81.2 | 81.5 | 81.9 | 81.8 | 82.8 | 83.1 | 83.8 | 84.5 |
| ≥ 1000 | 32.0 | 64.7 | 70.0 | 73.4 | 77.1 | 78.6 | 80.3 | 82.0 | 82.9 | 83.3 | 83.7 | 83.7 | 84.6 | 84.9 | 85.6 | 86.3 |
| ≥ 900 | 32.3 | 65.9 | 71.2 | 74.8 | 78.6 | 80.1 | 81.8 | 83.5 | 84.4 | 84.8 | 85.2 | 85.2 | 86.1 | 86.5 | 87.1 | 87.8 |
| ≥ 800 | 32.6 | 67.0 | 72.5 | 76.2 | 80.0 | 81.5 | 83.3 | 85.3 | 86.1 | 86.7 | 87.0 | 87.0 | 88.0 | 88.3 | 88.9 | 89.7 |
| ≥ 700 | 32.8 | 68.3 | 73.4 | 77.3 | 81.2 | 82.7 | 84.6 | 86.6 | 87.4 | 88.0 | 88.3 | 88.3 | 89.2 | 89.6 | 90.2 | 91.0 |
| ≥ 600 | 33.2 | 68.9 | 74.7 | 78.7 | 82.6 | 84.1 | 86.0 | 88.0 | 88.8 | 89.4 | 89.7 | 89.7 | 90.6 | 91.0 | 91.6 | 92.4 |
| ≥ 500 | 33.2 | 69.4 | 75.3 | 79.6 | 83.7 | 85.4 | 87.4 | 89.4 | 90.2 | 90.8 | 91.1 | 91.1 | 92.0 | 92.5 | 93.1 | 93.9 |
| ≥ 400 | 33.2 | 69.6 | 75.5 | 79.9 | 84.1 | 86.0 | 88.2 | 90.2 | 91.1 | 91.6 | 91.9 | 92.2 | 93.0 | 93.4 | 94.1 | 94.8 |
| ≥ 300 | 33.2 | 69.8 | 75.7 | 80.1 | 84.5 | 86.6 | 88.8 | 91.1 | 92.1 | 92.7 | 93.0 | 93.1 | 94.1 | 94.7 | 95.4 | 96.3 |
| ≥ 200 | 33.2 | 69.8 | 75.7 | 80.1 | 84.5 | 86.7 | 88.9 | 91.2 | 92.6 | 93.3 | 93.9 | 94.0 | 95.3 | 95.9 | 96.8 | 98.1 |
| ≥ 100 | 33.2 | 69.8 | 75.7 | 80.1 | 84.5 | 86.7 | 88.9 | 91.4 | 92.8 | 93.7 | 94.2 | 94.3 | 95.8 | 96.5 | 97.3 | 98.8 |
| ≥ 0 | 33.2 | 69.8 | 75.7 | 80.1 | 84.5 | 86.7 | 88.9 | 91.4 | 92.8 | 93.7 | 94.2 | 94.3 | 95.8 | 96.5 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 931

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.3 | 38.7 | 43.9 | 47.0 | 49.5 | 50.2 | 50.8 | 51.0 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.8 | 51.9 | 52.0 |
| ≥ 20000 | 16.7 | 43.4 | 49.4 | 52.6 | 55.2 | 56.2 | 57.0 | 57.3 | 57.7 | 57.8 | 58.2 | 58.2 | 58.4 | 58.8 | 58.9 | 59.0 |
| ≥ 18000 | 16.9 | 43.5 | 49.5 | 52.7 | 55.3 | 56.3 | 57.1 | 57.4 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.9 | 59.0 | 59.1 |
| ≥ 16000 | 16.9 | 43.5 | 49.5 | 52.7 | 55.3 | 56.3 | 57.1 | 57.4 | 57.8 | 58.0 | 58.3 | 58.3 | 58.5 | 58.9 | 59.0 | 59.1 |
| ≥ 14000 | 16.8 | 43.7 | 49.6 | 52.8 | 55.4 | 56.5 | 57.2 | 57.5 | 58.0 | 58.1 | 58.4 | 58.4 | 58.6 | 59.0 | 59.1 | 59.2 |
| ≥ 12000 | 16.9 | 43.1 | 51.2 | 54.4 | 57.0 | 58.1 | 58.8 | 59.1 | 59.6 | 59.7 | 60.0 | 60.0 | 60.2 | 60.6 | 60.8 | 60.9 |
| ≥ 10000 | 18.5 | 48.3 | 54.6 | 58.0 | 60.6 | 61.7 | 62.5 | 62.8 | 63.3 | 63.4 | 63.8 | 63.8 | 64.0 | 64.4 | 64.5 | 64.6 |
| ≥ 9000 | 19.7 | 49.7 | 55.1 | 58.4 | 61.1 | 62.2 | 62.9 | 63.2 | 63.8 | 63.9 | 64.2 | 64.2 | 64.4 | 64.8 | 64.9 | 65.1 |
| ≥ 8000 | 19.7 | 50.9 | 57.2 | 60.8 | 63.8 | 64.8 | 65.6 | 66.1 | 66.7 | 66.9 | 67.2 | 67.2 | 67.4 | 67.8 | 68.1 | 68.2 |
| ≥ 7000 | 19.7 | 51.6 | 58.0 | 61.7 | 64.8 | 65.9 | 66.7 | 67.2 | 67.8 | 68.1 | 68.4 | 68.4 | 68.6 | 69.0 | 69.2 | 69.4 |
| ≥ 6000 | 19.7 | 52.2 | 59.1 | 62.7 | 66.0 | 67.1 | 67.8 | 68.4 | 69.0 | 69.2 | 69.6 | 69.6 | 69.8 | 70.2 | 70.4 | 70.5 |
| ≥ 5000 | 19.7 | 52.5 | 59.4 | 63.7 | 67.1 | 68.2 | 68.9 | 69.5 | 70.1 | 70.3 | 70.6 | 70.6 | 70.9 | 71.3 | 71.5 | 71.6 |
| ≥ 4500 | 19.7 | 52.7 | 59.8 | 63.9 | 67.3 | 68.5 | 69.2 | 69.8 | 70.4 | 70.6 | 71.0 | 71.0 | 71.2 | 71.6 | 71.8 | 71.9 |
| ≥ 4000 | 19.9 | 53.7 | 60.9 | 65.1 | 68.5 | 69.7 | 70.4 | 71.0 | 71.6 | 71.8 | 72.2 | 72.2 | 72.4 | 72.8 | 73.0 | 73.1 |
| ≥ 3500 | 19.9 | 53.7 | 61.0 | 65.3 | 68.7 | 69.9 | 70.6 | 71.2 | 71.8 | 72.0 | 72.4 | 72.4 | 72.6 | 73.0 | 73.2 | 73.3 |
| ≥ 3000 | 20.1 | 54.3 | 61.7 | 66.0 | 69.5 | 70.6 | 71.4 | 71.9 | 72.6 | 72.8 | 73.1 | 73.1 | 73.3 | 73.8 | 74.0 | 74.1 |
| ≥ 2500 | 20.2 | 54.5 | 61.9 | 66.2 | 69.7 | 70.9 | 71.7 | 72.4 | 73.1 | 73.2 | 73.5 | 73.5 | 73.8 | 74.2 | 74.4 | 74.5 |
| ≥ 2000 | 20.3 | 55.7 | 63.3 | 67.7 | 71.2 | 72.7 | 73.5 | 74.2 | 74.8 | 75.1 | 75.4 | 75.4 | 75.6 | 76.0 | 76.2 | 76.3 |
| ≥ 1800 | 20.9 | 55.9 | 63.7 | 68.1 | 71.5 | 73.0 | 73.9 | 74.5 | 75.2 | 75.4 | 75.7 | 75.7 | 75.9 | 76.3 | 76.6 | 76.7 |
| ≥ 1500 | 21.0 | 57.1 | 65.2 | 69.6 | 73.0 | 74.5 | 75.5 | 76.1 | 76.8 | 77.0 | 77.3 | 77.3 | 77.5 | 78.0 | 78.2 | 78.3 |
| ≥ 1200 | 21.8 | 60.2 | 68.4 | 73.3 | 76.9 | 78.4 | 79.5 | 80.1 | 80.8 | 81.0 | 81.4 | 81.4 | 81.6 | 82.0 | 82.3 | 82.4 |
| ≥ 1000 | 22.2 | 61.7 | 71.1 | 75.6 | 79.2 | 80.6 | 81.7 | 82.4 | 83.0 | 83.2 | 83.7 | 83.7 | 83.9 | 84.3 | 84.5 | 84.6 |
| ≥ 900 | 22.7 | 63.5 | 72.3 | 77.7 | 81.4 | 82.9 | 84.0 | 84.6 | 85.3 | 85.5 | 85.9 | 85.9 | 86.1 | 86.6 | 86.8 | 86.9 |
| ≥ 800 | 22.7 | 64.7 | 73.4 | 79.0 | 82.9 | 84.4 | 85.5 | 86.1 | 86.8 | 87.0 | 87.4 | 87.4 | 87.6 | 88.1 | 88.3 | 88.4 |
| ≥ 700 | 22.8 | 65.6 | 74.5 | 81.4 | 84.4 | 85.9 | 87.1 | 87.7 | 88.5 | 88.7 | 89.1 | 89.1 | 89.4 | 89.8 | 90.0 | 90.1 |
| ≥ 600 | 22.8 | 66.5 | 75.6 | 81.6 | 85.9 | 87.5 | 88.7 | 89.8 | 90.8 | 91.0 | 91.4 | 91.4 | 91.6 | 92.0 | 92.3 | 92.4 |
| ≥ 500 | 22.8 | 66.8 | 76.0 | 82.3 | 86.7 | 88.7 | 89.9 | 91.2 | 92.2 | 92.4 | 92.8 | 92.8 | 93.0 | 93.4 | 93.7 | 93.8 |
| ≥ 400 | 22.8 | 66.8 | 76.3 | 82.6 | 87.1 | 89.4 | 90.9 | 92.3 | 93.4 | 93.7 | 94.1 | 94.1 | 94.4 | 94.8 | 95.1 | 95.2 |
| ≥ 300 | 22.9 | 66.9 | 76.6 | 82.8 | 87.4 | 89.7 | 91.1 | 92.8 | 94.1 | 94.3 | 94.8 | 94.8 | 95.2 | 95.7 | 95.9 | 96.0 |
| ≥ 200 | 22.8 | 67.0 | 76.7 | 83.1 | 87.7 | 90.2 | 91.6 | 93.3 | 94.8 | 95.2 | 95.7 | 95.7 | 96.0 | 97.0 | 97.5 | 97.8 |
| ≥ 100 | 22.9 | 67.0 | 76.7 | 83.1 | 87.7 | 90.2 | 91.6 | 93.5 | 95.1 | 95.4 | 96.0 | 96.0 | 96.3 | 97.5 | 98.2 | 99.4 |
| ≥ 0 | 22.8 | 67.0 | 76.7 | 83.1 | 87.7 | 90.2 | 91.6 | 93.5 | 95.1 | 95.4 | 96.0 | 96.0 | 96.3 | 97.5 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3650 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.3 | 54.8 | 56.0 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 20000 | 29.7 | 63.5 | 65.2 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 18000 | 29.7 | 63.9 | 65.5 | 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 |
| ≥ 16000 | 29.7 | 63.9 | 65.5 | 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 |
| ≥ 14000 | 29.9 | 64.4 | 66.1 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 12000 | 30.1 | 65.2 | 66.8 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 10000 | 31.6 | 69.1 | 70.8 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 9000 | 31.8 | 69.6 | 71.2 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 8000 | 32.9 | 72.9 | 74.6 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 7000 | 33.0 | 73.3 | 75.1 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 6000 | 33.1 | 74.3 | 76.3 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 5000 | 33.2 | 75.3 | 77.5 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 4500 | 33.4 | 75.7 | 78.1 | 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 |
| ≥ 4000 | 33.4 | 76.5 | 78.8 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 3500 | 33.7 | 77.3 | 79.7 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 3000 | 34.7 | 80.1 | 82.6 | 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 |
| ≥ 2500 | 36.5 | 82.9 | 85.4 | 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 |
| ≥ 2000 | 37.2 | 84.8 | 87.6 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1800 | 37.4 | 86.1 | 89.3 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1500 | 38.4 | 88.4 | 91.6 | 92.8 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1200 | 38.6 | 90.4 | 93.8 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 38.7 | 90.9 | 94.2 | 95.6 | 96.0 | 96.1 | 96.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 900 | 38.7 | 91.1 | 94.5 | 96.2 | 96.5 | 96.6 | 96.6 | 96.7 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 800 | 38.9 | 91.6 | 95.1 | 97.0 | 97.4 | 97.5 | 97.5 | 97.8 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 38.9 | 91.8 | 95.4 | 97.3 | 97.8 | 98.0 | 98.0 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 38.9 | 92.0 | 95.7 | 97.6 | 98.2 | 98.3 | 98.3 | 98.7 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.5 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 38.9 | 92.2 | 95.8 | 97.8 | 98.5 | 98.6 | 98.6 | 99.0 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400C HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 30.1 | 53.9 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 20000 | 36.9 | 67.4 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 69.1 | 68.1 |
| ≥ 18000 | 36.9 | 67.6 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 69.3 | 68.3 |
| ≥ 16000 | 37.0 | 67.7 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 69.4 | 68.4 |
| ≥ 14000 | 37.2 | 68.2 | 68.9 | 68.8 | 68.8 | 68.8 | 68.9 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 37.5 | 69.0 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 10000 | 39.9 | 73.3 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 9000 | 40.5 | 74.0 | 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 |
| ≥ 8000 | 41.3 | 77.0 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 7000 | 41.5 | 77.8 | 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 |
| ≥ 6000 | 41.6 | 78.9 | 79.6 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 5000 | 42.0 | 80.6 | 81.3 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4500 | 42.5 | 81.4 | 82.0 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 4000 | 44.0 | 84.3 | 85.3 | 85.9 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 45.6 | 86.3 | 87.5 | 88.2 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3000 | 46.3 | 88.8 | 9 .2 | 91.9 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 2500 | 46.6 | 90.5 | 92.1 | 92.8 | 93.3 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2000 | 47.2 | 92.5 | 94.1 | 94.8 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1800 | 47.5 | 93.2 | 94.9 | 95.6 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1500 | 47.7 | 94.2 | 95.9 | 96.6 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1200 | 47.8 | 94.5 | 96.3 | 97.0 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 48.1 | 94.8 | 96.6 | 97.3 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 48.2 | 95.1 | 96.8 | 97.5 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 48.3 | 95.3 | 97.0 | 97.7 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 48.3 | 95.3 | 97.0 | 97.7 | 98.6 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 48.3 | 95.4 | 97.2 | 98.0 | 98.8 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 48.3 | 95.4 | 97.2 | 98.0 | 98.8 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 48.4 | 95.5 | 97.3 | 98.1 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 48.4 | 95.5 | 97.3 | 98.1 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 48.4 | 95.5 | 97.3 | 98.1 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 48.4 | 95.5 | 97.3 | 98.1 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 48.4 | 95.5 | 97.3 | 98.1 | 98.9 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

(3965) FT RUCKER AL 69-70,73-8[illegible] MAY
STATION STATION NAME YEARS MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.9 | 54.6 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 20000 | 39.7 | 68.7 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 18000 | 39.7 | 68.7 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 16000 | 39.9 | 68.9 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 14000 | 40.3 | 71.0 | 72.5 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 12000 | 40.8 | 72.0 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 10000 | 44.1 | 78.4 | 79.0 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 9000 | 44.4 | 79.0 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 8000 | 45.8 | 82.3 | 83.1 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 7000 | 46.5 | 83.0 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 6000 | 47.1 | 85.2 | 86.1 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 5000 | 47.7 | 86.7 | 88.2 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 4500 | 48.5 | 87.7 | 89.2 | 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 |
| ≥ 4000 | 49.5 | 89.9 | 91.7 | 92.8 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 3500 | 49.9 | 90.4 | 92.5 | 93.8 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 3000 | 50.8 | 91.8 | 93.9 | 95.2 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2500 | 51.0 | 92.4 | 94.5 | 95.9 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 51.2 | 93.3 | 95.5 | 96.9 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | 51.4 | 93.8 | 95.9 | 97.3 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1500 | 51.4 | 93.9 | 96.0 | 97.4 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 51.6 | 94.0 | 96.2 | 97.6 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 51.8 | 94.3 | 96.6 | 98.0 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 51.8 | 94.3 | 96.7 | 98.1 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 51.9 | 94.4 | 96.8 | 98.2 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 51.9 | 94.6 | 97.1 | 98.4 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 51.9 | 94.6 | 97.0 | 98.4 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 51.9 | 94.6 | 97.0 | 98.4 | 98.9 | 99.1 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 51.9 | 94.6 | 97.0 | 98.4 | 98.9 | 99.1 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 51.9 | 94.6 | 97.0 | 98.4 | 99.0 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 51.9 | 94.6 | 97.1 | 98.4 | 99.0 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 51.9 | 94.6 | 97.1 | 98.4 | 99.0 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| > 0 | 51.9 | 94.6 | 97.1 | 98.4 | 99.0 | 99.2 | 99.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.3 | 56.7 | 57.2 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 20000 | 41.1 | 71.6 | 71.4 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 18000 | 41.1 | 72.6 | 71.4 | 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 |
| ≥ 16000 | 41.3 | 73.9 | 71.6 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 14000 | 41.6 | 71.8 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 12000 | 42.4 | 73.7 | 74.4 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 10000 | 43.5 | 76.9 | 77.6 | 78.7 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 9000 | 43.9 | 77.4 | 78.2 | 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 |
| ≥ 8000 | 45.3 | 80.5 | 81.5 | 82.8 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 7000 | 45.9 | 81.6 | 82.7 | 84.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 6000 | 46.9 | 84.3 | 85.8 | 87.5 | 87.8 | 87.8 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 5000 | 47.4 | 85.3 | 87. | 88.7 | 89.0 | 89.1 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4500 | 48.1 | 86.2 | 89.1 | 89.8 | 90.1 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 4000 | 48.4 | 87.7 | 89.8 | 91.6 | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 3500 | 48.6 | 88.3 | 91.3 | 92.2 | 92.8 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 48.9 | 89.1 | 91.2 | 93. | 93.7 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 49.6 | 90.2 | 92.3 | 94.1 | 94.7 | 94.8 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2000 | 49.7 | 91.0 | 93.0 | 94.8 | 95.5 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1800 | 49.8 | 91.2 | 93.2 | 95.1 | 95.7 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1500 | 49.9 | 91.4 | 93.4 | 95.5 | 96.1 | 96.3 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | 50.0 | 91.7 | 93.9 | 95.9 | 96.6 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 50.2 | 92.0 | 94.3 | 96.3 | 97.0 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 50.2 | 92.2 | 94.4 | 96.5 | 97.2 | 97.4 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 50.2 | 92.5 | 94.7 | 96.6 | 97.5 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 50.2 | 93.2 | 95.3 | 97.3 | 98.1 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 50.3 | 93.2 | 95.5 | 97.5 | 98.4 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 50.4 | 93.3 | 95.6 | 97.8 | 98.7 | 99.1 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 50.4 | 93.4 | 95.7 | 98.0 | 98.8 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 50.4 | 93.4 | 95.7 | 98.0 | 98.8 | 99.2 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 50.4 | 93.5 | 95.8 | 98.1 | 98.9 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 50.4 | 93.5 | 95.8 | 98.1 | 98.9 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 50.4 | 93.5 | 95.8 | 98.1 | 98.9 | 99.4 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

395 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

2100-2500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.5 | 65.2 | 65.5 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66. | 66. | 66.0 | 66.0 |
| ≥ 20000 | 42.6 | 72.7 | 73.1 | 73.5 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 18000 | 42.6 | 72.7 | 73.1 | 73.5 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 16000 | 42.6 | 72.7 | 73.1 | 73.5 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 14000 | 43.0 | 73.5 | 74.1 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 12000 | 43.1 | 74.0 | 74.4 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 10000 | 44.3 | 76.8 | 77.3 | 77.7 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 9000 | 44.9 | 77.4 | 79.0 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 8000 | 46.9 | 80.3 | 81.0 | 81.5 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 7000 | 47.4 | 81.5 | 82.2 | 82.7 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 6000 | 48.2 | 83.8 | 84.4 | 84.9 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 5000 | 48.7 | 85.2 | 86.1 | 86.7 | 87.3 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 4500 | 49.2 | 86.4 | 86.9 | 87.5 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 52.1 | 88.1 | 88.6 | 89.5 | 9 .3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 50.3 | 88.6 | 89.5 | 90.1 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | 50.4 | 89.4 | 90.2 | 90.9 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2500 | 50.4 | 89.5 | 90.4 | 91.1 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2000 | 50.9 | 90.3 | 91.3 | 91.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 51.1 | 90.9 | 91.8 | 92.5 | 93.4 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1500 | 51.6 | 91.8 | 92.8 | 93.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1200 | 52.2 | 92.9 | 93.9 | 94.7 | 95.7 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1000 | 52.6 | 93.7 | 94.6 | 95.5 | 96.5 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 52.7 | 94.1 | 95.1 | 95.9 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 800 | 52.9 | 94.4 | 95.5 | 96.3 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 52.8 | 94.9 | 96.1 | 96.9 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 53.1 | 95.7 | 96.8 | 97.6 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 53.2 | 95.8 | 97.1 | 98.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 53.2 | 96.0 | 97.5 | 98.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 53.2 | 96.1 | 97.6 | 98.5 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 53.2 | 96.2 | 97.7 | 98.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 53.2 | 96.2 | 97.7 | 98.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 53.2 | 96.2 | 97.7 | 98.6 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

ALL (HOURS L.S.T.)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.5 | 53.5 | 55.2 | 56.2 | 56.9 | 57.2 | 57.4 | 57.6 | 57.7 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 | 58.0 | 58.2 |
| ≥ 20000 | 33.5 | 62.2 | 64.2 | 65.3 | 66.1 | 66.4 | 66.7 | 66.9 | 67.[illegible] | 67.[illegible] | 67.1 | 67.1 | 67.2 | 67.3 | 67.4 | 67.6 |
| ≥ 18000 | 33.5 | 62.3 | 64.3 | 65.4 | 66.1 | 66.5 | 66.7 | 66.9 | 67.1 | 67.1 | 67.2 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 |
| ≥ 16000 | 33.6 | 62.3 | 64.3 | 65.4 | 66.2 | 66.5 | 66.8 | 67.0 | 67.1 | 67.2 | 67.3 | 67.3 | 67.4 | 67.5 | 67.6 | 67.7 |
| ≥ 14000 | 33.9 | 63.0 | 65.0 | 66.1 | 66.8 | 67.2 | 67.4 | 67.6 | 67.8 | 67.8 | 67.9 | 67.9 | 68.0 | 68.1 | 68.2 | 68.3 |
| ≥ 12000 | 34. | 64.0 | 66.0 | 67.1 | 67.9 | 68.2 | 68.5 | 68.7 | 69.[illegible] | 68.9 | 69.9 | 68.9 | 69.1 | 69.2 | 69.3 | 69.4 |
| ≥ 10000 | 36.1 | 67.7 | 69.8 | 71.0 | 71.9 | 72.2 | 72.5 | 72.7 | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.3 | 73.5 |
| ≥ 9000 | 36.5 | 68.3 | 70.4 | 71.6 | 72.5 | 72.3 | 73.1 | 73.3 | 73.5 | 73.5 | 73.6 | 73.6 | 73.7 | 73.8 | 73.9 | 74.1 |
| ≥ 8000 | 37.7 | 71.0 | 73.2 | 74.5 | 75.5 | 75.8 | 76.1 | 76.4 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 | 77.0 | 77.2 |
| ≥ 7000 | 38.1 | 72.1 | 74.3 | 75.7 | 76.7 | 77.0 | 77.4 | 77.6 | 77.8 | 77.8 | 77.9 | 77.9 | 78.1 | 78.2 | 78.3 | 78.4 |
| ≥ 6000 | 38.5 | 73.7 | 76.1 | 77.6 | 78.7 | 79.0 | 79.4 | 79.6 | 79.8 | 79.9 | 80.0 | 80.0 | 80.1 | 80.2 | 80.3 | 80.5 |
| ≥ 5000 | 39.0 | 74.8 | 77.5 | 79.1 | 80.2 | 80.6 | 81.0 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.7 | 81.8 | 82.0 | 82.1 |
| ≥ 4500 | 39.3 | 75.5 | 78.1 | 79.8 | 80.9 | 81.3 | 81.7 | 81.9 | 82.1 | 82.2 | 82.3 | 82.3 | 82.4 | 82.5 | 82.6 | 82.8 |
| ≥ 4000 | 39.9 | 77.1 | 79.9 | 81.7 | 82.9 | 83.3 | 83.7 | 84.0 | 84.1 | 84.2 | 84.3 | 84.3 | 84.4 | 84.5 | 84.7 | 84.8 |
| ≥ 3500 | 40.3 | 77.7 | 80.6 | 82.4 | 83.6 | 84.1 | 84.4 | 84.7 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 | 85.3 | 85.4 | 85.6 |
| ≥ 3000 | 40.7 | 78.9 | 81.9 | 83.7 | 85.0 | 85.4 | 85.8 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.6 | 86.7 | 86.8 | 86.9 |
| ≥ 2500 | 41.1 | 79.8 | 82.8 | 84.7 | 85.9 | 86.4 | 86.8 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.7 | 87.8 | 87.9 |
| ≥ 2000 | 41.5 | 80.9 | 84.0 | 86.0 | 87.3 | 87.8 | 88.3 | 88.6 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.2 | 89.3 | 89.5 |
| ≥ 1800 | 41.7 | 81.4 | 84.6 | 86.5 | 87.8 | 88.4 | 88.8 | 89.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 | 89.9 | 90.0 |
| ≥ 1500 | 42.[illegible] | 82.3 | 85.6 | 87.6 | 89.0 | 89.5 | 89.9 | 90.3 | 90.[illegible] | 90.6 | 90.6 | 90.6 | 90.8 | 90.9 | 91.0 | 91.2 |
| ≥ 1200 | 42.4 | 83.7 | 87.1 | 89.2 | 90.6 | 91.2 | 91.6 | 92.0 | 92.2 | 92.3 | 92.4 | 92.4 | 92.6 | 92.7 | 92.8 | 92.9 |
| ≥ 1000 | 42.7 | 84.4 | 87.8 | 90.1 | 91.5 | 92.1 | 92.5 | 92.9 | 93.1 | 93.2 | 93.3 | 93.3 | 93.5 | 93.6 | 93.7 | 93.9 |
| ≥ 900 | 42.9 | 85.1 | 88.6 | 90.9 | 92.4 | 93.0 | 93.4 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.4 | 94.5 | 94.7 | 94.8 |
| ≥ 800 | 43.0 | 85.7 | 89.2 | 91.0 | 93.1 | 93.7 | 94.2 | 94.6 | 94.8 | 94.9 | 95.1 | 95.1 | 95.3 | 95.3 | 95.5 | 95.6 |
| ≥ 700 | 43.1 | 86.3 | 89.8 | 92.3 | 93.9 | 94.5 | 95.0 | 95.4 | 95.7 | 95.8 | 95.9 | 95.9 | 96.1 | 96.2 | 96.3 | 96.4 |
| ≥ 600 | 43.2 | 86.7 | 90.4 | 92.9 | 94.5 | 95.1 | 95.7 | 96.2 | 96.5 | 96.6 | 96.7 | 96.7 | 96.9 | 97.0 | 97.1 | 97.2 |
| ≥ 500 | 43.3 | 86.9 | 90.7 | 93.3 | 95.0 | 95.7 | 96.2 | 96.8 | 97.1 | 97.2 | 97.3 | 97.4 | 97.6 | 97.7 | 97.8 | 97.9 |
| ≥ 400 | 43.3 | 87.0 | 90.9 | 93.5 | 95.2 | 96.0 | 96.6 | 97.2 | 97.6 | 97.7 | 97.8 | 97.8 | 98.0 | 98.2 | 98.3 | 98.4 |
| ≥ 300 | 43.3 | 87.1 | 9[illegible].9 | 93.6 | 95.4 | 96.2 | 96.8 | 97.5 | 97.9 | 98.0 | 98.1 | 98.2 | 98.4 | 98.5 | 98.7 | 98.8 |
| ≥ 200 | 43.3 | 87.2 | 91.[illegible] | 93.7 | 95.5 | 96.4 | 97.[illegible] | 97.6 | 98.1 | 98.3 | 98.5 | 98.5 | 98.8 | 99.0 | 99.2 | 99.4 |
| ≥ 100 | 43.3 | 87.2 | 91.[illegible] | 93.7 | 95.5 | 96.4 | 97.[illegible] | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.9 | 99.1 | 99.4 | 99.7 |
| ≥ 0 | 43.3 | 87.2 | 91. | 93.7 | 95.5 | 96.4 | 97.[illegible] | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.9 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7446

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.7 | 74.8 | 76.2 | 76.9 | 77.3 | 77.6 | 77.9 | 78.0 | 78.3 | 78.3 | 78.3 | 78.4 | 78.9 | 79.1 | 79.3 | 79.3 |
| ≥ 20000 | 40.8 | 79.9 | 81.4 | 82.4 | 83.0 | 83.2 | 83.6 | 83.7 | 84.0 | 84.0 | 84.0 | 84.1 | 84.6 | 84.8 | 85.0 | 85.0 |
| ≥ 18000 | 40.8 | 79.9 | 81.4 | 82.4 | 83.0 | 83.2 | 83.6 | 83.7 | 84.0 | 84.0 | 84.0 | 84.1 | 84.6 | 84.8 | 85.0 | 85.0 |
| ≥ 16000 | 40.8 | 79.9 | 81.4 | 82.4 | 83.0 | 83.2 | 83.6 | 83.7 | 84.0 | 84.0 | 84.0 | 84.1 | 84.6 | 84.8 | 85.0 | 85.0 |
| ≥ 14000 | 40.9 | 80.1 | 81.7 | 82.7 | 83.2 | 83.4 | 83.8 | 83.9 | 84.2 | 84.2 | 84.2 | 84.3 | 84.8 | 85.0 | 85.2 | 85.2 |
| ≥ 12000 | 41.3 | 81.0 | 82.6 | 83.7 | 84.2 | 84.4 | 84.8 | 84.9 | 85.2 | 85.2 | 85.4 | 85.6 | 86.0 | 86.2 | 86.6 | 86.6 |
| ≥ 10000 | 42.6 | 84.1 | 85.7 | 86.8 | 87.4 | 87.8 | 88.1 | 88.2 | 88.6 | 88.6 | 88.8 | 88.9 | 89.3 | 89.6 | 89.9 | 89.9 |
| ≥ 9000 | 43.0 | 84.9 | 86.4 | 87.6 | 88.2 | 88.6 | 88.9 | 89.0 | 89.3 | 89.3 | 89.6 | 89.7 | 90.1 | 90.3 | 90.7 | 90.7 |
| ≥ 8000 | 43.4 | 85.8 | 87.4 | 88.9 | 89.8 | 90.1 | 90.4 | 90.6 | 90.9 | 90.9 | 91.1 | 91.2 | 91.7 | 91.9 | 92.2 | 92.2 |
| ≥ 7000 | 43.4 | 85.9 | 87.6 | 89.0 | 89.9 | 90.2 | 90.6 | 90.7 | 91.0 | 91.0 | 91.2 | 91.3 | 91.8 | 92.0 | 92.3 | 92.3 |
| ≥ 6000 | 43.8 | 87.0 | 88.7 | 90.1 | 91.0 | 91.3 | 91.7 | 91.8 | 92.1 | 92.1 | 92.3 | 92.4 | 92.9 | 93.1 | 93.4 | 93.4 |
| ≥ 5000 | 43.8 | 87.3 | 89.0 | 90.4 | 91.3 | 91.7 | 92.0 | 92.1 | 92.4 | 92.4 | 92.7 | 92.8 | 93.2 | 93.4 | 93.8 | 93.8 |
| ≥ 4500 | 43.9 | 87.7 | 89.3 | 90.8 | 91.7 | 92.0 | 92.3 | 92.4 | 92.8 | 92.8 | 93.0 | 93.1 | 93.6 | 93.8 | 94.1 | 94.1 |
| ≥ 4000 | 43.9 | 88.2 | 89.9 | 91.3 | 92.2 | 92.6 | 92.9 | 93.0 | 93.3 | 93.3 | 93.6 | 93.7 | 94.1 | 94.3 | 94.7 | 94.7 |
| ≥ 3500 | 44.0 | 88.3 | 90.0 | 91.4 | 92.3 | 92.7 | 93.0 | 93.1 | 93.4 | 93.4 | 93.7 | 93.8 | 94.2 | 94.4 | 94.8 | 94.8 |
| ≥ 3000 | 44.1 | 88.4 | 90.2 | 91.7 | 92.6 | 92.9 | 93.2 | 93.3 | 93.7 | 93.7 | 93.9 | 94.0 | 94.4 | 94.7 | 95.0 | 95.0 |
| ≥ 2500 | 44.1 | 88.7 | 90.6 | 92.0 | 92.9 | 93.2 | 93.6 | 93.7 | 94.0 | 94.0 | 94.2 | 94.3 | 94.8 | 95.0 | 95.3 | 95.3 |
| ≥ 2000 | 44.3 | 89.0 | 90.9 | 92.3 | 93.2 | 93.6 | 93.9 | 94.0 | 94.3 | 94.3 | 94.6 | 94.7 | 95.1 | 95.3 | 95.7 | 95.7 |
| ≥ 1800 | 44.3 | 89.1 | 91.2 | 92.7 | 93.6 | 93.9 | 94.2 | 94.4 | 94.8 | 94.8 | 95.0 | 95.1 | 95.6 | 95.8 | 96.1 | 96.1 |
| ≥ 1500 | 44.3 | 89.3 | 91.6 | 93.0 | 93.9 | 94.2 | 94.6 | 94.8 | 95.1 | 95.1 | 95.3 | 95.4 | 95.9 | 96.1 | 96.4 | 96.4 |
| ≥ 1200 | 44.3 | 89.6 | 91.8 | 93.2 | 94.1 | 94.4 | 94.8 | 95.0 | 95.3 | 95.3 | 95.6 | 95.7 | 96.1 | 96.3 | 96.7 | 96.7 |
| ≥ 1000 | 44.3 | 89.8 | 92.0 | 93.4 | 94.3 | 94.7 | 95.0 | 95.2 | 95.6 | 95.6 | 95.8 | 95.9 | 96.3 | 96.6 | 96.9 | 96.9 |
| ≥ 900 | 44.4 | 89.9 | 92.1 | 93.6 | 94.4 | 94.8 | 95.1 | 95.3 | 95.7 | 95.7 | 95.9 | 96.0 | 96.4 | 96.7 | 97.0 | 97.0 |
| ≥ 800 | 44.4 | 90.2 | 92.4 | 94.1 | 95.0 | 95.3 | 95.7 | 95.9 | 96.2 | 96.2 | 96.4 | 96.6 | 97.0 | 97.2 | 97.6 | 97.6 |
| ≥ 700 | 44.4 | 90.3 | 92.6 | 94.2 | 95.1 | 95.4 | 95.8 | 96.0 | 96.3 | 96.3 | 96.6 | 96.7 | 97.1 | 97.3 | 97.7 | 97.7 |
| ≥ 600 | 44.4 | 90.4 | 92.8 | 94.4 | 95.3 | 95.7 | 96.0 | 96.3 | 96.7 | 96.7 | 96.9 | 97.0 | 97.4 | 97.7 | 98.0 | 98.0 |
| ≥ 500 | 44.4 | 90.6 | 93.2 | 94.9 | 95.8 | 96.1 | 96.4 | 96.8 | 97.1 | 97.1 | 97.3 | 97.4 | 97.9 | 98.1 | 98.4 | 98.4 |
| ≥ 400 | 44.4 | 90.9 | 93.5 | 95.2 | 96.2 | 96.6 | 96.9 | 97.2 | 97.6 | 97.6 | 97.8 | 97.9 | 98.3 | 98.6 | 98.9 | 98.9 |
| ≥ 300 | 44.4 | 91.0 | 93.7 | 95.3 | 96.3 | 96.7 | 97.0 | 97.3 | 97.7 | 97.7 | 97.9 | 98.0 | 98.6 | 98.8 | 99.1 | 99.1 |
| ≥ 200 | 44.4 | 91.4 | 94.1 | 95.9 | 96.9 | 97.2 | 97.6 | 97.9 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.4 | 99.8 | 99.8 |
| ≥ 100 | 44.4 | 91.4 | 94.1 | 95.9 | 96.9 | 97.2 | 97.6 | 97.9 | 98.2 | 98.3 | 98.6 | 98.7 | 99.2 | 99.4 | 99.8 | 99.8 |
| ≥ 0 | 44.4 | 91.4 | 94.1 | 95.9 | 96.9 | 97.2 | 97.6 | 97.9 | 98.2 | 98.3 | 98.6 | 98.7 | 99.3 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0600 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.1 | 52.3 | 57.3 | 6[illegible].5 | 63.8 | 64.4 | 66.0 | 66.5 | 66.7 | 67.5 | 68.0 | 68.0 | 68.5 | 68.5 | 69.0 | 69.6 |
| ≥ 20000 | 22.6 | 58.2 | 64.3 | 68.5 | 72.2 | 72.7 | 74.7 | 75.5 | 75.8 | 76.6 | 77.1 | 77.1 | 77.6 | 77.6 | 78.2 | 78.9 |
| ≥ 18000 | 22.6 | 58.2 | 64.3 | 68.5 | 72.2 | 72.7 | 74.7 | 75.5 | 75.8 | 76.6 | 77.1 | 77.1 | 77.6 | 77.6 | 78.2 | 78.9 |
| ≥ 16000 | 22.6 | 58.2 | 64.3 | 68.5 | 72.2 | 72.7 | 74.7 | 75.5 | 75.8 | 76.6 | 77.1 | 77.1 | 77.6 | 77.6 | 78.2 | 78.9 |
| ≥ 14000 | 22.7 | 58.6 | 64.7 | 69.0 | 72.6 | 73.2 | 75.2 | 76.0 | 76.2 | 77.1 | 77.5 | 77.5 | 78.1 | 78.1 | 78.6 | 79.3 |
| ≥ 12000 | 23.5 | 59.6 | 65.7 | 70.0 | 73.7 | 74.3 | 76.3 | 77.2 | 77.4 | 78.3 | 78.8 | 78.8 | 79.3 | 79.3 | 79.9 | 80.5 |
| ≥ 10000 | 24.6 | 62.3 | 68.6 | 73.1 | 76.9 | 77.4 | 79.4 | 80.3 | 80.5 | 81.4 | 81.9 | 81.9 | 82.5 | 82.6 | 83.2 | 83.9 |
| ≥ 9000 | 24.6 | 62.5 | 69.0 | 73.4 | 77.2 | 77.8 | 79.8 | 80.6 | 80.9 | 81.8 | 82.3 | 82.3 | 83.0 | 83.1 | 83.6 | 84.3 |
| ≥ 8000 | 24.7 | 63.1 | 69.5 | 74.1 | 78.1 | 79.0 | 81.2 | 82.2 | 82.6 | 83.5 | 84.1 | 84.1 | 84.8 | 84.9 | 85.4 | 86.1 |
| ≥ 7000 | 24.7 | 63.1 | 69.5 | 74.1 | 78.2 | 79.1 | 81.3 | 82.3 | 82.8 | 83.6 | 84.2 | 84.2 | 84.9 | 85.0 | 85.5 | 86.2 |
| ≥ 6000 | 24.9 | 63.5 | 70.1 | 74.5 | 78.8 | 79.6 | 81.9 | 82.9 | 83.3 | 84.2 | 84.8 | 84.8 | 85.4 | 85.5 | 86.1 | 86.8 |
| ≥ 5000 | 25.0 | 64.1 | 70.6 | 75.2 | 79.6 | 80.5 | 82.8 | 83.8 | 84.2 | 85.1 | 85.7 | 85.7 | 86.4 | 86.5 | 87.2 | 87.9 |
| ≥ 4500 | 25.4 | 64.6 | 71.2 | 75.8 | 80.3 | 81.2 | 83.4 | 84.4 | 84.9 | 85.8 | 86.3 | 86.3 | 87.1 | 87.2 | 87.9 | 88.5 |
| ≥ 4000 | 25.5 | 65.1 | 71.6 | 76.2 | 80.9 | 81.8 | 84.0 | 85.1 | 85.5 | 86.4 | 87.0 | 87.0 | 87.8 | 87.9 | 88.5 | 89.2 |
| ≥ 3500 | 25.6 | 65.2 | 71.9 | 76.4 | 81.1 | 82.0 | 84.2 | 85.3 | 85.8 | 86.7 | 87.2 | 87.2 | 88.0 | 88.1 | 88.8 | 89.4 |
| ≥ 3000 | 25.7 | 65.9 | 72.5 | 77.1 | 81.8 | 82.6 | 84.9 | 86.0 | 86.4 | 87.3 | 87.9 | 87.9 | 88.7 | 88.8 | 89.4 | 90.1 |
| ≥ 2500 | 25.8 | 66.2 | 72.9 | 77.4 | 82.1 | 83.0 | 85.2 | 86.3 | 86.8 | 87.7 | 88.2 | 88.2 | 89.0 | 89.1 | 89.8 | 90.4 |
| ≥ 2000 | 25.9 | 66.7 | 73.4 | 78.0 | 82.6 | 83.5 | 85.8 | 86.9 | 87.3 | 88.2 | 88.8 | 88.8 | 89.5 | 89.7 | 90.3 | 91.0 |
| ≥ 1800 | 25.9 | 67.0 | 73.6 | 78.2 | 82.9 | 83.8 | 86.0 | 87.1 | 87.5 | 88.4 | 89.0 | 89.0 | 89.8 | 89.9 | 90.7 | 91.3 |
| ≥ 1500 | 26.0 | 67.3 | 74.0 | 78.5 | 83.3 | 84.2 | 86.4 | 87.5 | 88.0 | 88.9 | 89.4 | 89.4 | 90.2 | 90.3 | 91.1 | 91.8 |
| ≥ 1200 | 26.0 | 67.3 | 74.0 | 78.5 | 83.3 | 84.2 | 86.5 | 87.8 | 88.2 | 89.1 | 89.7 | 89.7 | 90.4 | 90.5 | 91.3 | 92.0 |
| ≥ 1000 | 26.1 | 67.5 | 74.2 | 78.8 | 83.5 | 84.4 | 86.8 | 88.0 | 88.4 | 89.3 | 89.9 | 89.9 | 90.7 | 90.8 | 91.5 | 92.2 |
| ≥ 900 | 26.1 | 67.6 | 74.4 | 79.0 | 83.8 | 84.6 | 87.0 | 88.3 | 88.8 | 89.7 | 90.2 | 90.2 | 91.0 | 91.1 | 91.9 | 92.5 |
| ≥ 800 | 26.1 | 67.6 | 74.4 | 79.2 | 84.0 | 84.9 | 87.2 | 88.5 | 89.0 | 89.9 | 90.4 | 90.4 | 91.2 | 91.3 | 92.1 | 92.8 |
| ≥ 700 | 26.1 | 68.0 | 74.7 | 79.8 | 84.5 | 85.4 | 87.8 | 89.2 | 89.7 | 90.5 | 91.1 | 91.1 | 91.9 | 92.0 | 92.8 | 93.4 |
| ≥ 600 | 26.1 | 68.1 | 74.9 | 80.1 | 85.0 | 85.9 | 88.2 | 89.7 | 90.1 | 91.0 | 91.5 | 91.5 | 92.3 | 92.4 | 93.2 | 93.9 |
| ≥ 500 | 26.1 | 68.5 | 75.6 | 81.1 | 86.0 | 87.0 | 89.3 | 90.8 | 91.2 | 92.1 | 92.7 | 92.7 | 93.4 | 93.5 | 94.3 | 95.0 |
| ≥ 400 | 26.3 | 68.9 | 76.1 | 81.5 | 86.5 | 87.7 | 90.0 | 91.4 | 91.9 | 92.8 | 93.3 | 93.3 | 94.1 | 94.2 | 95.0 | 95.7 |
| ≥ 300 | 26.3 | 69.2 | 76.5 | 82.1 | 87.1 | 88.5 | 91.1 | 92.7 | 93.2 | 94.2 | 94.9 | 94.9 | 95.7 | 95.9 | 96.8 | 97.7 |
| ≥ 200 | 26.3 | 69.4 | 76.8 | 82.4 | 87.4 | 88.9 | 91.5 | 93.1 | 93.7 | 94.7 | 95.4 | 95.6 | 96.4 | 96.8 | 97.8 | 98.8 |
| ≥ 100 | 26.3 | 69.4 | 76.8 | 82.4 | 87.4 | 88.9 | 91.5 | 93.1 | 93.7 | 94.7 | 95.4 | 95.6 | 96.7 | 97.1 | 98.3 | 99.6 |
| ≥ 0 | 26.3 | 69.4 | 76.8 | 82.4 | 87.4 | 88.9 | 91.5 | 93.1 | 93.7 | 94.7 | 95.4 | 95.6 | 96.7 | 97.0 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 899

USAF 51AC FORM JUL 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13250 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.9 | 46.8 | 53.6 | 56.6 | 59.6 | 60.1 | 60.7 | 61.7 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.6 | 62.7 |
| ≥ 20000 | 14.7 | 52.3 | 59.7 | 63.3 | 66.9 | 67.7 | 68.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 69.8 | 70.1 | 70.2 |
| ≥ 18000 | 14.7 | 52.3 | 59.7 | 63.3 | 66.9 | 67.7 | 68.2 | 69.2 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 70.1 | 70.2 |
| ≥ 16000 | 14.7 | 52.8 | 60.1 | 63.9 | 67.4 | 68.2 | 68.8 | 69.8 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.7 | 70.8 |
| ≥ 14000 | 14.7 | 53.2 | 60.6 | 64.3 | 67.9 | 68.7 | 69.2 | 70.2 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 71.1 | 71.2 |
| ≥ 12000 | 15.2 | 54.8 | 62.3 | 66.2 | 69.8 | 70.6 | 71.1 | 72.1 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 73.0 | 73.1 |
| ≥ 10000 | 15.6 | 57.2 | 65.0 | 69.4 | 73.2 | 74.0 | 74.6 | 75.7 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.7 | 76.8 |
| ≥ 9000 | 15.7 | 57.8 | 65.7 | 70.2 | 74.0 | 74.8 | 75.3 | 76.4 | 76.9 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.4 | 77.6 |
| ≥ 8000 | 15.7 | 58.4 | 66.8 | 71.3 | 75.3 | 76.2 | 76.8 | 78.0 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.2 | 79.3 |
| ≥ 7000 | 15.7 | 58.6 | 67.0 | 71.6 | 75.6 | 76.4 | 77.0 | 78.2 | 78.9 | 79.0 | 79.2 | 79.2 | 79.2 | 79.3 | 79.7 | 79.9 |
| ≥ 6000 | 15.8 | 58.9 | 67.3 | 71.9 | 75.9 | 76.8 | 77.3 | 78.6 | 79.2 | 79.3 | 79.6 | 79.6 | 79.6 | 79.7 | 80.0 | 80.2 |
| ≥ 5000 | 15.9 | 59.2 | 67.9 | 72.4 | 76.6 | 77.4 | 78.0 | 79.2 | 79.9 | 80.0 | 80.2 | 80.2 | 80.2 | 80.3 | 80.7 | 80.9 |
| ≥ 4500 | 16.1 | 59.4 | 68.1 | 72.7 | 76.8 | 77.7 | 78.2 | 79.4 | 80.1 | 80.2 | 80.4 | 80.4 | 80.4 | 80.6 | 80.9 | 81.1 |
| ≥ 4000 | 16.3 | 60.3 | 68.8 | 73.3 | 77.7 | 78.6 | 79.1 | 80.3 | 81.0 | 81.1 | 81.3 | 81.3 | 81.3 | 81.4 | 81.8 | 82.0 |
| ≥ 3500 | 16.0 | 60.1 | 68.9 | 73.4 | 77.9 | 78.8 | 79.3 | 80.6 | 81.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.7 | 82.0 | 82.2 |
| ≥ 3000 | 16.0 | 60.2 | 69.0 | 73.6 | 78.0 | 78.9 | 79.4 | 80.7 | 81.3 | 81.4 | 81.7 | 81.7 | 81.7 | 81.8 | 82.1 | 82.3 |
| ≥ 2500 | 16.1 | 60.9 | 69.7 | 74.2 | 79.7 | 79.6 | 80.1 | 81.3 | 82.0 | 82.1 | 82.3 | 82.3 | 82.3 | 82.4 | 82.8 | 83.0 |
| ≥ 2000 | 16.2 | 61.3 | 70.2 | 74.8 | 79.2 | 80.1 | 80.8 | 82.0 | 82.7 | 82.8 | 83.0 | 83.0 | 83.0 | 83.1 | 83.4 | 83.7 |
| ≥ 1800 | 16.2 | 61.4 | 70.4 | 75.0 | 79.4 | 80.3 | 81.0 | 82.2 | 82.9 | 83.0 | 83.2 | 83.2 | 83.2 | 83.3 | 83.7 | 83.9 |
| ≥ 1500 | 16.6 | 62.6 | 71.6 | 76.1 | 80.6 | 81.4 | 82.1 | 83.3 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.4 | 84.8 | 85.1 |
| ≥ 1200 | 16.7 | 63.3 | 72.6 | 77.2 | 82.0 | 83.0 | 83.7 | 84.9 | 85.6 | 85.7 | 85.9 | 85.9 | 85.9 | 86.0 | 86.3 | 86.6 |
| ≥ 1000 | 17.0 | 65.0 | 74.3 | 79.3 | 84.2 | 85.4 | 86.1 | 87.3 | 88.0 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 | 88.8 | 89.0 |
| ≥ 900 | 17.1 | 65.9 | 75.4 | 80.4 | 85.4 | 86.7 | 87.3 | 88.6 | 89.2 | 89.4 | 89.7 | 89.7 | 89.7 | 89.8 | 90.1 | 90.3 |
| ≥ 800 | 17.2 | 66.3 | 76.3 | 81.7 | 86.7 | 88.0 | 88.7 | 89.9 | 90.6 | 90.8 | 91.0 | 91.0 | 91.0 | 91.1 | 91.4 | 91.7 |
| ≥ 700 | 17.4 | 67.0 | 77.2 | 82.9 | 88.1 | 89.7 | 90.3 | 91.6 | 92.2 | 92.4 | 92.7 | 92.7 | 92.8 | 92.9 | 93.2 | 93.4 |
| ≥ 600 | 17.4 | 67.3 | 77.8 | 83.7 | 88.9 | 90.6 | 91.3 | 92.7 | 93.3 | 93.6 | 93.8 | 93.8 | 93.9 | 94.0 | 94.3 | 94.6 |
| ≥ 500 | 17.4 | 67.7 | 78.1 | 84.4 | 89.8 | 91.6 | 92.4 | 93.8 | 94.4 | 94.7 | 94.9 | 94.9 | 95.0 | 95.1 | 95.4 | 95.7 |
| ≥ 400 | 17.4 | 68.1 | 78.6 | 85.1 | 90.4 | 92.3 | 93.2 | 94.6 | 95.3 | 95.6 | 95.8 | 95.8 | 95.9 | 96.0 | 96.3 | 96.6 |
| ≥ 300 | 17.4 | 68.1 | 78.7 | 85.2 | 90.8 | 92.7 | 94.0 | 95.6 | 96.4 | 96.9 | 97.3 | 97.3 | 97.4 | 97.6 | 98.0 | 98.2 |
| ≥ 200 | 17.4 | 68.1 | 78.7 | 85.2 | 90.8 | 92.7 | 94.0 | 95.6 | 96.6 | 97.3 | 98.0 | 98.0 | 98.3 | 98.4 | 98.9 | 99.3 |
| ≥ 100 | 17.4 | 68.1 | 78.7 | 85.2 | 90.8 | 92.7 | 94.0 | 95.7 | 96.7 | 97.4 | 98.1 | 98.1 | 98.4 | 98.7 | 99.3 | 99.9 |
| ≥ 0 | 17.4 | 68.1 | 78.7 | 85.2 | 90.8 | 92.7 | 94.0 | 95.7 | 96.7 | 97.4 | 98.1 | 98.1 | 98.4 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3450 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.3 | 61.1 | 63.3 | 63.8 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 20000 | 31.1 | 72.3 | 74.7 | 75.3 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 18000 | 31.1 | 72.3 | 74.7 | 75.3 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 16000 | 31.2 | 72.4 | 74.8 | 75.4 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 14000 | 31.4 | 73.2 | 75.6 | 76.2 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 12000 | 32.4 | 75.3 | 77.7 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 10000 | 34.1 | 79.3 | 81.8 | 82.4 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 9000 | 34.1 | 80.1 | 82.6 | 83.2 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 8000 | 34.4 | 81.0 | 83.6 | 84.2 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 7000 | 34.6 | 81.4 | 84.0 | 84.7 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 6000 | 34.6 | 81.4 | 84.0 | 84.7 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 5000 | 34.7 | 82.1 | 84.7 | 85.4 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 4500 | 34.3 | 82.4 | 85.2 | 86.0 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 4000 | 35.0 | 82.9 | 85.7 | 86.4 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 3500 | 35.2 | 83.3 | 86.1 | 86.9 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 3000 | 35.6 | 84.9 | 87.8 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2500 | 36.8 | 86.2 | 89.1 | 89.9 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2000 | 37.4 | 88.7 | 91.7 | 92.7 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 37.7 | 89.4 | 92.4 | 93.4 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1500 | 38.0 | 90.7 | 93.8 | 94.8 | 95.2 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 38.4 | 92.2 | 95.3 | 97.0 | 97.4 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 38.6 | 92.8 | 96.4 | 97.7 | 98.1 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 900 | 38.6 | 93.1 | 96.9 | 98.1 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 38.6 | 93.2 | 97.1 | 98.4 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 38.6 | 93.3 | 97.2 | 98.6 | 99.0 | 99.3 | 99.3 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 38.6 | 93.4 | 97.3 | 98.7 | 99.1 | 99.4 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

(3385) STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.3 | 57.6 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 20000 | 37.4 | 74.1 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 18000 | 37.4 | 74.1 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 16000 | 37.4 | 74.1 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 14000 | 37.6 | 74.3 | 75.9 | 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 |
| ≥ 12000 | 38.3 | 76.1 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 10000 | 39.8 | 80.1 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 9000 | 39.8 | 80.6 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 8000 | 40.2 | 82.4 | 84.1 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 7000 | 40.3 | 82.9 | 84.6 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 6000 | 40.9 | 83.9 | 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 |
| ≥ 5000 | 41.9 | 85.6 | 87.3 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4500 | 42.6 | 86.8 | 88.8 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 4000 | 44.0 | 89.3 | 91.3 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 3500 | 44.9 | 91.7 | 92.7 | 93.1 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 3000 | 45.2 | 93.1 | 95.2 | 95.8 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2500 | 45.9 | 94.2 | 96.4 | 97.0 | 97.6 | 97.6 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 46.3 | 94.7 | 97.0 | 97.6 | 98.1 | 98.1 | 98.2 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 46.0 | 95.1 | 97.4 | 98.0 | 98.6 | 98.6 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1500 | 46.1 | 95.2 | 97.6 | 98.1 | 98.7 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 46.1 | 95.2 | 97.6 | 98.1 | 98.7 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 46.1 | 95.3 | 97.6 | 98.1 | 98.7 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 46.1 | 95.2 | 97.6 | 98.1 | 98.7 | 98.7 | 98.8 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 46.1 | 95.2 | 97.6 | 98.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 46.1 | 95.2 | 97.6 | 98.1 | 98.7 | 98.8 | 98.9 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 46.1 | 95.2 | 97.6 | 98.1 | 98.8 | 98.9 | 99.0 | 99.3 | 99.4 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.6 | 55.9 | 57.2 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 37.4 | 72.6 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 18000 | 37.4 | 73.0 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 16000 | 37.4 | 73.0 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 14000 | 37.6 | 73.1 | 74.8 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 12000 | 38.2 | 74.4 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 10000 | 40.7 | 81.0 | 82.9 | 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 |
| ≥ 9000 | 41.1 | 81.9 | 83.8 | 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 |
| ≥ 8000 | 42.4 | 84.9 | 86.8 | 87.3 | 87.3 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 7000 | 42.8 | 85.4 | 87.3 | 87.9 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 6000 | 43.2 | 86.1 | 88.1 | 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 |
| ≥ 5000 | 44.1 | 87.8 | 89.9 | 90.7 | 90.8 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 4500 | 44.7 | 88.9 | 91.0 | 91.9 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 4000 | 45.1 | 89.2 | 92.6 | 93.4 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 3500 | 45.7 | 91.4 | 93.8 | 94.7 | 95.0 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3000 | 45.9 | 92.7 | 95.1 | 96.1 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2500 | 46.1 | 93.9 | 96.3 | 97.3 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2000 | 46.1 | 94.4 | 96.9 | 98.0 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1800 | 46.1 | 94.4 | 96.9 | 98.0 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 46.3 | 94.6 | 97.1 | 98.4 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1200 | 46.3 | 94.7 | 97.2 | 98.6 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 1000 | 46.3 | 94.7 | 97.2 | 98.6 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 900 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 800 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 700 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 46.2 | 94.7 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2600 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.6 | 55.9 | 56.7 | 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 |
| ≥ 20000 | 39.4 | 74.1 | 75.2 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 18000 | 39.4 | 74.1 | 75.3 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 16000 | 39.4 | 74.2 | 75.4 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 14000 | 39.6 | 74.4 | 75.8 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 12000 | 40.4 | 75.7 | 77.2 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 10000 | 42.8 | 83.8 | 85.6 | 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 |
| ≥ 9000 | 43.6 | 85.0 | 86.8 | 87.3 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 8000 | 44.2 | 87.6 | 89.3 | 89.9 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 7000 | 44.6 | 88.2 | 90.0 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 6000 | 44.9 | 89.0 | 91.0 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 5000 | 45.4 | 90.3 | 92.3 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 4500 | 45.7 | 90.9 | 92.9 | 93.6 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 4000 | 45.7 | 91.8 | 94.1 | 95.0 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3500 | 46.1 | 92.7 | 95.1 | 96.0 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 46.4 | 93.7 | 96.3 | 97.2 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2500 | 46.4 | 94.0 | 96.8 | 97.7 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 2000 | 46.4 | 94.3 | 97.1 | 98.0 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 46.4 | 94.3 | 97.1 | 98.0 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 46.4 | 94.3 | 97.1 | 98.0 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 46.4 | 94.3 | 97.1 | 98.1 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 1000 | 46.4 | 94.3 | 97.1 | 98.1 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 46.4 | 94.4 | 97.2 | 98.2 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 46.4 | 94.4 | 97.2 | 98.2 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 46.4 | 94.4 | 97.2 | 98.2 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 46.4 | 94.4 | 97.2 | 98.2 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 46.4 | 94.4 | 97.2 | 98.3 | 99.2 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 46.4 | 94.6 | 97.4 | 98.6 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 46.4 | 94.6 | 97.4 | 98.6 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 46.4 | 94.6 | 97.4 | 98.6 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 46.4 | 94.6 | 97.4 | 98.6 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 46.4 | 94.6 | 97.4 | 98.6 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.8 | 75.0 | 75.6 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 20000 | 47.1 | 83.9 | 84.8 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 18000 | 47.1 | 83.9 | 84.8 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 16000 | 47.1 | 83.9 | 84.8 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 14000 | 47.2 | 84.2 | 85.1 | 85.6 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 12000 | 47.7 | 85.1 | 86.1 | 86.6 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 10000 | 50.0 | 89.4 | 90.6 | 91.1 | 91.4 | 91.4 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 9000 | 50.0 | 89.7 | 90.8 | 91.3 | 91.7 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 8000 | 50.6 | 90.6 | 91.8 | 92.4 | 92.8 | 92.8 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 7000 | 51.1 | 91.3 | 92.4 | 93.1 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 6000 | 51.3 | 91.9 | 93.1 | 93.8 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 5000 | 51.3 | 92.3 | 93.6 | 94.2 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 4500 | 51.3 | 92.9 | 94.1 | 94.8 | 95.1 | 95.1 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 4000 | 51.6 | 94.2 | 95.7 | 96.3 | 96.8 | 96.8 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 3500 | 51.7 | 95.0 | 96.4 | 97.1 | 97.6 | 97.6 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 3000 | 51.8 | 95.2 | 96.8 | 97.6 | 98.1 | 98.1 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2500 | 51.8 | 95.2 | 96.8 | 97.6 | 98.2 | 98.2 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 2000 | 51.8 | 95.8 | 97.3 | 98.1 | 98.8 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1800 | 51.9 | 95.8 | 97.3 | 98.1 | 98.8 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1500 | 51.9 | 95.9 | 97.4 | 98.2 | 98.9 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1200 | 51.8 | 95.9 | 97.4 | 98.2 | 98.9 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 51.8 | 96.0 | 97.6 | 98.3 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 51.8 | 96.0 | 97.6 | 98.3 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 51.9 | 96.0 | 97.6 | 98.3 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 51.9 | 96.0 | 97.6 | 98.3 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 51.9 | 96.0 | 97.7 | 98.4 | 99.1 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 51.8 | 96.1 | 97.8 | 98.6 | 99.2 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 51.9 | 96.2 | 99.0 | 98.8 | 99.4 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 51.8 | 96.2 | 98.0 | 98.8 | 99.4 | 99.4 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 51.8 | 96.2 | 98.0 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 51.8 | 96.2 | 98.1 | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 51.8 | 96.2 | 98. | 98.8 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.1 | 59.9 | 62.3 | 63.4 | 64.3 | 64.5 | 64.8 | 65.0 | 65.1 | 65.2 | 65.3 | 65.3 | 65.4 | 65.5 | 65.6 | 65.7 |
| ≥ 20000 | 33.8 | 70.9 | 73.7 | 75.1 | 76.2 | 76.4 | 76.7 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 |
| ≥ 18000 | 33.8 | 71.0 | 73.8 | 75.1 | 76.2 | 76.4 | 76.8 | 77.1 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.7 | 77.8 |
| ≥ 16000 | 33.9 | 71.1 | 73.9 | 75.2 | 76.3 | 76.5 | 76.9 | 77.1 | 77.3 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 | 77.8 | 77.9 |
| ≥ 14000 | 33.9 | 71.4 | 74.3 | 75.6 | 76.7 | 76.9 | 77.3 | 77.5 | 77.7 | 77.8 | 77.8 | 77.9 | 78.0 | 78.0 | 78.1 | 78.2 |
| ≥ 12000 | 34.6 | 72.8 | 75.7 | 77.1 | 78.2 | 78.4 | 78.8 | 79.0 | 79.1 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 | 79.7 | 79.8 |
| ≥ 10000 | 36.3 | 77.2 | 80.2 | 81.7 | 82.9 | 83.1 | 83.5 | 83.8 | 83.9 | 84.0 | 84.2 | 84.2 | 84.3 | 84.3 | 84.5 | 84.6 |
| ≥ 9000 | 36.5 | 77.8 | 80.9 | 82.4 | 83.6 | 83.8 | 84.2 | 84.5 | 84.6 | 84.7 | 84.9 | 84.9 | 85.0 | 85.1 | 85.2 | 85.3 |
| ≥ 8000 | 37.0 | 79.2 | 82.4 | 84.1 | 85.3 | 85.6 | 86.1 | 86.4 | 86.6 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 |
| ≥ 7000 | 37.1 | 79.6 | 82.8 | 84.5 | 85.7 | 86.1 | 86.5 | 86.8 | 87.0 | 87.1 | 87.2 | 87.2 | 87.4 | 87.4 | 87.6 | 87.7 |
| ≥ 6000 | 37.4 | 80.2 | 83.5 | 85.1 | 86.4 | 86.7 | 87.1 | 87.4 | 87.6 | 87.7 | 87.9 | 87.9 | 88.0 | 88.1 | 88.2 | 88.3 |
| ≥ 5000 | 37.8 | 81.1 | 84.4 | 86.2 | 87.5 | 87.8 | 88.2 | 88.5 | 88.7 | 88.8 | 89.0 | 89.0 | 89.1 | 89.2 | 89.4 | 89.5 |
| ≥ 4500 | 38.0 | 81.7 | 85.1 | 86.8 | 88.2 | 88.5 | 88.9 | 89.2 | 89.4 | 89.6 | 89.7 | 89.7 | 89.8 | 89.9 | 90.1 | 90.2 |
| ≥ 4000 | 38.3 | 82.7 | 86.2 | 88.0 | 89.5 | 89.8 | 90.2 | 90.5 | 90.7 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.4 | 91.5 |
| ≥ 3500 | 38.6 | 83.3 | 86.9 | 88.6 | 90.2 | 90.5 | 90.9 | 91.2 | 91.4 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 92.1 | 92.2 |
| ≥ 3000 | 38.9 | 84.3 | 87.9 | 89.7 | 91.3 | 91.6 | 92.0 | 92.4 | 92.6 | 92.7 | 92.9 | 92.9 | 93.1 | 93.1 | 93.3 | 93.4 |
| ≥ 2500 | 39.1 | 84.9 | 88.6 | 90.4 | 92.0 | 92.3 | 92.7 | 93.1 | 93.3 | 93.5 | 93.6 | 93.6 | 93.8 | 93.8 | 94.0 | 94.1 |
| ≥ 2000 | 39.3 | 85.6 | 89.3 | 91.2 | 92.8 | 93.1 | 93.6 | 94.0 | 94.2 | 94.4 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 |
| ≥ 1800 | 39.3 | 85.8 | 89.6 | 91.4 | 93.1 | 93.4 | 93.9 | 94.2 | 94.5 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 | 95.2 | 95.3 |
| ≥ 1500 | 39.4 | 86.2 | 90.0 | 91.9 | 93.6 | 93.9 | 94.4 | 94.7 | 95.0 | 95.1 | 95.3 | 95.3 | 95.5 | 95.5 | 95.7 | 95.8 |
| ≥ 1200 | 39.5 | 86.6 | 90.4 | 92.4 | 94.1 | 94.4 | 94.9 | 95.3 | 95.6 | 95.7 | 95.9 | 95.9 | 96.1 | 96.1 | 96.3 | 96.4 |
| ≥ 1000 | 39.6 | 86.9 | 90.8 | 92.8 | 94.5 | 94.9 | 95.4 | 95.8 | 96.0 | 96.2 | 96.4 | 96.4 | 96.5 | 96.6 | 96.8 | 96.9 |
| ≥ 900 | 39.6 | 87.1 | 91.1 | 93.1 | 94.8 | 95.2 | 95.7 | 96.1 | 96.3 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 97.1 | 97.2 |
| ≥ 800 | 39.6 | 87.2 | 91.2 | 93.3 | 95.1 | 95.5 | 96.0 | 96.4 | 96.6 | 96.8 | 97.0 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 |
| ≥ 700 | 39.6 | 87.4 | 91.4 | 93.6 | 95.4 | 95.8 | 96.3 | 96.8 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.6 | 97.8 | 97.9 |
| ≥ 600 | 39.6 | 87.5 | 91.6 | 93.8 | 95.6 | 96.0 | 96.6 | 97.0 | 97.3 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.1 | 98.2 |
| ≥ 500 | 39.6 | 87.6 | 91.8 | 94.1 | 95.9 | 96.4 | 96.9 | 97.4 | 97.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.3 | 98.5 | 98.6 |
| ≥ 400 | 39.7 | 87.7 | 92.0 | 94.3 | 96.2 | 96.7 | 97.2 | 97.7 | 98.0 | 98.2 | 98.3 | 98.3 | 98.5 | 98.6 | 98.8 | 98.9 |
| ≥ 300 | 39.7 | 87.8 | 92.1 | 94.4 | 96.3 | 96.8 | 97.5 | 98.0 | 98.3 | 98.5 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.4 |
| ≥ 200 | 39.7 | 87.9 | 92.1 | 94.5 | 96.4 | 97.0 | 97.6 | 98.1 | 98.4 | 98.7 | 99.0 | 99.0 | 99.2 | 99.3 | 99.6 | 99.7 |
| ≥ 100 | 39.7 | 87.9 | 92.1 | 94.5 | 96.4 | 97.0 | 97.6 | 98.2 | 98.4 | 98.7 | 99.0 | 99.0 | 99.3 | 99.4 | 99.7 | 99.9 |
| ≥ 0 | 39.7 | 87.9 | 92.1 | 94.5 | 96.4 | 97.0 | 97.6 | 98.2 | 98.4 | 98.7 | 99.0 | 99.0 | 99.3 | 99.4 | 99.7 | 0.0 |

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

TASC (STATION) | FT RUCKER AL (STATION NAME) | 69-70,73-80 (YEARS) | JUL (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.8 | 67.5 | 71.0 | 71.5 | 73.3 | 74.0 | 74.3 | 74.8 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 75.1 | 75.2 | 75.3 |
| ≥ 20000 | 29.2 | 73.3 | 76.7 | 79.6 | 81.5 | 81.2 | 81.6 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.7 | 82.8 | 82.9 |
| ≥ 18000 | 29.2 | 73.3 | 76.7 | 78.6 | 81.5 | 81.2 | 81.6 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.7 | 82.8 | 82.9 |
| ≥ 16000 | 29.2 | 73.3 | 76.7 | 78.6 | 81.5 | 81.2 | 81.6 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.7 | 82.8 | 82.9 |
| ≥ 14000 | 29.2 | 73.3 | 76.7 | 78.6 | 81.5 | 81.2 | 81.6 | 82.2 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.7 | 82.8 | 82.9 |
| ≥ 12000 | 30.0 | 74.6 | 78.1 | 79.9 | 81.8 | 82.5 | 82.9 | 83.6 | 83.6 | 83.6 | 83.9 | 83.9 | 83.9 | 84.1 | 84.2 | 84.3 |
| ≥ 10000 | 31.5 | 78.6 | 82.0 | 83.9 | 85.9 | 86.5 | 87.0 | 87.7 | 87.7 | 87.8 | 88.1 | 88.1 | 88.1 | 88.3 | 88.4 | 88.5 |
| ≥ 9000 | 31.5 | 79.0 | 82.5 | 84.3 | 86.3 | 87.0 | 87.4 | 88.2 | 88.2 | 88.3 | 88.5 | 88.5 | 88.5 | 88.7 | 88.8 | 88.9 |
| ≥ 8000 | 32.5 | 80.7 | 84.3 | 86.1 | 88.2 | 88.8 | 89.2 | 90.0 | 90.0 | 90.1 | 90.3 | 90.3 | 90.3 | 90.5 | 90.6 | 90.7 |
| ≥ 7000 | 32.9 | 81.5 | 85.0 | 86.9 | 88.9 | 89.6 | 90.0 | 90.7 | 90.7 | 90.9 | 91.1 | 91.1 | 91.1 | 91.3 | 91.4 | 91.5 |
| ≥ 6000 | 32.9 | 82.0 | 85.6 | 87.4 | 89.5 | 90.1 | 90.5 | 91.3 | 91.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.8 | 91.9 | 92.0 |
| ≥ 5000 | 33.3 | 83.0 | 86.5 | 88.4 | 90.4 | 91.1 | 91.5 | 92.2 | 92.2 | 92.4 | 92.6 | 92.6 | 92.6 | 92.8 | 92.9 | 93.0 |
| ≥ 4500 | 33.3 | 83.2 | 86.8 | 88.6 | 90.6 | 91.3 | 91.7 | 92.5 | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 93.0 | 93.1 | 93.2 |
| ≥ 4000 | 33.4 | 83.6 | 87.2 | 89.0 | 91.1 | 91.7 | 92.1 | 92.9 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.4 | 93.5 | 93.6 |
| ≥ 3500 | 33.4 | 83.7 | 87.3 | 89.1 | 91.2 | 91.8 | 92.2 | 93.0 | 93.0 | 93.1 | 93.3 | 93.3 | 93.3 | 93.5 | 93.6 | 93.8 |
| ≥ 3000 | 33.4 | 84.2 | 87.7 | 89.6 | 91.6 | 92.2 | 92.7 | 93.4 | 93.4 | 93.5 | 93.8 | 93.8 | 93.8 | 94.0 | 94.1 | 94.2 |
| ≥ 2500 | 33.6 | 84.8 | 88.4 | 90.2 | 92.2 | 92.9 | 93.3 | 94.1 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.6 | 94.7 | 94.8 |
| ≥ 2000 | 33.7 | 85.1 | 88.7 | 90.5 | 92.6 | 93.2 | 93.6 | 94.4 | 94.4 | 94.5 | 94.7 | 94.7 | 94.7 | 94.9 | 95.0 | 95.2 |
| ≥ 1800 | 33.8 | 85.3 | 88.8 | 90.6 | 92.7 | 93.3 | 93.8 | 94.5 | 94.5 | 94.6 | 94.8 | 94.8 | 94.8 | 95.0 | 95.2 | 95.4 |
| ≥ 1500 | 33.8 | 85.3 | 88.8 | 90.6 | 92.7 | 93.3 | 93.8 | 94.5 | 94.5 | 94.6 | 94.8 | 94.8 | 94.8 | 95.0 | 95.2 | 95.4 |
| ≥ 1200 | 33.9 | 85.6 | 89.1 | 91.3 | 93.4 | 94.1 | 94.5 | 95.3 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.8 | 95.9 | 96.0 |
| ≥ 1000 | 34.1 | 85.9 | 89.5 | 91.6 | 93.8 | 94.4 | 94.8 | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 96.1 | 96.2 | 96.3 |
| ≥ 900 | 34.4 | 86.2 | 89.8 | 91.9 | 94.1 | 94.7 | 95.2 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.2 | 96.4 | 96.6 | 96.7 |
| ≥ 800 | 34.6 | 86.4 | 90.0 | 92.1 | 94.3 | 94.9 | 95.4 | 96.1 | 96.1 | 96.2 | 96.4 | 96.4 | 96.4 | 96.7 | 96.8 | 96.9 |
| ≥ 700 | 34.6 | 86.5 | 90.1 | 92.2 | 94.4 | 95.0 | 95.5 | 96.2 | 96.2 | 96.3 | 96.6 | 96.6 | 96.6 | 96.8 | 96.9 | 97.0 |
| ≥ 600 | 34.6 | 86.9 | 90.5 | 92.7 | 94.8 | 95.5 | 95.9 | 96.7 | 96.7 | 96.8 | 97.0 | 97.0 | 97.0 | 97.2 | 97.3 | 97.4 |
| ≥ 500 | 34.7 | 87.2 | 90.9 | 93.0 | 95.2 | 95.8 | 96.2 | 97.0 | 97.0 | 97.1 | 97.3 | 97.3 | 97.3 | 97.5 | 97.6 | 97.7 |
| ≥ 400 | 34.7 | 87.4 | 91.1 | 93.4 | 95.6 | 96.2 | 96.7 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 98.1 | 98.2 | 98.3 |
| ≥ 300 | 34.7 | 87.4 | 91.2 | 93.5 | 95.8 | 96.6 | 97.1 | 98.2 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 |
| ≥ 200 | 34.7 | 87.6 | 91.4 | 93.6 | 96.0 | 96.8 | 97.4 | 98.5 | 98.5 | 98.7 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 |
| ≥ 100 | 34.7 | 87.7 | 91.5 | 93.9 | 96.1 | 96.9 | 97.5 | 98.7 | 98.8 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 34.7 | 87.7 | 91.5 | 93.9 | 96.1 | 96.9 | 97.5 | 98.7 | 98.8 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.4 | 45.6 | 51.9 | 56.7 | 60.5 | 62.0 | 63.5 | 65.2 | 65.7 | 66.1 | 66.1 | 66.1 | 66.3 | 66.9 | 68.1 | 68.4 |
| ≥ 20000 | 17.7 | 50.0 | 57.5 | 63.3 | 67.6 | 69.6 | 71.2 | 73.1 | 73.9 | 74.4 | 74.6 | 74.6 | 75.1 | 75.6 | 76.9 | 77.2 |
| ≥ 18000 | 17.7 | 50.0 | 57.5 | 63.4 | 67.7 | 69.7 | 71.3 | 73.2 | 74.0 | 74.5 | 74.7 | 74.7 | 75.2 | 75.7 | 77.0 | 77.3 |
| ≥ 16000 | 17.7 | 50.0 | 57.5 | 63.4 | 67.7 | 69.7 | 71.3 | 73.2 | 74.0 | 74.5 | 74.7 | 74.7 | 75.2 | 75.7 | 77.0 | 77.3 |
| ≥ 14000 | 18.3 | 50.2 | 57.7 | 63.7 | 68.0 | 69.9 | 71.5 | 73.4 | 74.2 | 74.7 | 74.9 | 74.9 | 75.4 | 75.9 | 77.2 | 77.5 |
| ≥ 12000 | 18.3 | 51.0 | 58.5 | 64.4 | 68.7 | 70.6 | 72.3 | 74.2 | 74.9 | 75.5 | 75.7 | 75.7 | 76.1 | 76.7 | 78.0 | 78.4 |
| ≥ 10000 | 19.6 | 53.7 | 61.7 | 67.7 | 72.2 | 74.1 | 75.7 | 78.0 | 78.7 | 79.2 | 79.5 | 79.5 | 79.9 | 80.4 | 81.8 | 82.3 |
| ≥ 9000 | 19.9 | 54.2 | 62.3 | 68.3 | 72.7 | 74.6 | 76.2 | 78.5 | 79.2 | 79.8 | 80.0 | 80.0 | 80.4 | 81.0 | 82.4 | 82.8 |
| ≥ 8000 | 20.8 | 56.0 | 64.3 | 70.4 | 74.8 | 76.8 | 78.4 | 80.6 | 81.4 | 81.9 | 82.3 | 82.3 | 82.7 | 83.2 | 84.6 | 85.1 |
| ≥ 7000 | 21.8 | 56.8 | 65.1 | 71.2 | 75.7 | 77.6 | 79.2 | 81.5 | 82.3 | 82.8 | 83.1 | 83.1 | 83.5 | 84.1 | 85.5 | 85.9 |
| ≥ 6000 | 20.9 | 57.4 | 65.9 | 72.3 | 76.8 | 78.7 | 80.3 | 82.6 | 83.3 | 83.9 | 84.3 | 84.3 | 84.7 | 85.3 | 86.7 | 87.1 |
| ≥ 5000 | 20.9 | 57.7 | 66.2 | 72.6 | 77.0 | 79.0 | 80.6 | 82.9 | 83.7 | 84.2 | 84.6 | 84.6 | 85.1 | 85.6 | 87.0 | 87.4 |
| ≥ 4500 | 21.1 | 58.3 | 66.8 | 73.1 | 77.6 | 79.6 | 81.2 | 83.4 | 84.2 | 84.7 | 85.2 | 85.2 | 85.6 | 86.1 | 87.5 | 88.0 |
| ≥ 4000 | 21.1 | 58.4 | 66.9 | 73.3 | 77.8 | 79.8 | 81.5 | 83.8 | 84.5 | 85.1 | 85.5 | 85.5 | 85.9 | 86.5 | 87.8 | 88.3 |
| ≥ 3500 | 21.1 | 58.4 | 66.9 | 73.3 | 77.8 | 79.8 | 81.5 | 83.8 | 84.5 | 85.1 | 85.5 | 85.5 | 85.9 | 86.5 | 87.8 | 88.3 |
| ≥ 3000 | 21.1 | 58.6 | 67.2 | 73.7 | 78.3 | 80.2 | 81.9 | 84.2 | 84.9 | 85.5 | 85.9 | 85.9 | 86.3 | 86.9 | 88.3 | 88.7 |
| ≥ 2500 | 21.2 | 59.1 | 67.7 | 74.2 | 78.8 | 80.8 | 82.6 | 84.8 | 85.6 | 86.1 | 86.6 | 86.6 | 87.0 | 87.5 | 88.9 | 89.4 |
| ≥ 2000 | 21.2 | 59.5 | 68.1 | 74.6 | 79.4 | 81.3 | 83.1 | 85.5 | 86.2 | 86.8 | 87.2 | 87.2 | 87.6 | 88.2 | 89.6 | 90.0 |
| ≥ 1800 | 21.2 | 59.5 | 68.1 | 74.6 | 79.4 | 81.3 | 83.1 | 85.5 | 86.2 | 86.8 | 87.2 | 87.2 | 87.6 | 88.2 | 89.6 | 90.0 |
| ≥ 1500 | 21.3 | 59.7 | 68.3 | 74.8 | 79.6 | 81.5 | 83.3 | 85.7 | 86.5 | 87.0 | 87.4 | 87.4 | 87.8 | 88.4 | 89.8 | 90.2 |
| ≥ 1200 | 21.4 | 59.9 | 68.5 | 75.2 | 79.9 | 81.8 | 83.8 | 86.1 | 86.9 | 87.4 | 87.8 | 87.8 | 88.3 | 88.8 | 90.2 | 90.6 |
| ≥ 1000 | 21.4 | 60.3 | 69.0 | 75.8 | 80.6 | 82.6 | 84.5 | 87.0 | 87.7 | 88.3 | 88.8 | 88.8 | 89.2 | 89.8 | 91.2 | 91.6 |
| ≥ 900 | 21.7 | 61.0 | 69.7 | 76.6 | 81.4 | 83.3 | 85.3 | 87.7 | 88.6 | 89.1 | 89.7 | 89.7 | 90.1 | 90.6 | 92.0 | 92.5 |
| ≥ 800 | 21.7 | 61.2 | 70.1 | 77.0 | 81.8 | 83.8 | 85.7 | 88.2 | 89.0 | 89.6 | 90.1 | 90.1 | 90.5 | 91.1 | 92.5 | 92.9 |
| ≥ 700 | 21.8 | 61.4 | 70.3 | 77.4 | 82.3 | 84.2 | 86.1 | 88.6 | 89.5 | 90.0 | 90.5 | 90.5 | 91.1 | 91.6 | 93.0 | 93.4 |
| ≥ 600 | 21.8 | 61.6 | 70.8 | 78.0 | 82.8 | 84.7 | 86.7 | 89.2 | 90.1 | 90.6 | 91.2 | 91.2 | 91.7 | 92.3 | 93.7 | 94.1 |
| ≥ 500 | 21.9 | 61.7 | 70.9 | 78.2 | 83.0 | 84.9 | 86.9 | 89.7 | 90.5 | 91.1 | 91.6 | 91.6 | 92.2 | 92.7 | 94.1 | 94.5 |
| ≥ 400 | 21.9 | 62.0 | 71.2 | 78.5 | 83.4 | 85.5 | 87.6 | 90.5 | 91.4 | 91.9 | 92.5 | 92.5 | 93.1 | 93.7 | 95.1 | 95.6 |
| ≥ 300 | 21.9 | 62.2 | 71.3 | 78.6 | 83.7 | 85.7 | 87.8 | 91.0 | 91.8 | 92.6 | 93.2 | 93.2 | 93.9 | 94.4 | 95.9 | 96.6 |
| ≥ 200 | 21.9 | 62.2 | 71.3 | 78.6 | 83.9 | 85.9 | 88.2 | 91.4 | 92.5 | 93.4 | 94.2 | 94.3 | 95.3 | 95.8 | 97.3 | 98.3 |
| ≥ 100 | 21.9 | 62.2 | 71.3 | 78.6 | 84.0 | 86.0 | 88.5 | 91.7 | 92.9 | 94.0 | 94.9 | 95.3 | 96.3 | 97.1 | 98.7 | 99.7 |
| 0 | 21.9 | 62.2 | 71.3 | 78.6 | 84.0 | 86.0 | 88.5 | 91.7 | 92.9 | 94.0 | 94.9 | 95.2 | 96.3 | 97.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13861 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.2 | 37.8 | 43.9 | 49.4 | 53.0 | 54.3 | 55.9 | 56.1 | 56.6 | 56.9 | 57.0 | 57.0 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 9.9 | 43.1 | 50.3 | 57.1 | 61.7 | 63.2 | 65.4 | 65.7 | 66.3 | 66.7 | 67.0 | 67.0 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 18000 | 9.9 | 43.6 | 50.3 | 57.1 | 61.7 | 63.2 | 65.4 | 65.7 | 66.3 | 66.7 | 67.0 | 67.0 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 16000 | 9.9 | 43.6 | 50.3 | 57.1 | 61.7 | 63.2 | 65.4 | 65.7 | 66.3 | 66.7 | 67.0 | 67.0 | 67.6 | 67.6 | 67.7 | 67.7 |
| ≥ 14000 | 10.1 | 43.4 | 50.8 | 57.5 | 62.2 | 63.7 | 65.8 | 66.1 | 66.8 | 67.1 | 67.4 | 67.4 | 68.1 | 68.1 | 68.2 | 68.2 |
| ≥ 12000 | 10.3 | 45.1 | 52.4 | 59.1 | 63.8 | 65.3 | 67.4 | 67.7 | 68.4 | 68.7 | 69.0 | 69.0 | 69.7 | 69.7 | 69.8 | 69.8 |
| ≥ 10000 | 12.0 | 48.9 | 56.9 | 64.0 | 68.7 | 70.3 | 72.7 | 73.1 | 73.9 | 74.3 | 74.6 | 74.6 | 75.3 | 75.3 | 75.5 | 75.7 |
| ≥ 9000 | 12.2 | 49.5 | 57.5 | 64.6 | 69.4 | 71.0 | 73.3 | 73.8 | 74.5 | 74.9 | 75.3 | 75.3 | 75.9 | 75.9 | 76.1 | 76.3 |
| ≥ 8000 | 12.6 | 51.2 | 59.2 | 66.7 | 71.7 | 73.4 | 75.9 | 76.2 | 77.0 | 77.5 | 78.0 | 78.0 | 78.6 | 78.6 | 78.8 | 79.0 |
| ≥ 7000 | 12.7 | 51.4 | 59.6 | 67.0 | 72.0 | 73.8 | 76.2 | 76.7 | 77.4 | 78.0 | 78.4 | 78.4 | 79.0 | 79.0 | 79.2 | 79.5 |
| ≥ 6000 | 12.7 | 51.7 | 60.1 | 67.5 | 72.6 | 74.3 | 76.9 | 77.3 | 78.1 | 78.6 | 79.0 | 79.0 | 79.7 | 79.7 | 79.9 | 80.1 |
| ≥ 5000 | 12.7 | 52.2 | 60.5 | 68.1 | 73.1 | 74.8 | 77.4 | 77.8 | 78.6 | 79.1 | 79.6 | 79.6 | 80.2 | 80.2 | 80.4 | 80.6 |
| ≥ 4500 | 12.7 | 52.3 | 60.6 | 68.2 | 73.2 | 74.9 | 77.5 | 78.0 | 78.7 | 79.2 | 79.7 | 79.7 | 80.3 | 80.3 | 80.5 | 80.8 |
| ≥ 4000 | 12.8 | 52.9 | 61.3 | 68.9 | 74.0 | 75.7 | 78.4 | 78.9 | 79.7 | 80.2 | 80.6 | 80.6 | 81.3 | 81.3 | 81.5 | 81.7 |
| ≥ 3500 | 12.8 | 53.1 | 61.5 | 69.1 | 74.2 | 75.9 | 78.6 | 79.1 | 79.9 | 80.4 | 80.9 | 80.9 | 81.5 | 81.5 | 81.7 | 81.9 |
| ≥ 3000 | 12.8 | 53.1 | 61.5 | 69.2 | 74.3 | 76.1 | 78.8 | 79.4 | 80.1 | 80.8 | 81.2 | 81.2 | 81.8 | 81.8 | 82.0 | 82.3 |
| ≥ 2500 | 12.9 | 53.7 | 62.0 | 70.0 | 75.1 | 76.9 | 79.6 | 80.1 | 80.9 | 81.5 | 81.9 | 81.9 | 82.6 | 82.6 | 82.8 | 83.0 |
| ≥ 2000 | 12.9 | 54.2 | 62.6 | 70.5 | 75.6 | 77.4 | 80.1 | 80.6 | 81.5 | 82.2 | 82.6 | 82.6 | 83.2 | 83.2 | 83.4 | 83.7 |
| ≥ 1800 | 12.9 | 54.3 | 62.7 | 70.6 | 75.7 | 77.5 | 80.2 | 80.8 | 81.6 | 82.3 | 82.7 | 82.7 | 83.3 | 83.3 | 83.5 | 83.8 |
| ≥ 1500 | 13.1 | 54.5 | 62.9 | 70.9 | 75.9 | 77.7 | 80.4 | 81.0 | 81.8 | 82.5 | 82.9 | 82.9 | 83.5 | 83.5 | 83.8 | 84.0 |
| ≥ 1200 | 13.3 | 55.4 | 63.9 | 71.8 | 77.0 | 79.1 | 81.9 | 82.5 | 83.3 | 84.0 | 84.4 | 84.4 | 85.1 | 85.1 | 85.3 | 85.5 |
| ≥ 1000 | 13.4 | 55.6 | 64.3 | 72.4 | 77.6 | 79.9 | 82.7 | 83.2 | 84.1 | 84.7 | 85.2 | 85.2 | 85.8 | 85.8 | 86.0 | 86.2 |
| ≥ 900 | 13.4 | 56.1 | 64.8 | 72.9 | 78.3 | 80.5 | 83.4 | 84.0 | 84.9 | 85.6 | 86.1 | 86.1 | 86.8 | 86.8 | 87.0 | 87.2 |
| ≥ 800 | 13.5 | 57.1 | 65.9 | 74.2 | 79.7 | 81.9 | 84.8 | 85.4 | 86.3 | 87.0 | 87.5 | 87.5 | 88.2 | 88.2 | 88.4 | 88.6 |
| ≥ 700 | 13.7 | 58.0 | 67.0 | 75.6 | 81.4 | 83.8 | 86.8 | 87.3 | 88.3 | 88.9 | 89.5 | 89.5 | 90.1 | 90.1 | 90.3 | 90.5 |
| ≥ 600 | 13.7 | 58.6 | 68.1 | 76.8 | 83.0 | 85.4 | 88.4 | 89.0 | 90.0 | 90.6 | 91.2 | 91.2 | 91.8 | 91.8 | 92.0 | 92.3 |
| ≥ 500 | 13.7 | 59.2 | 68.7 | 77.6 | 84.4 | 86.9 | 90.1 | 90.8 | 91.7 | 92.5 | 93.0 | 93.0 | 93.7 | 93.7 | 93.9 | 94.1 |
| ≥ 400 | 13.7 | 59.6 | 69.2 | 78.3 | 85.5 | 88.0 | 91.3 | 92.3 | 93.3 | 94.1 | 94.6 | 94.6 | 95.3 | 95.3 | 95.5 | 95.7 |
| ≥ 300 | 13.7 | 59.8 | 69.8 | 78.9 | 86.1 | 88.8 | 92.3 | 94.0 | 95.2 | 96.0 | 96.6 | 96.6 | 97.3 | 97.4 | 97.8 | 98.2 |
| ≥ 200 | 13.7 | 59.8 | 69.8 | 78.9 | 86.2 | 88.9 | 92.5 | 94.4 | 95.7 | 96.6 | 97.1 | 97.1 | 98.3 | 98.7 | 99.2 | 99.7 |
| ≥ 100 | 13.7 | 59.8 | 69.8 | 78.9 | 86.2 | 88.9 | 92.5 | 94.4 | 95.7 | 96.6 | 97.1 | 97.1 | 98.3 | 98.7 | 99.4 | 99.9 |
| ≥ 0 | 13.7 | 59.8 | 69.8 | 78.9 | 86.2 | 88.9 | 92.5 | 94.4 | 95.7 | 96.6 | 97.1 | 97.1 | 98.3 | 98.7 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.6 | 52.5 | 55.7 | 56.7 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 20000 | 20.1 | 60.9 | 64.8 | 66.3 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 18000 | 20.1 | 60.9 | 64.8 | 66.3 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 16000 | 20.1 | 60.9 | 64.8 | 66.3 | 66.7 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 14000 | 20.5 | 61.6 | 65.6 | 67.1 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 12000 | 21.3 | 63.7 | 67.6 | 69.1 | 69.5 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 10000 | 23.2 | 68.9 | 73.3 | 74.9 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 9000 | 23.3 | 69.4 | 73.9 | 75.4 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 8000 | 24.1 | 72.2 | 76.9 | 78.5 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 7000 | 24.6 | 73.1 | 77.8 | 79.5 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 6000 | 24.6 | 73.9 | 79.6 | 80.2 | 80.5 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 5000 | 24.7 | 74.3 | 79.0 | 80.8 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4500 | 24.7 | 74.4 | 79.1 | 80.9 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 4000 | 25.1 | 75.9 | 80.6 | 82.4 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 3500 | 25.2 | 76.8 | 81.5 | 83.2 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3000 | 25.9 | 78.8 | 83.7 | 85.6 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 2500 | 26.9 | 81.0 | 85.8 | 87.7 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2000 | 27.5 | 83.0 | 88.1 | 90.2 | 90.6 | 91.8 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1800 | 27.7 | 84.2 | 89.2 | 91.4 | 91.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1500 | 28.5 | 85.9 | 91.1 | 93.2 | 93.7 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 28.6 | 88.5 | 93.8 | 95.9 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 28.9 | 89.2 | 94.1 | 96.8 | 97.3 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 28.8 | 89.6 | 94.9 | 97.3 | 97.8 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 28.9 | 89.9 | 95.3 | 97.7 | 98.3 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 29.0 | 90.0 | 95.4 | 97.8 | 98.5 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 29.3 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 29.3 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 29.3 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 29.0 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 29.0 | 90.3 | 95.7 | 98.2 | 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 | 29.0 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 29.0 | 90.3 | 95.7 | 98.2 | 98.8 | 99.6 | 99.8 | 99.8 | 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

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥[illegible] | ≥0 |
| NO CEILING | 17.6 | 45.2 | 47.4 | 48.2 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| ≥ 20000 | 24.[illegible] | 61.4 | 64.3 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 18000 | 24.[illegible] | 61.4 | 64.3 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 16000 | 24.[illegible] | 61.4 | 64.3 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 14000 | 24.1 | 61.8 | 64.7 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 12000 | 25.7 | 65.3 | 68.2 | 68.9 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 10000 | 29.1 | 72.6 | 75.7 | 76.5 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 9000 | 29.4 | 72.8 | 75.9 | 76.7 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 8000 | 30.4 | 76.6 | 79.7 | 80.4 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 7000 | 30.9 | 77.2 | 80.3 | 81.2 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 6000 | 31.5 | 78.2 | 81.4 | 82.3 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 5000 | 31.6 | 79.4 | 82.7 | 83.5 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4500 | 32.2 | 80.3 | 83.7 | 84.5 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 32.9 | 83.4 | 87.1 | 88.1 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3500 | 33.3 | 85.1 | 88.7 | 89.7 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3000 | 34.9 | 88.[illegible] | 91.[illegible] | 92.8 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 35.7 | 89.8 | 93.7 | 94.6 | 95.6 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 96.[illegible] | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2000 | 36.3 | 91.5 | 95.4 | 96.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1800 | 36.5 | 91.8 | 95.7 | 96.8 | 97.8 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 36.5 | 91.9 | 95.9 | 97.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 36.6 | 92.3 | 96.1 | 97.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 36.6 | 92.3 | 96.2 | 97.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 36.6 | 92.4 | 96.3 | 97.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 800 | 36.6 | 92.4 | 96.3 | 97.5 | 98.7 | 98.9 | 99.[illegible] | 99.0 | 99.[illegible] | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 36.6 | 92.6 | 96.7 | 97.8 | 99.[illegible] | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 36.6 | 92.6 | 96.7 | 97.8 | 99.[illegible] | 99.2 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 36.6 | 92.7 | 96.8 | 98.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03356 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-81 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.1 | 40.1 | 41.3 | 42.5 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| ≥ 20000 | 23.1 | 61.2 | 62.6 | 64.0 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 18000 | 23.1 | 61.2 | 62.6 | 64.0 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 16000 | 23.1 | 61.2 | 62.6 | 64. | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 14000 | 23.5 | 62.4 | 63.8 | 65.2 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 12000 | 24.6 | 66.8 | 68.3 | 69.7 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 10000 | 28.7 | 76.7 | 78.5 | 80.0 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 9000 | 28.9 | 77.6 | 79.5 | 81.0 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 8000 | 29.5 | 81.8 | 84.0 | 85.6 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 7000 | 30.1 | 83.0 | 85.2 | 86.8 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 6000 | 30.4 | 84.0 | 86.2 | 87.8 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 5000 | 30.5 | 84.5 | 87.1 | 88.8 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 4500 | 31.0 | 85.7 | 88.5 | 90.2 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 4000 | 32.3 | 88.0 | 91.7 | 93.5 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 32.5 | 88.8 | 92.6 | 94.5 | 95.9 | 95.9 | 96.. | 96.0 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 3000 | 32.9 | 89.8 | 93.7 | 95.6 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 33.0 | 90.0 | 94.1 | 96.0 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 2000 | 33.1 | 90.2 | 94.5 | 96.6 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 33.1 | 90.3 | 94.6 | 96.7 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 33.1 | 90.3 | 94.6 | 96.7 | 98.5 | 98.6 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1200 | 33.1 | 90.4 | 94.7 | 96.8 | 98.6 | 98.7 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 33.1 | 90.6 | 94.9 | 97.. | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 33.1 | 90.8 | 95.1 | 97.1 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 800 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 600 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 33.1 | 90.9 | 95.2 | 97.2 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

1800-2000 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 15.4 | 40.8 | 41.9 | 42.6 | 42.9 | 42.9 | 43.0 | 43.0 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 |
| ≥ 20000 | 22.4 | 63.2 | 64.9 | 66.0 | 66.7 | 66.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 18000 | 22.4 | 63.2 | 64.9 | 66.0 | 66.7 | 66.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 16000 | 22.4 | 63.2 | 64.9 | 66.0 | 66.7 | 66.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 14000 | 23.0 | 64.2 | 65.9 | 67.0 | 67.6 | 67.6 | 67.7 | 67.8 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 12000 | 24.0 | 66.7 | 68.8 | 70.1 | 70.8 | 70.8 | 70.9 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 10000 | 28.0 | 76.9 | 79.0 | 80.4 | 81.3 | 81.4 | 81.5 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 9000 | 28.0 | 77.3 | 79.5 | 80.9 | 81.7 | 81.8 | 81.9 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 8000 | 28.5 | 81.4 | 83.8 | 85.2 | 86.1 | 86.2 | 86.5 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 7000 | 28.9 | 82.5 | 84.8 | 86.2 | 87.2 | 87.3 | 87.5 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 6000 | 29.2 | 83.7 | 86.1 | 87.5 | 88.5 | 88.6 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 5000 | 29.2 | 84.1 | 86.6 | 88.0 | 89.1 | 89.2 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 4500 | 29.7 | 85.3 | 88.2 | 89.8 | 91.2 | 91.4 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 30.0 | 87.3 | 90.6 | 92.5 | 94.1 | 94.3 | 94.6 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 3500 | 30.1 | 88.0 | 91.3 | 93.1 | 94.7 | 94.9 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 3000 | 30.8 | 88.9 | 92.4 | 94.3 | 95.9 | 96.2 | 96.6 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 30.8 | 89.0 | 92.8 | 94.7 | 96.3 | 96.7 | 97.1 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 30.8 | 89.0 | 92.8 | 94.8 | 96.6 | 96.9 | 97.3 | 97.5 | 97.8 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 1800 | 30.8 | 89.0 | 92.8 | 94.8 | 96.7 | 97.0 | 97.4 | 97.6 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 30.8 | 89.0 | 92.9 | 94.9 | 96.8 | 97.1 | 97.5 | 97.7 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1200 | 30.9 | 89.1 | 93.0 | 95.1 | 96.9 | 97.2 | 97.6 | 97.8 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 31.4 | 89.4 | 93.2 | 95.3 | 97.1 | 97.4 | 97.8 | 98.1 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 31.1 | 89.4 | 93.2 | 95.3 | 97.1 | 97.4 | 97.8 | 98.1 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 31.1 | 89.5 | 93.3 | 95.4 | 97.2 | 97.5 | 98.0 | 98.2 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 31.1 | 89.9 | 93.8 | 95.8 | 97.6 | 98.0 | 98.4 | 98.6 | 98.9 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 31.3 | 90.1 | 94.0 | 96.0 | 97.8 | 98.2 | 98.6 | 98.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 31.3 | 90.2 | 94.1 | 96.2 | 98.1 | 98.4 | 98.8 | 99.0 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 31.3 | 90.2 | 94.1 | 96.2 | 98.2 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 31.3 | 90.2 | 94.1 | 96.2 | 98.2 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 31.3 | 90.2 | 94.1 | 96.2 | 98.2 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 31.3 | 90.2 | 94.1 | 96.2 | 98.2 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 31.3 | 91.2 | 94.1 | 96.2 | 98.2 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3855 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.2 | 62.7 | 63.3 | 63.8 | 64.2 | 64.3 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 |
| ≥ 20000 | 31.3 | 75.3 | 76.6 | 77.4 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 |
| ≥ 18000 | 31.3 | 75.3 | 76.6 | 77.4 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 |
| ≥ 16000 | 31.3 | 75.3 | 76.6 | 77.4 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 |
| ≥ 14000 | 31.3 | 75.3 | 76.6 | 77.4 | 77.8 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 |
| ≥ 12000 | 31.7 | 76.3 | 77.6 | 78.5 | 78.9 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.4 |
| ≥ 10000 | 33.7 | 81.7 | 83.1 | 84.0 | 84.4 | 84.5 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 |
| ≥ 9000 | 33.9 | 82.5 | 83.9 | 84.7 | 85.2 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 8000 | 34.3 | 84.5 | 86.2 | 87.1 | 87.5 | 87.6 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 |
| ≥ 7000 | 34.7 | 85.6 | 87.3 | 88.2 | 88.6 | 88.7 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 |
| ≥ 6000 | 35.3 | 86.6 | 88.3 | 89.1 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 5000 | 35.8 | 88.1 | 89.8 | 90.6 | 91.1 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 |
| ≥ 4500 | 35.9 | 88.7 | 90.6 | 91.6 | 92.0 | 92.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 |
| ≥ 4000 | 36.1 | 91.1 | 93.1 | 94.0 | 94.4 | 94.6 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 |
| ≥ 3500 | 36.1 | 91.4 | 93.3 | 94.4 | 94.8 | 95.1 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 3000 | 36.3 | 91.7 | 93.9 | 95.1 | 95.5 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 |
| ≥ 2500 | 36.3 | 92.4 | 94.6 | 95.8 | 96.3 | 96.6 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 |
| ≥ 2000 | 36.6 | 92.8 | 95.1 | 96.2 | 96.8 | 97.0 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 1800 | 36.6 | 93.0 | 95.3 | 96.5 | 97.0 | 97.2 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 1500 | 36.8 | 93.2 | 95.5 | 96.7 | 97.2 | 97.4 | 97.8 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 1200 | 37.1 | 93.7 | 95.9 | 97.1 | 97.6 | 97.8 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 1000 | 37.2 | 94.1 | 96.3 | 97.5 | 98.1 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 900 | 37.3 | 94.1 | 96.3 | 97.5 | 98.1 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 800 | 37.2 | 94.1 | 96.3 | 97.5 | 98.1 | 98.3 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 700 | 37.2 | 94.4 | 96.7 | 97.8 | 98.4 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 600 | 37.2 | 94.4 | 96.7 | 97.8 | 98.4 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 500 | 37.2 | 94.4 | 96.7 | 97.8 | 98.4 | 98.6 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 400 | 37.2 | 94.5 | 96.8 | 98.0 | 98.5 | 98.7 | 99.1 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 300 | 37.2 | 94.5 | 96.8 | 98.0 | 98.5 | 98.7 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 37.2 | 94.5 | 96.8 | 98.0 | 98.5 | 98.7 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 37.2 | 94.5 | 96.8 | 98.0 | 98.5 | 98.7 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 37.2 | 94.5 | 96.8 | 98.0 | 98.5 | 98.7 | 99.2 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3a5l (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 18.6 | 49.0 | 51.9 | 53.9 | 56.3 | 56.8 | 56.3 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 | 56.9 | 57.0 | 57.2 | 57.2 |
| ≥ 20000 | 22.2 | 61.0 | 64.7 | 67.2 | 68.9 | 69.4 | 70.0 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 70.9 | 71.0 | 71.2 | 71.3 |
| ≥ 18000 | 22.2 | 61.0 | 64.7 | 67.2 | 68.9 | 69.5 | 70.0 | 70.4 | 70.6 | 70.7 | 70.8 | 70.8 | 71.0 | 71.0 | 71.2 | 71.3 |
| ≥ 16000 | 22.2 | 61.0 | 64.7 | 67.2 | 68.9 | 69.5 | 70.0 | 70.4 | 70.6 | 70.7 | 70.9 | 70.8 | 71.0 | 71.0 | 71.2 | 71.3 |
| ≥ 14000 | 22.5 | 61.5 | 65.2 | 67.7 | 69.4 | 70.0 | 70.5 | 70.9 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 | 71.5 | 71.7 | 71.8 |
| ≥ 12000 | 23.1 | 63.7 | 67.4 | 70.0 | 71.6 | 72.2 | 72.8 | 73.2 | 73.4 | 73.5 | 73.6 | 73.6 | 73.7 | 73.8 | 74.0 | 74.1 |
| ≥ 10000 | 25.7 | 69.7 | 73.8 | 76.4 | 78.2 | 78.7 | 79.4 | 79.8 | 80.0 | 80.2 | 80.3 | 80.3 | 80.4 | 80.5 | 80.7 | 80.8 |
| ≥ 9000 | 25.9 | 70.5 | 74.3 | 77.0 | 78.7 | 79.3 | 79.9 | 80.4 | 80.6 | 80.7 | 80.8 | 80.8 | 81.0 | 81.0 | 81.3 | 81.4 |
| ≥ 8000 | 26.6 | 73.0 | 77.3 | 80.0 | 81.8 | 82.4 | 83.0 | 83.5 | 83.7 | 83.8 | 84.0 | 84.0 | 84.1 | 84.2 | 84.4 | 84.5 |
| ≥ 7000 | 27.1 | 73.9 | 78.1 | 80.9 | 82.7 | 83.3 | 83.9 | 84.4 | 84.6 | 84.7 | 84.9 | 84.9 | 85.0 | 85.1 | 85.3 | 85.4 |
| ≥ 6000 | 27.2 | 74.7 | 79.1 | 81.8 | 83.6 | 84.2 | 84.8 | 85.3 | 85.5 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 | 86.2 | 86.4 |
| ≥ 5000 | 27.3 | 75.4 | 79.8 | 82.6 | 84.5 | 85.1 | 85.7 | 86.2 | 86.4 | 86.6 | 86.7 | 86.7 | 86.8 | 86.9 | 87.1 | 87.2 |
| ≥ 4500 | 27.6 | 76.0 | 80.5 | 83.4 | 85.3 | 85.9 | 86.6 | 87.1 | 87.3 | 87.4 | 87.6 | 87.6 | 87.7 | 87.8 | 88.0 | 88.1 |
| ≥ 4000 | 27.9 | 77.6 | 82.3 | 85.2 | 87.2 | 87.9 | 88.6 | 89.0 | 89.3 | 89.4 | 89.6 | 89.6 | 89.7 | 89.8 | 90.0 | 90.1 |
| ≥ 3500 | 28.1 | 78.2 | 82.9 | 85.8 | 87.8 | 88.5 | 89.2 | 89.6 | 89.9 | 90.0 | 90.2 | 90.2 | 90.3 | 90.4 | 90.6 | 90.7 |
| ≥ 3000 | 28.5 | 79.1 | 84.0 | 87.0 | 89.0 | 89.7 | 90.4 | 90.9 | 91.1 | 91.3 | 91.5 | 91.5 | 91.6 | 91.7 | 91.9 | 92.0 |
| ≥ 2500 | 28.8 | 80.0 | 84.9 | 87.9 | 90.0 | 90.7 | 91.5 | 92.0 | 92.2 | 92.4 | 92.6 | 92.6 | 92.7 | 92.8 | 93.0 | 93.1 |
| ≥ 2000 | 29.0 | 80.7 | 85.6 | 88.7 | 90.9 | 91.6 | 92.3 | 92.9 | 93.1 | 93.3 | 93.5 | 93.5 | 93.7 | 93.7 | 94.0 | 94.1 |
| ≥ 1800 | 29.1 | 80.9 | 85.9 | 89.0 | 91.2 | 91.9 | 92.6 | 93.2 | 93.4 | 93.6 | 93.8 | 93.8 | 94.0 | 94.0 | 94.3 | 94.4 |
| ≥ 1500 | 29.2 | 81.2 | 86.2 | 89.4 | 91.5 | 92.2 | 93.0 | 93.5 | 93.8 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 | 94.6 | 94.8 |
| ≥ 1200 | 29.3 | 81.9 | 86.9 | 90.1 | 92.3 | 93.0 | 93.8 | 94.4 | 94.6 | 94.8 | 95.0 | 95.0 | 95.2 | 95.3 | 95.5 | 95.6 |
| ≥ 1000 | 29.5 | 82.2 | 87.3 | 90.5 | 92.7 | 93.5 | 94.3 | 94.9 | 95.1 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 96.0 | 96.1 |
| ≥ 900 | 29.5 | 82.4 | 87.5 | 90.8 | 93.1 | 93.8 | 94.7 | 95.2 | 95.5 | 95.7 | 95.9 | 95.9 | 96.1 | 96.2 | 96.4 | 96.5 |
| ≥ 800 | 29.6 | 82.7 | 87.8 | 91.1 | 93.4 | 94.2 | 95.1 | 95.6 | 95.8 | 96.1 | 96.3 | 96.3 | 96.4 | 96.5 | 96.7 | 96.8 |
| ≥ 700 | 29.6 | 83.0 | 88.1 | 91.5 | 93.8 | 94.7 | 95.5 | 96.1 | 96.4 | 96.6 | 96.8 | 96.8 | 97.0 | 97.1 | 97.3 | 97.4 |
| ≥ 600 | 29.7 | 83.2 | 88.4 | 91.8 | 94.2 | 95.1 | 95.9 | 96.5 | 96.8 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 | 97.7 | 97.8 |
| ≥ 500 | 29.7 | 83.3 | 88.6 | 92.0 | 94.5 | 95.4 | 96.2 | 96.9 | 97.1 | 97.4 | 97.6 | 97.6 | 97.8 | 97.9 | 98.1 | 98.2 |
| ≥ 400 | 29.7 | 83.5 | 88.7 | 92.2 | 94.8 | 95.6 | 96.6 | 97.2 | 97.5 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 | 98.5 | 98.7 |
| ≥ 300 | 29.7 | 83.5 | 88.8 | 92.3 | 94.9 | 95.8 | 96.8 | 97.6 | 97.9 | 98.2 | 98.5 | 98.5 | 98.7 | 98.8 | 99.0 | 99.2 |
| ≥ 200 | 29.7 | 83.5 | 88.9 | 92.4 | 95.0 | 95.9 | 96.9 | 97.8 | 98.1 | 98.5 | 98.7 | 98.8 | 99.1 | 99.2 | 99.5 | 99.7 |
| ≥ 100 | 29.7 | 83.5 | 88.9 | 92.4 | 95.0 | 95.9 | 96.9 | 97.8 | 98.2 | 98.6 | 98.9 | 98.9 | 99.2 | 99.4 | 99.7 | 99.9 |
| ≥ 0 | 29.7 | 83.5 | 88.9 | 92.4 | 95.0 | 95.9 | 96.9 | 97.8 | 98.2 | 98.6 | 98.9 | 98.9 | 99.2 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7439

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.8 | 72.8 | 75.5 | 77.1 | 77.5 | 77.8 | 78.7 | 79.0 | 79.2 | 79.2 | 79.7 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 |
| ≥ 20000 | 36.9 | 78.2 | 81.5 | 83.4 | 83.9 | 84.2 | 85.1 | 85.4 | 85.6 | 85.6 | 86.0 | 86.0 | 86.1 | 86.2 | 86.5 | 86.6 |
| ≥ 18000 | 36.9 | 78.2 | 81.5 | 83.4 | 83.9 | 84.2 | 85.1 | 85.4 | 85.6 | 85.6 | 86.0 | 86.0 | 86.1 | 86.2 | 86.5 | 86.6 |
| ≥ 16000 | 36.9 | 78.2 | 81.5 | 83.4 | 83.9 | 84.2 | 85.1 | 85.4 | 85.6 | 85.6 | 86.0 | 86.0 | 86.1 | 86.2 | 86.5 | 86.6 |
| ≥ 14000 | 36.9 | 78.3 | 81.6 | 83.5 | 84.0 | 84.3 | 85.2 | 85.5 | 85.7 | 85.7 | 86.1 | 86.1 | 86.2 | 86.3 | 86.6 | 86.7 |
| ≥ 12000 | 37.1 | 78.7 | 82.2 | 84.1 | 84.5 | 84.8 | 85.7 | 86.0 | 86.2 | 86.2 | 86.7 | 86.7 | 86.8 | 86.9 | 87.1 | 87.2 |
| ≥ 10000 | 37.8 | 80.2 | 83.7 | 85.6 | 86.1 | 86.5 | 87.3 | 87.6 | 87.8 | 87.8 | 88.3 | 88.3 | 88.4 | 88.5 | 88.7 | 88.8 |
| ≥ 9000 | 37.8 | 80.2 | 83.7 | 85.6 | 86.1 | 86.5 | 87.3 | 87.6 | 87.8 | 87.8 | 88.3 | 88.3 | 88.4 | 88.5 | 88.7 | 88.8 |
| ≥ 8000 | 38.8 | 81.8 | 85.7 | 87.6 | 88.2 | 88.5 | 89.4 | 89.7 | 89.9 | 89.9 | 90.3 | 90.3 | 90.4 | 90.5 | 90.8 | 90.9 |
| ≥ 7000 | 38.8 | 82.0 | 86.0 | 88.0 | 88.6 | 88.9 | 89.8 | 90.1 | 90.3 | 90.3 | 90.8 | 90.8 | 90.9 | 91.0 | 91.2 | 91.3 |
| ≥ 6000 | 39.1 | 82.4 | 86.3 | 88.3 | 88.9 | 89.2 | 90.1 | 90.4 | 90.6 | 90.6 | 91.1 | 91.1 | 91.2 | 91.3 | 91.5 | 91.6 |
| ≥ 5000 | 39.1 | 82.6 | 86.6 | 88.5 | 89.1 | 89.5 | 90.3 | 90.6 | 90.9 | 90.9 | 91.3 | 91.3 | 91.4 | 91.5 | 91.7 | 91.8 |
| ≥ 4500 | 39.2 | 82.9 | 86.9 | 88.8 | 89.5 | 89.8 | 90.6 | 91.0 | 91.2 | 91.2 | 91.6 | 91.6 | 91.7 | 91.8 | 92.0 | 92.2 |
| ≥ 4000 | 39.4 | 83.3 | 87.3 | 89.2 | 90.0 | 90.3 | 91.2 | 91.5 | 91.7 | 91.7 | 92.2 | 92.2 | 92.3 | 92.4 | 92.6 | 92.7 |
| ≥ 3500 | 39.4 | 83.8 | 87.7 | 89.7 | 90.5 | 91.1 | 91.9 | 92.3 | 92.5 | 92.5 | 92.9 | 92.9 | 93.0 | 93.1 | 93.3 | 93.4 |
| ≥ 3000 | 39.4 | 83.9 | 88.1 | 89.9 | 90.8 | 91.3 | 92.2 | 92.5 | 92.7 | 92.7 | 93.1 | 93.1 | 93.2 | 93.3 | 93.5 | 93.7 |
| ≥ 2500 | 39.4 | 83.9 | 88.1 | 90.0 | 90.9 | 91.4 | 92.3 | 92.6 | 92.8 | 92.8 | 93.2 | 93.2 | 93.3 | 93.4 | 93.7 | 93.8 |
| ≥ 2000 | 39.4 | 84.0 | 88.2 | 90.1 | 91.0 | 91.5 | 92.4 | 92.7 | 92.9 | 92.9 | 93.3 | 93.3 | 93.4 | 93.5 | 93.8 | 93.9 |
| ≥ 1800 | 39.4 | 84.1 | 88.3 | 90.2 | 91.1 | 91.6 | 92.5 | 92.8 | 93.0 | 93.0 | 93.4 | 93.4 | 93.5 | 93.7 | 93.9 | 94.0 |
| ≥ 1500 | 39.4 | 84.3 | 88.5 | 90.4 | 91.3 | 91.8 | 92.7 | 93.0 | 93.2 | 93.2 | 93.7 | 93.7 | 93.8 | 93.9 | 94.1 | 94.2 |
| ≥ 1200 | 39.6 | 84.5 | 88.8 | 90.8 | 91.6 | 92.2 | 93.0 | 93.3 | 93.5 | 93.5 | 94.0 | 94.0 | 94.1 | 94.2 | 94.4 | 94.5 |
| ≥ 1000 | 39.7 | 84.8 | 89.2 | 91.2 | 92.2 | 92.8 | 93.7 | 94.0 | 94.2 | 94.2 | 94.6 | 94.6 | 94.7 | 94.8 | 95.1 | 95.2 |
| ≥ 900 | 39.8 | 84.9 | 89.4 | 91.3 | 92.3 | 92.9 | 93.8 | 94.1 | 94.3 | 94.3 | 94.7 | 94.7 | 94.8 | 94.9 | 95.2 | 95.3 |
| ≥ 800 | 39.8 | 85.1 | 89.5 | 91.4 | 92.4 | 93.0 | 93.9 | 94.2 | 94.4 | 94.4 | 94.8 | 94.8 | 94.9 | 95.1 | 95.3 | 95.4 |
| ≥ 700 | 39.8 | 85.1 | 89.5 | 91.5 | 92.5 | 93.1 | 94.0 | 94.3 | 94.5 | 94.5 | 94.9 | 94.9 | 95.1 | 95.2 | 95.5 | 95.6 |
| ≥ 600 | 39.8 | 85.1 | 89.5 | 91.6 | 92.6 | 93.2 | 94.1 | 94.4 | 94.6 | 94.6 | 95.1 | 95.1 | 95.2 | 95.3 | 95.6 | 95.7 |
| ≥ 500 | 39.8 | 85.1 | 89.5 | 91.7 | 92.8 | 93.4 | 94.3 | 94.6 | 94.8 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 | 95.8 | 95.9 |
| ≥ 400 | 40.0 | 85.7 | 90.1 | 92.5 | 93.5 | 94.2 | 95.1 | 95.4 | 95.6 | 95.8 | 96.2 | 96.2 | 96.3 | 96.5 | 96.8 | 96.9 |
| ≥ 300 | 40.0 | 85.7 | 90.1 | 92.6 | 93.9 | 94.6 | 95.6 | 95.9 | 96.1 | 96.6 | 97.1 | 97.1 | 97.2 | 97.3 | 97.6 | 97.7 |
| ≥ 200 | 40.0 | 85.7 | 90.1 | 92.6 | 93.9 | 94.7 | 95.8 | 96.2 | 96.5 | 97.2 | 98.0 | 98.0 | 98.2 | 98.3 | 99.0 | 99.2 |
| ≥ 100 | 40.0 | 85.7 | 90.1 | 92.6 | 93.9 | 94.7 | 95.8 | 96.2 | 96.5 | 97.3 | 98.1 | 98.1 | 98.4 | 98.5 | 99.2 | 99.5 |
| ≥ 0 | 40.0 | 85.7 | 90.1 | 92.6 | 93.9 | 94.7 | 95.8 | 96.2 | 96.5 | 97.3 | 98.1 | 98.1 | 98.6 | 98.7 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.3 | 52.6 | 58.2 | 63.0 | 67.2 | 69.6 | 70.9 | 71.9 | 72.8 | 73.2 | 74.0 | 74.0 | 74.4 | 74.4 | 75.3 | 76.0 |
| ≥ 20000 | 19.9 | 54.5 | 60.6 | 65.7 | 70.3 | 72.9 | 74.2 | 75.3 | 76.3 | 76.7 | 77.5 | 77.5 | 78.0 | 78.0 | 79.1 | 80.1 |
| ≥ 18000 | 19.8 | 54.5 | 60.6 | 65.7 | 70.3 | 72.9 | 74.2 | 75.3 | 76.3 | 76.7 | 77.5 | 77.5 | 78.0 | 78.0 | 79.1 | 80.1 |
| ≥ 16000 | 19.8 | 54.5 | 60.6 | 65.7 | 70.3 | 72.9 | 74.2 | 75.3 | 76.3 | 76.7 | 77.5 | 77.5 | 78.0 | 78.0 | 79.1 | 80.1 |
| ≥ 14000 | 19.8 | 54.5 | 60.6 | 65.7 | 70.3 | 72.9 | 74.2 | 75.3 | 76.3 | 76.7 | 77.5 | 77.5 | 78.0 | 78.0 | 79.1 | 80.1 |
| ≥ 12000 | 19.9 | 54.7 | 60.8 | 66.1 | 70.7 | 73.3 | 74.7 | 75.9 | 76.9 | 77.3 | 78.1 | 78.1 | 78.9 | 78.9 | 80.0 | 80.9 |
| ≥ 10000 | 20.1 | 55.7 | 62.0 | 67.4 | 72.2 | 74.8 | 76.3 | 77.6 | 78.6 | 79.0 | 80.0 | 80.0 | 80.8 | 80.9 | 82.0 | 83.0 |
| ≥ 9000 | 20.1 | 55.8 | 62.1 | 67.5 | 72.3 | 74.9 | 76.4 | 77.7 | 78.7 | 79.1 | 80.1 | 80.1 | 80.9 | 81.1 | 82.1 | 83.1 |
| ≥ 8000 | 21.0 | 57.7 | 64.0 | 69.4 | 74.3 | 76.9 | 78.5 | 79.8 | 80.7 | 81.2 | 82.1 | 82.1 | 83.1 | 83.2 | 84.3 | 85.3 |
| ≥ 7000 | 21.0 | 57.8 | 64.3 | 69.6 | 74.7 | 77.3 | 79.0 | 80.4 | 81.4 | 81.8 | 82.8 | 82.8 | 83.7 | 83.9 | 84.9 | 85.9 |
| ≥ 6000 | 21.0 | 57.9 | 64.4 | 69.8 | 74.8 | 77.4 | 79.1 | 80.5 | 81.5 | 81.9 | 82.9 | 82.9 | 83.9 | 84.0 | 85.0 | 86.0 |
| ≥ 5000 | 21.0 | 58.0 | 64.5 | 70.0 | 75.0 | 77.6 | 79.3 | 80.7 | 81.7 | 82.1 | 83.1 | 83.1 | 84.1 | 84.2 | 85.4 | 86.3 |
| ≥ 4500 | 21.0 | 58.0 | 64.6 | 70.1 | 75.1 | 77.7 | 79.4 | 80.8 | 81.8 | 82.2 | 83.2 | 83.2 | 84.2 | 84.3 | 85.5 | 86.4 |
| ≥ 4000 | 21.0 | 58.1 | 64.7 | 70.2 | 75.3 | 77.9 | 79.7 | 81.1 | 82.0 | 82.6 | 83.5 | 83.5 | 84.5 | 84.6 | 85.8 | 86.8 |
| ≥ 3500 | 21.0 | 58.1 | 64.7 | 70.2 | 75.3 | 77.9 | 79.7 | 81.1 | 82.0 | 82.6 | 83.5 | 83.5 | 84.5 | 84.6 | 85.8 | 86.8 |
| ≥ 3000 | 21.1 | 58.3 | 64.9 | 70.5 | 75.7 | 78.3 | 80.0 | 81.4 | 82.3 | 82.9 | 83.9 | 83.9 | 84.8 | 84.9 | 86.1 | 87.1 |
| ≥ 2500 | 21.1 | 58.6 | 65.1 | 70.7 | 75.9 | 78.5 | 80.2 | 81.6 | 82.6 | 83.1 | 84.1 | 84.1 | 85.0 | 85.1 | 86.3 | 87.3 |
| ≥ 2000 | 21.3 | 59.1 | 65.8 | 71.4 | 76.6 | 79.2 | 80.9 | 82.3 | 83.3 | 83.9 | 84.8 | 84.8 | 85.8 | 85.9 | 87.1 | 88.1 |
| ≥ 1800 | 21.3 | 59.1 | 65.8 | 71.4 | 76.6 | 79.2 | 80.9 | 82.3 | 83.3 | 83.9 | 84.8 | 84.8 | 85.8 | 85.9 | 87.1 | 88.1 |
| ≥ 1500 | 21.3 | 59.2 | 65.9 | 71.6 | 76.9 | 79.4 | 81.2 | 82.6 | 83.5 | 84.1 | 85.0 | 85.0 | 86.0 | 86.1 | 87.3 | 88.3 |
| ≥ 1200 | 21.5 | 59.4 | 66.1 | 71.8 | 77.0 | 79.7 | 81.4 | 82.9 | 83.9 | 84.4 | 85.4 | 85.4 | 86.3 | 86.4 | 87.6 | 88.6 |
| ≥ 1000 | 22.0 | 60.2 | 66.8 | 72.7 | 78.0 | 80.6 | 82.3 | 84.0 | 85.0 | 85.6 | 86.7 | 86.7 | 87.6 | 87.7 | 88.9 | 89.9 |
| ≥ 900 | 22.1 | 60.4 | 67.1 | 72.9 | 78.4 | 80.9 | 82.7 | 84.3 | 85.4 | 85.9 | 87.0 | 87.0 | 88.1 | 88.2 | 89.3 | 90.3 |
| ≥ 800 | 22.1 | 60.6 | 67.4 | 73.2 | 78.8 | 81.4 | 83.1 | 84.7 | 85.8 | 86.3 | 87.4 | 87.4 | 88.5 | 88.6 | 89.8 | 90.7 |
| ≥ 700 | 22.1 | 60.9 | 67.8 | 73.7 | 79.3 | 81.9 | 83.6 | 85.3 | 86.3 | 86.9 | 87.9 | 87.9 | 89.0 | 89.1 | 90.3 | 91.3 |
| ≥ 600 | 22.1 | 61.1 | 68.0 | 74.0 | 79.5 | 82.2 | 84.0 | 85.6 | 86.7 | 87.2 | 88.3 | 88.3 | 89.3 | 89.5 | 90.6 | 91.6 |
| ≥ 500 | 22.1 | 61.2 | 68.4 | 74.4 | 80.2 | 82.9 | 84.7 | 86.3 | 87.4 | 87.9 | 89.0 | 89.0 | 90.2 | 90.3 | 91.5 | 92.5 |
| ≥ 400 | 22.1 | 61.7 | 68.9 | 75.1 | 81.3 | 84.1 | 85.9 | 87.8 | 88.9 | 89.5 | 90.6 | 90.6 | 92.0 | 92.1 | 93.3 | 94.4 |
| ≥ 300 | 22.1 | 61.8 | 69.0 | 75.3 | 81.6 | 84.4 | 86.3 | 88.5 | 89.9 | 90.6 | 91.8 | 91.8 | 93.3 | 93.4 | 94.6 | 95.9 |
| ≥ 200 | 22.1 | 61.8 | 69.0 | 75.3 | 81.8 | 84.6 | 86.7 | 89.2 | 90.6 | 91.5 | 93.0 | 93.0 | 94.7 | 94.8 | 96.2 | 97.6 |
| ≥ 100 | 22.1 | 61.8 | 69.0 | 75.3 | 81.8 | 84.6 | 86.8 | 89.3 | 90.7 | 91.7 | 93.2 | 93.2 | 95.3 | 95.5 | 97.2 | 99.0 |
| ≥ 0 | 22.1 | 61.8 | 69.0 | 75.3 | 81.8 | 84.6 | 86.8 | 89.3 | 90.7 | 91.7 | 93.2 | 93.2 | 95.4 | 95.9 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

(3851) STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.7 | 38.8 | 46.2 | 52.7 | 57.5 | 59.2 | 60.1 | 61.0 | 61.5 | 61.8 | 62.4 | 62.4 | 63.0 | 63.0 | 63.3 | 64.0 |
| ≥ 20000 | 8.3 | 42.9 | 51.3 | 58.2 | 63.0 | 64.8 | 66.0 | 67.4 | 68.2 | 68.7 | 69.4 | 69.4 | 70.1 | 70.1 | 70.4 | 71.4 |
| ≥ 18000 | 8.3 | 42.9 | 51.5 | 58.4 | 63.2 | 65.1 | 66.2 | 67.6 | 68.4 | 68.9 | 69.6 | 69.6 | 70.3 | 70.3 | 70.6 | 71.6 |
| ≥ 16000 | 8.3 | 42.9 | 51.5 | 58.4 | 63.2 | 65.1 | 66.2 | 67.6 | 68.4 | 68.9 | 69.6 | 69.6 | 70.3 | 70.3 | 70.6 | 71.6 |
| ≥ 14000 | 8.3 | 43.2 | 51.8 | 58.7 | 63.5 | 65.4 | 66.6 | 68.0 | 68.7 | 69.2 | 69.9 | 69.9 | 70.6 | 70.6 | 71.0 | 71.9 |
| ≥ 12000 | 8.5 | 44.0 | 52.8 | 59.8 | 64.9 | 66.8 | 68.2 | 69.6 | 70.3 | 71.0 | 71.7 | 71.7 | 72.5 | 72.5 | 72.8 | 73.8 |
| ≥ 10000 | 8.7 | 45.2 | 54.1 | 61.7 | 67.3 | 69.5 | 71.0 | 72.7 | 73.9 | 74.6 | 75.4 | 75.4 | 76.1 | 76.2 | 76.6 | 77.6 |
| ≥ 9000 | 8.7 | 45.4 | 54.3 | 61.9 | 67.5 | 69.7 | 71.2 | 72.9 | 74.1 | 74.8 | 75.6 | 75.6 | 76.3 | 76.5 | 76.8 | 77.8 |
| ≥ 8000 | 9.0 | 46.9 | 55.8 | 63.5 | 69.2 | 71.4 | 73.0 | 74.7 | 75.9 | 76.7 | 77.4 | 77.4 | 78.2 | 78.3 | 78.6 | 79.7 |
| ≥ 7000 | 9.4 | 47.6 | 56.6 | 64.4 | 70.1 | 72.3 | 73.9 | 75.6 | 76.8 | 77.5 | 78.4 | 78.4 | 79.1 | 79.2 | 79.6 | 80.6 |
| ≥ 6000 | 9.6 | 48.0 | 56.9 | 64.7 | 70.4 | 72.6 | 74.2 | 75.9 | 77.1 | 77.8 | 78.7 | 78.7 | 79.5 | 79.6 | 79.9 | 81.0 |
| ≥ 5000 | 9.6 | 48.0 | 56.9 | 64.7 | 70.5 | 72.7 | 74.3 | 76.0 | 77.3 | 78.1 | 78.9 | 78.9 | 79.7 | 79.8 | 80.1 | 81.2 |
| ≥ 4500 | 9.6 | 48.0 | 57.1 | 64.9 | 70.8 | 72.9 | 74.5 | 76.2 | 77.5 | 78.3 | 79.1 | 79.1 | 79.9 | 80.0 | 80.3 | 81.4 |
| ≥ 4000 | 9.7 | 48.1 | 57.2 | 65.2 | 71.1 | 73.2 | 74.9 | 76.8 | 78.1 | 78.8 | 79.7 | 79.7 | 80.4 | 80.5 | 80.9 | 81.9 |
| ≥ 3500 | 9.7 | 48.1 | 57.2 | 65.2 | 71.1 | 73.2 | 74.9 | 76.8 | 78.1 | 78.8 | 79.6 | 79.7 | 80.4 | 80.5 | 80.9 | 81.9 |
| ≥ 3000 | 9.8 | 48.2 | 57.4 | 65.4 | 71.4 | 73.5 | 75.3 | 77.1 | 78.4 | 79.1 | 80.0 | 80.0 | 80.8 | 80.9 | 81.2 | 82.3 |
| ≥ 2500 | 9.8 | 48.3 | 57.5 | 65.5 | 71.5 | 73.8 | 75.5 | 77.3 | 78.6 | 79.4 | 80.2 | 80.2 | 81.0 | 81.1 | 81.4 | 82.5 |
| ≥ 2000 | 9.9 | 48.6 | 58.0 | 66.0 | 72.0 | 74.3 | 76.0 | 77.8 | 79.1 | 79.9 | 80.8 | 80.8 | 81.5 | 81.6 | 81.9 | 83.0 |
| ≥ 1800 | 9.9 | 48.6 | 58.0 | 66.0 | 72.0 | 74.3 | 76.0 | 77.8 | 79.1 | 79.9 | 80.8 | 80.8 | 81.5 | 81.6 | 81.9 | 83.0 |
| ≥ 1500 | 9.8 | 49.0 | 58.4 | 66.6 | 72.6 | 74.8 | 76.7 | 78.5 | 79.8 | 80.5 | 81.4 | 81.4 | 82.2 | 82.3 | 82.6 | 83.7 |
| ≥ 1200 | 9.8 | 49.1 | 58.7 | 66.9 | 73.0 | 75.4 | 77.2 | 79.0 | 80.3 | 81.1 | 81.9 | 81.9 | 82.7 | 82.8 | 83.1 | 84.2 |
| ≥ 1000 | 10.2 | 50.9 | 60.5 | 68.9 | 75.1 | 77.4 | 79.2 | 81.1 | 82.4 | 83.2 | 84.1 | 84.1 | 84.8 | 84.9 | 85.3 | 86.3 |
| ≥ 900 | 10.3 | 51.4 | 61.1 | 69.6 | 75.9 | 78.4 | 80.2 | 82.2 | 83.4 | 84.3 | 85.2 | 85.2 | 85.9 | 86.0 | 86.3 | 87.4 |
| ≥ 800 | 10.3 | 52.4 | 62.2 | 70.8 | 77.3 | 79.8 | 81.6 | 83.5 | 84.8 | 85.7 | 86.6 | 86.6 | 87.3 | 87.4 | 87.7 | 88.8 |
| ≥ 700 | 10.3 | 52.7 | 62.7 | 71.4 | 78.0 | 80.5 | 82.5 | 84.5 | 85.9 | 86.8 | 87.6 | 87.6 | 88.4 | 88.5 | 88.8 | 89.9 |
| ≥ 600 | 10.3 | 53.2 | 63.3 | 72.2 | 78.9 | 81.6 | 83.5 | 85.6 | 87.0 | 87.8 | 88.8 | 88.8 | 89.6 | 89.7 | 90.0 | 91.1 |
| ≥ 500 | 10.4 | 53.7 | 64.1 | 72.9 | 79.9 | 82.7 | 84.7 | 86.8 | 88.2 | 89.0 | 90.0 | 90.0 | 90.9 | 91.0 | 91.3 | 92.4 |
| ≥ 400 | 10.4 | 54.1 | 64.8 | 73.7 | 80.8 | 83.5 | 85.8 | 88.3 | 89.8 | 91.1 | 91.9 | 91.9 | 92.8 | 92.9 | 93.2 | 94.3 |
| ≥ 300 | 10.4 | 54.2 | 65.3 | 74.2 | 81.9 | 84.7 | 87.2 | 89.7 | 91.4 | 92.8 | 94.0 | 94.0 | 95.1 | 95.2 | 95.6 | 96.7 |
| ≥ 200 | 10.4 | 54.2 | 65.3 | 74.2 | 81.9 | 84.7 | 87.5 | 90.0 | 91.8 | 93.4 | 95.1 | 95.1 | 96.7 | 96.8 | 97.4 | 98.9 |
| ≥ 100 | 10.4 | 54.2 | 65.3 | 74.2 | 81.9 | 84.7 | 87.6 | 90.1 | 92.0 | 93.7 | 95.3 | 95.3 | 97.0 | 97.1 | 98.2 | 99.9 |
| ≥ 0 | 10.4 | 54.2 | 65.3 | 74.2 | 81.9 | 84.7 | 87.6 | 90.1 | 92.0 | 93.7 | 95.3 | 95.3 | 97.0 | 97.1 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13550 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 18.1 | 57.0 | 59.0 | 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 |
| ≥ 20000 | 21.2 | 68.1 | 70.3 | 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 |
| ≥ 18000 | 21.2 | 68.2 | 70.4 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 16000 | 21.2 | 68.2 | 70.4 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70. | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 14000 | 21.2 | 68.6 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 12000 | 21.5 | 71.0 | 73.5 | 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 |
| ≥ 10000 | 23.3 | 74.6 | 77.3 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 9000 | 23.3 | 74.6 | 77.3 | 78.1 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 8000 | 23.9 | 76.5 | 79.1 | 79.9 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 7000 | 24.0 | 77.2 | 80.1 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 6000 | 24.0 | 77.2 | 80.1 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 5000 | 24.1 | 77.2 | 80.1 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4500 | 24.0 | 77.3 | 80.2 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 4000 | 24.1 | 78.3 | 81.2 | 82.3 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 3500 | 24.2 | 78.7 | 81.6 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 24.3 | 80.3 | 83.2 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2500 | 24.8 | 82.8 | 85.8 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 2000 | 25.7 | 86.2 | 88.3 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1800 | 26.1 | 86.0 | 89.1 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1500 | 27.0 | 89.0 | 92.3 | 93.2 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1200 | 27.4 | 90.3 | 94.1 | 95.2 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1000 | 27.7 | 91.2 | 94.9 | 96.2 | 96.5 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 900 | 28.1 | 91.6 | 95.6 | 96.9 | 97.3 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 800 | 29.1 | 92.2 | 96.1 | 97.4 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 28.3 | 92.7 | 96.8 | 98.3 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 28.4 | 93.0 | 97.1 | 98.6 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 28.4 | 93.1 | 97.2 | 98.7 | 99.4 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 28.4 | 93.1 | 97.2 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 28.4 | 93.1 | 97.2 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.4 | 93.1 | 97.2 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.4 | 93.1 | 97.2 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 28.4 | 93.1 | 97.2 | 98.8 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 20.4 | 52.9 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 20000 | 24.4 | 67.4 | 68.2 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 18000 | 24.4 | 67.4 | 68.2 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 16000 | 24.4 | 67.4 | 68.2 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 14000 | 24.6 | 68.1 | 68.8 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 12000 | 25.3 | 71.0 | 71.8 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 10000 | 27.1 | 75.8 | 77.0 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 9000 | 27.3 | 76.2 | 77.4 | 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 |
| ≥ 8000 | 28.5 | 79.7 | 81.0 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 7000 | 28.9 | 80.6 | 82.0 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 6000 | 28.9 | 80.6 | 82.0 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 5000 | 29.3 | 81.5 | 82.9 | 83.2 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 4500 | 29.1 | 82.2 | 83.5 | 83.9 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4000 | 30.4 | 86.2 | 87.8 | 88.3 | 88.6 | 88.7 | 89.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3500 | 31.2 | 88.2 | 89.8 | 90.3 | 90.6 | 90.8 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 3000 | 32.0 | 90.9 | 92.6 | 93.1 | 93.4 | 93.5 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 2500 | 32.3 | 92.9 | 94.9 | 95.7 | 96.1 | 96.2 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 2000 | 33.0 | 93.4 | 95.6 | 96.5 | 96.9 | 97.0 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1800 | 33.1 | 93.5 | 95.7 | 96.6 | 97.0 | 97.1 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1500 | 33.2 | 94.2 | 96.3 | 97.5 | 98.0 | 98.1 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 33.3 | 94.3 | 96.6 | 97.7 | 98.2 | 98.3 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 33.7 | 94.7 | 97.0 | 98.2 | 98.6 | 98.7 | 99.1 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 33.8 | 94.8 | 97.1 | 98.3 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 33.8 | 94.8 | 97.1 | 98.3 | 98.7 | 98.8 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 33.8 | 94.9 | 97.2 | 98.4 | 98.9 | 99.0 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.3 | 48.7 | 49.4 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 20000 | 29.4 | 70.8 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 18000 | 29.4 | 70.8 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 16000 | 29.4 | 70.8 | 71.5 | 71.5 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 29.8 | 71.7 | 72.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 12000 | 30.3 | 74.3 | 75.3 | 75.5 | 75.9 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 10000 | 32.9 | 81.3 | 82.4 | 82.6 | 83.0 | 83.0 | 83.1 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 9000 | 33.3 | 82.2 | 83.2 | 83.4 | 83.9 | 83.9 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 8000 | 34.2 | 86.1 | 87.2 | 87.4 | 87.8 | 87.8 | 88.0 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 7000 | 34.5 | 87.6 | 88.7 | 88.9 | 89.4 | 89.4 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 6000 | 34.9 | 88.3 | 89.4 | 89.6 | 90.0 | 90.0 | 90.1 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 5000 | 35.2 | 88.6 | 90.0 | 90.2 | 90.6 | 90.6 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 4500 | 35.4 | 89.8 | 91.1 | 91.2 | 91.6 | 91.6 | 91.7 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 4000 | 35.6 | 91.7 | 93.1 | 93.7 | 94.2 | 94.2 | 94.3 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 3500 | 36.0 | 92.7 | 94.1 | 94.6 | 95.2 | 95.2 | 95.3 | 95.4 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 3000 | 36.2 | 93.5 | 95.1 | 95.7 | 96.5 | 96.5 | 96.6 | 96.7 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 2500 | 36.5 | 94.3 | 95.9 | 96.9 | 97.6 | 97.6 | 97.7 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2000 | 36.7 | 94.5 | 96.1 | 97.2 | 98.0 | 98.0 | 98.1 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1800 | 36.7 | 94.5 | 96.1 | 97.2 | 98.1 | 98.1 | 98.2 | 98.3 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 1500 | 36.7 | 94.6 | 96.2 | 97.3 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1200 | 36.9 | 94.8 | 96.5 | 97.5 | 98.5 | 98.5 | 98.7 | 98.8 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 36.9 | 94.9 | 96.6 | 97.6 | 98.6 | 98.6 | 98.8 | 98.9 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 900 | 36.9 | 95.1 | 96.7 | 97.7 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| 0 | 36.9 | 95.2 | 96.8 | 97.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.3 | 46.3 | 47.3 | 47.7 | 47.8 | 47.8 | 48.0 | 48.1 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 20000 | 34.4 | 72.2 | 73.5 | 74.2 | 74.3 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 18000 | 34.4 | 72.2 | 73.5 | 74.2 | 74.3 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 16000 | 34.4 | 72.3 | 73.7 | 74.3 | 74.4 | 74.4 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 14000 | 34.5 | 73.0 | 74.5 | 75.2 | 75.3 | 75.3 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 12000 | 34.7 | 74.3 | 75.9 | 77.1 | 77.3 | 77.3 | 77.4 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 10000 | 37.4 | 80.5 | 82.6 | 83.8 | 84.1 | 84.1 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 9000 | 37.7 | 81.4 | 83.4 | 84.6 | 84.9 | 84.9 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 8000 | 39.1 | 85.7 | 88.1 | 89.2 | 89.6 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 7000 | 39.7 | 86.6 | 88.9 | 90.1 | 90.4 | 90.4 | 90.5 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 6000 | 40.0 | 87.1 | 89.5 | 90.6 | 91.0 | 91.0 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 5000 | 40.0 | 88.2 | 90.6 | 91.9 | 92.3 | 92.3 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 4500 | 40.3 | 88.4 | 91.0 | 92.3 | 92.7 | 92.7 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4000 | 41.5 | 90.8 | 93.4 | 94.7 | 95.3 | 95.3 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 3500 | 40.8 | 91.5 | 94.4 | 95.7 | 96.2 | 96.2 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 41.1 | 92.3 | 95.5 | 96.8 | 97.4 | 97.4 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 2500 | 41.2 | 92.6 | 95.8 | 97.3 | 98.0 | 98.0 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 41.2 | 92.7 | 95.9 | 97.5 | 98.3 | 98.3 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 41.2 | 92.8 | 96.0 | 97.6 | 98.4 | 98.4 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1500 | 41.2 | 92.8 | 96.0 | 97.6 | 98.4 | 98.4 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 41.2 | 92.8 | 96.1 | 97.6 | 98.4 | 98.4 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1000 | 41.2 | 92.9 | 96.1 | 97.7 | 98.5 | 98.5 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 900 | 41.2 | 93.0 | 96.2 | 97.8 | 98.6 | 98.6 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 41.2 | 93.2 | 96.6 | 98.2 | 98.9 | 98.9 | 99.1 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 41.2 | 93.4 | 96.8 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 41.2 | 93.4 | 96.8 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 41.2 | 93.4 | 96.8 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 41.2 | 93.5 | 96.9 | 98.6 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 41.2 | 93.5 | 96.9 | 98.6 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 41.2 | 93.5 | 96.9 | 98.6 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 41.2 | 93.5 | 96.9 | 98.6 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 41.2 | 93.5 | 96.9 | 98.6 | 99.4 | 99.4 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3359 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.1 | 68.5 | 69.2 | 70.3 | 70.9 | 70.9 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 20000 | 42.7 | 80.4 | 81.7 | 82.8 | 83.4 | 83.4 | 83.5 | 83.8 | 83.8 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 18000 | 42.7 | 80.4 | 81.7 | 82.8 | 83.4 | 83.4 | 83.5 | 83.8 | 83.8 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 16000 | 42.7 | 80.4 | 81.7 | 82.8 | 83.4 | 83.4 | 83.5 | 83.8 | 83.8 | 83.9 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 14000 | 42.8 | 80.5 | 81.8 | 82.9 | 83.5 | 83.5 | 83.7 | 83.9 | 83.9 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 12000 | 42.9 | 81.2 | 82.5 | 83.8 | 84.4 | 84.4 | 84.5 | 84.7 | 84.7 | 84.8 | 84.9 | 84.9 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 10000 | 44.7 | 84.2 | 85.7 | 87.1 | 87.7 | 87.7 | 87.8 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 9000 | 45.1 | 84.5 | 86.0 | 87.4 | 88.1 | 88.1 | 88.2 | 88.4 | 88.4 | 88.5 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 8000 | 46.3 | 87.5 | 89.2 | 90.6 | 91.4 | 91.4 | 91.5 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 7000 | 46.5 | 88.0 | 89.7 | 91.1 | 91.8 | 91.8 | 91.9 | 92.2 | 92.2 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 6000 | 46.5 | 88.1 | 89.8 | 91.2 | 91.9 | 91.9 | 92.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 5000 | 46.5 | 88.4 | 90.1 | 91.5 | 92.3 | 92.3 | 92.4 | 92.6 | 92.6 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 4500 | 46.8 | 89.0 | 90.8 | 92.2 | 92.9 | 92.9 | 93.0 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 4000 | 47.2 | 90.6 | 92.5 | 93.9 | 94.6 | 94.6 | 94.7 | 94.9 | 94.9 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 3500 | 47.4 | 91.1 | 92.9 | 94.3 | 95.1 | 95.1 | 95.2 | 95.4 | 95.4 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 3000 | 47.5 | 91.4 | 93.2 | 94.6 | 95.5 | 95.5 | 95.6 | 95.8 | 95.8 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 2500 | 47.6 | 91.7 | 93.5 | 94.9 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.3 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 47.7 | 92.2 | 94.0 | 95.4 | 96.3 | 96.3 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 47.7 | 92.2 | 94.0 | 95.4 | 96.3 | 96.3 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 47.7 | 92.2 | 94.0 | 95.4 | 96.3 | 96.3 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 47.8 | 92.3 | 94.1 | 95.6 | 96.6 | 96.6 | 96.7 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 48.0 | 92.4 | 94.2 | 95.7 | 96.7 | 96.7 | 96.8 | 97.0 | 97.0 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 48.3 | 92.5 | 94.3 | 95.8 | 96.8 | 96.8 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 48.4 | 92.7 | 94.5 | 96.0 | 97.0 | 97.0 | 97.1 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 48.6 | 92.7 | 94.5 | 96.0 | 97.0 | 97.0 | 97.1 | 97.3 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 600 | 48.7 | 92.8 | 94.6 | 96.1 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 48.1 | 93.4 | 95.3 | 96.8 | 97.7 | 97.7 | 97.8 | 98.1 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | 48.1 | 93.5 | 95.4 | 96.9 | 97.8 | 98.0 | 98.1 | 98.3 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 48.1 | 93.7 | 95.5 | 97.1 | 98.1 | 98.2 | 98.3 | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 200 | 48.1 | 93.7 | 95.5 | 97.1 | 98.1 | 98.4 | 98.5 | 98.8 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 100 | 48.1 | 93.7 | 95.5 | 97.1 | 98.1 | 98.4 | 98.5 | 98.8 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.9 |
| ≥ 0 | 48.1 | 93.7 | 95.5 | 97.1 | 98.1 | 98.4 | 98.5 | 98.8 | 99.0 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.0 | 54.7 | 57.3 | 59.2 | 60.5 | 61.0 | 61.4 | 61.7 | 62. | 62.1 | 62.3 | 62.3 | 62.5 | 62.5 | 62.6 | 62.8 |
| ≥ 20000 | 27.1 | 66.8 | 69.8 | 71.9 | 73.2 | 73.8 | 74.3 | 74.7 | 75.0 | 75.1 | 75.3 | 75.3 | 75.5 | 75.5 | 75.7 | 76.0 |
| ≥ 18000 | 27.1 | 66.8 | 69.9 | 71.9 | 73.3 | 73.9 | 74.3 | 74.7 | 75.0 | 75.1 | 75.4 | 75.4 | 75.6 | 75.6 | 75.8 | 76.0 |
| ≥ 16000 | 27.1 | 66.8 | 69.9 | 71.9 | 73.3 | 73.9 | 74.3 | 74.7 | 75.0 | 75.1 | 75.4 | 75.4 | 75.6 | 75.6 | 75.8 | 76.0 |
| ≥ 14000 | 27.2 | 67.2 | 70.3 | 72.3 | 73.7 | 74.3 | 74.8 | 75.2 | 75.4 | 75.6 | 75.8 | 75.8 | 76.0 | 76.0 | 76.2 | 76.5 |
| ≥ 12000 | 27.6 | 68.6 | 71.9 | 74.1 | 75.5 | 76.1 | 76.6 | 77.0 | 77.3 | 77.4 | 77.7 | 77.7 | 77.9 | 77.9 | 78.1 | 78.4 |
| ≥ 10000 | 29.0 | 72.2 | 75.6 | 77.9 | 79.5 | 80.1 | 80.7 | 81.2 | 81.5 | 81.7 | 81.9 | 81.9 | 82.2 | 82.2 | 82.4 | 82.7 |
| ≥ 9000 | 29.2 | 72.5 | 75.9 | 78.3 | 79.8 | 80.5 | 81.0 | 81.5 | 81.9 | 82.0 | 82.3 | 82.3 | 82.5 | 82.6 | 82.8 | 83.0 |
| ≥ 8000 | 30.1 | 75.2 | 78.8 | 81.1 | 82.7 | 83.4 | 83.9 | 84.4 | 84.8 | 84.9 | 85.2 | 85.2 | 85.4 | 85.5 | 85.7 | 86.0 |
| ≥ 7000 | 30.3 | 75.9 | 79.5 | 81.9 | 83.5 | 84.2 | 84.8 | 85.3 | 85.6 | 85.8 | 86.1 | 86.1 | 86.3 | 86.3 | 86.5 | 86.8 |
| ≥ 6000 | 30.5 | 76.2 | 79.8 | 82.2 | 83.8 | 84.4 | 85.0 | 85.5 | 85.9 | 86.0 | 86.3 | 86.3 | 86.6 | 86.6 | 86.8 | 87.1 |
| ≥ 5000 | 30.9 | 76.6 | 80.2 | 82.6 | 84.3 | 84.9 | 85.5 | 86.0 | 86.4 | 86.5 | 86.8 | 86.8 | 87.1 | 87.1 | 87.3 | 87.6 |
| ≥ 4500 | 30.7 | 76.9 | 80.6 | 83.0 | 84.7 | 85.4 | 86.0 | 86.4 | 86.8 | 87.0 | 87.3 | 87.3 | 87.5 | 87.5 | 87.8 | 88.0 |
| ≥ 4000 | 31. | 78.4 | 82.2 | 84.6 | 86.4 | 87.1 | 87.7 | 88.2 | 88.6 | 88.7 | 89.0 | 89.0 | 89.3 | 89.3 | 89.5 | 89.8 |
| ≥ 3500 | 31.2 | 79.0 | 82.8 | 85.3 | 87.1 | 87.8 | 88.4 | 89.0 | 89.3 | 89.5 | 89.8 | 89.8 | 90.0 | 90.1 | 90.3 | 90.5 |
| ≥ 3000 | 31.4 | 79.6 | 83.7 | 86.3 | 88.1 | 88.8 | 89.4 | 90.0 | 90.3 | 90.5 | 90.8 | 90.8 | 91.1 | 91.1 | 91.3 | 91.6 |
| ≥ 2500 | 31.6 | 80.6 | 84.6 | 87.2 | 89.1 | 89.8 | 90.4 | 91.0 | 91.3 | 91.5 | 91.8 | 91.8 | 92.1 | 92.1 | 92.3 | 92.6 |
| ≥ 2000 | 31.8 | 81.2 | 85.2 | 87.9 | 89.8 | 90.5 | 91.2 | 91.7 | 92.1 | 92.2 | 92.6 | 92.6 | 92.8 | 92.8 | 93.1 | 93.3 |
| ≥ 1800 | 31.9 | 81.4 | 85.4 | 88.1 | 90.0 | 90.7 | 91.3 | 91.9 | 92.2 | 92.4 | 92.7 | 92.7 | 93.0 | 93.0 | 93.2 | 93.5 |
| ≥ 1500 | 32.0 | 81.9 | 86.0 | 88.7 | 90.6 | 91.3 | 92.0 | 92.6 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 93.7 | 93.9 | 94.2 |
| ≥ 1200 | 32.2 | 82.2 | 86.4 | 89.1 | 91.1 | 91.8 | 92.5 | 93.1 | 93.4 | 93.6 | 93.9 | 93.9 | 94.2 | 94.2 | 94.4 | 94.7 |
| ≥ 1000 | 32.4 | 82.8 | 86.9 | 89.8 | 91.8 | 92.5 | 93.2 | 93.8 | 94.1 | 94.4 | 94.7 | 94.7 | 94.9 | 95.0 | 95.2 | 95.5 |
| ≥ 900 | 32.5 | 83.0 | 87.2 | 90.0 | 92.1 | 92.8 | 93.5 | 94.1 | 94.5 | 94.7 | 95. | 95.0 | 95.3 | 95.3 | 95.6 | 95.9 |
| ≥ 800 | 32.5 | 83.3 | 87.5 | 90.4 | 92.5 | 93.3 | 93.9 | 94.5 | 94.9 | 95.1 | 95.4 | 95.4 | 95.7 | 95.8 | 96.0 | 96.3 |
| ≥ 700 | 32.5 | 83.5 | 87.8 | 90.7 | 92.8 | 93.6 | 94.3 | 94.9 | 95.3 | 95.5 | 95.8 | 95.8 | 96.1 | 96.1 | 96.4 | 96.6 |
| ≥ 600 | 32.5 | 83.6 | 87.9 | 90.9 | 93. | 93.8 | 94.5 | 95.1 | 95.5 | 95.7 | 96.1 | 96.1 | 96.4 | 96.4 | 96.6 | 96.9 |
| ≥ 500 | 32.6 | 83.8 | 88.1 | 91.1 | 93.4 | 94.2 | 94.9 | 95.5 | 95.9 | 96.1 | 96.5 | 96.5 | 96.8 | 96.8 | 97.1 | 97.3 |
| ≥ 400 | 32.6 | 84. | 88.4 | 91.5 | 93.7 | 94.6 | 95.3 | 96.1 | 96.5 | 96.8 | 97.1 | 97.1 | 97.5 | 97.5 | 97.8 | 98.0 |
| ≥ 300 | 32.6 | 84.0 | 88.5 | 91.6 | 94.0 | 94.9 | 95.7 | 96.4 | 96.9 | 97.3 | 97.7 | 97.7 | 98.1 | 98.1 | 98.4 | 98.7 |
| ≥ 200 | 32.6 | 84.0 | 88.5 | 91.6 | 94.0 | 94.9 | 95.8 | 96.6 | 97.1 | 97.6 | 98.1 | 98.1 | 98.6 | 98.7 | 99.0 | 99.4 |
| ≥ 100 | 32.6 | 84.0 | 88.5 | 91.6 | 94.0 | 94.9 | 95.8 | 96.7 | 97.2 | 97.7 | 98.2 | 98.2 | 98.8 | 98.8 | 99.3 | 99.8 |
| ≥ 0 | 32.6 | 84.0 | 88.5 | 91.6 | 94.0 | 94.9 | 95.8 | 96.7 | 97.2 | 97.7 | 98.2 | 98.2 | 98.8 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13550 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.3 | 63.3 | 67.1 | 68.8 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.6 |
| ≥ 20000 | 31.4 | 67.7 | 71.7 | 73.7 | 75.3 | 75.6 | 75.6 | 75.6 | 75.7 | 75.8 | 75.9 | 75.9 | 75.8 | 75.8 | 75.8 | 75.9 |
| ≥ 18000 | 31.4 | 67.7 | 71.7 | 73.7 | 75.3 | 75.6 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| ≥ 16000 | 31.4 | 67.7 | 71.7 | 73.7 | 75.3 | 75.6 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 |
| ≥ 14000 | 31.8 | 68.0 | 72.0 | 74.0 | 75.7 | 75.9 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.2 |
| ≥ 12000 | 31.9 | 69.3 | 73.3 | 75.3 | 77.0 | 77.2 | 77.2 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.6 |
| ≥ 10000 | 32.3 | 72.8 | 77.1 | 79.3 | 81.0 | 81.2 | 81.4 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 |
| ≥ 9000 | 32.8 | 73.0 | 77.3 | 79.6 | 81.2 | 81.4 | 81.7 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 |
| ≥ 8000 | 33.2 | 74.7 | 79.0 | 81.4 | 83.4 | 83.7 | 83.9 | 83.9 | 84.0 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 |
| ≥ 7000 | 33.4 | 75.1 | 79.4 | 81.9 | 83.9 | 84.2 | 84.4 | 84.4 | 84.6 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 |
| ≥ 6000 | 33.4 | 76.2 | 80.6 | 83.0 | 85.1 | 85.4 | 85.7 | 85.7 | 85.8 | 85.9 | 85.9 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 |
| ≥ 5000 | 33.9 | 77.1 | 81.4 | 83.9 | 86.0 | 86.3 | 86.6 | 86.6 | 86.7 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 |
| ≥ 4500 | 34.0 | 77.4 | 81.8 | 84.3 | 86.4 | 86.8 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 |
| ≥ 4000 | 34.0 | 77.4 | 81.8 | 84.3 | 86.4 | 86.8 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.7 |
| ≥ 3500 | 34.3 | 77.9 | 82.3 | 84.9 | 87.0 | 87.3 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 |
| ≥ 3000 | 34.6 | 78.4 | 83.1 | 85.8 | 87.9 | 88.2 | 88.4 | 88.4 | 88.6 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 | 89.1 |
| ≥ 2500 | 34.7 | 78.6 | 83.2 | 86.0 | 88.1 | 88.4 | 88.7 | 88.7 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.3 |
| ≥ 2000 | 34.9 | 79.0 | 83.8 | 86.6 | 88.7 | 89.0 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 |
| ≥ 1800 | 35.1 | 79.6 | 84.3 | 87.1 | 89.2 | 89.6 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 |
| ≥ 1500 | 35.4 | 80.1 | 84.9 | 87.7 | 89.8 | 90.1 | 90.3 | 90.3 | 90.4 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 91.0 |
| ≥ 1200 | 35.4 | 80.3 | 85.1 | 88.0 | 90.1 | 90.4 | 90.7 | 90.7 | 90.8 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.3 |
| ≥ 1000 | 35.7 | 80.7 | 85.4 | 88.3 | 90.4 | 90.8 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.7 |
| ≥ 900 | 36.1 | 81.4 | 86.2 | 89.1 | 91.2 | 91.6 | 91.8 | 91.8 | 91.9 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.4 |
| ≥ 800 | 36.3 | 81.9 | 86.9 | 89.8 | 91.9 | 92.2 | 92.6 | 92.6 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.2 |
| ≥ 700 | 36.6 | 82.4 | 87.6 | 90.7 | 92.8 | 93.1 | 93.4 | 93.4 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 |
| ≥ 600 | 36.9 | 83.2 | 88.4 | 91.6 | 93.7 | 94.0 | 94.3 | 94.3 | 94.4 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 95.0 |
| ≥ 500 | 36.9 | 83.8 | 89.4 | 92.8 | 94.9 | 95.2 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 |
| ≥ 400 | 37.3 | 84.8 | 90.4 | 94.0 | 96.2 | 96.6 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 |
| ≥ 300 | 37.3 | 84.9 | 90.6 | 94.1 | 96.3 | 96.8 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 98.0 |
| ≥ 200 | 37.3 | 84.9 | 90.6 | 94.3 | 96.7 | 97.1 | 97.6 | 97.6 | 97.9 | 98.1 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 | 98.9 |
| ≥ 100 | 37.3 | 84.9 | 90.6 | 94.3 | 96.8 | 97.2 | 97.7 | 97.7 | 98.0 | 98.2 | 98.3 | 98.7 | 98.8 | 98.8 | 99.2 | 99.6 |
| ≥ 0 | 37.3 | 84.9 | 90.6 | 94.3 | 96.8 | 97.2 | 97.7 | 97.7 | 98.0 | 98.2 | 98.4 | 98.8 | 98.9 | 98.9 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13550 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.3 | 49.3 | 54.9 | 59.2 | 62.4 | 63.8 | 64.8 | 65.6 | 66.0 | 66.1 | 66.2 | 66.3 | 67.1 | 67.1 | 67.3 | 67.9 |
| ≥ 20000 | 21.4 | 51.3 | 57.2 | 61.8 | 65.2 | 66.6 | 67.6 | 68.3 | 68.9 | 69.0 | 69.1 | 69.2 | 70.0 | 70.0 | 70.3 | 71.1 |
| ≥ 18000 | 21.7 | 51.6 | 57.4 | 62.0 | 65.4 | 66.8 | 67.8 | 68.6 | 69.1 | 69.2 | 69.3 | 69.4 | 70.2 | 70.2 | 70.6 | 71.3 |
| ≥ 16000 | 21.7 | 51.6 | 57.4 | 62.0 | 65.4 | 66.8 | 67.8 | 68.6 | 69.1 | 69.2 | 69.3 | 69.4 | 70.2 | 70.2 | 70.6 | 71.3 |
| ≥ 14000 | 21.7 | 51.6 | 57.4 | 62.0 | 65.4 | 66.8 | 67.8 | 68.6 | 69.1 | 69.2 | 69.3 | 69.4 | 70.2 | 70.2 | 70.6 | 71.3 |
| ≥ 12000 | 21.9 | 52.7 | 58.6 | 63.1 | 66.6 | 67.9 | 68.9 | 69.7 | 70.2 | 70.3 | 70.4 | 70.6 | 71.3 | 71.3 | 71.7 | 72.4 |
| ≥ 10000 | 22.0 | 53.9 | 60.1 | 64.7 | 68.2 | 69.7 | 70.7 | 71.4 | 72.1 | 72.2 | 72.3 | 72.4 | 73.2 | 73.2 | 73.6 | 74.3 |
| ≥ 9000 | 22.0 | 53.9 | 60.2 | 64.8 | 68.3 | 69.8 | 70.8 | 71.6 | 72.2 | 72.3 | 72.4 | 72.6 | 73.3 | 73.3 | 73.7 | 74.4 |
| ≥ 8000 | 23.1 | 56.1 | 62.4 | 67.1 | 70.9 | 72.4 | 73.6 | 74.4 | 75.2 | 75.3 | 75.6 | 75.9 | 76.7 | 76.7 | 77.0 | 77.8 |
| ≥ 7000 | 23.1 | 56.1 | 62.6 | 67.2 | 71.0 | 72.6 | 73.7 | 74.6 | 75.3 | 75.4 | 75.7 | 76.0 | 76.8 | 76.8 | 77.1 | 77.9 |
| ≥ 6000 | 23.1 | 56.8 | 63.2 | 67.9 | 71.7 | 73.2 | 74.3 | 75.2 | 76.0 | 76.1 | 76.3 | 76.7 | 77.4 | 77.4 | 77.8 | 78.6 |
| ≥ 5000 | 23.7 | 57.9 | 64.3 | 69.0 | 72.8 | 74.3 | 75.4 | 76.3 | 77.1 | 77.2 | 77.4 | 77.8 | 78.6 | 78.6 | 78.9 | 79.7 |
| ≥ 4500 | 23.7 | 58.2 | 64.9 | 69.6 | 73.3 | 74.9 | 76.0 | 76.9 | 77.7 | 77.8 | 78.0 | 78.3 | 79.1 | 79.1 | 79.4 | 80.2 |
| ≥ 4000 | 23.7 | 58.3 | 65.2 | 70.1 | 73.9 | 75.4 | 76.6 | 77.4 | 78.2 | 78.3 | 78.6 | 78.9 | 79.7 | 79.7 | 80.0 | 80.8 |
| ≥ 3500 | 23.7 | 58.4 | 65.3 | 70.2 | 74.0 | 75.6 | 76.7 | 77.6 | 78.3 | 78.4 | 78.7 | 79.0 | 79.8 | 79.8 | 80.1 | 80.9 |
| ≥ 3000 | 23.7 | 59.1 | 66.1 | 71.0 | 74.8 | 76.3 | 77.4 | 78.3 | 79.1 | 79.2 | 79.4 | 79.8 | 80.6 | 80.6 | 80.9 | 81.7 |
| ≥ 2500 | 24.0 | 59.8 | 66.8 | 71.7 | 75.4 | 77.0 | 78.1 | 79.0 | 79.8 | 79.9 | 80.1 | 80.4 | 81.2 | 81.2 | 81.6 | 82.3 |
| ≥ 2000 | 24.1 | 60.1 | 67.1 | 72.1 | 75.9 | 77.4 | 78.6 | 79.4 | 80.2 | 80.3 | 80.6 | 80.9 | 81.8 | 81.8 | 82.1 | 82.9 |
| ≥ 1800 | 24.1 | 60.2 | 67.2 | 72.2 | 76.0 | 77.6 | 78.7 | 79.6 | 80.3 | 80.4 | 80.7 | 81.0 | 81.9 | 81.9 | 82.2 | 83.0 |
| ≥ 1500 | 24.3 | 60.6 | 67.6 | 72.6 | 76.4 | 78.0 | 79.1 | 80.0 | 80.8 | 80.9 | 81.1 | 81.4 | 82.3 | 82.3 | 82.7 | 83.4 |
| ≥ 1200 | 24.9 | 62.1 | 69.1 | 74.1 | 78.0 | 79.6 | 80.7 | 81.6 | 82.4 | 82.6 | 82.8 | 83.1 | 84.0 | 84.0 | 84.3 | 85.1 |
| ≥ 1000 | 25.3 | 62.9 | 70.1 | 75.1 | 79.0 | 80.6 | 81.7 | 82.6 | 83.4 | 83.6 | 83.8 | 84.1 | 85.0 | 85.0 | 85.3 | 86.1 |
| ≥ 900 | 25.3 | 62.9 | 70.4 | 75.4 | 79.3 | 81.0 | 82.1 | 83.0 | 83.9 | 84.0 | 84.2 | 84.6 | 85.4 | 85.4 | 85.8 | 86.6 |
| ≥ 800 | 25.9 | 64.1 | 72.0 | 77.0 | 81.0 | 82.7 | 83.8 | 84.8 | 85.7 | 85.8 | 86.0 | 86.3 | 87.2 | 87.2 | 87.6 | 88.3 |
| ≥ 700 | 26.2 | 64.9 | 72.8 | 78.2 | 82.2 | 83.9 | 85.0 | 86.0 | 86.9 | 87.0 | 87.2 | 87.6 | 88.4 | 88.4 | 88.8 | 89.6 |
| ≥ 600 | 27.0 | 66.1 | 74.2 | 79.7 | 83.8 | 85.6 | 86.7 | 87.7 | 88.6 | 88.7 | 88.9 | 89.2 | 90.1 | 90.1 | 90.4 | 91.2 |
| ≥ 500 | 27.0 | 67.8 | 76.1 | 82.4 | 86.6 | 88.3 | 89.4 | 90.6 | 91.4 | 91.6 | 91.8 | 92.1 | 93.0 | 93.1 | 93.4 | 94.2 |
| ≥ 400 | 27.0 | 68.0 | 76.4 | 83.1 | 87.3 | 89.1 | 90.4 | 91.6 | 92.4 | 92.6 | 92.8 | 93.1 | 94.0 | 94.1 | 94.6 | 95.3 |
| ≥ 300 | 27.1 | 68.1 | 76.7 | 83.3 | 87.6 | 89.3 | 90.8 | 91.9 | 92.8 | 92.9 | 93.3 | 93.7 | 94.6 | 94.7 | 95.3 | 96.1 |
| ≥ 200 | 27.1 | 68.1 | 76.7 | 83.3 | 88.1 | 89.9 | 91.6 | 92.8 | 94.0 | 94.1 | 94.5 | 94.9 | 95.9 | 96.1 | 97.1 | 97.9 |
| ≥ 100 | 27.1 | 68.1 | 76.8 | 83.4 | 88.3 | 90.1 | 91.9 | 93.1 | 94.3 | 94.4 | 94.9 | 95.2 | 96.3 | 96.5 | 97.6 | 98.7 |
| ≥ 0 | 27.1 | 68.1 | 76.8 | 83.4 | 88.3 | 90.1 | 91.8 | 93.1 | 94.3 | 94.4 | 94.9 | 95.2 | 96.4 | 96.4 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 9.5 | 33.7 | 40.8 | 46.7 | 49.5 | 51.2 | 52.4 | 53.4 | 54.1 | 54.4 | 55.1 | 55.1 | 55.6 | 55.8 | 56.4 | 56.6 |
| ≥ 20000 | 10.3 | 37.8 | 45.9 | 50.3 | 55.4 | 57.4 | 58.7 | 60.1 | 60.7 | 61.2 | 61.8 | 61.8 | 62.4 | 62.6 | 63.2 | 63.4 |
| ≥ 18000 | 10.3 | 37.8 | 45.9 | 50.3 | 55.4 | 57.4 | 58.7 | 60.1 | 60.7 | 61.2 | 61.8 | 61.8 | 62.4 | 62.6 | 63.2 | 63.4 |
| ≥ 16000 | 10.3 | 37.8 | 45.9 | 50.3 | 55.4 | 57.4 | 58.7 | 60.1 | 60.7 | 61.2 | 61.8 | 61.8 | 62.4 | 62.6 | 63.2 | 63.4 |
| ≥ 14000 | 10.3 | 37.9 | 46.1 | 50.4 | 55.5 | 57.5 | 58.8 | 60.2 | 60.8 | 61.3 | 62.0 | 62.0 | 62.5 | 62.7 | 63.3 | 63.5 |
| ≥ 12000 | 10.2 | 38.6 | 46.7 | 51.1 | 56.3 | 58.3 | 59.6 | 61.0 | 61.7 | 62.2 | 62.8 | 62.8 | 63.4 | 63.6 | 64.2 | 64.4 |
| ≥ 10000 | 10.5 | 39.8 | 48.2 | 52.8 | 58.4 | 60.5 | 62.0 | 63.3 | 64.1 | 64.6 | 65.4 | 65.4 | 66.0 | 66.2 | 66.7 | 67.0 |
| ≥ 9000 | 10.5 | 40.0 | 48.4 | 53.1 | 58.7 | 60.8 | 62.4 | 63.7 | 64.6 | 65.2 | 66.0 | 66.0 | 66.5 | 66.7 | 67.3 | 67.5 |
| ≥ 8000 | 10.6 | 41.9 | 50.5 | 55.5 | 61.4 | 63.7 | 65.5 | 67.0 | 68.1 | 68.5 | 69.3 | 69.3 | 69.9 | 70.1 | 70.6 | 71.0 |
| ≥ 7000 | 10.7 | 42.3 | 50.8 | 55.8 | 61.7 | 64.1 | 65.9 | 67.3 | 68.3 | 68.9 | 69.6 | 69.6 | 70.2 | 70.4 | 71.0 | 71.3 |
| ≥ 6000 | 10.9 | 42.7 | 51.3 | 56.3 | 62.2 | 64.5 | 66.3 | 67.9 | 69.0 | 69.5 | 70.3 | 70.3 | 70.9 | 71.1 | 71.6 | 72.0 |
| ≥ 5000 | 10.9 | 42.8 | 51.4 | 56.6 | 62.6 | 65.0 | 66.7 | 68.3 | 69.4 | 70.0 | 70.7 | 70.7 | 71.3 | 71.5 | 72.1 | 72.4 |
| ≥ 4500 | 10.9 | 42.8 | 51.4 | 56.8 | 62.8 | 65.2 | 67.1 | 68.7 | 69.9 | 70.4 | 71.2 | 71.2 | 71.7 | 72.0 | 72.5 | 72.9 |
| > 4000 | 10.9 | 43.2 | 51.7 | 57.2 | 63.3 | 65.6 | 67.5 | 69.2 | 70.3 | 71.0 | 71.7 | 71.7 | 72.3 | 72.5 | 73.1 | 73.4 |
| ≥ 3500 | 10.9 | 43.2 | 51.7 | 57.2 | 63.3 | 65.6 | 67.5 | 69.2 | 70.3 | 71.1 | 71.9 | 71.9 | 72.4 | 72.6 | 73.2 | 73.5 |
| ≥ 3000 | 10.9 | 43.2 | 51.7 | 57.2 | 63.3 | 65.6 | 67.5 | 69.2 | 70.3 | 71.1 | 71.9 | 71.9 | 72.4 | 72.6 | 73.2 | 73.5 |
| ≥ 2500 | 10.9 | 43.4 | 51.9 | 57.4 | 63.6 | 66.0 | 67.9 | 69.5 | 70.6 | 71.4 | 72.2 | 72.2 | 72.7 | 73.0 | 73.5 | 73.9 |
| ≥ 2000 | 11.2 | 44.5 | 53.2 | 58.6 | 65.0 | 67.4 | 69.3 | 71.0 | 72.1 | 72.9 | 73.6 | 73.6 | 74.2 | 74.4 | 75.0 | 75.3 |
| ≥ 1800 | 11.2 | 44.9 | 53.2 | 59.6 | 65.0 | 67.4 | 69.3 | 71.0 | 72.1 | 72.9 | 73.6 | 73.6 | 74.2 | 74.4 | 75.0 | 75.3 |
| ≥ 1500 | 11.5 | 45.5 | 54.1 | 59.7 | 66.3 | 68.7 | 70.6 | 72.3 | 73.4 | 74.2 | 75.1 | 75.0 | 75.5 | 75.8 | 76.3 | 76.6 |
| ≥ 1200 | 11.8 | 47.1 | 56.0 | 61.7 | 68.3 | 70.7 | 72.7 | 74.5 | 75.6 | 76.4 | 77.2 | 77.2 | 77.8 | 78.1 | 78.5 | 78.9 |
| ≥ 1000 | 12.0 | 47.8 | 57.1 | 63.3 | 70.1 | 72.5 | 74.6 | 76.4 | 77.5 | 78.3 | 79.1 | 79.1 | 79.6 | 79.9 | 80.4 | 80.8 |
| ≥ 900 | 12.1 | 48.5 | 57.7 | 64.1 | 70.9 | 73.4 | 75.5 | 77.3 | 78.4 | 79.2 | 80.0 | 80.0 | 80.5 | 80.8 | 81.3 | 81.6 |
| ≥ 800 | 12.1 | 49.9 | 59.3 | 65.9 | 72.6 | 75.2 | 77.4 | 79.8 | 80.9 | 81.6 | 82.4 | 82.4 | 83.0 | 83.3 | 83.9 | 84.2 |
| ≥ 700 | 12.3 | 50.8 | 60.5 | 67.3 | 74.3 | 77.0 | 79.3 | 81.8 | 82.9 | 83.6 | 84.4 | 84.4 | 85.0 | 85.3 | 85.9 | 86.2 |
| ≥ 600 | 12.6 | 51.5 | 61.6 | 68.5 | 75.6 | 78.4 | 81.2 | 83.8 | 84.9 | 85.7 | 86.4 | 86.4 | 87.0 | 87.4 | 88.0 | 88.3 |
| ≥ 500 | 12.8 | 52.4 | 62.6 | 69.7 | 76.9 | 79.9 | 82.9 | 85.5 | 86.8 | 87.5 | 88.3 | 88.3 | 88.9 | 89.3 | 89.9 | 90.2 |
| ≥ 400 | 12.8 | 52.7 | 63.3 | 71.0 | 78.4 | 81.5 | 84.8 | 87.5 | 89.1 | 90.1 | 91.0 | 91.0 | 91.5 | 92.0 | 92.5 | 93.0 |
| ≥ 300 | 12.9 | 53.1 | 63.6 | 71.4 | 79.1 | 82.3 | 85.7 | 88.8 | 90.5 | 91.9 | 92.9 | 92.9 | 93.5 | 94.0 | 94.7 | 95.6 |
| ≥ 200 | 12.9 | 53.1 | 63.6 | 71.4 | 79.2 | 82.5 | 86.1 | 89.8 | 91.8 | 93.1 | 94.3 | 94.3 | 95.0 | 95.6 | 96.3 | 97.7 |
| ≥ 100 | 12.9 | 53.1 | 63.6 | 71.4 | 79.2 | 82.5 | 86.1 | 90.0 | 92.3 | 93.7 | 94.9 | 95.0 | 95.9 | 96.4 | 97.6 | 99.2 |
| ≥ 0 | 12.9 | 53.1 | 63.6 | 71.4 | 79.2 | 82.5 | 86.1 | 90.0 | 92.3 | 93.7 | 94.9 | 95.0 | 95.9 | 96.6 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13854 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 18.4 | 49.2 | 51.9 | 52.4 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 20000 | 20.4 | 57.1 | 60.0 | 61.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 18000 | 20.4 | 57.2 | 60.1 | 61.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 16000 | 20.4 | 57.2 | 60.1 | 61.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 14000 | 20.7 | 57.9 | 60.9 | 61.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 12000 | 20.9 | 58.9 | 62.0 | 63.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 |
| ≥ 10000 | 21.3 | 62.2 | 65.7 | 67.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 9000 | 21.4 | 63.2 | 66.8 | 68.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 21.7 | 65.6 | 69.2 | 71.1 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 7000 | 21.7 | 66.0 | 69.8 | 71.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 6000 | 21.7 | 66.3 | 70.1 | 72.2 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 5000 | 22.1 | 67.4 | 71.6 | 73.8 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 4500 | 22.1 | 67.4 | 71.6 | 74.0 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4000 | 22.4 | 68.4 | 72.7 | 75.1 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 3500 | 22.7 | 68.8 | 73.1 | 75.4 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 3000 | 22.9 | 69.4 | 73.8 | 76.2 | 79.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 2500 | 24.3 | 71.4 | 75.8 | 78.2 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 2000 | 24.9 | 75.4 | 79.8 | 82.2 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 1800 | 25.0 | 76.7 | 81.0 | 83.4 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 1500 | 25.9 | 79.0 | 83.3 | 85.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1200 | 26.0 | 80.9 | 85.6 | 88.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1000 | 26.4 | 81.9 | 86.9 | 90.1 | 92.4 | 92.4 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 900 | 26.6 | 82.4 | 87.7 | 91.1 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 800 | 26.7 | 83.4 | 88.7 | 92.4 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 700 | 27.0 | 84.7 | 90.2 | 94.0 | 96.7 | 96.7 | 96.9 | 96.9 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 600 | 27.3 | 85.3 | 90.9 | 94.7 | 97.6 | 97.7 | 98.0 | 98.1 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 27.3 | 85.6 | 91.2 | 95.2 | 98.2 | 98.3 | 98.7 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 27.3 | 85.8 | 91.4 | 95.4 | 98.6 | 98.7 | 99.0 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 27.3 | 85.8 | 91.4 | 95.4 | 98.6 | 98.7 | 99.0 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 27.3 | 85.8 | 91.4 | 95.4 | 98.6 | 98.7 | 99.0 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 27.3 | 85.8 | 91.4 | 95.4 | 98.6 | 98.7 | 99.0 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 27.3 | 85.8 | 91.4 | 95.4 | 98.6 | 98.7 | 99.0 | 99.1 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13958 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.3 | 49.3 | 50.3 | 51.2 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 |
| ≥ 20000 | 27.6 | 61.8 | 63.3 | 64.3 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 18000 | 27.7 | 62.2 | 63.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 16000 | 27.7 | 62.2 | 63.8 | 64.8 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 14000 | 27.9 | 62.7 | 64.2 | 65.2 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 12000 | 29.4 | 65.3 | 67.1 | 68.2 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 10000 | 29.8 | 70.2 | 72.1 | 73.2 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 9000 | 29.3 | 70.9 | 72.8 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 8000 | 30.1 | 73.8 | 75.9 | 77.2 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 7000 | 30.2 | 74.3 | 76.4 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 6000 | 30.2 | 74.8 | 77.1 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 5000 | 30.4 | 76.1 | 78.6 | 80.0 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 4500 | 30.7 | 77.3 | 79.8 | 81.2 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4000 | 31.7 | 79.8 | 82.2 | 83.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 3500 | 32.1 | 81.6 | 84.0 | 85.9 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 3000 | 33.1 | 83.8 | 86.2 | 88.3 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2500 | 33.8 | 85.7 | 88.1 | 90.3 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2000 | 33.9 | 87.9 | 90.6 | 93.0 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1800 | 33.9 | 88.0 | 90.8 | 93.3 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1500 | 33.9 | 88.6 | 91.3 | 93.9 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1200 | 34.0 | 89.7 | 92.7 | 95.2 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 34.0 | 89.8 | 93.0 | 95.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 34.0 | 90.0 | 93.2 | 95.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 34.4 | 90.8 | 94.4 | 97.1 | 98.2 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 34.4 | 91.2 | 94.9 | 97.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 34.4 | 91.2 | 94.9 | 97.6 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 34.4 | 91.3 | 95.1 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 34.4 | 91.3 | 95.1 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 34.4 | 91.3 | 95.1 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 34.4 | 91.3 | 95.1 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 34.4 | 91.3 | 95.0 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 34.4 | 91.3 | 95.0 | 97.7 | 98.8 | 99.0 | 99.2 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03852 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.6 | 47.7 | 48.7 | 49.3 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 20000 | 29.2 | 64.9 | 66.7 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 18000 | 29.2 | 64.9 | 66.7 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 16000 | 29.2 | 64.9 | 66.7 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 14000 | 29.3 | 65.2 | 67.1 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 12000 | 30.7 | 68.7 | 71.6 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 10000 | 32.4 | 74.3 | 76.3 | 77.7 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 9000 | 32.4 | 75.2 | 77.2 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 8000 | 33.2 | 79.0 | 81.7 | 83.2 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 7000 | 33.2 | 79.6 | 82.2 | 83.8 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 6000 | 33.3 | 80.2 | 82.9 | 84.4 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 5000 | 33.4 | 80.9 | 83.9 | 85.6 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 4500 | 34.1 | 81.8 | 84.8 | 86.4 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 4000 | 34.6 | 83.7 | 86.9 | 88.8 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 3500 | 34.8 | 84.4 | 87.9 | 90.0 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 35.2 | 85.2 | 88.9 | 91.0 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2500 | 35.2 | 86.2 | 89.9 | 92.0 | 92.4 | 92.4 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 2000 | 35.2 | 86.6 | 90.2 | 92.6 | 93.0 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 35.2 | 86.6 | 90.3 | 92.7 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1500 | 35.2 | 87.2 | 91.0 | 93.3 | 93.8 | 93.8 | 94.0 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1200 | 35.2 | 87.9 | 91.7 | 94.1 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1000 | 35.3 | 88.6 | 92.4 | 95.1 | 95.7 | 95.7 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 900 | 35.3 | 88.8 | 92.7 | 95.3 | 95.9 | 96.0 | 96.3 | 96.4 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 800 | 35.3 | 89.0 | 93.1 | 96.0 | 96.6 | 96.8 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 35.3 | 89.2 | 93.6 | 96.7 | 97.3 | 97.6 | 98.0 | 98.1 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 35.3 | 89.3 | 93.7 | 96.8 | 97.4 | 97.8 | 98.2 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 35.3 | 89.4 | 93.8 | 97.3 | 98.0 | 98.3 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 35.3 | 89.6 | 93.9 | 97.4 | 98.1 | 98.4 | 98.9 | 99.1 | 99.2 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 35.3 | 89.6 | 93.9 | 97.4 | 98.1 | 98.4 | 98.9 | 99.2 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 35.3 | 89.6 | 93.9 | 97.4 | 98.2 | 98.6 | 99.0 | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 35.3 | 89.6 | 93.9 | 97.4 | 98.2 | 98.6 | 99.0 | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 35.3 | 89.6 | 93.9 | 97.4 | 98.2 | 98.6 | 99.0 | 99.3 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

1900-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.6 | 53.6 | 54.9 | 55.4 | 55.7 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 20000 | 32.1 | 68.2 | 69.9 | 70.6 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71. | 71.0 | 71.0 |
| ≥ 18000 | 32.1 | 68.3 | 70.1 | 70.7 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 16000 | 32.1 | 68.3 | 70.1 | 70.7 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 14000 | 32.1 | 68.3 | 70.0 | 70.7 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 12000 | 32.3 | 70.6 | 72.2 | 73.0 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 10000 | 34.2 | 75.7 | 77.6 | 78.4 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 9000 | 34.4 | 76.4 | 78.3 | 79.2 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 8000 | 35.7 | 78.8 | 81.2 | 82.1 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 7000 | 35.9 | 79.3 | 81.8 | 82.7 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 6000 | 36.0 | 80.2 | 82.7 | 83.6 | 84.3 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 5000 | 36.3 | 81.9 | 83.6 | 84.4 | 85.2 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4500 | 36.6 | 81.6 | 84.2 | 85.1 | 86.0 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 4000 | 37.6 | 84.7 | 87.3 | 88.2 | 89.3 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 3500 | 37.8 | 85.3 | 88.2 | 89.1 | 90.2 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3000 | 37.9 | 85.7 | 88.7 | 89.7 | 90.9 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2500 | 38.3 | 86.6 | 89.6 | 90.7 | 92.0 | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2000 | 38.4 | 87.4 | 90.4 | 91.7 | 93.1 | 93.4 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 38.4 | 87.6 | 90.6 | 91.8 | 93.2 | 93.6 | 93.8 | 93.9 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 38.4 | 87.9 | 90.9 | 92.1 | 93.6 | 93.9 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 38.4 | 88.4 | 91.4 | 92.7 | 94.1 | 94.4 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 38.9 | 88.9 | 91.9 | 93.3 | 94.8 | 95.1 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 38.9 | 89.6 | 92.6 | 94.1 | 95.4 | 95.8 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 | 39.1 | 89.9 | 92.9 | 94.4 | 95.9 | 96.2 | 96.9 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 39.0 | 90.1 | 93.1 | 94.7 | 96.2 | 96.6 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 600 | 39.0 | 90.4 | 93.7 | 95.3 | 97.1 | 97.6 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 500 | 39.0 | 90.6 | 93.9 | 95.6 | 97.6 | 98.1 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 39.0 | 90.6 | 93.9 | 95.7 | 97.7 | 98.2 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 39.0 | 90.6 | 93.9 | 95.8 | 97.8 | 98.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 39. | 90.6 | 93.9 | 95.8 | 97.8 | 98.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 39.0 | 90.6 | 93.9 | 95.8 | 97.8 | 98.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 39.0 | 90.6 | 93.9 | 95.8 | 97.8 | 98.3 | 99.1 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

| 13850 | FT RUCKER AL | 69-70,73-80 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

2100-2300
HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.3 | 65.4 | 67.3 | 67.9 | 68.8 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 20000 | 36.1 | 74.6 | 76.6 | 77.3 | 78.6 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 18000 | 36.1 | 74.8 | 76.8 | 77.6 | 78.8 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 16000 | 36.1 | 74.8 | 76.8 | 77.6 | 78.8 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 14000 | 36.3 | 75.2 | 77.2 | 78.L | 79.2 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 12000 | 36.4 | 76.3 | 79.3 | 79.1 | 80.3 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 37.6 | 80.3 | 82.9 | 83.7 | 84.9 | 85.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 9000 | 37.6 | 80.7 | 83.2 | 84.0 | 85.2 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 8000 | 37.9 | 82.2 | 84.9 | 85.6 | 86.8 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 7000 | 37.9 | 82.3 | 84.9 | 85.7 | 86.9 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 6000 | 38.0 | 83.4 | 86.0 | 86.8 | 88.0 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 5000 | 38.3 | 84.7 | 87.2 | 88.0 | 89.2 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 4500 | 38.7 | 85.0 | 87.6 | 88.3 | 89.6 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 4000 | 38.9 | 85.6 | 88.1 | 88.1 | 90.3 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3500 | 38.9 | 85.9 | 88.4 | 89.4 | 90.7 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3000 | 39.1 | 86.2 | 88.8 | 89.8 | 91.1 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2500 | 39.2 | 86.7 | 89.2 | 90.2 | 91.6 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2000 | 39.3 | 87.1 | 89.7 | 90.7 | 92.0 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.9 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1800 | 39.3 | 87.2 | 89.8 | 90.8 | 92.1 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1500 | 39.3 | 87.2 | 89.8 | 90.8 | 92.1 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1200 | 39.4 | 87.4 | 90.0 | 91.0 | 92.4 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1000 | 39.6 | 87.9 | 90.4 | 91.4 | 92.9 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 900 | 40.1 | 89.0 | 91.6 | 92.6 | 94.0 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 40.2 | 89.6 | 92.1 | 93.2 | 94.7 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 700 | 40.2 | 90.0 | 92.7 | 94.0 | 95.7 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 600 | 40.4 | 90.9 | 93.7 | 95.1 | 96.8 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 40.6 | 91.1 | 94.3 | 95.4 | 97.3 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 40.7 | 91.3 | 94.3 | 95.9 | 98.0 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 40.7 | 91.3 | 94.6 | 96.1 | 98.3 | 99.0 | 99.1 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 40.7 | 91.4 | 94.7 | 96.2 | 98.4 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 40.7 | 91.4 | 94.7 | 96.2 | 98.4 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 40.7 | 91.4 | 94.7 | 96.2 | 98.4 | 99.2 | 99.3 | 99.6 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

ALL (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.3 | 51.5 | 54.5 | 56.1 | 57.6 | 58.1 | 58.4 | 58.6 | 58.8 | 58.9 | 59.0 | 59.0 | 59.2 | 59.2 | 59.3 | 59.4 |
| ≥ 20000 | 26.0 | 60.4 | 63.9 | 65.8 | 67.5 | 68.0 | 68.3 | 68.6 | 68.7 | 68.8 | 68.9 | 68.9 | 69.1 | 69.1 | 69.2 | 69.4 |
| ≥ 18000 | 26.1 | 60.6 | 64.1 | 65.9 | 67.6 | 68.1 | 68.4 | 68.7 | 68.9 | 69.0 | 69.1 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 |
| ≥ 16000 | 26.1 | 60.6 | 64.1 | 65.9 | 67.6 | 68.1 | 68.4 | 68.7 | 68.9 | 69.0 | 69.1 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 |
| ≥ 14000 | 26.2 | 60.9 | 64.4 | 66.2 | 67.9 | 68.4 | 68.7 | 69.0 | 69.2 | 69.3 | 69.4 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 |
| ≥ 12000 | 26.6 | 62.6 | 66.1 | 68.1 | 69.7 | 70.3 | 70.6 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.4 | 71.4 | 71.6 | 71.7 |
| ≥ 10000 | 27.6 | 66.2 | 70.0 | 72.1 | 73.9 | 74.5 | 74.8 | 75.1 | 75.3 | 75.4 | 75.5 | 75.5 | 75.7 | 75.7 | 75.8 | 76.0 |
| ≥ 9000 | 27.6 | 66.3 | 70.5 | 72.7 | 74.5 | 75.0 | 75.4 | 75.7 | 75.9 | 76.0 | 76.1 | 76.1 | 76.3 | 76.3 | 76.4 | 76.6 |
| ≥ 8000 | 28.2 | 69.0 | 73.1 | 75.4 | 77.3 | 77.9 | 78.3 | 78.6 | 78.9 | 79.0 | 79.1 | 79.2 | 79.4 | 79.4 | 79.5 | 79.6 |
| ≥ 7000 | 28.3 | 69.4 | 73.5 | 75.8 | 77.8 | 78.4 | 78.8 | 79.1 | 79.3 | 79.4 | 79.6 | 79.6 | 79.8 | 79.8 | 80.0 | 80.1 |
| ≥ 6000 | 28.3 | 70.1 | 74.2 | 76.6 | 78.6 | 79.2 | 79.6 | 79.9 | 80.2 | 80.3 | 80.4 | 80.5 | 80.7 | 80.7 | 80.8 | 81.0 |
| ≥ 5000 | 28.6 | 71.0 | 75.2 | 77.7 | 79.7 | 80.3 | 80.7 | 81.0 | 81.3 | 81.4 | 81.5 | 81.6 | 81.8 | 81.8 | 81.9 | 82.1 |
| ≥ 4500 | 28.8 | 71.5 | 75.7 | 78.2 | 80.3 | 80.9 | 81.3 | 81.7 | 81.9 | 82.0 | 82.2 | 82.2 | 82.4 | 82.4 | 82.5 | 82.7 |
| ≥ 4000 | 29.2 | 72.6 | 77.0 | 79.6 | 81.7 | 82.3 | 82.8 | 83.1 | 83.4 | 83.5 | 83.6 | 83.7 | 83.9 | 83.9 | 84.0 | 84.2 |
| ≥ 3500 | 29.4 | 73.2 | 77.6 | 80.3 | 82.4 | 83.0 | 83.5 | 83.8 | 84.1 | 84.2 | 84.3 | 84.4 | 84.6 | 84.6 | 84.7 | 84.9 |
| ≥ 3000 | 29.7 | 73.9 | 78.4 | 81.1 | 83.3 | 83.9 | 84.4 | 84.7 | 85.0 | 85.1 | 85.2 | 85.3 | 85.5 | 85.5 | 85.6 | 85.8 |
| ≥ 2500 | 30.0 | 74.8 | 79.3 | 82.1 | 84.3 | 84.9 | 85.4 | 85.7 | 86.0 | 86.1 | 86.2 | 86.3 | 86.5 | 86.5 | 86.6 | 86.8 |
| ≥ 2000 | 30.2 | 76.0 | 80.6 | 83.4 | 85.7 | 86.3 | 86.8 | 87.1 | 87.4 | 87.5 | 87.7 | 87.7 | 87.9 | 88.0 | 88.1 | 88.2 |
| ≥ 1800 | 30.3 | 76.3 | 80.9 | 83.7 | 86.0 | 86.7 | 87.1 | 87.5 | 87.7 | 87.9 | 88.0 | 88.1 | 88.3 | 88.3 | 88.4 | 88.6 |
| ≥ 1500 | 30.5 | 77.0 | 81.6 | 84.5 | 86.8 | 87.5 | 87.9 | 88.3 | 88.6 | 88.7 | 88.8 | 88.9 | 89.1 | 89.1 | 89.2 | 89.4 |
| ≥ 1200 | 30.7 | 78.0 | 82.7 | 85.7 | 88.1 | 88.7 | 89.2 | 89.6 | 89.9 | 90.0 | 90.2 | 90.2 | 90.4 | 90.5 | 90.6 | 90.7 |
| ≥ 1000 | 30.9 | 78.6 | 83.4 | 86.5 | 89.0 | 89.6 | 90.2 | 90.6 | 90.9 | 91.0 | 91.2 | 91.2 | 91.4 | 91.5 | 91.6 | 91.7 |
| ≥ 900 | 31.0 | 79.1 | 84.0 | 87.2 | 89.6 | 90.3 | 90.9 | 91.3 | 91.6 | 91.8 | 91.9 | 92.0 | 92.2 | 92.2 | 92.3 | 92.5 |
| ≥ 800 | 31.2 | 79.8 | 84.9 | 88.2 | 90.7 | 91.5 | 92.1 | 92.6 | 92.8 | 93.0 | 93.2 | 93.2 | 93.4 | 93.5 | 93.6 | 93.8 |
| ≥ 700 | 31.4 | 80.4 | 85.7 | 89.1 | 91.7 | 92.5 | 93.2 | 93.6 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.7 | 94.9 |
| ≥ 600 | 31.6 | 81.0 | 86.4 | 89.9 | 92.6 | 93.4 | 94.2 | 94.7 | 95.0 | 95.2 | 95.3 | 95.4 | 95.6 | 95.7 | 95.8 | 95.9 |
| ≥ 500 | 31.7 | 81.5 | 87.0 | 90.8 | 93.5 | 94.4 | 95.2 | 95.7 | 96.1 | 96.3 | 96.5 | 96.5 | 96.7 | 96.8 | 96.9 | 97.1 |
| ≥ 400 | 31.7 | 81.8 | 87.3 | 91.3 | 94.1 | 95.0 | 95.9 | 96.5 | 96.9 | 97.2 | 97.3 | 97.4 | 97.6 | 97.7 | 97.8 | 98.0 |
| ≥ 300 | 31.8 | 81.8 | 87.5 | 91.4 | 94.3 | 95.2 | 96.1 | 96.8 | 97.3 | 97.6 | 97.9 | 97.9 | 98.2 | 98.2 | 98.4 | 98.7 |
| ≥ 200 | 31.8 | 81.8 | 87.5 | 91.5 | 94.5 | 95.4 | 96.4 | 97.1 | 97.7 | 98.1 | 98.3 | 98.4 | 98.7 | 98.8 | 99.0 | 99.3 |
| ≥ 100 | 31.9 | 81.8 | 87.5 | 91.5 | 94.5 | 95.5 | 96.4 | 97.2 | 97.9 | 98.2 | 98.5 | 98.6 | 98.9 | 99.- | 99.3 | 99.7 |
| 0 | 31.8 | 81.8 | 87.5 | 91.5 | 94.5 | 95.5 | 96.4 | 97.2 | 97.9 | 98.2 | 98.5 | 98.6 | 98.9 | 99.0 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7199

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 48.4 | 75.9 | 76.8 | 77.3 | 77.7 | 77.8 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 79.9 | 78.9 | 79.2 | 79.4 |
| ≥ 20000 | 49.7 | 78.5 | 79.4 | 79.9 | 80.3 | 80.4 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.5 | 81.5 | 81.8 | 81.9 |
| ≥ 18000 | 49.7 | 78.5 | 79.4 | 79.9 | 80.3 | 80.4 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.5 | 81.5 | 81.8 | 81.9 |
| ≥ 16000 | 49.8 | 78.6 | 79.5 | 80.0 | 80.4 | 80.5 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.6 | 81.6 | 81.9 | 82.0 |
| ≥ 14000 | 50.0 | 78.8 | 79.7 | 80.2 | 80.6 | 80.8 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.8 | 81.8 | 82.2 | 82.3 |
| ≥ 12000 | 50.4 | 79.4 | 80.2 | 80.8 | 81.2 | 81.3 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.4 | 82.4 | 82.7 | 82.8 |
| ≥ 10000 | 51.0 | 81.0 | 81.8 | 82.4 | 82.8 | 82.9 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 84.0 | 84.0 | 84.3 | 84.4 |
| ≥ 9000 | 51.3 | 81.6 | 82.5 | 83.0 | 83.4 | 83.5 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.6 | 84.6 | 84.9 | 85.1 |
| ≥ 8000 | 52.4 | 83.9 | 84.7 | 85.3 | 85.9 | 86.0 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 87.1 | 87.1 | 87.4 | 87.5 |
| ≥ 7000 | 52.6 | 84.1 | 84.9 | 85.5 | 86.1 | 86.2 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 87.3 | 87.3 | 87.6 | 87.7 |
| ≥ 6000 | 53.2 | 84.9 | 85.9 | 86.5 | 87.1 | 87.2 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 88.3 | 88.3 | 88.6 | 88.7 |
| ≥ 5000 | 53.3 | 85.4 | 86.3 | 86.9 | 87.5 | 87.7 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.8 | 88.8 | 89.1 | 89.2 |
| ≥ 4500 | 53.4 | 85.5 | 86.5 | 87.0 | 87.6 | 87.8 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.9 | 88.9 | 89.2 | 89.4 |
| ≥ 4000 | 53.7 | 85.9 | 86.9 | 87.4 | 88.1 | 88.3 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.4 | 89.4 | 89.7 | 89.8 |
| ≥ 3500 | 53.7 | 86.1 | 87.1 | 87.6 | 88.3 | 88.5 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.6 | 89.6 | 89.9 | 90.0 |
| ≥ 3000 | 53.7 | 86.2 | 87.3 | 87.8 | 88.5 | 88.7 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.8 | 89.8 | 90.1 | 90.2 |
| ≥ 2500 | 53.9 | 86.7 | 87.7 | 88.4 | 89.0 | 89.2 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 90.3 | 90.3 | 90.6 | 90.8 |
| ≥ 2000 | 54.3 | 87.4 | 88.6 | 89.2 | 90.0 | 90.2 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 91.3 | 91.3 | 91.6 | 91.7 |
| ≥ 1800 | 54.4 | 87.6 | 88.8 | 89.5 | 90.2 | 90.4 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.5 | 91.5 | 91.8 | 91.9 |
| ≥ 1500 | 54.5 | 88.5 | 89.8 | 90.4 | 91.2 | 91.5 | 92.0 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.6 | 92.6 | 92.9 | 93.0 |
| ≥ 1200 | 55.2 | 89.4 | 90.8 | 91.7 | 92.5 | 93.0 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 | 94.1 | 94.1 | 94.4 | 94.5 |
| ≥ 1000 | 55.2 | 89.8 | 91.2 | 92.2 | 93.0 | 93.5 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.6 | 94.6 | 94.9 | 95.1 |
| ≥ 900 | 55.4 | 90.0 | 91.4 | 92.4 | 93.2 | 93.8 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.9 | 94.9 | 95.3 | 95.4 |
| ≥ 800 | 55.4 | 90.2 | 91.8 | 92.8 | 93.7 | 94.2 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.4 | 95.4 | 95.7 | 95.8 |
| ≥ 700 | 55.4 | 90.2 | 91.8 | 92.8 | 93.7 | 94.2 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.4 | 95.4 | 95.8 | 95.9 |
| ≥ 600 | 55.4 | 90.2 | 91.8 | 92.9 | 93.8 | 94.3 | 94.8 | 94.8 | 95.1 | 95.2 | 95.2 | 95.2 | 95.6 | 95.6 | 96.0 | 96.1 |
| ≥ 500 | 55.7 | 91.0 | 92.8 | 94.1 | 95.1 | 95.6 | 96.1 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.9 | 96.9 | 97.3 | 97.4 |
| ≥ 400 | 55.8 | 91.6 | 93.4 | 94.9 | 95.9 | 96.5 | 97.0 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.8 | 97.8 | 98.3 | 98.4 |
| ≥ 300 | 55.8 | 91.6 | 93.5 | 95.1 | 96.0 | 96.6 | 97.1 | 97.1 | 97.3 | 97.4 | 97.5 | 97.5 | 98.0 | 98.0 | 98.4 | 98.5 |
| ≥ 200 | 55.9 | 91.6 | 93.5 | 95.2 | 96.3 | 97.0 | 97.5 | 97.5 | 97.8 | 98.2 | 98.6 | 98.6 | 99.0 | 99.0 | 99.5 | 99.6 |
| ≥ 100 | 55.9 | 91.6 | 93.5 | 95.2 | 96.3 | 97.0 | 97.5 | 97.6 | 98.0 | 98.4 | 98.8 | 98.8 | 99.4 | 99.4 | 99.8 | 99.9 |
| ≥ 0 | 55.9 | 91.6 | 93.5 | 95.2 | 96.3 | 97.0 | 97.5 | 97.6 | 98.0 | 98.4 | 98.8 | 98.8 | 99.4 | 99.4 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.6 | 69.4 | 71.3 | 71.8 | 72.3 | 72.6 | 72.8 | 73.0 | 73.3 | 73.3 | 73.7 | 73.7 | 73.8 | 74. | 74.4 | 74.5 |
| ≥ 20000 | 41.4 | 71.8 | 73.6 | 74.3 | 74.7 | 75.1 | 75.3 | 75.5 | 75.8 | 75.8 | 76.1 | 76.1 | 76.2 | 76.5 | 76.9 | 77.0 |
| ≥ 18000 | 41.8 | 71.8 | 73.6 | 74.3 | 74.7 | 75.1 | 75.3 | 75.5 | 75.8 | 75.8 | 76.1 | 76.1 | 76.2 | 76.5 | 76.9 | 77.0 |
| ≥ 16000 | 41.8 | 71.8 | 73.6 | 74.3 | 74.7 | 75.1 | 75.3 | 75.5 | 75.8 | 75.8 | 76.1 | 76.1 | 76.2 | 76.5 | 76.9 | 77.0 |
| ≥ 14000 | 41.9 | 71.9 | 73.9 | 74.4 | 74.8 | 75.2 | 75.4 | 75.6 | 75.9 | 75.9 | [illegible].2 | 76.2 | 76.3 | 76.6 | 77.0 | 77.1 |
| ≥ 12000 | 42.5 | 72.9 | 74.8 | 75.4 | 75.8 | 76.1 | 76.3 | 76.6 | 76.9 | 76.9 | 77.2 | 77.2 | 77.3 | 77.5 | 78.0 | 78.1 |
| ≥ 10000 | 43.8 | 74.9 | 77.1 | 77.6 | 78.2 | 78.5 | 78.7 | 78.9 | 79.2 | 79.2 | 79.6 | 79.6 | 79.7 | 79.9 | 80.3 | 80.4 |
| ≥ 9000 | 44.1 | 75.5 | 77.6 | 78.2 | 78.7 | 79.0 | 79.2 | 79.5 | 79.8 | 79.8 | 80.1 | 80.1 | 80.2 | 80.4 | 80.9 | 81.0 |
| ≥ 8000 | 44.6 | 77.0 | 79.1 | 79.7 | 80.2 | 80.5 | 80.8 | 81.0 | 81.3 | 81.3 | 81.6 | 81.6 | 81.7 | 81.9 | 82.4 | 82.5 |
| ≥ 7000 | 44.7 | 77.1 | 79.4 | 79.9 | 80.4 | 80.8 | 81.0 | 81.2 | 81.5 | 81.5 | 81.8 | 81.8 | 81.9 | 82.2 | 82.6 | 82.7 |
| ≥ 6000 | 45.5 | 77.8 | 80.1 | 80.6 | 81.2 | 81.5 | 81.7 | 81.9 | 82.3 | 82.3 | 82.6 | 82.6 | 82.7 | 82.9 | 83.3 | 83.4 |
| ≥ 5000 | 45.9 | 78.6 | 80.9 | 81.4 | 81.9 | 82.3 | 82.5 | 82.7 | 83.0 | 83.0 | 83.3 | 83.3 | 83.4 | 83.7 | 84.1 | 84.2 |
| ≥ 4500 | 46.0 | 78.7 | 81. | 81.5 | 82.0 | 82.4 | 82.6 | 82.8 | 83.1 | 83.1 | 83.4 | 83.4 | 83.5 | 83.8 | 84.2 | 84.3 |
| ≥ 4000 | 46. | 79.0 | 81.3 | 81.8 | 82.4 | 82.7 | 82.9 | 83.1 | 83.4 | 83.4 | 83.8 | 83.8 | 83.9 | 84.1 | 84.5 | 84.6 |
| ≥ 3500 | 46.1 | 79.2 | 81.5 | 82.0 | 82.6 | 82.9 | 83.1 | 83.3 | 83.7 | 83.7 | 84.0 | 84.0 | 84.1 | 84.3 | 84.7 | 84.8 |
| ≥ 3000 | 46.3 | 79.9 | 82.2 | 82.7 | 83.2 | 83.5 | 83.8 | 84.0 | 84.3 | 84.3 | 84.6 | 84.6 | 84.7 | 84.9 | 85.4 | 85.5 |
| ≥ 2500 | 46.5 | 80.3 | 82.7 | 83.4 | 84.0 | 84.3 | 84.5 | 84.7 | 85.1 | 85.1 | 85.4 | 85.4 | 85.5 | 85.7 | 86.1 | 86.2 |
| ≥ 2000 | 46.7 | 81.3 | 83.8 | 84.5 | 85.1 | 85.4 | 85.9 | 86.1 | 86.5 | 86.5 | 86.8 | 86.8 | 86.9 | 87.1 | 87.5 | 87.6 |
| ≥ 1800 | 46.9 | 82.0 | 84.5 | 85.3 | 85.8 | 86.1 | 86.7 | 86.9 | 87.2 | 87.2 | 87.5 | 87.5 | 87.6 | 87.8 | 88.3 | 88.4 |
| ≥ 1500 | 47.1 | 82.4 | 85.1 | 85.8 | 86.5 | 86.8 | 87.3 | 87.5 | 87.8 | 87.8 | 88.2 | 88.2 | 88.3 | 88.5 | 88.9 | 89.0 |
| ≥ 1200 | 47.6 | 83.7 | 86.5 | 87.2 | 87.8 | 88.2 | 88.7 | 88.9 | 89.2 | 89.2 | 89.6 | 89.6 | 89.7 | 89.9 | 90.3 | 90.4 |
| ≥ 1000 | 47.8 | 84.3 | 87.2 | 88.1 | 88.7 | 89.0 | 89.7 | 89.9 | 90.2 | 90.2 | 90.5 | 90.5 | 90.6 | 90.9 | 91.3 | 91.4 |
| ≥ 900 | 48.0 | 84.8 | 88. | 88.8 | 89.5 | 89.8 | 90.4 | 90.6 | 91.0 | 91.0 | 91.3 | 91.3 | 91.4 | 91.6 | 92.0 | 92.2 |
| ≥ 800 | 48.1 | 85.3 | 88.6 | 89.5 | 90.1 | 90.4 | 91.1 | 91.4 | 91.7 | 91.7 | 92.0 | 92.0 | 92.2 | 92.4 | 92.8 | 92.9 |
| ≥ 700 | 48.1 | 85.6 | 89. | 90.0 | 90.6 | 91.0 | 91.6 | 92.0 | 92.4 | 92.4 | 92.8 | 92.8 | 93.0 | 93.2 | 93.7 | 93.8 |
| ≥ 600 | 48.1 | 85.7 | 89.2 | 90.3 | 91.0 | 91.3 | 91.9 | 92.4 | 92.8 | 92.8 | 93.2 | 93.2 | 93.4 | 93.7 | 94.1 | 94.2 |
| ≥ 500 | 48.1 | 86.1 | 89.8 | 91.0 | 91.6 | 92.0 | 92.7 | 93.1 | 93.5 | 93.5 | 94.1 | 94.1 | 94.3 | 94.5 | 94.9 | 95.1 |
| ≥ 400 | 48.2 | 86.6 | 90.3 | 91.7 | 92.6 | 93.0 | 93.7 | 94.1 | 94.6 | 94.6 | 95.2 | 95.2 | 95.5 | 95.7 | 96.1 | 96.2 |
| ≥ 300 | 48.2 | 86.6 | 90.3 | 92.3 | 93.2 | 93.8 | 94.5 | 95.1 | 95.7 | 95.7 | 96.2 | 96.2 | 96.8 | 97. | 97.4 | 97.5 |
| ≥ 200 | 48.2 | 86.8 | 90.5 | 92.3 | 93.2 | 93.8 | 94.6 | 95.4 | 96.0 | 96.0 | 96.6 | 96.6 | 97.2 | 97.4 | 98.2 | 98.4 |
| ≥ 100 | 48.2 | 86.8 | 90.5 | 92.3 | 93.2 | 93.8 | 94.7 | 95.5 | 96.2 | 96.2 | 97.2 | 97.2 | 98.0 | 98.3 | 99.2 | 99.8 |
| ≥ 0 | 48.2 | 86.8 | 90.6 | 92.3 | 93.2 | 93.8 | 94.7 | 95.5 | 96.2 | 96.2 | 97.2 | 97.2 | 98.0 | 98.3 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13050 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 19.6 | 54.5 | 59.4 | 61.6 | 64.1 | 64.4 | 64.9 | 65.3 | 65.5 | 65.7 | 65.8 | 65.8 | 66.1 | 66.3 | 66.3 | 66.5 |
| ≥ 20000 | 20.2 | 58.3 | 63.1 | 65.6 | 68.5 | 68.8 | 69.7 | 70.1 | 70.3 | 70.5 | 70.6 | 70.6 | 71.0 | 71.2 | 71.2 | 71.3 |
| ≥ 18000 | 20.2 | 58.2 | 63.3 | 65.8 | 68.7 | 69.0 | 69.9 | 70.3 | 70.5 | 70.8 | 70.9 | 70.9 | 71.2 | 71.4 | 71.4 | 71.5 |
| ≥ 16000 | 20.2 | 58.3 | 63.4 | 65.9 | 68.8 | 69.1 | 70.0 | 70.4 | 70.6 | 70.9 | 71.0 | 71.0 | 71.3 | 71.5 | 71.5 | 71.6 |
| ≥ 14000 | 20.2 | 58.3 | 63.4 | 65.9 | 68.8 | 69.1 | 70.0 | 70.4 | 70.6 | 70.9 | 71.0 | 71.0 | 71.3 | 71.5 | 71.5 | 71.6 |
| ≥ 12000 | 20.5 | 58.8 | 64.1 | 66.7 | 69.6 | 69.9 | 70.8 | 71.2 | 71.4 | 71.6 | 71.7 | 71.7 | 72.0 | 72.3 | 72.3 | 72.4 |
| ≥ 10000 | 21.2 | 61.7 | 67.0 | 69.7 | 72.6 | 73.1 | 74.0 | 74.4 | 74.6 | 74.8 | 74.9 | 74.9 | 75.3 | 75.7 | 75.7 | 75.8 |
| ≥ 9000 | 21.4 | 62.3 | 67.6 | 70.3 | 73.2 | 73.8 | 74.6 | 75.1 | 75.3 | 75.5 | 75.6 | 75.6 | 75.9 | 76.3 | 76.3 | 76.5 |
| ≥ 8000 | 21.7 | 64.0 | 69.5 | 72.2 | 75.1 | 75.6 | 76.5 | 77.0 | 77.2 | 77.4 | 77.5 | 77.5 | 77.8 | 78.3 | 78.3 | 78.4 |
| ≥ 7000 | 21.7 | 64.8 | 70.6 | 73.4 | 76.3 | 76.9 | 77.7 | 78.3 | 78.5 | 78.7 | 78.8 | 78.8 | 79.1 | 79.6 | 79.6 | 79.7 |
| ≥ 6000 | 21.8 | 65.3 | 71.1 | 73.9 | 76.8 | 77.3 | 78.2 | 78.7 | 78.9 | 79.1 | 79.2 | 79.2 | 79.6 | 80.0 | 80.0 | 80.1 |
| ≥ 5000 | 22.2 | 66.1 | 71.9 | 74.7 | 77.6 | 78.2 | 79.0 | 79.6 | 79.8 | 80.0 | 80.1 | 80.1 | 80.4 | 80.9 | 80.9 | 81.0 |
| ≥ 4500 | 22.3 | 66.3 | 72.2 | 74.9 | 77.8 | 78.4 | 79.2 | 79.8 | 80.0 | 80.2 | 80.3 | 80.3 | 80.6 | 81.1 | 81.1 | 81.2 |
| ≥ 4000 | 22.6 | 66.8 | 72.6 | 75.4 | 78.3 | 78.8 | 79.8 | 80.3 | 80.5 | 80.8 | 80.9 | 80.9 | 81.2 | 81.6 | 81.6 | 81.7 |
| ≥ 3500 | 22.6 | 66.8 | 72.6 | 75.5 | 78.4 | 78.9 | 79.9 | 80.4 | 80.8 | 81.0 | 81.1 | 81.1 | 81.4 | 81.8 | 81.8 | 81.9 |
| ≥ 3000 | 22.7 | 67.2 | 73.0 | 75.9 | 78.8 | 79.4 | 80.3 | 80.9 | 81.2 | 81.4 | 81.5 | 81.5 | 81.8 | 82.3 | 82.3 | 82.4 |
| ≥ 2500 | 22.7 | 67.5 | 73.3 | 76.2 | 79.1 | 79.7 | 80.6 | 81.2 | 81.5 | 81.7 | 81.8 | 81.8 | 82.2 | 82.6 | 82.6 | 82.7 |
| ≥ 2000 | 22.9 | 68.1 | 73.9 | 76.8 | 79.9 | 80.4 | 81.4 | 81.9 | 82.3 | 82.5 | 82.6 | 82.6 | 82.9 | 83.3 | 83.3 | 83.4 |
| ≥ 1800 | 22.9 | 68.5 | 74.3 | 77.2 | 80.3 | 80.9 | 81.8 | 82.4 | 82.7 | 82.9 | 83.0 | 83.0 | 83.3 | 83.8 | 83.8 | 83.9 |
| ≥ 1500 | 23.3 | 69.6 | 75.4 | 78.4 | 81.6 | 82.2 | 83.1 | 83.7 | 84.1 | 84.3 | 84.4 | 84.4 | 84.7 | 85.2 | 85.2 | 85.3 |
| ≥ 1200 | 23.3 | 70.4 | 76.3 | 79.7 | 82.9 | 83.4 | 84.4 | 84.9 | 85.4 | 85.6 | 85.7 | 85.7 | 86.0 | 86.5 | 86.5 | 86.6 |
| ≥ 1000 | 23.4 | 71.0 | 77.1 | 80.3 | 83.5 | 84.1 | 85.1 | 85.6 | 86.1 | 86.3 | 86.5 | 86.5 | 86.8 | 87.2 | 87.2 | 87.3 |
| ≥ 900 | 23.5 | 71.6 | 77.7 | 81.4 | 84.7 | 85.3 | 86.2 | 86.8 | 87.3 | 87.5 | 87.6 | 87.6 | 88.0 | 88.4 | 88.4 | 88.5 |
| ≥ 800 | 23.7 | 72.3 | 78.6 | 82.5 | 85.9 | 86.5 | 87.4 | 88.1 | 88.6 | 88.8 | 88.9 | 88.9 | 89.2 | 89.7 | 89.7 | 89.8 |
| ≥ 700 | 23.7 | 72.7 | 79.2 | 83.4 | 87.1 | 87.8 | 88.8 | 89.6 | 90.2 | 90.4 | 90.5 | 90.5 | 90.9 | 91.3 | 91.3 | 91.4 |
| ≥ 600 | 23.7 | 73.2 | 80.2 | 84.4 | 88.4 | 89.1 | 90.1 | 90.9 | 91.5 | 91.7 | 91.8 | 91.8 | 92.2 | 92.6 | 92.6 | 92.7 |
| ≥ 500 | 23.7 | 73.2 | 80.3 | 84.7 | 89.0 | 90.0 | 91.0 | 91.8 | 92.6 | 92.9 | 93.1 | 93.1 | 93.4 | 93.9 | 93.9 | 94.0 |
| ≥ 400 | 23.7 | 73.3 | 80.6 | 85.2 | 89.8 | 90.9 | 92.0 | 93.0 | 93.9 | 94.2 | 94.4 | 94.4 | 94.8 | 95.3 | 95.3 | 95.4 |
| ≥ 300 | 23.7 | 73.3 | 80.6 | 85.3 | 89.9 | 91.1 | 92.6 | 93.9 | 94.7 | 95.2 | 95.5 | 95.6 | 96.1 | 96.7 | 96.7 | 96.8 |
| ≥ 200 | 23.7 | 73.3 | 80.6 | 85.3 | 89.9 | 91.1 | 92.6 | 94.0 | 95.2 | 95.8 | 96.6 | 96.7 | 97.4 | 98.0 | 98.1 | 98.3 |
| ≥ 100 | 23.7 | 73.3 | 80.6 | 85.3 | 89.9 | 91.1 | 92.6 | 94.1 | 95.4 | 96.0 | 96.9 | 97.0 | 98.1 | 98.6 | 98.9 | 99.8 |
| ≥ 0 | 23.7 | 73.3 | 80.6 | 85.3 | 89.9 | 91.1 | 92.6 | 94.1 | 95.4 | 96.0 | 96.9 | 97.0 | 98.1 | 98.6 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3-F (STATION) | FT RUCKER AL (STATION NAME) | 69-70,73-80 (YEARS) | OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.1 | 64.4 | 65.7 | 65.9 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 20000 | 27.4 | 71.2 | 72.6 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 18000 | 27.4 | 71.3 | 72.7 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 16000 | 27.4 | 71.3 | 72.7 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 14000 | 27.5 | 71.5 | 72.9 | 73.2 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 12000 | 28.4 | 72.8 | 74.2 | 74.5 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 29.7 | 75.9 | 77.3 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 30.0 | 76.5 | 78.0 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 8000 | 30.5 | 78.1 | 79.8 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 7000 | 30.6 | 79.1 | 80.9 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 30.8 | 79.2 | 81.0 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 5000 | 31.1 | 81.0 | 81.7 | 82.5 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 4500 | 31.2 | 80.1 | 81.8 | 82.6 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4000 | 31.4 | 80.5 | 82.3 | 83.0 | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 3500 | 31.4 | 81.6 | 82.4 | 83.1 | 83.4 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 3000 | 31.6 | 81.4 | 83.1 | 83.9 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2500 | 32.2 | 82.6 | 84.4 | 85.2 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 2000 | 32.6 | 83.8 | 85.6 | 86.3 | 86.7 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 1800 | 32.7 | 84.4 | 86.2 | 87.1 | 87.4 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1500 | 33.1 | 85.5 | 87.8 | 88.7 | 89.0 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 1200 | 34.0 | 87.3 | 89.8 | 90.8 | 91.2 | 91.4 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1000 | 34.3 | 88.5 | 91.1 | 92.0 | 92.6 | 92.8 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 900 | 34.4 | 89. | 91.7 | 92.7 | 93.2 | 93.4 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 800 | 34.6 | 89.6 | 92.4 | 93.5 | 94.1 | 94.3 | 94.4 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 34.7 | 90.5 | 93.7 | 95.2 | 95.8 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 600 | 34.7 | 91.2 | 94.4 | 95.9 | 96.6 | 96.8 | 96.9 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 500 | 34.7 | 91.2 | 94.5 | 96.0 | 96.9 | 97.1 | 97.4 | 97.8 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 34.7 | 91.5 | 94.9 | 96.5 | 97.4 | 97.6 | 98.0 | 98.4 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 34.7 | 91.5 | 94.9 | 96.5 | 97.5 | 97.8 | 98.3 | 98.8 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 34.7 | 91.5 | 94.9 | 96.5 | 97.5 | 97.8 | 98.3 | 98.8 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 34.7 | 91.5 | 94.9 | 96.5 | 97.5 | 97.8 | 98.3 | 98.8 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 34.7 | 91.5 | 94.9 | 96.5 | 97.5 | 97.8 | 98.3 | 98.8 | 99.5 | 99.7 | 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

# CEILING VERSUS VISIBILITY

13859 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 35.1 | 68.1 | 68.1 | 68.1 | 69.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 20000 | 38. | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 18000 | 38.0 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 16000 | 38.7 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 14000 | 38.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 12000 | 38.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 10000 | 39.5 | 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 | 82.3 | 82.3 |
| ≥ 9000 | 39.5 | 82.0 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 8000 | 40.3 | 85.1 | 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 |
| ≥ 7000 | 40.9 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 6000 | 40.9 | 86.0 | 86.3 | 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 |
| ≥ 5000 | 41.2 | 86.7 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4500 | 41.4 | 87.3 | 87.5 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 4000 | 41.6 | 87.6 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 3500 | 41.7 | 88.3 | 88.8 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3000 | 42.2 | 89.1 | 89.8 | 89.9 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2500 | 42.7 | 90.1 | 90.8 | 90.9 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2000 | 43.5 | 91.6 | 92.3 | 92.4 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1800 | 43.9 | 92.0 | 92.7 | 92.8 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1500 | 44.0 | 93.2 | 93.9 | 94.0 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1200 | 44.4 | 94.1 | 95.1 | 95.3 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1000 | 44.6 | 94.3 | 95.3 | 95.5 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 900 | 44.6 | 94.6 | 95.6 | 95.9 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 800 | 44.6 | 94.6 | 95.6 | 96.0 | 96.7 | 97.0 | 97.0 | 97.0 | 97.1 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 44.6 | 95.1 | 96.1 | 96.6 | 97.3 | 97.7 | 97.7 | 97.7 | 97.8 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 44.6 | 95.3 | 96.5 | 97.1 | 97.7 | 98.2 | 98.3 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 44.6 | 95.3 | 96.5 | 97.1 | 98.1 | 98.5 | 98.7 | 98.8 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 44.6 | 95.4 | 96.6 | 97.2 | 98.2 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 44.6 | 95.4 | 96.6 | 97.2 | 98.2 | 98.7 | 98.9 | 99.0 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 44.6 | 95.4 | 96.6 | 97.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 44.6 | 95.4 | 96.6 | 97.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 44.6 | 95.4 | 96.6 | 97.2 | 98.3 | 98.8 | 99.0 | 99.1 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 69-70,73-30 YEARS | OCT MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 39.7 | 68.5 | 69.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 20000 | 44.1 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 18000 | 44.1 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 16000 | 44.1 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 14000 | 44.1 | 78.1 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 12000 | 45.5 | 80.5 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 10000 | 46.1 | 83.2 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 9000 | 46.2 | 84.0 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 8000 | 47.0 | 87.0 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 7000 | 47.5 | 87.7 | 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 |
| ≥ 6000 | 47.5 | 87.8 | 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 |
| ≥ 5000 | 48.0 | 89.0 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 4500 | 48.5 | 90.1 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 4000 | 48.7 | 91.3 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 3500 | 49.0 | 91.7 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 3000 | 49.4 | 92.5 | 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 |
| ≥ 2500 | 49.9 | 93.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2000 | 50.3 | 94.7 | 95.9 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1800 | 50.3 | 94.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1500 | 50.3 | 95.5 | 96.8 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 50.4 | 96.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1000 | 50.4 | 96.2 | 97.5 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 50.4 | 96.2 | 97.5 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 50.4 | 96.2 | 97.5 | 97.8 | 97.8 | 97.8 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 50.4 | 96.2 | 97.5 | 98.1 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 50.4 | 96.3 | 97.6 | 98.2 | 98.2 | 98.2 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 50.4 | 96.7 | 98.0 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 50.4 | 96.8 | 98.1 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 50.4 | 96.8 | 98.1 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 50.4 | 96.8 | 98.1 | 98.7 | 98.8 | 99.0 | 99.1 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 50.4 | 96.8 | 98.1 | 98.7 | 98.8 | 99.0 | 99.1 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 50.4 | 96.8 | 98.1 | 98.7 | 98.8 | 99.0 | 99.1 | 99.2 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 46.5 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 20000 | 49.7 | 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 |
| ≥ 18000 | 49.7 | 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 |
| ≥ 16000 | 49.7 | 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 |
| ≥ 14000 | 49.9 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 12000 | 51.2 | 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 | 82.3 |
| ≥ 10000 | 52.0 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 9000 | 52.5 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 8000 | 53.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 700 | 54.0 | 88.3 | 88.4 | 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 |
| ≥ 6000 | 54.1 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 5000 | 54.4 | 89.9 | 90.1 | 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 |
| ≥ 4500 | 55.2 | 90.9 | 91.0 | 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 |
| ≥ 4000 | 55.8 | 91.7 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3500 | 56.0 | 92.7 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 3000 | 56.4 | 93.2 | 93.5 | 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 |
| ≥ 2500 | 56.6 | 93.9 | 94.2 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 2000 | 56.8 | 95.1 | 95.4 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1800 | 56.8 | 95.3 | 95.6 | 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 |
| ≥ 1500 | 56.8 | 95.6 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 56.9 | 95.8 | 96.2 | 97.0 | 97.0 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 56.8 | 95.9 | 96.3 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 56.9 | 96.1 | 96.6 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 56.9 | 96.2 | 96.7 | 97.5 | 97.5 | 97.7 | 97.7 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 56.9 | 96.5 | 96.9 | 97.7 | 97.7 | 98.0 | 98.0 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 56.9 | 96.9 | 97.1 | 98.2 | 98.2 | 98.4 | 98.4 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 57.0 | 97.4 | 97.8 | 98.7 | 98.7 | 98.9 | 98.9 | 99.1 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 57.0 | 97.4 | 98.0 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 57.0 | 97.4 | 98.0 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 57.1 | 97.4 | 98.1 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 57.1 | 97.4 | 98.0 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 57.1 | 97.4 | 98.1 | 98.8 | 98.8 | 99.4 | 99.4 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

(3056) (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 51.8 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 |
| ≥ 20000 | 52.8 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 |
| ≥ 18000 | 52.8 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 |
| ≥ 16000 | 53.1 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 |
| ≥ 14000 | 53.2 | 83.1 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.7 | 83.7 |
| ≥ 12000 | 53.9 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 |
| ≥ 10000 | 54.6 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 |
| ≥ 9000 | 54.7 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 |
| ≥ 8000 | 56.0 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 |
| ≥ 7000 | 56.2 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 |
| ≥ 6000 | 56.7 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 |
| ≥ 5000 | 56.7 | 90.1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 |
| ≥ 4500 | 57.3 | 90.9 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 |
| ≥ 4000 | 57.5 | 91.4 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 | 92.2 |
| ≥ 3500 | 57.6 | 91.7 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 |
| ≥ 3000 | 57.7 | 92.2 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 |
| ≥ 2500 | 57.8 | 92.8 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 2000 | 58.2 | 93.9 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 1800 | 58.3 | 94.1 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 |
| ≥ 1500 | 58.5 | 94.5 | 94.9 | 94.9 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 |
| ≥ 1200 | 58.6 | 94.9 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 1000 | 58.7 | 95.3 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 |
| ≥ 900 | 58.8 | 95.6 | 96.1 | 96.3 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 800 | 58.8 | 95.6 | 96.2 | 96.6 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥ 700 | 58.9 | 95.9 | 96.6 | 96.9 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 |
| ≥ 600 | 58.9 | 96.6 | 97.2 | 97.5 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 500 | 58.9 | 96.8 | 97.4 | 97.7 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 400 | 58.9 | 97.0 | 97.6 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 300 | 58.9 | 97.1 | 97.7 | 98.6 | 99.1 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 200 | 58.9 | 97.3 | 98.0 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 100 | 58.9 | 97.3 | 98.0 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |
| 0 | 58.9 | 97.3 | 98.0 | 98.8 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13851 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 78.5 | 69.3 | 70.5 | 70.9 | 71.4 | 71.5 | 71.6 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.1 | 72.2 |
| ≥ 20000 | 40.5 | 74.6 | 75.9 | 76.4 | 76.9 | 77.0 | 77.2 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 |
| ≥ 18000 | 40.5 | 74.7 | 76.0 | 76.4 | 76.9 | 77.0 | 77.2 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.6 | 77.7 | 77.8 | 77.8 |
| ≥ 16000 | 40.5 | 74.8 | 76.0 | 76.5 | 77.0 | 77.1 | 77.3 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.8 | 77.9 |
| ≥ 14000 | 40.6 | 75.0 | 76.3 | 76.8 | 77.3 | 77.4 | 77.6 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 78.0 | 78.0 | 78.1 | 78.2 |
| ≥ 12000 | 41.4 | 76.3 | 77.6 | 78.1 | 78.5 | 78.6 | 78.8 | 78.9 | 79.0 | 79.0 | 79.1 | 79.1 | 79.2 | 79.3 | 79.4 | 79.4 |
| ≥ 10000 | 42.2 | 78.6 | 79.9 | 80.5 | 81.0 | 81.1 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 |
| ≥ 9000 | 42.5 | 79.1 | 80.6 | 81.1 | 81.6 | 81.7 | 81.9 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 | 82.3 | 82.4 | 82.5 | 82.5 |
| ≥ 8000 | 43.3 | 81.4 | 82.8 | 83.4 | 84.0 | 84.1 | 84.3 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.7 | 84.8 | 84.9 | 84.9 |
| ≥ 7000 | 43.5 | 82.0 | 83.5 | 84.1 | 84.6 | 84.8 | 85.0 | 85.1 | 85.2 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.6 | 85.6 |
| ≥ 6000 | 43.8 | 82.4 | 84.0 | 84.6 | 85.2 | 85.3 | 85.5 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 | 86.1 | 86.1 |
| ≥ 5000 | 44.1 | 83.2 | 84.8 | 85.4 | 86.0 | 86.2 | 86.4 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.9 | 87.0 | 87.0 |
| ≥ 4500 | 44.4 | 83.7 | 85.3 | 85.9 | 86.5 | 86.7 | 86.9 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.3 | 87.4 | 87.5 | 87.5 |
| ≥ 4000 | 44.7 | 84.3 | 85.9 | 86.5 | 87.1 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 |
| ≥ 3500 | 44.9 | 84.7 | 86.3 | 86.9 | 87.5 | 87.6 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 |
| ≥ 3000 | 45.0 | 85.2 | 86.9 | 87.6 | 88.1 | 88.3 | 88.5 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.9 | 89.0 | 89.1 | 89.2 |
| ≥ 2500 | 45.3 | 85.9 | 87.6 | 88.3 | 88.9 | 89.1 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.7 | 89.8 | 89.9 | 89.9 |
| ≥ 2000 | 45.6 | 87.0 | 88.7 | 89.5 | 90.1 | 90.3 | 90.5 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 91.0 | 91.1 | 91.2 | 91.2 |
| ≥ 1800 | 45.8 | 87.4 | 89.1 | 89.9 | 90.5 | 90.7 | 90.9 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.4 | 91.5 | 91.6 | 91.6 |
| ≥ 1500 | 46.0 | 88.1 | 90.0 | 90.8 | 91.4 | 91.6 | 91.9 | 92.0 | 92.1 | 92.2 | 92.2 | 92.2 | 92.4 | 92.4 | 92.5 | 92.6 |
| ≥ 1200 | 46.3 | 89.0 | 90.9 | 91.9 | 92.6 | 92.8 | 93.1 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.6 | 93.7 | 93.8 | 93.9 |
| ≥ 1000 | 46.4 | 89.4 | 91.4 | 92.4 | 93.1 | 93.4 | 93.7 | 93.8 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.3 | 94.4 | 94.4 |
| ≥ 900 | 46.5 | 89.8 | 91.8 | 92.8 | 93.6 | 93.9 | 94.2 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 |
| ≥ 800 | 46.6 | 90.0 | 92.2 | 93.3 | 94.1 | 94.4 | 94.7 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 |
| ≥ 700 | 46.8 | 90.3 | 92.6 | 93.8 | 94.7 | 95.0 | 95.3 | 95.5 | 95.7 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 |
| ≥ 600 | 46.6 | 90.7 | 93.0 | 94.3 | 95.2 | 95.5 | 95.8 | 96.1 | 96.3 | 96.4 | 96.5 | 96.5 | 96.6 | 96.7 | 96.8 | 96.9 |
| ≥ 500 | 46.6 | 91.0 | 93.4 | 94.7 | 95.8 | 96.1 | 96.5 | 96.8 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 |
| ≥ 400 | 46.7 | 91.2 | 93.7 | 95.2 | 96.3 | 96.7 | 97.1 | 97.4 | 97.8 | 97.9 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.5 |
| ≥ 300 | 46.7 | 91.2 | 93.9 | 95.3 | 96.5 | 96.9 | 97.4 | 97.7 | 98.2 | 98.3 | 98.5 | 98.5 | 98.7 | 98.8 | 98.9 | 99.0 |
| ≥ 200 | 46.7 | 91.3 | 93.8 | 95.3 | 96.5 | 97.0 | 97.5 | 97.9 | 98.4 | 98.6 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 |
| ≥ 100 | 46.7 | 91.3 | 93.8 | 95.3 | 96.5 | 97.0 | 97.5 | 97.9 | 98.5 | 98.7 | 99.1 | 99.1 | 99.4 | 99.5 | 99.7 | 99.9 |
| 0 | 46.7 | 91.3 | 93.8 | 95.3 | 96.5 | 97.0 | 97.5 | 97.9 | 98.5 | 98.7 | 99.1 | 99.1 | 99.4 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

72SI (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.5 | 63.1 | 63.5 | 63.8 | 65.5 | 65.7 | 66.3 | 66.5 | 66.6 | 66.6 | 66.9 | 66.9 | 67.4 | 67.5 | 67.6 | 68.1 |
| ≥ 20000 | 41.3 | 65.1 | 65.5 | 65.9 | 67.5 | 67.7 | 68.3 | 68.5 | 68.6 | 68.6 | 68.9 | 68.9 | 69.4 | 69.5 | 69.6 | 70.1 |
| ≥ 18000 | 41.3 | 65.1 | 65.5 | 65.9 | 67.5 | 67.7 | 68.3 | 68.5 | 68.6 | 68.6 | 68.9 | 68.9 | 69.4 | 69.5 | 69.6 | 70.1 |
| ≥ 16000 | 41.3 | 65.1 | 65.5 | 65.9 | 67.5 | 67.7 | 68.3 | 68.5 | 68.6 | 68.6 | 68.9 | 68.9 | 69.4 | 69.5 | 69.6 | 70.1 |
| ≥ 14000 | 41.3 | 65.1 | 65.5 | 65.9 | 67.5 | 67.7 | 68.3 | 68.5 | 68.6 | 68.6 | 68.9 | 68.9 | 69.4 | 69.5 | 69.6 | 70.1 |
| ≥ 12000 | 41.3 | 65.6 | 66.1 | 66.4 | 68.1 | 68.3 | 68.9 | 69.1 | 69.2 | 69.2 | 69.4 | 69.4 | 70.0 | 70.1 | 70.2 | 70.6 |
| ≥ 10000 | 42.2 | 67.4 | 67.9 | 68.2 | 70.0 | 70.2 | 70.9 | 71.1 | 71.2 | 71.2 | 71.4 | 71.4 | 72.2 | 72.3 | 72.5 | 73.0 |
| ≥ 9000 | 42.2 | 67.4 | 67.9 | 68.2 | 70.0 | 70.2 | 70.9 | 71.1 | 71.2 | 71.2 | 71.4 | 71.4 | 72.2 | 72.3 | 72.5 | 73.0 |
| ≥ 8000 | 42.8 | 69.7 | 69.2 | 69.5 | 71.3 | 71.5 | 72.2 | 72.4 | 72.5 | 72.5 | 72.7 | 72.7 | 73.5 | 73.6 | 73.9 | 74.3 |
| ≥ 7000 | 43.3 | 69.3 | 69.7 | 70.1 | 72.0 | 72.2 | 72.9 | 73.1 | 73.2 | 73.2 | 73.4 | 73.4 | 74.2 | 74.3 | 74.5 | 75.0 |
| ≥ 6000 | 44.0 | 70.6 | 71.1 | 71.4 | 73.3 | 73.5 | 74.2 | 74.4 | 74.9 | 74.9 | 75.1 | 75.1 | 75.9 | 76.0 | 76.2 | 76.6 |
| ≥ 5000 | 44.7 | 71.7 | 72.2 | 72.5 | 74.4 | 74.6 | 75.3 | 75.5 | 76.0 | 76.0 | 76.3 | 76.3 | 77.1 | 77.2 | 77.4 | 77.9 |
| ≥ 4500 | 45.3 | 72.4 | 72.9 | 73.2 | 75.1 | 75.3 | 76.0 | 76.2 | 76.6 | 76.6 | 77.0 | 77.0 | 77.8 | 78.0 | 78.2 | 78.8 |
| ≥ 4000 | 46.2 | 73.9 | 74.3 | 74.6 | 76.8 | 77.0 | 77.6 | 77.9 | 78.3 | 78.3 | 78.6 | 78.6 | 79.4 | 79.6 | 79.9 | 80.4 |
| ≥ 3500 | 46.4 | 74.4 | 74.9 | 75.2 | 77.4 | 77.6 | 78.3 | 78.5 | 79.0 | 79.0 | 79.3 | 79.3 | 80.1 | 80.3 | 80.5 | 81.1 |
| ≥ 3000 | 46.6 | 75.1 | 75.5 | 75.9 | 78.1 | 78.3 | 79.1 | 79.3 | 79.8 | 79.8 | 80.1 | 80.1 | 80.9 | 81.1 | 81.3 | 82.0 |
| ≥ 2500 | 47.3 | 76.4 | 76.9 | 77.2 | 79.4 | 79.6 | 80.4 | 80.6 | 81.1 | 81.1 | 81.4 | 81.4 | 82.2 | 82.4 | 82.6 | 83.3 |
| ≥ 2000 | 47.5 | 78.0 | 79.4 | 78.8 | 81.0 | 81.2 | 82.0 | 82.2 | 82.6 | 82.6 | 83.0 | 83.0 | 83.8 | 84.0 | 84.2 | 84.9 |
| ≥ 1800 | 47.7 | 78.4 | 78.9 | 79.2 | 81.4 | 81.6 | 82.4 | 82.6 | 83.1 | 83.1 | 83.4 | 83.4 | 84.2 | 84.4 | 84.6 | 85.3 |
| ≥ 1500 | 48.1 | 79.6 | 80.1 | 80.4 | 82.6 | 82.9 | 83.6 | 83.9 | 84.3 | 84.3 | 84.6 | 84.6 | 85.4 | 85.7 | 85.9 | 86.5 |
| ≥ 1200 | 48.4 | 80.3 | 81.0 | 81.4 | 83.8 | 84.0 | 84.9 | 85.1 | 85.5 | 85.5 | 85.9 | 85.9 | 86.7 | 86.9 | 87.1 | 87.8 |
| ≥ 1000 | 48.6 | 80.8 | 81.4 | 81.9 | 84.2 | 84.4 | 85.4 | 85.7 | 86.1 | 86.1 | 86.4 | 86.4 | 87.2 | 87.4 | 87.7 | 88.3 |
| ≥ 900 | 48.8 | 81.4 | 82.1 | 82.5 | 85.0 | 85.2 | 86.2 | 86.4 | 86.9 | 86.9 | 87.2 | 87.2 | 88.0 | 88.2 | 88.5 | 89.2 |
| ≥ 800 | 48.8 | 81.5 | 82.2 | 82.6 | 85.1 | 85.3 | 86.3 | 86.5 | 87.0 | 87.0 | 87.3 | 87.3 | 88.1 | 88.3 | 88.7 | 89.3 |
| ≥ 700 | 48.8 | 81.5 | 82.4 | 82.9 | 85.3 | 85.5 | 86.5 | 86.8 | 87.2 | 87.2 | 87.5 | 87.5 | 88.3 | 88.5 | 88.9 | 89.5 |
| ≥ 600 | 48.8 | 82.2 | 83.4 | 83.9 | 86.3 | 86.5 | 87.7 | 87.9 | 88.4 | 88.4 | 88.8 | 88.8 | 89.5 | 89.8 | 90.1 | 90.8 |
| ≥ 500 | 48.8 | 82.8 | 84.4 | 85.1 | 87.7 | 87.9 | 89.1 | 89.3 | 89.9 | 89.9 | 90.3 | 90.3 | 91.1 | 91.4 | 91.8 | 92.4 |
| ≥ 400 | 48.8 | 83.3 | 85.2 | 86.0 | 88.8 | 89.0 | 90.5 | 90.8 | 91.4 | 91.5 | 92.0 | 92.0 | 92.8 | 93.1 | 93.4 | 94.2 |
| ≥ 300 | 48.8 | 83.5 | 85.4 | 86.5 | 89.4 | 89.6 | 92.1 | 92.3 | 93.0 | 93.1 | 93.7 | 93.7 | 94.4 | 94.8 | 95.1 | 95.9 |
| ≥ 200 | 48.8 | 83.5 | 85.4 | 86.5 | 89.7 | 90.1 | 92.5 | 93.1 | 93.8 | 94.1 | 94.9 | 94.9 | 96.0 | 96.4 | 97.0 | 97.8 |
| ≥ 100 | 48.8 | 83.5 | 85.4 | 86.5 | 89.7 | 90.2 | 92.7 | 93.2 | 94.0 | 94.3 | 95.2 | 95.2 | 97.0 | 97.4 | 98.7 | 99.6 |
| ≥ 0 | 48.8 | 83.5 | 85.4 | 86.5 | 89.7 | 90.2 | 92.7 | 93.2 | 94.0 | 94.3 | 95.2 | 95.2 | 97.0 | 97.4 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 899

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3350 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.6 | 58.1 | 59.8 | 60.3 | 60.9 | 61.1 | 61.7 | 62.7 | 62.9 | 63.1 | 63.7 | 63.8 | 64.9 | 65.1 | 65.7 | 66.3 |
| ≥ 20000 | 38.1 | 59.6 | 61.4 | 62.0 | 62.8 | 63.0 | 63.6 | 64.6 | 64.8 | 65.0 | 65.6 | 65.7 | 66.8 | 67.0 | 67.6 | 68.2 |
| ≥ 18000 | 38.1 | 59.6 | 61.4 | 62.0 | 62.8 | 63.0 | 63.6 | 64.6 | 64.8 | 65.0 | 65.6 | 65.7 | 66.8 | 67.0 | 67.6 | 68.2 |
| ≥ 16000 | 38.1 | 59.6 | 61.4 | 62.0 | 62.8 | 63.0 | 63.6 | 64.6 | 64.8 | 65.0 | 65.6 | 65.7 | 66.8 | 67.0 | 67.6 | 68.2 |
| ≥ 14000 | 38.1 | 59.8 | 61.7 | 62.2 | 63.0 | 63.2 | 63.8 | 64.8 | 65.0 | 65.2 | 65.8 | 65.9 | 67.0 | 67.2 | 67.8 | 68.4 |
| ≥ 12000 | 38.1 | 60.0 | 61.9 | 62.4 | 63.2 | 63.4 | 64.0 | 65.0 | 65.2 | 65.4 | 66.0 | 66.1 | 67.2 | 67.4 | 68.0 | 68.7 |
| ≥ 10000 | 39.3 | 61.7 | 63.6 | 64.1 | 65.0 | 65.2 | 65.8 | 66.8 | 67.2 | 67.4 | 68.0 | 68.1 | 69.2 | 69.4 | 70.2 | 70.9 |
| ≥ 9000 | 39.3 | 61.8 | 63.7 | 64.2 | 65.1 | 65.3 | 65.9 | 66.9 | 67.3 | 67.6 | 68.1 | 68.2 | 69.3 | 69.6 | 70.3 | 71.0 |
| ≥ 8000 | 40.1 | 63.0 | 64.9 | 65.4 | 66.3 | 66.6 | 67.1 | 68.1 | 68.6 | 68.8 | 69.3 | 69.4 | 70.6 | 70.8 | 7 .6 | 72.2 |
| ≥ 7000 | 40.9 | 63.9 | 65.8 | 66.3 | 67.2 | 67.4 | 68.0 | 69.0 | 69.4 | 69.7 | 70.2 | 70.3 | 71.4 | 71.7 | 72.4 | 73.1 |
| ≥ 6000 | 41.1 | 64.7 | 66.6 | 67.1 | 68.0 | 68.2 | 68.8 | 69.8 | 70.2 | 70.4 | 71.0 | 71.1 | 72.3 | 72.6 | 73.3 | 74.0 |
| ≥ 5000 | 42.1 | 66.1 | 68. | 68.6 | 69.4 | 69.7 | 70.2 | 71.2 | 71.7 | 71.9 | 72.4 | 72.6 | 73.8 | 74.2 | 74.9 | 75.4 |
| ≥ 4500 | 42.6 | 66.7 | 68.6 | 69.1 | 70.0 | 70.2 | 70.8 | 71.8 | 72.2 | 72.4 | 73.0 | 73.1 | 74.3 | 74.6 | 75.3 | 76.0 |
| ≥ 4000 | 43.1 | 67.7 | 69.6 | 7 .1 | 71.4 | 71.7 | 72.2 | 73.2 | 73.7 | 73.9 | 74.4 | 74.6 | 75.8 | 76.1 | 76.9 | 77.6 |
| ≥ 3500 | 43.3 | 68.0 | 70.1 | 70.7 | 72.0 | 72.2 | 72.8 | 73.9 | 74.3 | 74.6 | 75.1 | 75.2 | 76.4 | 76.8 | 77.6 | 78.2 |
| ≥ 3000 | 43.7 | 68.7 | 70.8 | 71.3 | 72.7 | 72.9 | 73.4 | 74.6 | 75.1 | 75.2 | 75.8 | 75.9 | 77.1 | 77.6 | 78.3 | 79.0 |
| ≥ 2500 | 44.4 | 69.9 | 72.1 | 72.6 | 73.9 | 74.1 | 74.7 | 75.8 | 76.2 | 76.4 | 77.1 | 77.1 | 78.3 | 78.8 | 79.6 | 80.2 |
| ≥ 2000 | 45.0 | 71.4 | 73.7 | 74.2 | 75.6 | 75.8 | 76.3 | 77.4 | 77.9 | 78.1 | 78.7 | 78.8 | 80.0 | 80.4 | 81.2 | 81.9 |
| ≥ 1800 | 45.2 | 72.1 | 74.3 | 74.9 | 76.2 | 76.4 | 77.0 | 78.1 | 78.6 | 78.8 | 79.3 | 79.4 | 80.7 | 81.1 | 81.9 | 82.6 |
| ≥ 1500 | 45.6 | 73.0 | 75.2 | 75.9 | 77.2 | 77.4 | 78.0 | 79.1 | 79.6 | 79.8 | 80.3 | 80.4 | 81.7 | 82.1 | 82.9 | 83.6 |
| ≥ 1200 | 46.0 | 74.1 | 76.6 | 77.2 | 78.6 | 78.8 | 79.3 | 80.4 | 80.9 | 81.2 | 81.8 | 81.9 | 83.1 | 83.6 | 84.3 | 85.0 |
| ≥ 1000 | 46.1 | 74.7 | 77.3 | 78.0 | 79.6 | 79.9 | 80.6 | 81.7 | 82.1 | 82.4 | 83.0 | 83.1 | 84.3 | 84.9 | 85.6 | 86.2 |
| ≥ 900 | 46.1 | 75.2 | 77.9 | 78.6 | 80.1 | 80.4 | 81.1 | 82.2 | 82.7 | 83.0 | 83.6 | 83.7 | 84.9 | 85.3 | 86.1 | 86.8 |
| ≥ 800 | 46.3 | 76.0 | 78.8 | 79.6 | 81.3 | 81.9 | 82.6 | 83.8 | 84.2 | 84.7 | 85.2 | 85.3 | 86.6 | 87.0 | 87.8 | 88.4 |
| ≥ 700 | 46.4 | 76.2 | 79.2 | 8 .0 | 81.8 | 82.3 | 83.0 | 84.2 | 84.7 | 85.1 | 85.7 | 85.8 | 87.0 | 87.4 | 88.2 | 88.9 |
| ≥ 600 | 46.6 | 76.9 | 80.1 | 80.9 | 82.7 | 83.2 | 84.0 | 85.2 | 85.7 | 86.1 | 86.7 | 86.8 | 88.0 | 88.6 | 89.3 | 90.0 |
| ≥ 500 | 46.6 | 77.2 | 80.7 | 81.8 | 83.6 | 84.2 | 85.3 | 86.6 | 87.0 | 87.7 | 88.2 | 88.3 | 89.6 | 90.1 | 90.9 | 91.6 |
| ≥ 400 | 46.6 | 78.7 | 82.6 | 83.8 | 85.9 | 86.7 | 88.1 | 89.3 | 89.8 | 90.4 | 91.1 | 91.2 | 92.4 | 93.0 | 93.9 | 94.6 |
| ≥ 300 | 46.6 | 78.8 | 82.7 | 84.4 | 86.9 | 87.7 | 89.3 | 90.7 | 91.1 | 91.8 | 92.6 | 92.7 | 93.9 | 94.6 | 95.7 | 96.3 |
| ≥ 200 | 46.6 | 78.8 | 82.7 | 84.4 | 86.9 | 87.7 | 89.6 | 90.9 | 91.3 | 92.0 | 92.8 | 92.9 | 94.2 | 95.2 | 96.8 | 97.4 |
| ≥ 100 | 46.6 | 78.8 | 82.7 | 84.4 | 86.9 | 87.7 | 89.7 | 91.0 | 91.4 | 92.1 | 93.1 | 93.2 | 94.7 | 95.7 | 97.9 | 98.7 |
| ≥ 0 | 46.6 | 78.8 | 82.7 | 84.4 | 86.9 | 87.7 | 89.7 | 91.0 | 91.4 | 92.1 | 93.1 | 93.2 | 94.9 | 95.9 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03950 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

0600-0800 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.9 | 46.0 | 48.7 | 51.2 | 52.4 | 52.8 | 53.1 | 53.6 | 53.8 | 54.1 | 54.4 | 54.4 | 55.0 | 55.1 | 55.6 | 56.3 |
| ≥ 20000 | 24.9 | 49.1 | 51.9 | 54.9 | 56.1 | 56.7 | 57.0 | 57.6 | 57.8 | 58.1 | 58.4 | 58.4 | 59.1 | 59.3 | 59.8 | 60.7 |
| ≥ 18000 | 24.8 | 49.1 | 51.9 | 54.9 | 56.1 | 56.7 | 57.0 | 57.6 | 57.8 | 58.1 | 58.4 | 58.4 | 59.1 | 59.3 | 59.8 | 60.7 |
| ≥ 16000 | 24.9 | 49.2 | 52. | 55.0 | 56.2 | 56.8 | 57.1 | 57.7 | 57.9 | 58.2 | 58.6 | 58.6 | 59.2 | 59.4 | 59.9 | 60.8 |
| ≥ 14000 | 24.9 | 49.2 | 52. | 55.0 | 56.2 | 56.8 | 57.1 | 57.7 | 57.9 | 58.2 | 58.6 | 58.6 | 59.2 | 59.4 | 59.9 | 60.8 |
| ≥ 12000 | 24.8 | 49.6 | 52.3 | 55.3 | 56.7 | 57.2 | 57.6 | 58.1 | 58.3 | 58.7 | 59.1 | 59.0 | 59.7 | 59.9 | 60.3 | 61.2 |
| ≥ 10000 | 25.1 | 51.4 | 54.4 | 57.6 | 59.0 | 59.6 | 59.9 | 60.4 | 60.7 | 61.0 | 61.4 | 61.4 | 62.2 | 62.4 | 62.9 | 63.8 |
| ≥ 9000 | 25.3 | 51.9 | 55.1 | 58.2 | 59.7 | 60.2 | 60.6 | 61.1 | 61.3 | 61.7 | 62.1 | 62.1 | 62.9 | 63.1 | 63.6 | 64.4 |
| ≥ 8000 | 25.7 | 53.9 | 57.4 | 60.6 | 62.0 | 62.6 | 62.9 | 63.4 | 63.7 | 64.0 | 64.4 | 64.4 | 65.2 | 65.4 | 65.9 | 66.8 |
| ≥ 7000 | 26.1 | 54.6 | 58.1 | 61.2 | 62.7 | 63.2 | 63.6 | 64.1 | 64.3 | 64.7 | 65.1 | 65.1 | 65.9 | 66.1 | 66.6 | 67.4 |
| ≥ 6000 | 27.2 | 56.3 | 59.9 | 63.0 | 64.4 | 65.0 | 65.3 | 65.9 | 66.1 | 66.4 | 66.9 | 66.9 | 67.7 | 67.9 | 68.3 | 69.2 |
| ≥ 5000 | 27.6 | 57.6 | 61.4 | 64.8 | 66.2 | 66.8 | 67.1 | 67.7 | 67.9 | 68.3 | 68.8 | 68.8 | 69.6 | 69.8 | 70.2 | 71.1 |
| ≥ 4500 | 28.0 | 58.4 | 62.3 | 65.7 | 67.1 | 67.8 | 68.1 | 68.7 | 68.9 | 69.3 | 69.8 | 69.8 | 70.6 | 70.8 | 71.2 | 72.1 |
| ≥ 4000 | 28.3 | 59.2 | 63.1 | 66.4 | 67.9 | 68.7 | 69.3 | 69.9 | 70.1 | 70.6 | 71.0 | 71.0 | 71.8 | 72.1 | 72.6 | 73.4 |
| ≥ 3500 | 28.7 | 59.7 | 63.6 | 66.9 | 68.3 | 69.1 | 69.8 | 70.3 | 70.6 | 71.1 | 71.4 | 71.4 | 72.2 | 72.6 | 73.0 | 73.9 |
| ≥ 3000 | 29.1 | 60.2 | 64.2 | 67.7 | 69.2 | 70.0 | 70.7 | 71.2 | 71.4 | 71.9 | 72.3 | 72.3 | 73.1 | 73.4 | 73.9 | 74.8 |
| ≥ 2500 | 29.2 | 60.7 | 64.9 | 68.4 | 70.0 | 70.9 | 71.6 | 72.1 | 72.3 | 72.8 | 73.2 | 73.2 | 74.0 | 74.3 | 74.8 | 75.7 |
| ≥ 2000 | 29.8 | 62.0 | 66.4 | 70.0 | 71.8 | 72.7 | 73.3 | 74.1 | 74.3 | 74.8 | 75.3 | 75.3 | 76.1 | 76.4 | 76.9 | 77.8 |
| ≥ 1800 | 29.8 | 62.7 | 67.1 | 70.7 | 72.4 | 73.3 | 74.0 | 74.9 | 75.1 | 75.6 | 76.1 | 76.1 | 76.9 | 77.2 | 77.7 | 78.6 |
| ≥ 1500 | 29.8 | 63.6 | 68.2 | 71.8 | 73.6 | 74.4 | 75.1 | 76.0 | 76.2 | 76.7 | 77.2 | 77.2 | 78.0 | 78.3 | 78.8 | 79.7 |
| ≥ 1200 | 30.0 | 64.1 | 68.8 | 72.4 | 74.2 | 75.1 | 75.9 | 76.9 | 77.1 | 77.6 | 78.1 | 78.1 | 78.9 | 79.2 | 79.7 | 80.6 |
| ≥ 1000 | 30.1 | 65.7 | 70.3 | 74.0 | 75.8 | 76.8 | 77.6 | 78.6 | 78.9 | 79.3 | 79.9 | 79.9 | 80.8 | 81.1 | 81.6 | 82.4 |
| ≥ 900 | 30.3 | 65.9 | 70.8 | 74.7 | 76.7 | 77.7 | 78.4 | 79.4 | 79.8 | 80.2 | 80.8 | 80.8 | 81.7 | 82.0 | 82.4 | 83.3 |
| ≥ 800 | 30.3 | 65.9 | 70.8 | 74.9 | 77.1 | 78.2 | 79.2 | 80.2 | 80.6 | 81.0 | 81.6 | 81.6 | 82.4 | 82.8 | 83.2 | 84.1 |
| ≥ 700 | 30.6 | 66.7 | 71.6 | 76.0 | 78.4 | 79.6 | 80.8 | 81.9 | 82.2 | 82.7 | 83.2 | 83.2 | 84.1 | 84.4 | 84.9 | 85.8 |
| ≥ 600 | 30.7 | 67.3 | 72.3 | 76.8 | 79.4 | 80.8 | 82.0 | 83.1 | 83.6 | 84.0 | 84.6 | 84.6 | 85.9 | 86.2 | 86.7 | 87.6 |
| ≥ 500 | 30.7 | 68.2 | 73.9 | 78.3 | 81.6 | 83.0 | 84.4 | 85.6 | 86.0 | 86.4 | 87.0 | 87.0 | 88.3 | 88.7 | 89.1 | 90.0 |
| ≥ 400 | 30.7 | 68.6 | 74.3 | 79.0 | 82.4 | 84.1 | 85.9 | 87.2 | 87.9 | 88.4 | 89.1 | 89.1 | 90.4 | 90.8 | 91.2 | 92.2 |
| ≥ 300 | 30.7 | 69.0 | 74.8 | 79.7 | 83.4 | 85.2 | 87.3 | 89.0 | 90.2 | 90.9 | 91.8 | 91.8 | 93.1 | 93.6 | 94.0 | 95.0 |
| ≥ 200 | 30.7 | 69.0 | 74.9 | 80.0 | 83.9 | 85.7 | 88.0 | 89.8 | 91.3 | 92.1 | 93.3 | 93.3 | 95.3 | 95.8 | 96.6 | 97.8 |
| ≥ 100 | 30.7 | 69.0 | 74.9 | 80.0 | 83.9 | 85.7 | 88.1 | 89.9 | 91.4 | 92.2 | 93.6 | 93.6 | 95.7 | 96.1 | 97.6 | 99.2 |
| ≥ 0 | 30.7 | 69.0 | 74.9 | 80.0 | 83.9 | 85.7 | 88.1 | 89.9 | 91.4 | 92.2 | 93.6 | 93.6 | 95.7 | 96.1 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13855 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 28.7 | 56.4 | 57.4 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 57.9 |
| ≥ 20000 | 29.1 | 61.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 18000 | 29.1 | 61.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 16000 | 29.1 | 61.1 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.6 | 62.6 | 62.6 |
| ≥ 14000 | 29.2 | 61.6 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.1 | 63.1 | 63.1 |
| ≥ 12000 | 29.2 | 62.1 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 |
| ≥ 10000 | 29.9 | 64.2 | 65.4 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 66.0 | 66.0 | 66.0 |
| ≥ 9000 | 30.0 | 64.8 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.6 | 66.6 | 66.6 |
| ≥ 8000 | 30.6 | 67.7 | 69.1 | 69.3 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.7 | 69.9 | 69.9 | 69.9 |
| ≥ 7000 | 30.8 | 68.2 | 69.7 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.4 | 70.4 | 70.4 |
| ≥ 6000 | 31.6 | 69.6 | 71.0 | 71.2 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 |
| ≥ 5000 | 32.3 | 70.7 | 72.3 | 72.8 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.6 | 73.6 | 73.6 |
| ≥ 4500 | 33.1 | 72.1 | 73.8 | 74.2 | 74.4 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.9 | 75.1 | 75.1 | 75.1 |
| ≥ 4000 | 33.4 | 73.0 | 74.7 | 75.2 | 75.4 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 | 76.1 | 76.1 | 76.1 |
| ≥ 3500 | 33.6 | 73.7 | 75.4 | 76.1 | 76.3 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 77.1 | 77.1 | 77.1 |
| ≥ 3000 | 33.7 | 74.1 | 75.9 | 76.8 | 76.8 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.6 | 77.6 | 77.6 |
| ≥ 2500 | 33.9 | 75.4 | 77.4 | 78.1 | 78.3 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.6 | 78.8 | 78.9 | 79.1 | 79.1 | 79.1 |
| ≥ 2000 | 34.1 | 77.1 | 79.3 | 80.0 | 80.2 | 80.4 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 81.0 | 81.0 | 81.0 |
| ≥ 1800 | 34.1 | 77.4 | 79.8 | 80.4 | 80.7 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.2 | 81.4 | 81.4 | 81.4 |
| ≥ 1500 | 34.4 | 79.7 | 82.0 | 82.7 | 82.9 | 83.2 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.6 | 83.8 | 83.8 | 83.8 |
| ≥ 1200 | 34.7 | 80.8 | 83.6 | 84.3 | 84.8 | 85.2 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 | 86.1 | 86.1 | 86.1 |
| ≥ 1000 | 34.8 | 81.9 | 84.8 | 85.8 | 86.3 | 86.9 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.6 | 87.8 | 87.8 | 87.8 |
| ≥ 900 | 35.1 | 83.4 | 86.4 | 87.9 | 88.4 | 89.0 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.9 | 89.9 | 89.9 |
| ≥ 800 | 35.1 | 83.9 | 87. | 88.7 | 89.2 | 89.8 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.9 | 90.9 | 90.9 |
| ≥ 700 | 35.1 | 84.4 | 87.9 | 89.8 | 90.7 | 91.4 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 |
| ≥ 600 | 35.1 | 85.4 | 89.1 | 91.2 | 92.1 | 92.9 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 94.0 | 94.2 | 94.2 | 94.2 |
| ≥ 500 | 35.1 | 86.1 | 90.2 | 92.7 | 94.1 | 95.0 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.4 | 96.7 | 96.7 | 96.7 |
| ≥ 400 | 35.1 | 86.1 | 90.7 | 93.2 | 94.8 | 95.7 | 96.6 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.6 | 97.8 | 97.8 | 97.8 |
| ≥ 300 | 35.1 | 86.2 | 91.0 | 93.8 | 95.3 | 96.2 | 97.4 | 97.9 | 98.2 | 98.3 | 98.4 | 98.4 | 98.8 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 35.1 | 86.2 | 91.1 | 94.0 | 95.6 | 96.4 | 97.9 | 98.4 | 98.8 | 98.9 | 99.0 | 99.0 | 99.4 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 35.1 | 86.2 | 91.1 | 94.0 | 95.6 | 96.4 | 97.9 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 |
| 0 | 35.1 | 86.2 | 91.1 | 94.0 | 95.6 | 96.4 | 97.9 | 98.4 | 98.9 | 99.0 | 99.1 | 99.1 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03854 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 33.7 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 |
| ≥ 20000 | 35.6 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 18000 | 35.6 | 66.0 | 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 |
| ≥ 16000 | 35.6 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 14000 | 35.8 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 12000 | 36.3 | 67.3 | 67.3 | 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 |
| ≥ 10000 | 37.0 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 9000 | 37.2 | 70.4 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 8000 | 38.1 | 73.9 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 7000 | 38.7 | 74.8 | 74.9 | 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 |
| ≥ 6000 | 39.9 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 5000 | 40.4 | 77.1 | 77.2 | 77.4 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4500 | 40.7 | 77.3 | 77.4 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4000 | 41.7 | 79.1 | 79.3 | 79.6 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 42.2 | 80.1 | 80.4 | 80.7 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3000 | 42.6 | 82.1 | 82.4 | 82.7 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 2500 | 42.9 | 84.3 | 84.8 | 85.0 | 85.3 | 85.3 | 85.4 | 85.4 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 2000 | 43.1 | 87.0 | 87.6 | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1800 | 43.2 | 87.8 | 88.3 | 88.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | 43.4 | 89.2 | 89.8 | 90.1 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1200 | 43.7 | 90.4 | 91.3 | 91.7 | 92.2 | 92.3 | 92.6 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1000 | 43.9 | 91.9 | 92.8 | 93.1 | 93.8 | 94.0 | 94.2 | 94.2 | 94.3 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 900 | 44.0 | 92.6 | 93.6 | 94.0 | 94.7 | 94.9 | 95.1 | 95.2 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 800 | 44.1 | 92.9 | 94.1 | 94.6 | 95.4 | 95.7 | 95.9 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 700 | 44.2 | 93.1 | 94.3 | 94.9 | 95.8 | 96.0 | 96.3 | 96.4 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 600 | 44.6 | 93.2 | 94.8 | 95.3 | 96.3 | 96.6 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 500 | 44.0 | 93.7 | 95.6 | 96.3 | 97.4 | 97.7 | 98.2 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400 | 44.0 | 94.0 | 96.0 | 96.8 | 97.9 | 98.1 | 98.8 | 99.0 | 99.1 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 44.0 | 94.0 | 96.1 | 96.9 | 98.1 | 98.3 | 99.0 | 99.2 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 44.0 | 94.0 | 96.1 | 96.9 | 98.2 | 98.4 | 99.1 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 44.0 | 94.0 | 96.1 | 96.9 | 98.2 | 98.4 | 99.1 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 44.0 | 94.0 | 96.1 | 96.9 | 98.2 | 98.4 | 99.1 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3950 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | ≥0 |
| NO CEILING | 36.3 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 20000 | 37.9 | 69.0 | 69.0 | 69.0 | 69. | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 18000 | 37.9 | 69.0 | 69. | 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 |
| ≥ 16000 | 37.9 | 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 | 69.0 |
| ≥ 14000 | 38.1 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 12000 | 39.0 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 10000 | 39.9 | 72.7 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 9000 | 40.2 | 73.2 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 8000 | 40.9 | 76.3 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 7000 | 41.1 | 76.9 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 6000 | 41.8 | 78.6 | 79.0 | 79.0 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 5000 | 42.9 | 81.3 | 81.9 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4500 | 43.2 | 80.8 | 81.3 | 81.4 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4000 | 44.1 | 82.7 | 83.2 | 83.3 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3500 | 44.4 | 83.9 | 84.6 | 84.8 | 85.6 | 85.6 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 3000 | 44.7 | 85.2 | 85.9 | 86.1 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 2500 | 45.0 | 86.9 | 87.7 | 88.0 | 88.9 | 89.0 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2000 | 45.0 | 88.2 | 89.2 | 89.7 | 90.6 | 90.7 | 91.0 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1800 | 45.1 | 88.7 | 89.7 | 90.1 | 91.0 | 91.1 | 91.4 | 91.6 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1500 | 45.2 | 88.9 | 90.0 | 90.6 | 91.4 | 91.7 | 92.0 | 92.1 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1200 | 45.2 | 89.7 | 90.8 | 91.3 | 92.2 | 92.4 | 92.8 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1000 | 45.2 | 90.0 | 91.2 | 91.8 | 92.7 | 93.0 | 93.3 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 900 | 45.3 | 90.4 | 91.7 | 92.2 | 93.1 | 93.6 | 93.9 | 94.1 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 800 | 45.3 | 90.7 | 92. | 92.7 | 93.6 | 94.0 | 94.3 | 94.6 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 700 | 45.3 | 90.8 | 92.2 | 93.0 | 93.9 | 94.3 | 94.7 | 94.9 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 600 | 45.3 | 91.7 | 93.1 | 94.0 | 94.9 | 95.3 | 95.7 | 95.9 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 500 | 45.3 | 92.0 | 93.6 | 94.6 | 95.4 | 95.9 | 96.3 | 96.8 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 45.3 | 92.2 | 94.3 | 95.3 | 96.4 | 96.9 | 97.4 | 98.0 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 45.3 | 92.3 | 94.3 | 95.4 | 96.6 | 97.0 | 97.8 | 98.3 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 45.3 | 92.3 | 94.3 | 95.4 | 96.6 | 97.0 | 97.8 | 98.3 | 99.1 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 45.3 | 92.3 | 94.3 | 95.4 | 96.6 | 97.0 | 97.9 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 45.3 | 92.3 | 94.3 | 95.4 | 96.6 | 97.0 | 97.9 | 98.6 | 99.3 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3[illegible] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.[illegible] | 67.[illegible] | 67.[illegible] | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 20000 | 45.[illegible] | 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 |
| ≥ 18000 | 45.[illegible] | 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 |
| ≥ 16000 | 45.[illegible] | 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 |
| ≥ 14000 | 45.3 | 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 |
| ≥ 12000 | 45.3 | 72.0 | 72.[illegible] | 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 |
| ≥ 10000 | 47.0 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 9000 | 47.4 | 75.0 | 75.[illegible] | 75.0 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 8000 | 49.7 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 7000 | 50.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 6000 | 52.3 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 5000 | 52.7 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 4500 | 53.[illegible] | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4000 | 53.4 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 3500 | 54.0 | 86.2 | 86.3 | 86.3 | 86.3 | 86.4 | 86.4 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3000 | 54.1 | 87.0 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 2500 | 54.3 | 88.2 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 2000 | 54.4 | 90.0 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1800 | 54.4 | 90.3 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1500 | 54.6 | 91.1 | 91.4 | 91.5 | 91.5 | 91.6 | 91.6 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1200 | 54.7 | 91.5 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1000 | 54.7 | 91.5 | 91.9 | 92.3 | 92.4 | 92.5 | 92.5 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 900 | 55.2 | 92.2 | 92.5 | 93.[illegible] | 93.1 | 93.2 | 93.2 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 800 | 55.2 | 92.2 | 92.6 | 93.1 | 93.3 | 93.4 | 93.4 | 94.[illegible] | 94.[illegible] | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 700 | 55.2 | 92.4 | 93.[illegible] | 93.4 | 93.8 | 93.9 | 93.9 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 600 | 55.3 | 93.0 | 93.5 | 94.1 | 94.4 | 94.5 | 94.5 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 500 | 5[illegible] | 93.3 | 94.0 | 94.5 | 94.9 | 95.1 | 95.1 | 95.8 | 96.[illegible] | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 400 | 5[illegible] | 93.5 | 94.3 | 95.2 | 95.5 | 95.8 | 95.8 | 96.5 | 96.6 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 300 | 55.4 | 93.5 | 94.6 | 95.7 | 96.1 | 96.3 | 96.3 | 97.1 | 97.3 | 97.8 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 200 | 55.4 | 93.5 | 94.[illegible] | 95.9 | 96.3 | 96.5 | 96.5 | 97.3 | 97.7 | 98.1 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 100 | 55.4 | 93.5 | 94.8 | 96.0 | 96.4 | 96.7 | 96.7 | 97.4 | 97.8 | 98.3 | 98.6 | 98.6 | 99.3 | 99.3 | 99.6 | 99.6 |
| ≥ 0 | 55.4 | 93.5 | 94.8 | 96.[illegible] | 96.4 | 96.7 | 96.7 | 97.4 | 97.8 | 98.3 | 98.6 | 98.6 | 99.3 | 99.3 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.3 | 67.7 | 67.8 | 67.8 | 68.2 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.5 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 20000 | 44.1 | 70.1 | 70.2 | 70.2 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 18000 | 44.1 | 70.1 | 70.2 | 70.2 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 16000 | 44.1 | 70.1 | 70.2 | 70.2 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 14000 | 44.1 | 70.1 | 70.2 | 70.2 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 12000 | 44.6 | 70.9 | 71.0 | 71.0 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 10000 | 46.5 | 74.1 | 74.2 | 74.2 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 9000 | 46.7 | 74.4 | 74.5 | 74.5 | 75.1 | 75.1 | 75.1 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 8000 | 48.3 | 77.0 | 77.3 | 77.3 | 77.9 | 77.9 | 77.9 | 78.0 | 78. | 78.0 | 78.1 | 78.1 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 7000 | 48.9 | 77.7 | 77.9 | 77.9 | 78.6 | 78.6 | 78.6 | 78.8 | 79.0 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | 50.1 | 79.4 | 79.6 | 79.6 | 80.3 | 80.3 | 80.3 | 80.5 | 80.7 | 80.7 | 80.8 | 80.8 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 5000 | 50.4 | 80.5 | 80.7 | 80.7 | 81.4 | 81.4 | 81.4 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 4500 | 50.7 | 81.2 | 81.4 | 81.4 | 82.1 | 82.1 | 82.1 | 82.3 | 82.5 | 82.5 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4000 | 51.1 | 81.6 | 81.9 | 81.9 | 82.6 | 82.6 | 82.6 | 82.8 | 83.1 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3500 | 51.3 | 82.3 | 82.5 | 82.6 | 83.3 | 83.3 | 83.3 | 83.5 | 83.7 | 83.7 | 83.8 | 83.8 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3000 | 51.7 | 83.3 | 83.5 | 83.6 | 84.3 | 84.3 | 84.3 | 84.5 | 84.7 | 84.8 | 84.9 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 2500 | 52.1 | 85.2 | 85.4 | 85.5 | 86.2 | 86.2 | 86.2 | 86.4 | 86.6 | 86.7 | 86.8 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2000 | 52.2 | 86.6 | 86.8 | 87.0 | 87.6 | 87.6 | 87.6 | 87.8 | 88.1 | 88.2 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 1800 | 52.4 | 86.8 | 87.1 | 87.2 | 87.8 | 87.8 | 87.8 | 88.1 | 88.3 | 88.4 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 1500 | 52.6 | 87.0 | 87.3 | 87.4 | 88.1 | 88.1 | 88.1 | 88.4 | 88.6 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1200 | 53.1 | 87.7 | 88.0 | 88.3 | 89.0 | 89.0 | 89.0 | 89.2 | 89.4 | 89.5 | 89.6 | 89.6 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1000 | 53.3 | 88.2 | 88.5 | 88.8 | 89.5 | 89.5 | 89.5 | 89.7 | 89.9 | 90.0 | 90.1 | 90.1 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 900 | 53.3 | 88.4 | 88.7 | 89.0 | 89.7 | 89.7 | 89.7 | 89.9 | 90.1 | 90.2 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 800 | 53.3 | 88.6 | 89.0 | 89.3 | 90.0 | 90.0 | 90.0 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 700 | 53.4 | 89.2 | 89.5 | 89.8 | 90.5 | 90.5 | 90.5 | 90.7 | 90.9 | 91.0 | 91.1 | 91.1 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 600 | 53.5 | 90.0 | 90.3 | 90.6 | 91.3 | 91.3 | 91.3 | 91.5 | 91.7 | 91.8 | 91.9 | 91.9 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 500 | 53.6 | 90.6 | 91.0 | 91.3 | 92.0 | 92.0 | 92.0 | 92.2 | 92.4 | 92.5 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 400 | 53.6 | 90.9 | 91.3 | 91.6 | 92.3 | 92.3 | 92.3 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 300 | 53.6 | 91.0 | 91.4 | 91.7 | 92.4 | 92.4 | 92.4 | 92.6 | 92.8 | 92.9 | 93.0 | 93.0 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 200 | 53.6 | 91.2 | 91.6 | 91.9 | 92.6 | 92.6 | 92.6 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 |
| > 100 | 53.6 | 91.2 | 91.6 | 91.9 | 92.6 | 92.6 | 92.6 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≤ 0 | 53.6 | 91.2 | 91.6 | 91.9 | 92.6 | 92.6 | 92.6 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 93.5 |
| | 53.6 | 91.2 | 91.6 | 91.9 | 92.6 | 92.6 | 92.6 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.5 | 93.5 | 93.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 897

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

ALL HOURS (L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 35.8 | 59.5 | 60.3 | 60.7 | 61.2 | 61.3 | 61.5 | 61.7 | 61.8 | 61.9 | 62.[illegible] | 62.[illegible] | 62.4 | 62.4 | 62.6 | 62.8 |
| ≥ 20000 | 37.0 | 63.9 | 64.7 | 65.2 | 65.8 | 65.9 | 66.1 | 66.3 | 66.4 | 66.4 | 66.6 | 66.6 | 66.9 | 67.[illegible] | 67.2 | 67.4 |
| ≥ 18000 | 37.0 | 63.9 | 64.7 | 65.2 | 65.8 | 65.9 | 66.1 | 66.3 | 66.4 | 66.4 | 66.6 | 66.6 | 66.9 | 67.0 | 67.2 | 67.4 |
| ≥ 16000 | 37.[illegible] | 64.[illegible] | 64.7 | 65.2 | 65.8 | 65.9 | 66.1 | 66.3 | 66.4 | 66.5 | 66.6 | 66.6 | 67.0 | 67.0 | 67.2 | 67.4 |
| ≥ 14000 | 37.1 | 64.2 | 65.[illegible] | 65.5 | 66.1 | 66.2 | 66.4 | 66.6 | 66.7 | 66.7 | 66.9 | 66.9 | 67.2 | 67.3 | 67.5 | 67.7 |
| ≥ 12000 | 37.3 | 64.8 | 65.6 | 66.1 | 66.6 | 66.8 | 67.0 | 67.2 | 67.3 | 67.3 | 67.5 | 67.5 | 67.8 | 67.9 | 68.1 | 68.3 |
| ≥ 10000 | 38.3 | 67.0 | 67.9 | 68.4 | 69.0 | 69.2 | 69.4 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 | 70.3 | 70.4 | 70.6 | 70.9 |
| ≥ 9000 | 38.5 | 67.4 | 68.[illegible] | 68.8 | 69.4 | 69.6 | 69.8 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 | 70.7 | 70.8 | 71.0 | 71.2 |
| ≥ 8000 | 39.3 | 69.9 | 70.9 | 71.4 | 72.1 | 72.2 | 72.4 | 72.7 | 72.8 | 72.8 | 73.0 | 73.0 | 73.4 | 73.5 | 73.7 | 73.9 |
| ≥ 7000 | 40.0 | 70.6 | 71.6 | 72.2 | 72.8 | 73.0 | 73.2 | 73.5 | 73.6 | 73.7 | 73.8 | 73.8 | 74.2 | 74.3 | 74.5 | 74.7 |
| ≥ 6000 | 41.0 | 72.1 | 73.2 | 73.7 | 74.4 | 74.6 | 74.8 | 75.0 | 75.2 | 75.3 | 75.4 | 75.5 | 75.9 | 75.9 | 76.1 | 76.4 |
| ≥ 5000 | 41.6 | 73.4 | 74.5 | 75.1 | 75.9 | 76.0 | 76.2 | 76.5 | 76.7 | 76.8 | 76.9 | 76.9 | 77.3 | 77.4 | 77.6 | 77.9 |
| ≥ 4500 | 42.1 | 74.1 | 75.2 | 75.8 | 76.5 | 76.7 | 76.9 | 77.2 | 77.4 | 77.5 | 77.7 | 77.7 | 78.1 | 78.2 | 78.4 | 78.6 |
| ≥ 4000 | 42.7 | 75.3 | 76.4 | 77.0 | 77.9 | 78.1 | 78.3 | 78.6 | 78.8 | 78.9 | 79.0 | 79.1 | 79.5 | 79.6 | 79.8 | 80.0 |
| ≥ 3500 | 43.[illegible] | 76.[illegible] | 77.2 | 77.9 | 78.8 | 79.0 | 79.2 | 79.5 | 79.7 | 79.8 | 80.0 | 80.0 | 80.4 | 80.5 | 80.7 | 81.0 |
| ≥ 3000 | 43.[illegible] | 76.9 | 78.[illegible] | 78.9 | 79.7 | 79.9 | 80.2 | 80.5 | 80.7 | 80.8 | 81.0 | 81.0 | 81.4 | 81.5 | 81.7 | 82.0 |
| ≥ 2500 | 43.6 | 78.4 | 79.7 | 80.4 | 81.3 | 81.5 | 81.8 | 82.1 | 82.3 | 82.5 | 82.6 | 82.7 | 83.1 | 83.2 | 83.4 | 83.7 |
| ≥ 2000 | 43.9 | 8[illegible].0 | 81.[illegible] | 82.2 | 83.1 | 83.4 | 83.7 | 84.1 | 84.2 | 84.4 | 84.6 | 84.6 | 85.0 | 85.1 | 85.3 | 85.6 |
| ≥ 1800 | 44.0 | 80.5 | 82.[illegible] | 82.7 | 83.7 | 83.9 | 84.2 | 84.6 | 84.8 | 84.9 | 85.1 | 85.1 | 85.5 | 85.7 | 85.8 | 86.1 |
| ≥ 1500 | 44.2 | 81.5 | 83.[illegible] | 83.8 | 84.8 | 85.0 | 85.3 | 85.7 | 85.9 | 86.1 | 86.3 | 86.3 | 86.7 | 86.8 | 87.0 | 87.3 |
| ≥ 1200 | 44.5 | 82.3 | 84.[illegible] | 84.8 | 85.8 | 86.1 | 86.5 | 86.9 | 87.1 | 87.3 | 87.5 | 87.5 | 87.9 | 88.1 | 88.2 | 88.5 |
| ≥ 1000 | 44.6 | 83.1 | 84.8 | 85.7 | 86.8 | 87.2 | 87.6 | 88.0 | 88.3 | 88.4 | 88.6 | 88.6 | 89.0 | 89.2 | 89.4 | 89.6 |
| ≥ 900 | 44.8 | 83.7 | 85.5 | 86.5 | 87.7 | 88.0 | 88.5 | 88.9 | 89.1 | 89.3 | 89.5 | 89.5 | 89.9 | 90.1 | 90.3 | 90.5 |
| ≥ 800 | 44.[illegible] | 83.9 | 85.8 | 87.0 | 88.2 | 88.6 | 89.1 | 89.5 | 89.8 | 90.0 | 90.2 | 90.2 | 90.6 | 90.7 | 90.9 | 91.2 |
| ≥ 700 | 44.8 | 84.3 | 86.3 | 87.6 | 88.9 | 89.3 | 89.9 | 90.3 | 90.6 | 90.8 | 91.0 | 91.0 | 91.4 | 91.5 | 91.7 | 92.0 |
| ≥ 600 | 44.9 | 85.[illegible] | 87.2 | 88.5 | 89.8 | 90.3 | 90.9 | 91.4 | 91.7 | 91.9 | 92.1 | 92.1 | 92.6 | 92.8 | 93.0 | 93.2 |
| ≥ 500 | 44.9 | 85.5 | 88.[illegible] | 89.5 | 91.0 | 91.5 | 92.3 | 92.9 | 93.2 | 93.4 | 93.7 | 93.7 | 94.2 | 94.4 | 94.6 | 94.9 |
| ≥ 400 | 44.9 | 85.9 | 88.6 | 90.3 | 92.0 | 92.6 | 93.5 | 94.1 | 94.6 | 94.9 | 95.2 | 95.2 | 95.7 | 95.9 | 96.1 | 96.4 |
| ≥ 300 | 44.9 | 86.0 | 88.9 | 90.7 | 92.6 | 93.2 | 94.4 | 95.1 | 95.6 | 96.0 | 96.3 | 96.3 | 96.8 | 97.1 | 97.3 | 97.6 |
| ≥ 200 | 44.9 | 86.1 | 88.9 | 90.9 | 92.8 | 93.5 | 94.7 | 95.5 | 96.1 | 96.5 | 96.9 | 97.0 | 97.7 | 97.9 | 98.3 | 98.6 |
| ≥ 100 | 44.9 | 86.1 | 88.9 | 90.9 | 92.9 | 93.5 | 94.8 | 95.6 | 96.3 | 96.7 | 97.2 | 97.2 | 98.1 | 98.4 | 99.1 | 99.5 |
| ≥ 0 | 44.9 | 86.1 | 88.9 | 90.9 | 92.9 | 93.5 | 94.8 | 95.6 | 96.3 | 96.7 | 97.2 | 97.2 | 98.2 | 98.4 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7193

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 43.7 | 56.7 | 57.2 | 57.5 | 57.7 | 57.7 | 58.1 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.5 | 58.9 | 59.1 |
| ≥ 20000 | 44.3 | 58.9 | 59.5 | 59.8 | 6 .0 | 60.0 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.8 | 61.2 | 61.4 |
| ≥ 18000 | 44.9 | 58.9 | 59.5 | 59.8 | 6 .0 | 60.0 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.8 | 61.2 | 61.4 |
| ≥ 16000 | 44.9 | 58.9 | 59.5 | 59.8 | 6 .0 | 60.0 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.8 | 61.2 | 61.4 |
| ≥ 14000 | 45.3 | 59.2 | 59.8 | 6 .1 | 60.3 | 60.3 | 60.6 | 60.6 | 6 .8 | 60.8 | 60.8 | 60.8 | 60.9 | 61.1 | 61.5 | 61.7 |
| ≥ 12000 | 46.1 | 60.6 | 61.2 | 61.5 | 61.7 | 61.7 | 62.0 | 62.0 | 62.2 | 62.2 | 62.2 | 62.2 | 62.3 | 62.5 | 62.9 | 63.1 |
| ≥ 10000 | 47.1 | 62.0 | 62.6 | 62.9 | 63.2 | 63.2 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 64.0 | 64.4 | 64.6 |
| ≥ 9000 | 47.4 | 62.4 | 62.7 | 63.2 | 63.5 | 63.5 | 63.9 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.3 | 64.7 | 64.9 |
| ≥ 8000 | 48.3 | 63.3 | 63.9 | 64.2 | 64.5 | 64.5 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 65.1 | 65.3 | 65.7 | 65.9 |
| ≥ 7000 | 49.6 | 64.8 | 65.4 | 65.7 | 66.0 | 66.0 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.6 | 66.8 | 67.2 | 67.4 |
| ≥ 6000 | 50.4 | 66.3 | 66.9 | 67.3 | 67.6 | 67.6 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.2 | 68.4 | 68.8 | 69.0 |
| ≥ 5000 | 51.0 | 67.1 | 68.3 | 68.7 | 69.0 | 69.0 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.8 | 70.2 | 70.4 |
| ≥ 4500 | 51.4 | 67.7 | 69.1 | 69.5 | 69.8 | 69.8 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.5 | 71.0 | 71.2 |
| ≥ 4000 | 51.5 | 68.4 | 70.0 | 70.8 | 71.1 | 71.1 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.8 | 72.3 | 72.5 |
| ≥ 3500 | 52.5 | 69.7 | 71.4 | 72.2 | 72.5 | 72.5 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.2 | 73.7 | 73.9 |
| ≥ 3000 | 53.2 | 71.1 | 72.8 | 73.7 | 74.0 | 74.1 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.8 | 75.3 | 75.5 |
| ≥ 2500 | 54.6 | 72.8 | 74.6 | 75.5 | 75.8 | 75.9 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.5 | 76.7 | 77.1 | 77.3 |
| ≥ 2000 | 56.2 | 75.2 | 77.0 | 78.0 | 78.3 | 78.4 | 78.8 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.4 | 79.8 | 80.0 |
| ≥ 1800 | 56.6 | 75.8 | 77.6 | 78.6 | 78.9 | 79.0 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 80.0 | 80.4 | 80.6 |
| ≥ 1500 | 58.3 | 77.4 | 79.4 | 80.3 | 80.8 | 80.9 | 81.3 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.6 | 81.8 | 82.3 | 82.5 |
| ≥ 1200 | 58.5 | 79.4 | 81.4 | 82.4 | 83.1 | 83.2 | 83.7 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 | 84.2 | 84.6 | 84.8 |
| ≥ 1000 | 59.4 | 81.2 | 83.2 | 84.2 | 84.9 | 85.1 | 85.5 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.8 | 86. | 86.5 | 86.7 |
| ≥ 900 | 59.6 | 81.5 | 83.5 | 84.5 | 85.3 | 85.4 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.3 | 86.8 | 87.0 |
| ≥ 800 | 59.9 | 82.5 | 84.5 | 85.7 | 86.5 | 86.6 | 87.1 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.4 | 87.6 | 88.1 | 88.3 |
| ≥ 700 | 60.3 | 83.8 | 86.1 | 87.3 | 88.1 | 88.2 | 88.7 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 89.0 | 89.2 | 89.7 | 89.9 |
| ≥ 600 | 60.3 | 84.5 | 86.9 | 88.7 | 89.6 | 89.7 | 90.2 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.8 | 91.2 | 91.4 |
| ≥ 500 | 61.0 | 85.4 | 87.7 | 89.7 | 9 .6 | 91.0 | 91.5 | 91.5 | 91.6 | 91.7 | 91.7 | 91.8 | 91.9 | 92.2 | 92.6 | 92.8 |
| ≥ 400 | 61.1 | 85.9 | 88.6 | 90.8 | 91.8 | 92.2 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.3 | 93.7 | 93.9 | 94.4 | 94.6 |
| ≥ 300 | 61.1 | 86.0 | 88.7 | 90.9 | 92.2 | 92.5 | 93.5 | 93.7 | 94.0 | 94.1 | 94.2 | 94.3 | 94.7 | 94.9 | 95.5 | 95.9 |
| ≥ 200 | 61.2 | 86.1 | 88.8 | 91.0 | 92.3 | 92.6 | 94.0 | 94.1 | 94.5 | 94.6 | 94.7 | 94.8 | 95.7 | 96. | 96.8 | 97.4 |
| ≥ 100 | 61.2 | 86.1 | 88.8 | 91.0 | 92.5 | 92.8 | 94.2 | 94.3 | 94.8 | 94.9 | 95.3 | 95.4 | 96.7 | 97.2 | 98.3 | 99.7 |
| ≥ 0 | 61.2 | 86.1 | 88.8 | 91.0 | 92.5 | 92.8 | 94.2 | 94.3 | 94.8 | 94.9 | 95.3 | 95.4 | 96.7 | 97.2 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.9 | 53.9 | 54.5 | 54.3 | 54.8 | 54.9 | 55.1 | 55.2 | 55.3 | 55.5 | 55.9 | 56.0 | 56.7 | 56.7 | 56.9 | 57.6 |
| ≥ 20000 | 41.4 | 55.5 | 55.6 | 55.9 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.1 | 57.5 | 57.6 | 58.3 | 58.3 | 58.5 | 59.2 |
| ≥ 18000 | 41.4 | 55.5 | 55.6 | 55.9 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.1 | 57.5 | 57.6 | 58.3 | 58.3 | 58.5 | 59.2 |
| ≥ 16000 | 41.4 | 55.5 | 55.6 | 55.9 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.1 | 57.5 | 57.6 | 58.3 | 58.3 | 58.5 | 59.2 |
| ≥ 14000 | 41.4 | 55.5 | 55.6 | 55.9 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 57.1 | 57.5 | 57.6 | 58.3 | 58.3 | 58.5 | 59.2 |
| ≥ 12000 | 42.2 | 56.9 | 57.0 | 57.3 | 57.8 | 58.0 | 58.1 | 58.2 | 59.3 | 58.5 | 58.9 | 59.0 | 59.7 | 59.7 | 59.9 | 60.6 |
| ≥ 10000 | 43.2 | 58.3 | 58.4 | 58.7 | 59.2 | 59.4 | 59.5 | 59.6 | 59.7 | 59.9 | 60.3 | 60.4 | 61.1 | 61.1 | 61.3 | 62.0 |
| ≥ 9000 | 43.5 | 58.6 | 58.7 | 59.0 | 59.6 | 59.7 | 59.8 | 59.9 | 60.0 | 60.2 | 60.6 | 60.8 | 61.4 | 61.4 | 61.6 | 62.4 |
| ≥ 8000 | 45.5 | 60.5 | 60.6 | 61.0 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.2 | 62.6 | 62.7 | 63.3 | 63.3 | 63.5 | 64.3 |
| ≥ 7000 | 46.9 | 62.4 | 62.5 | 62.8 | 63.3 | 63.4 | 63.5 | 63.7 | 63.8 | 64.0 | 64.4 | 64.5 | 65.2 | 65.2 | 65.4 | 66.1 |
| ≥ 6000 | 47.6 | 63.3 | 63.4 | 63.8 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.9 | 65.4 | 65.5 | 66.1 | 66.1 | 66.3 | 67.1 |
| ≥ 5000 | 48.2 | 64.9 | 65.0 | 65.5 | 66.1 | 66.2 | 66.3 | 66.5 | 66.6 | 66.8 | 67.2 | 67.3 | 68.1 | 68.1 | 68.3 | 69.1 |
| ≥ 4500 | 49.0 | 65.8 | 66.1 | 66.3 | 67.0 | 67.1 | 67.2 | 67.3 | 67.4 | 67.6 | 68.1 | 68.2 | 68.9 | 68.9 | 69.1 | 69.9 |
| ≥ 4000 | 49.1 | 66.6 | 66.8 | 67.2 | 67.8 | 68.0 | 68.1 | 68.2 | 68.3 | 68.5 | 68.9 | 69.0 | 69.8 | 69.8 | 70.0 | 70.8 |
| ≥ 3500 | 49.9 | 67.6 | 67.8 | 68.3 | 68.9 | 69.0 | 69.1 | 69.2 | 69.4 | 69.6 | 70.0 | 70.1 | 70.9 | 70.9 | 71.1 | 71.8 |
| ≥ 3000 | 50.5 | 68.8 | 69.1 | 69.6 | 70.2 | 70.3 | 70.4 | 70.5 | 70.6 | 70.9 | 71.3 | 71.4 | 72.2 | 72.2 | 72.4 | 73.1 |
| ≥ 2500 | 51.7 | 70.2 | 70.5 | 71.3 | 71.9 | 72.0 | 72.2 | 72.3 | 72.5 | 72.7 | 73.1 | 73.2 | 74.0 | 74.0 | 74.2 | 74.9 |
| ≥ 2000 | 53.0 | 71.7 | 72.3 | 72.8 | 73.4 | 73.5 | 73.7 | 73.8 | 74.0 | 74.2 | 74.6 | 74.7 | 75.5 | 75.5 | 75.7 | 76.5 |
| ≥ 1800 | 54.0 | 73.0 | 73.5 | 74.1 | 74.7 | 74.8 | 74.9 | 75.1 | 75.3 | 75.5 | 75.9 | 76.0 | 76.8 | 76.8 | 77.0 | 77.7 |
| ≥ 1500 | 55.2 | 75.1 | 75.7 | 76.2 | 76.9 | 77.0 | 77.1 | 77.2 | 77.4 | 77.6 | 78.1 | 78.2 | 78.9 | 78.9 | 79.1 | 79.9 |
| ≥ 1200 | 55.7 | 76.8 | 77.4 | 78.0 | 78.9 | 79.0 | 79.2 | 79.4 | 79.6 | 79.8 | 80.2 | 80.3 | 81.1 | 81.1 | 81.3 | 82.0 |
| ≥ 1000 | 55.9 | 77.6 | 78.5 | 79.0 | 80.0 | 80.1 | 80.3 | 80.4 | 80.6 | 80.9 | 81.3 | 81.4 | 82.2 | 82.2 | 82.4 | 83.1 |
| ≥ 900 | 56.6 | 78.5 | 79.6 | 80.2 | 81.2 | 81.3 | 81.5 | 81.6 | 81.8 | 82.0 | 82.5 | 82.6 | 83.3 | 83.3 | 83.5 | 84.3 |
| ≥ 800 | 56.9 | 79.4 | 80.5 | 81.2 | 82.3 | 82.5 | 82.7 | 82.8 | 83.0 | 83.2 | 83.7 | 83.8 | 84.5 | 84.5 | 84.7 | 85.5 |
| ≥ 700 | 57.1 | 80.2 | 81.5 | 82.3 | 83.5 | 83.8 | 84.0 | 84.1 | 84.3 | 84.5 | 84.9 | 85.1 | 85.8 | 85.8 | 86.0 | 86.8 |
| ≥ 600 | 57.3 | 81.4 | 82.7 | 83.4 | 84.8 | 85.1 | 85.4 | 85.5 | 85.7 | 85.9 | 86.3 | 86.5 | 87.2 | 87.2 | 87.4 | 88.2 |
| ≥ 500 | 57.3 | 81.8 | 83.7 | 84.4 | 85.9 | 86.2 | 86.9 | 87.0 | 87.2 | 87.5 | 88.0 | 88.1 | 88.8 | 88.9 | 89.0 | 89.8 |
| ≥ 400 | 57.6 | 82.6 | 84.4 | 85.2 | 86.9 | 87.6 | 88.4 | 88.7 | 88.9 | 89.5 | 90.1 | 90.2 | 91.0 | 91.0 | 91.2 | 91.9 |
| ≥ 300 | 57.6 | 82.6 | 84.4 | 85.3 | 87.4 | 88.2 | 89.0 | 89.4 | 89.7 | 90.3 | 91.0 | 91.1 | 91.8 | 91.8 | 92.0 | 92.9 |
| ≥ 200 | 57.6 | 82.6 | 84.5 | 85.4 | 87.7 | 88.5 | 89.5 | 90.1 | 90.8 | 91.4 | 92.3 | 92.4 | 93.3 | 93.5 | 94.1 | 95.3 |
| ≥ 100 | 57.6 | 82.8 | 84.7 | 85.7 | 88.1 | 88.9 | 90.0 | 90.8 | 91.4 | 92.3 | 93.4 | 93.7 | 94.9 | 95.2 | 96.0 | 98.5 |
| ≥ 0 | 57.6 | 82.8 | 84.7 | 85.7 | 88.1 | 88.9 | 90.0 | 90.8 | 91.4 | 92.3 | 93.4 | 93.7 | 95.1 | 95.4 | 96.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03940 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.7 | 48.2 | 48.9 | 49.5 | 49.7 | 49.8 | 49.8 | 50.1 | 50.1 | 50.3 | 50.4 | 50.4 | 50.6 | 50.8 | 51.6 | 52.0 |
| ≥ 20000 | 34.1 | 52.6 | 53.3 | 54.0 | 54.2 | 54.3 | 54.3 | 54.6 | 54.6 | 54.8 | 54.9 | 54.9 | 55.2 | 55.3 | 56.2 | 56.7 |
| ≥ 18000 | 34.0 | 52.8 | 53.5 | 54.2 | 54.4 | 54.5 | 54.5 | 54.8 | 54.8 | 55.1 | 55.2 | 55.2 | 55.4 | 55.5 | 56.5 | 56.9 |
| ≥ 16000 | 34.1 | 52.8 | 53.5 | 54.2 | 54.4 | 54.5 | 54.5 | 54.8 | 54.8 | 55.1 | 55.2 | 55.2 | 55.4 | 55.5 | 56.5 | 56.9 |
| ≥ 14000 | 34.0 | 52.9 | 53.7 | 54.3 | 54.5 | 54.6 | 54.6 | 54.9 | 54.9 | 55.2 | 55.3 | 55.3 | 55.5 | 55.6 | 56.6 | 57.0 |
| ≥ 12000 | 34.3 | 54.0 | 54.7 | 55.4 | 55.6 | 55.7 | 55.7 | 56.0 | 56.0 | 56.2 | 56.3 | 56.3 | 56.6 | 56.7 | 57.6 | 58.1 |
| ≥ 10000 | 35.9 | 56.1 | 57.1 | 57.7 | 58.0 | 58.1 | 58.1 | 58.4 | 58.4 | 58.6 | 58.7 | 58.7 | 58.9 | 59.1 | 60.0 | 60.4 |
| ≥ 9000 | 36.7 | 57.0 | 58.0 | 58.6 | 58.8 | 58.9 | 58.9 | 59.2 | 59.2 | 59.5 | 59.6 | 59.6 | 59.8 | 59.9 | 60.9 | 61.3 |
| ≥ 8000 | 37.8 | 59.4 | 60.3 | 61.0 | 61.2 | 61.3 | 61.4 | 61.7 | 61.7 | 61.9 | 62.0 | 62.0 | 62.3 | 62.5 | 63.4 | 63.9 |
| ≥ 7000 | 38.4 | 60.3 | 61.3 | 61.9 | 62.2 | 62.3 | 62.4 | 62.7 | 62.7 | 62.9 | 63.0 | 63.0 | 63.2 | 63.4 | 64.6 | 65.1 |
| ≥ 6000 | 39.2 | 61.4 | 62.4 | 63.0 | 63.2 | 63.3 | 63.4 | 63.8 | 63.8 | 64.0 | 64.1 | 64.1 | 64.3 | 64.5 | 65.7 | 66.1 |
| ≥ 5000 | 39.9 | 63.1 | 64.1 | 64.6 | 64.8 | 64.9 | 65.1 | 65.4 | 65.4 | 65.6 | 65.7 | 65.7 | 65.9 | 66.1 | 67.4 | 68.0 |
| ≥ 4500 | 40.9 | 64.3 | 65.3 | 66.0 | 66.2 | 66.3 | 66.5 | 66.8 | 66.8 | 67.0 | 67.1 | 67.1 | 67.3 | 67.6 | 68.9 | 69.7 |
| ≥ 4000 | 41.0 | 64.6 | 65.7 | 66.5 | 66.7 | 66.8 | 67.0 | 67.3 | 67.3 | 67.5 | 67.7 | 67.7 | 68.0 | 68.3 | 69.6 | 70.3 |
| ≥ 3500 | 41.1 | 65.4 | 66.5 | 67.2 | 67.4 | 67.5 | 67.7 | 68.1 | 68.1 | 68.3 | 68.5 | 68.5 | 68.7 | 69.0 | 70.3 | 71.1 |
| ≥ 3000 | 42.0 | 67.1 | 68.2 | 69.0 | 69.4 | 69.5 | 69.7 | 70.0 | 70.0 | 70.2 | 70.4 | 70.4 | 70.6 | 71.0 | 72.3 | 73.0 |
| ≥ 2500 | 42.5 | 68.2 | 69.2 | 70.1 | 70.4 | 70.5 | 70.8 | 71.1 | 71.1 | 71.5 | 71.7 | 71.7 | 71.9 | 72.3 | 73.5 | 74.3 |
| ≥ 2000 | 42.7 | 68.9 | 70.0 | 70.9 | 71.2 | 71.3 | 71.5 | 71.8 | 71.8 | 72.3 | 72.5 | 72.5 | 72.7 | 73.0 | 74.3 | 75.1 |
| ≥ 1800 | 43.2 | 70.0 | 71.2 | 72.0 | 72.4 | 72.5 | 72.7 | 73.0 | 73.0 | 73.4 | 73.7 | 73.7 | 73.9 | 74.2 | 75.5 | 76.2 |
| ≥ 1500 | 44.3 | 71.9 | 73.1 | 74.0 | 74.4 | 74.5 | 74.7 | 75.1 | 75.1 | 75.6 | 75.8 | 75.8 | 76.0 | 76.3 | 77.6 | 78.4 |
| ≥ 1200 | 44.9 | 73.4 | 74.7 | 75.6 | 76.0 | 76.1 | 76.3 | 76.7 | 76.7 | 77.2 | 77.5 | 77.5 | 77.7 | 78.1 | 79.4 | 80.3 |
| ≥ 1000 | 45.6 | 75.2 | 76.6 | 77.7 | 78.2 | 78.3 | 78.6 | 78.9 | 78.9 | 79.5 | 79.8 | 79.8 | 80.0 | 80.3 | 81.6 | 82.6 |
| ≥ 900 | 45.8 | 76.0 | 77.7 | 78.8 | 79.2 | 79.4 | 79.7 | 80.1 | 80.1 | 80.6 | 81.0 | 81.0 | 81.2 | 81.5 | 82.8 | 83.6 |
| ≥ 800 | 46.1 | 76.7 | 78.5 | 79.8 | 80.2 | 80.3 | 80.6 | 81.1 | 81.1 | 81.6 | 81.9 | 81.9 | 82.2 | 82.5 | 83.8 | 84.7 |
| ≥ 700 | 46.5 | 77.5 | 79.5 | 81.3 | 81.9 | 82.0 | 82.4 | 82.8 | 82.8 | 83.3 | 83.8 | 83.8 | 84.1 | 84.4 | 85.7 | 86.7 |
| ≥ 600 | 46.5 | 78.2 | 80.2 | 82.3 | 83.0 | 83.2 | 83.5 | 84.0 | 84.1 | 84.6 | 85.1 | 85.1 | 85.4 | 85.7 | 87.0 | 88.0 |
| ≥ 500 | 46.6 | 78.5 | 80.8 | 82.8 | 83.9 | 84.2 | 84.9 | 85.4 | 85.5 | 86.2 | 86.7 | 86.7 | 87.1 | 87.4 | 88.7 | 90.0 |
| ≥ 400 | 46.9 | 79.1 | 81.5 | 83.8 | 85.3 | 85.8 | 86.7 | 87.4 | 87.6 | 88.7 | 89.1 | 89.1 | 89.6 | 89.9 | 91.2 | 92.5 |
| ≥ 300 | 46.9 | 79.1 | 81.5 | 83.9 | 85.6 | 86.1 | 87.4 | 88.5 | 88.9 | 90.2 | 90.8 | 90.8 | 91.2 | 91.5 | 93.0 | 94.4 |
| ≥ 200 | 46.9 | 79.2 | 81.6 | 84.0 | 85.8 | 86.3 | 87.7 | 89.1 | 89.9 | 91.2 | 91.9 | 91.9 | 92.5 | 92.9 | 94.4 | 95.9 |
| ≥ 100 | 46.9 | 79.2 | 81.6 | 84.0 | 85.8 | 86.3 | 87.7 | 89.1 | 89.9 | 91.3 | 92.3 | 92.3 | 93.3 | 94.0 | 95.9 | 98.2 |
| ≥ 0 | 46.9 | 79.2 | 81.6 | 84.0 | 85.8 | 86.3 | 87.7 | 89.1 | 89.9 | 91.3 | 92.3 | 92.3 | 93.3 | 94.1 | 96.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 34.0 | 50.8 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 |
| ≥ 20000 | 36.6 | 54.9 | 55.7 | 56.1 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 |
| ≥ 18000 | 36.7 | 55.4 | 56.1 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 16000 | 36.7 | 55.4 | 56.1 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 14000 | 36.9 | 55.9 | 56.7 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 |
| ≥ 12000 | 37.2 | 57.4 | 58.3 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.7 |
| ≥ 10000 | 38.6 | 59.9 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.2 |
| ≥ 9000 | 39.2 | 61.3 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 |
| ≥ 8000 | 40.2 | 64.0 | 64.8 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 |
| ≥ 7000 | 41.5 | 66.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 |
| ≥ 6000 | 41.6 | 66.7 | 67.6 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.3 |
| ≥ 5000 | 42.3 | 67.8 | 68.8 | 69.1 | 69.2 | 69.2 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.7 |
| ≥ 4500 | 42.6 | 68.2 | 69.1 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 |
| ≥ 4000 | 42.8 | 69.6 | 70.6 | 71.2 | 71.3 | 71.3 | 71.5 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 |
| ≥ 3500 | 43.4 | 70.6 | 71.7 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 73.0 |
| ≥ 3000 | 43.8 | 72.0 | 73.3 | 73.9 | 74.0 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.6 |
| ≥ 2500 | 44.1 | 73.0 | 74.3 | 74.8 | 75.1 | 75.1 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.8 |
| ≥ 2000 | 45.3 | 76.2 | 77.6 | 78.2 | 78.4 | 78.4 | 78.7 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.1 |
| ≥ 1800 | 45.7 | 77.0 | 78.4 | 78.9 | 79.1 | 79.1 | 79.5 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.9 |
| ≥ 1500 | 47.3 | 80.4 | 81.9 | 82.5 | 82.7 | 82.7 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.5 |
| ≥ 1200 | 48.0 | 81.7 | 83.4 | 84.2 | 84.5 | 84.5 | 84.9 | 84.9 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.5 |
| ≥ 1000 | 48.2 | 82.4 | 84.2 | 85.1 | 85.6 | 85.6 | 86.1 | 86.1 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 |
| ≥ 900 | 48.3 | 83.2 | 85.3 | 86.3 | 86.9 | 87.0 | 87.7 | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.4 |
| ≥ 800 | 48.4 | 84.1 | 86.3 | 87.4 | 88.0 | 88.1 | 88.8 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 | 89.5 |
| ≥ 700 | 48.6 | 84.7 | 87.1 | 88.3 | 88.8 | 89.0 | 90.0 | 90.2 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.8 |
| ≥ 600 | 48.7 | 85.4 | 87.8 | 89.0 | 89.6 | 89.8 | 90.9 | 91.1 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.7 |
| ≥ 500 | 48.7 | 85.5 | 88.3 | 89.7 | 90.3 | 90.6 | 91.7 | 92.2 | 92.4 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.9 |
| ≥ 400 | 48.8 | 85.9 | 89.1 | 90.5 | 91.7 | 92.2 | 93.3 | 93.9 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.8 |
| ≥ 300 | 48.8 | 86.0 | 89.4 | 90.9 | 92.5 | 92.9 | 94.4 | 95.2 | 95.5 | 95.9 | 96.3 | 96.3 | 96.3 | 96.3 | 96.5 | 96.6 |
| ≥ 200 | 48.9 | 86.3 | 89.4 | 90.9 | 92.8 | 93.2 | 94.8 | 95.8 | 96.6 | 97.1 | 97.7 | 97.8 | 98.2 | 98.4 | 98.7 | 98.8 |
| ≥ 100 | 48.9 | 86.0 | 89.4 | 90.9 | 92.8 | 93.2 | 94.8 | 95.8 | 96.7 | 97.3 | 98.0 | 98.1 | 98.5 | 98.8 | 99.2 | 99.5 |
| ≥ 0 | 48.8 | 86.0 | 89.4 | 90.9 | 92.8 | 93.2 | 94.8 | 95.8 | 96.7 | 97.3 | 98.0 | 98.1 | 98.5 | 98.9 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3350 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 40.9 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 |
| ≥ 20000 | 42.9 | 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 |
| ≥ 18000 | 42.9 | 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 |
| ≥ 16000 | 42.9 | 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 |
| ≥ 14000 | 43.5 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 12000 | 44.7 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 10000 | 48.0 | 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 |
| ≥ 9000 | 48.3 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 8000 | 49.7 | 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 |
| ≥ 7000 | 51.1 | 72.6 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 6000 | 51.5 | 73.1 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 5000 | 51.7 | 73.5 | 73.7 | 73.8 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 4500 | 51.7 | 73.6 | 73.8 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 52.3 | 75.1 | 75.3 | 75.6 | 75.8 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3500 | 53.7 | 76.9 | 77.1 | 77.3 | 77.5 | 77.7 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 3000 | 54.3 | 78.8 | 79.3 | 79.8 | 80.0 | 80.2 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 2500 | 55.4 | 81.3 | 82.0 | 82.5 | 82.7 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 2000 | 56.3 | 83.3 | 84.1 | 84.8 | 85.4 | 85.8 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 1800 | 56.9 | 84.4 | 85.1 | 86.0 | 86.5 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | 58.1 | 86.8 | 87.6 | 88.5 | 89.0 | 89.5 | 89.7 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1200 | 58.2 | 87.8 | 88.8 | 89.8 | 90.4 | 90.9 | 91.1 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1000 | 58.2 | 88.4 | 89.6 | 90.5 | 91.3 | 91.7 | 92.0 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 900 | 58.2 | 88.9 | 90.3 | 91.3 | 92.0 | 92.5 | 92.8 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 58.3 | 89.3 | 90.7 | 91.8 | 92.6 | 93.0 | 93.3 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 700 | 58.3 | 89.3 | 90.9 | 92.0 | 92.8 | 93.3 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 600 | 58.4 | 90.2 | 91.8 | 93.1 | 94.0 | 94.5 | 94.9 | 95.0 | 95.2 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 500 | 58.4 | 90.9 | 92.7 | 94.2 | 95.3 | 95.8 | 96.3 | 96.4 | 96.6 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 58.4 | 91.0 | 92.8 | 94.3 | 95.5 | 96.0 | 96.6 | 97.0 | 97.1 | 97.2 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 300 | 58.4 | 91.2 | 93.0 | 94.5 | 95.7 | 96.3 | 97.0 | 97.6 | 97.8 | 98.1 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 200 | 58.4 | 91.3 | 93.1 | 94.6 | 96.0 | 96.7 | 97.4 | 98.2 | 98.4 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 58.4 | 91.3 | 93.1 | 94.6 | 96.0 | 96.7 | 97.4 | 98.2 | 98.6 | 99.2 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 58.4 | 91.3 | 93.1 | 94.6 | 96.0 | 96.7 | 97.4 | 98.2 | 98.6 | 99.2 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 929

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

3854 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 41.6 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 20000 | 44.8 | 62.8 | 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 |
| ≥ 18000 | 44.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 |
| ≥ 16000 | 44.9 | 62.8 | 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 |
| ≥ 14000 | 45.4 | 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 |
| ≥ 12000 | 46.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 10000 | 48.3 | 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 |
| ≥ 9000 | 48.4 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 8000 | 50.5 | 73.3 | 73.5 | 73.5 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 7000 | 51.2 | 74.5 | 74.7 | 74.7 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 6000 | 51.5 | 75.5 | 75.7 | 75.7 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 5000 | 52.7 | 77.0 | 77.2 | 77.2 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 4500 | 53.3 | 78.3 | 78.5 | 78.5 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 54.2 | 80.6 | 81.0 | 81.0 | 81.1 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 3500 | 55.2 | 81.9 | 82.3 | 82.3 | 82.5 | 82.9 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 3000 | 55.5 | 82.8 | 83.3 | 83.4 | 83.8 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 2500 | 56.3 | 84.5 | 85.1 | 85.2 | 85.6 | 86.1 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 2000 | 57.2 | 86.8 | 87.3 | 87.5 | 88.0 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1800 | 57.4 | 87.7 | 88.3 | 88.5 | 88.9 | 89.5 | 89.7 | 89.7 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1500 | 58.0 | 88.9 | 89.5 | 89.7 | 90.1 | 90.6 | 90.9 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1200 | 58.1 | 89.8 | 90.4 | 90.6 | 91.2 | 91.7 | 91.9 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1000 | 58.1 | 90.1 | 90.8 | 91.1 | 91.6 | 92.2 | 92.4 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | 58.4 | 91.0 | 91.6 | 91.9 | 92.5 | 93.0 | 93.2 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 58.4 | 91.3 | 92.3 | 92.6 | 93.1 | 93.7 | 93.9 | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 700 | 58.4 | 91.6 | 92.7 | 93.2 | 93.8 | 94.3 | 94.5 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 600 | 58.4 | 92.0 | 93.2 | 94.1 | 94.6 | 95.2 | 95.4 | 95.4 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 500 | 58.4 | 92.0 | 93.7 | 94.8 | 95.6 | 96.1 | 96.6 | 96.6 | 96.8 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 58.4 | 92.3 | 93.9 | 95.1 | 96.0 | 96.6 | 97.1 | 97.2 | 97.4 | 97.5 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 300 | 58.4 | 92.4 | 94.0 | 95.3 | 96.3 | 97.1 | 97.6 | 98.0 | 98.4 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 58.4 | 92.4 | 94.0 | 95.3 | 96.3 | 97.1 | 97.6 | 98.0 | 98.5 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 58.4 | 92.4 | 94. | 95.3 | 96.5 | 97.2 | 97.7 | 98.1 | 98.7 | 98.8 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 58.4 | 92.4 | 94. | 95.3 | 96.5 | 97.2 | 97.7 | 98.1 | 98.7 | 98.8 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

7850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS (L ST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 47.9 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 20000 | 51.4 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 |
| ≥ 18000 | 51.4 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 |
| ≥ 16000 | 51.4 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 |
| ≥ 14000 | 51.9 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 |
| ≥ 12000 | 52.7 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 |
| ≥ 10000 | 54.4 | 69.5 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 |
| ≥ 9000 | 54.4 | 69.5 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.9 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 |
| ≥ 8000 | 55.8 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.9 | 71.9 | 71.9 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 |
| ≥ 7000 | 56.5 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 73.0 | 73.0 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 |
| ≥ 6000 | 57.5 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.7 | 74.7 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 |
| ≥ 5000 | 58.1 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.6 | 76.6 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 |
| ≥ 4500 | 58.9 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 |
| ≥ 4000 | 59.1 | 79.0 | 79.2 | 79.4 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 3500 | 59.4 | 80.7 | 80.8 | 81.0 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.6 | 81.6 |
| ≥ 3000 | 59.9 | 81.9 | 82.1 | 82.4 | 82.4 | 82.4 | 82.6 | 82.6 | 82.6 | 82.7 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 |
| ≥ 2500 | 60.8 | 83.4 | 83.6 | 83.9 | 83.9 | 83.9 | 84.1 | 84.1 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.6 | 84.6 |
| ≥ 2000 | 61.4 | 85.3 | 85.6 | 86.1 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.4 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 |
| ≥ 1800 | 61.9 | 86.1 | 86.4 | 86.8 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.1 | 87.3 | 87.4 | 87.4 | 87.4 | 87.5 | 87.5 |
| ≥ 1500 | 62.7 | 87.9 | 88.2 | 88.8 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 |
| ≥ 1200 | 63.3 | 89.1 | 89.4 | 90.1 | 90.1 | 90.1 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 |
| ≥ 1000 | 63.3 | 89.8 | 90.3 | 91.0 | 91.0 | 91.0 | 91.3 | 91.4 | 91.4 | 91.5 | 91.6 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 |
| ≥ 900 | 63.8 | 90.9 | 91.4 | 92.2 | 92.2 | 92.2 | 92.4 | 92.5 | 92.5 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 |
| ≥ 800 | 63.8 | 91.3 | 91.9 | 92.8 | 92.8 | 92.8 | 93.0 | 93.1 | 93.1 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 700 | 64.1 | 92.0 | 92.9 | 93.7 | 93.7 | 93.8 | 94.1 | 94.2 | 94.2 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 |
| ≥ 600 | 64.1 | 93.0 | 94.3 | 95.1 | 95.1 | 95.2 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 500 | 64.3 | 93.5 | 94.8 | 95.9 | 95.9 | 96.0 | 96.2 | 96.3 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 400 | 64.3 | 93.6 | 95.0 | 96.5 | 96.5 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 300 | 64.5 | 94.3 | 95.9 | 97.4 | 97.5 | 97.7 | 98.3 | 98.5 | 98.7 | 98.8 | 98.9 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 200 | 64.5 | 94.3 | 95.9 | 97.4 | 97.5 | 97.7 | 98.3 | 98.5 | 98.7 | 98.8 | 99.0 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 100 | 64.5 | 94.3 | 95.9 | 97.4 | 97.5 | 97.7 | 98.3 | 98.5 | 98.7 | 98.8 | 99.1 | 99.2 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 0 | 64.5 | 94.3 | 95.9 | 97.4 | 97.5 | 97.7 | 98.3 | 98.5 | 98.7 | 98.8 | 99.2 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 926

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[3]55. (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 49.6 | 61.1 | 61.7 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 |
| ≥ 20000 | 51.8 | 63.9 | 64.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 |
| ≥ 18000 | 51.8 | 63.9 | 64.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 |
| ≥ 16000 | 51.8 | 63.9 | 64.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 |
| ≥ 14000 | 51.9 | 64.0 | 64.6 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 |
| ≥ 12000 | 52.4 | 64.6 | 65.3 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 |
| ≥ 10000 | 53.3 | 66.5 | 67.1 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.9 | 67.9 |
| ≥ 9000 | 53.4 | 66.6 | 67.2 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.0 |
| ≥ 8000 | 55.0 | 69.3 | 70.0 | 70.4 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.2 | 71.4 |
| ≥ 7000 | 55.3 | 70.0 | 70.8 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 72.0 | 72.2 |
| ≥ 6000 | 55.9 | 71.2 | 72.0 | 72.5 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.2 | 73.5 |
| ≥ 5000 | 56.2 | 72.6 | 73.4 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.6 | 74.9 |
| ≥ 4500 | 57.0 | 73.6 | 74.3 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.6 | 75.8 |
| ≥ 4000 | 57.2 | 75.2 | 75.9 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.2 | 77.5 |
| ≥ 3500 | 57.7 | 76.2 | 76.9 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.2 | 78.4 |
| ≥ 3000 | 58.7 | 77.2 | 78.0 | 78.5 | 78.7 | 78.7 | 78.7 | 78.7 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.3 | 79.5 |
| ≥ 2500 | 61.2 | 81.1 | 82.1 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.4 | 83.6 |
| ≥ 2000 | 62.2 | 83.1 | 84.1 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.5 | 85.8 |
| ≥ 1800 | 62.4 | 83.5 | 84.6 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 86.0 | 86.2 |
| ≥ 1500 | 63.5 | 85.0 | 86.1 | 86.6 | 86.9 | 86.9 | 86.9 | 86.9 | 87.1 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.5 | 87.7 |
| ≥ 1200 | 64.4 | 86.9 | 88.1 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.2 | 89.3 | 89.4 | 89.4 | 89.4 | 89.4 | 89.6 | 89.9 |
| ≥ 1000 | 64.7 | 88.7 | 89.9 | 90.4 | 90.7 | 90.8 | 90.8 | 90.8 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.8 |
| ≥ 900 | 65.2 | 89.4 | 90.6 | 91.2 | 91.5 | 91.6 | 91.6 | 91.6 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.3 | 92.6 |
| ≥ 800 | 65.4 | 90.2 | 91.3 | 91.9 | 92.3 | 92.4 | 92.4 | 92.4 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.1 | 93.3 | 93.5 |
| ≥ 700 | 65.9 | 90.7 | 92.1 | 92.8 | 93.2 | 93.3 | 93.3 | 93.3 | 93.6 | 93.7 | 93.9 | 93.9 | 93.9 | 94.0 | 94.2 | 94.4 |
| ≥ 600 | 66.1 | 91.3 | 92.9 | 93.7 | 94.2 | 94.4 | 94.4 | 94.4 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.3 | 95.5 |
| ≥ 500 | 66.1 | 91.8 | 93.4 | 94.3 | 94.7 | 94.9 | 95.0 | 95.0 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.9 | 96.1 |
| ≥ 400 | 66.1 | 92.0 | 94.0 | 94.9 | 95.5 | 95.7 | 95.8 | 95.9 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.5 | 96.8 | 97.0 |
| ≥ 300 | 66.1 | 92.1 | 94.1 | 95.3 | 95.9 | 96.1 | 96.2 | 96.4 | 97.0 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 | 98.0 | 98.3 |
| ≥ 200 | 66.1 | 92.2 | 94.2 | 95.4 | 96.0 | 96.2 | 96.4 | 96.5 | 97.4 | 97.6 | 98.0 | 98.0 | 98.1 | 98.2 | 98.5 | 98.8 |
| ≥ 100 | 66.1 | 92.2 | 94.2 | 95.4 | 96.0 | 96.2 | 96.5 | 97.0 | 97.5 | 97.7 | 98.2 | 98.4 | 98.6 | 98.7 | 99.0 | 99.6 |
| ≥ 0 | 66.1 | 92.2 | 94.2 | 95.4 | 96.0 | 96.2 | 96.5 | 97.0 | 97.5 | 97.7 | 98.4 | 98.4 | 98.6 | 98.8 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 927

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 41.3 | 54.7 | 55.1 | 55.3 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.8 | 55.8 | 55.9 | 55.9 | 56.1 | 56.3 |
| ≥ 20000 | 43.5 | 58.8 | 59.2 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 60.0 | 60.1 | 60.3 | 60.5 |
| ≥ 18000 | 43.5 | 59.9 | 59.3 | 59.5 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 | 60.4 | 60.6 |
| ≥ 16000 | 43.5 | 58.9 | 59.3 | 59.5 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 | 60.4 | 60.6 |
| ≥ 14000 | 43.8 | 59.3 | 59.7 | 59.9 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 60.5 | 60.6 | 60.8 | 61.0 |
| ≥ 12000 | 44.5 | 60.8 | 61.2 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 62.1 | 62.1 | 62.3 | 62.5 |
| ≥ 10000 | 46.1 | 63.3 | 63.8 | 64.0 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.4 | 64.5 | 64.5 | 64.6 | 64.7 | 64.9 | 65.1 |
| ≥ 9000 | 46.4 | 63.8 | 64.2 | 64.5 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.4 | 65.6 |
| ≥ 8000 | 47.8 | 66.5 | 66.9 | 67.2 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 | 68.2 | 68.4 |
| ≥ 7000 | 48.8 | 67.9 | 68.4 | 68.6 | 68.8 | 68.9 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | 69.3 | 69.4 | 69.5 | 69.7 | 70.0 |
| ≥ 6000 | 49.4 | 69.0 | 69.5 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 70.9 | 71.1 |
| ≥ 5000 | 50.0 | 70.3 | 70.8 | 71.2 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.7 | 71.8 | 71.8 | 72.0 | 72.0 | 72.3 | 72.6 |
| ≥ 4500 | 50.6 | 71.1 | 71.7 | 72.0 | 72.2 | 72.3 | 72.4 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 | 72.9 | 72.9 | 73.2 | 73.5 |
| ≥ 4000 | 50.9 | 72.4 | 73.1 | 73.5 | 73.7 | 73.8 | 74.0 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.4 | 74.5 | 74.8 | 75.1 |
| ≥ 3500 | 51.6 | 73.6 | 74.3 | 74.7 | 75.0 | 75.1 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.6 | 75.7 | 75.8 | 76.1 | 76.4 |
| ≥ 3000 | 52.2 | 75.0 | 75.8 | 76.3 | 76.5 | 76.7 | 76.8 | 76.9 | 77.0 | 77.1 | 77.2 | 77.2 | 77.3 | 77.4 | 77.7 | 78.0 |
| ≥ 2500 | 53.3 | 76.8 | 77.7 | 78.2 | 78.5 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 | 79.2 | 79.2 | 79.4 | 79.4 | 79.7 | 80.0 |
| ≥ 2000 | 54.3 | 78.8 | 79.7 | 8 .4 | 8 .7 | 80.9 | 81.1 | 81.1 | 81.2 | 81.4 | 81.5 | 81.5 | 81.6 | 81.7 | 82.0 | 82.3 |
| ≥ 1800 | 54.7 | 79.7 | 80.6 | 81.3 | 81.6 | 81.8 | 82.0 | 82.0 | 82.1 | 82.3 | 82.4 | 82.4 | 82.5 | 82.6 | 82.9 | 83.2 |
| ≥ 1500 | 55.9 | 81.7 | 82.7 | 83.3 | 83.7 | 83.9 | 84.1 | 84.1 | 84.3 | 84.4 | 84.5 | 84.6 | 84.7 | 84.8 | 85.1 | 85.3 |
| ≥ 1200 | 56.3 | 83.1 | 84.2 | 84.9 | 85.4 | 85.6 | 85.8 | 85.9 | 86.0 | 86.2 | 86.3 | 86.3 | 86.5 | 86.5 | 86.8 | 87.1 |
| ≥ 1000 | 56.7 | 84.2 | 85.4 | 86.1 | 86.7 | 86.8 | 87.1 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 87.9 | 88.2 | 88.5 |
| ≥ 900 | 57.0 | 84.9 | 86.2 | 87.1 | 87.6 | 87.8 | 88.1 | 88.2 | 88.3 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 89.2 | 89.5 |
| ≥ 800 | 57.1 | 85.5 | 87.0 | 87.9 | 88.5 | 88.7 | 89.0 | 89.1 | 89.2 | 89.4 | 89.5 | 89.6 | 89.7 | 89.8 | 90.1 | 90.4 |
| ≥ 700 | 57.4 | 86.2 | 87.8 | 88.9 | 89.5 | 89.7 | 90.1 | 90.2 | 90.4 | 90.5 | 90.7 | 90.7 | 90.8 | 90.9 | 91.2 | 91.5 |
| ≥ 600 | 57.5 | 87.0 | 88.7 | 89.9 | 90.6 | 90.9 | 91.3 | 91.4 | 91.6 | 91.7 | 91.9 | 92.0 | 92.1 | 92.2 | 92.5 | 92.8 |
| ≥ 500 | 57.6 | 87.4 | 89.4 | 90.7 | 91.5 | 91.9 | 92.4 | 92.5 | 92.7 | 92.9 | 93.2 | 93.2 | 93.4 | 93.4 | 93.7 | 94.1 |
| ≥ 400 | 57.7 | 87.8 | 89.9 | 91.4 | 92.4 | 92.8 | 93.4 | 93.8 | 94.0 | 94.3 | 94.6 | 94.6 | 94.8 | 94.9 | 95.2 | 95.5 |
| ≥ 300 | 57.7 | 88.3 | 90.1 | 91.7 | 92.9 | 93.4 | 94.2 | 94.6 | 95.0 | 95.4 | 95.8 | 95.8 | 96.1 | 96.2 | 96.5 | 96.9 |
| ≥ 200 | 57.7 | 88.3 | 90.2 | 91.7 | 93.1 | 93.5 | 94.5 | 95.1 | 95.6 | 96.0 | 96.5 | 96.6 | 97.0 | 97.1 | 97.6 | 98.0 |
| ≥ 100 | 57.7 | 88.3 | 90.2 | 91.8 | 93.1 | 93.6 | 94.6 | 95.2 | 95.8 | 96.3 | 97.0 | 97.1 | 97.6 | 97.9 | 98.5 | 99.3 |
| ≥ 0 | 57.7 | 88.0 | 90.2 | 91.8 | 93.1 | 93.6 | 94.6 | 95.2 | 95.8 | 96.3 | 97.0 | 97.1 | 97.7 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7432

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS) ALL (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 31.9 | 54.8 | 56.3 | 57.1 | 57.7 | 57.9 | 58.1 | 58.3 | 58.4 | 58.5 | 58.5 | 58.5 | 58.7 | 58.7 | 58.8 | 59.0 |
| ≥ 20000 | 34.8 | 62.3 | 64.0 | 65.0 | 65.7 | 65.9 | 66.1 | 66.3 | 66.4 | 66.5 | 66.6 | 66.6 | 66.7 | 66.8 | 66.9 | 67.1 |
| ≥ 18000 | 34.8 | 62.4 | 64.1 | 65.0 | 65.8 | 66.0 | 66.2 | 66.4 | 66.5 | 66.6 | 66.7 | 66.7 | 66.8 | 66.9 | 67.0 | 67.2 |
| ≥ 16000 | 34.8 | 62.4 | 64.1 | 65.1 | 65.8 | 66.0 | 66.2 | 66.4 | 66.5 | 66.6 | 66.7 | 66.7 | 66.8 | 66.9 | 67.0 | 67.2 |
| ≥ 14000 | 35.0 | 62.9 | 64.5 | 65.5 | 66.2 | 66.4 | 66.7 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.3 | 67.3 | 67.5 | 67.6 |
| ≥ 12000 | 35.6 | 64.1 | 65.8 | 66.6 | 67.6 | 67.8 | 68.0 | 68.2 | 68.3 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 | 68.8 | 69.0 |
| ≥ 10000 | 37.1 | 67.4 | 69.3 | 70.3 | 71.1 | 71.3 | 71.6 | 71.8 | 71.9 | 72.0 | 72.1 | 72.1 | 72.2 | 72.3 | 72.4 | 72.6 |
| ≥ 9000 | 37.3 | 67.9 | 69.7 | 70.8 | 71.6 | 71.8 | 72.1 | 72.3 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.8 | 72.9 | 73.1 |
| ≥ 8000 | 38.3 | 70.3 | 72.3 | 73.4 | 74.2 | 74.5 | 74.8 | 75.0 | 75.1 | 75.2 | 75.3 | 75.3 | 75.5 | 75.5 | 75.7 | 75.9 |
| ≥ 7000 | 38.8 | 71.2 | 73.2 | 74.3 | 75.1 | 75.4 | 75.7 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 | 76.4 | 76.4 | 76.6 | 76.8 |
| ≥ 6000 | 39.3 | 72.2 | 74.3 | 75.4 | 76.3 | 76.5 | 76.8 | 77.1 | 77.2 | 77.3 | 77.4 | 77.4 | 77.6 | 77.6 | 77.8 | 78.0 |
| ≥ 5000 | 39.7 | 73.3 | 75.4 | 76.7 | 77.5 | 77.8 | 78.1 | 78.3 | 78.5 | 78.6 | 78.7 | 78.7 | 78.9 | 78.9 | 79.1 | 79.3 |
| ≥ 4500 | 40.1 | 74.0 | 76.1 | 77.4 | 78.3 | 78.6 | 78.9 | 79.1 | 79.2 | 79.3 | 79.5 | 79.5 | 79.6 | 79.7 | 79.9 | 80.0 |
| ≥ 4000 | 40.5 | 75.3 | 77.5 | 78.8 | 79.8 | 80.1 | 80.4 | 80.7 | 80.8 | 80.9 | 81.0 | 81.0 | 81.2 | 81.3 | 81.4 | 81.6 |
| ≥ 3500 | 40.9 | 76.0 | 78.3 | 79.6 | 80.6 | 80.9 | 81.3 | 81.5 | 81.7 | 81.8 | 81.9 | 81.9 | 82.1 | 82.1 | 82.3 | 82.5 |
| ≥ 3000 | 41.3 | 77.1 | 79.4 | 80.8 | 81.8 | 82.1 | 82.5 | 82.7 | 82.9 | 83.0 | 83.1 | 83.1 | 83.3 | 83.3 | 83.5 | 83.7 |
| ≥ 2500 | 41.7 | 78.2 | 80.6 | 82.0 | 83.1 | 83.4 | 83.8 | 84.0 | 84.2 | 84.3 | 84.4 | 84.4 | 84.6 | 84.7 | 84.8 | 85.0 |
| ≥ 2000 | 42.2 | 79.7 | 82.2 | 83.7 | 84.8 | 85.1 | 85.5 | 85.8 | 85.9 | 86.1 | 86.2 | 86.2 | 86.4 | 86.4 | 86.6 | 86.8 |
| ≥ 1800 | 42.4 | 80.2 | 82.7 | 84.2 | 85.3 | 85.6 | 86.0 | 86.3 | 86.4 | 86.6 | 86.7 | 86.7 | 86.9 | 87.0 | 87.1 | 87.3 |
| ≥ 1500 | 42.8 | 81.3 | 83.9 | 85.4 | 86.5 | 86.9 | 87.3 | 87.6 | 87.7 | 87.9 | 88.0 | 88.0 | 88.2 | 88.3 | 88.4 | 88.6 |
| ≥ 1200 | 43.1 | 82.4 | 85.1 | 86.7 | 87.9 | 88.3 | 88.7 | 89.1 | 89.2 | 89.4 | 89.5 | 89.5 | 89.7 | 89.8 | 89.9 | 90.1 |
| ≥ 1000 | 43.4 | 83.2 | 86.0 | 87.7 | 89.0 | 89.4 | 89.8 | 90.1 | 90.3 | 90.5 | 90.6 | 90.7 | 90.8 | 90.9 | 91.1 | 91.3 |
| ≥ 900 | 43.6 | 83.8 | 86.7 | 88.4 | 89.7 | 90.1 | 90.6 | 90.9 | 91.1 | 91.3 | 91.4 | 91.5 | 91.6 | 91.7 | 91.9 | 92.1 |
| ≥ 800 | 43.7 | 84.3 | 87.2 | 89.0 | 90.4 | 90.8 | 91.3 | 91.7 | 91.9 | 92.1 | 92.2 | 92.2 | 92.4 | 92.5 | 92.7 | 92.8 |
| ≥ 700 | 43.8 | 84.8 | 87.9 | 89.8 | 91.2 | 91.7 | 92.2 | 92.5 | 92.8 | 92.9 | 93.1 | 93.1 | 93.3 | 93.4 | 93.5 | 93.7 |
| ≥ 600 | 43.9 | 85.3 | 88.5 | 90.5 | 92.0 | 92.5 | 93.1 | 93.5 | 93.7 | 93.9 | 94.0 | 94.1 | 94.3 | 94.3 | 94.5 | 94.7 |
| ≥ 500 | 44.0 | 85.7 | 89.1 | 91.2 | 92.8 | 93.4 | 94.0 | 94.4 | 94.7 | 94.9 | 95.1 | 95.1 | 95.3 | 95.4 | 95.6 | 95.8 |
| ≥ 400 | 44.1 | 86.0 | 89.5 | 91.7 | 93.5 | 94.1 | 94.8 | 95.4 | 95.7 | 95.9 | 96.2 | 96.2 | 96.4 | 96.5 | 96.7 | 96.9 |
| ≥ 300 | 44.0 | 86.1 | 89.7 | 92.0 | 93.9 | 94.6 | 95.4 | 96.0 | 96.4 | 96.7 | 97.0 | 97.0 | 97.3 | 97.4 | 97.6 | 97.8 |
| ≥ 200 | 44.0 | 86.2 | 89.7 | 92.1 | 94.0 | 94.7 | 95.6 | 96.4 | 96.9 | 97.3 | 97.7 | 97.7 | 98.1 | 98.2 | 98.5 | 98.8 |
| ≥ 100 | 44.0 | 86.2 | 89.7 | 92.1 | 94.1 | 94.8 | 95.7 | 96.4 | 97.0 | 97.4 | 97.9 | 97.9 | 98.4 | 98.7 | 99.1 | 99.6 |
| ≥ 0 | 44.0 | 86.2 | 89.7 | 92.1 | 94.1 | 94.8 | 95.7 | 96.4 | 97.1 | 97.4 | 97.9 | 97.9 | 98.5 | 98.7 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 87628

## TOTAL SKY COVER

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

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| 03850 | FT RUCKER AL | 69-70,73-80 | JAN |
|---|---|---|---|
| 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 | | |
| JAN | 00-02 | 22.7 | | | 18.0 | | | | | | 12.3 | 47.0 | 6.3 | 920 |
| | 03-05 | 22.6 | | | 14.8 | | | | | | 12.5 | 50.1 | 6.6 | 923 |
| | 06-08 | 12.2 | | | 17.7 | | | | | | 15.2 | 54.9 | 7.4 | 923 |
| | 09-11 | 10.2 | | | 20.5 | | | | | | 18.0 | 51.3 | 7.4 | 929 |
| | 12-14 | 11.4 | | | 22.3 | | | | | | 22.5 | 43.8 | 7.1 | 929 |
| | 15-17 | 12.7 | | | 22.2 | | | | | | 21.5 | 43.7 | 7.0 | 930 |
| | 18-20 | 19.2 | | | 23.4 | | | | | | 15.7 | 41.6 | 6.3 | 930 |
| | 21-23 | 26.6 | | | 17.3 | | | | | | 15.1 | 41.0 | 6.0 | 927 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.2 | | | 19.5 | | | | | | 16.6 | 46.7 | 6.8 | 7411 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 36.8 | | | 15.2 | | | | | | 10.6 | 37.5 | 5.2 | 838 |
| | 03-05 | 34.5 | | | 12.8 | | | | | | 13.4 | 39.3 | 5.5 | 837 |
| | 06-08 | 20.4 | | | 21.1 | | | | | | 17.8 | 40.7 | 5.3 | 838 |
| | 09-11 | 22.4 | | | 23.0 | | | | | | 18.8 | 35.7 | 6.0 | 842 |
| | 12-14 | 20.7 | | | 26.3 | | | | | | 19.1 | 33.9 | 5.9 | 841 |
| | 15-17 | 19.5 | | | 27.8 | | | | | | 19.1 | 33.7 | 5.9 | 843 |
| | 18-20 | 24.0 | | | 29.5 | | | | | | 13.3 | 33.2 | 5.4 | 843 |
| | 21-23 | 35.7 | | | 21.1 | | | | | | 10.5 | 32.7 | 4.8 | 840 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 26.8 | | | 22.1 | | | | | | 15.3 | 35.8 | 5.6 | 6722 |

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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 29.5 | | | 18.6 | | | | | | 9.4 | 42.4 | 5.6 | 924 |
| | 03-05 | 26.0 | | | 18.9 | | | | | | 10.9 | 44.2 | 6.0 | 920 |
| | 06-08 | 14.7 | | | 19.6 | | | | | | 18.7 | 47.0 | 7.0 | 919 |
| | 09-11 | 11.7 | | | 25.1 | | | | | | 21.0 | 42.3 | 6.9 | 930 |
| | 12-14 | 10.1 | | | 25.7 | | | | | | 22.0 | 42.2 | 7.0 | 929 |
| | 15-17 | 9.2 | | | 25.4 | | | | | | 24.3 | 41.1 | 7.1 | 930 |
| | 18-20 | 16.7 | | | 28.5 | | | | | | 19.0 | 35.8 | 6.1 | 930 |
| | 21-23 | 29.6 | | | 23.1 | | | | | | 11.9 | 35.3 | 5.3 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.4 | | | 23.1 | | | | | | 17.2 | 41.3 | 6.4 | 7411 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

C3850 — STATION
FT RUCKER AL — STATION NAME
69-70,73-80 — PERIOD
APR — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 38.5 | | | 19.6 | | | | | | 13.2 | 28.7 | 4.6 | 892 |
| | 03-05 | 28.7 | | | 20.5 | | | | | | 13.0 | 37.8 | 5.6 | 883 |
| | 06-08 | 19.4 | | | 21.2 | | | | | | 19.7 | 39.7 | 6.4 | 895 |
| | 09-11 | 19.1 | | | 29.7 | | | | | | 21.2 | 30.0 | 5.8 | 900 |
| | 12-14 | 14.7 | | | 29.8 | | | | | | 26.5 | 29.0 | 6.2 | 898 |
| | 15-17 | 13.9 | | | 32.4 | | | | | | 21.9 | 31.8 | 6.1 | 899 |
| | 18-20 | 21.9 | | | 31.6 | | | | | | 18.6 | 28.0 | 5.4 | 900 |
| | 21-23 | 38.4 | | | 21.6 | | | | | | 13.2 | 26.8 | 4.5 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.3 | | | 25.8 | | | | | | 18.4 | 31.5 | 5.6 | 7167 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 33.7 | | | 24.9 | | | | | | 13.2 | 28.3 | 4.8 | 927 |
| | 03-05 | 23.4 | | | 26.1 | | | | | | 16.7 | 33.7 | 5.7 | 914 |
| | 06-08 | 15.8 | | | 25.5 | | | | | | 21.5 | 37.2 | 6.4 | 925 |
| | 09-11 | 12.8 | | | 31.8 | | | | | | 25.9 | 29.5 | 6.2 | 930 |
| | 12-14 | 6.2 | | | 38.4 | | | | | | 29.9 | 25.4 | 6.4 | 929 |
| | 15-17 | 4.8 | | | 39.0 | | | | | | 27.0 | 29.2 | 6.5 | 929 |
| | 18-20 | 14.2 | | | 31.9 | | | | | | 21.9 | 31.9 | 6.1 | 930 |
| | 21-23 | 26.9 | | | 31.0 | | | | | | 17.2 | 24.9 | 5.0 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.2 | | | 31.1 | | | | | | 21.7 | 30.0 | 5.9 | 7413 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 03850 | FT RUCKER AL | 69-70,73-80 | JUN |

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 | 35.2 | | | 33.7 | | | | | | 17.4 | 13.8 | 4.0 | 893 |
| | 03-05 | 21.6 | | | 37.1 | | | | | | 23.3 | 17.9 | 5.0 | 887 |
| | 06-08 | 14.3 | | | 34.2 | | | | | | 29.1 | 22.4 | 5.9 | 888 |
| | 09-11 | 9.2 | | | 44.2 | | | | | | 31.1 | 15.5 | 5.7 | 896 |
| | 12-14 | 2.2 | | | 47.6 | | | | | | 33.9 | 16.3 | 6.1 | 900 |
| | 15-17 | 3.0 | | | 42.6 | | | | | | 27.0 | 27.4 | 6.5 | 900 |
| | 18-20 | 8.9 | | | 34.5 | | | | | | 28.1 | 28.5 | 6.4 | 898 |
| | 21-23 | 24.6 | | | 40.2 | | | | | | 20.8 | 14.4 | 4.5 | 900 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 14.9 | | | 39.3 | | | | | | 26.3 | 19.5 | 5.5 | 7162 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| 03350 | FT RUCKER AL | 69-70,73-80 | JUL |
|---|---|---|---|
| STATION | STATION NAME | PERIOD | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 23.5 | | | 41.0 | | | | | | 19.1 | 16.5 | 4.6 | 923 |
| | 03-05 | 17.7 | | | 39.6 | | | | | | 23.2 | 19.4 | 5.2 | 908 |
| | 06-08 | 5.3 | | | 36.9 | | | | | | 29.3 | 28.5 | 6.6 | 917 |
| | 09-11 | 4.8 | | | 38.4 | | | | | | 34.7 | 22.1 | 6.5 | 922 |
| | 12-14 | .3 | | | 36.7 | | | | | | 41.8 | 21.1 | 7.0 | 928 |
| | 15-17 | .3 | | | 32.4 | | | | | | 39.2 | 28.1 | 7.3 | 929 |
| | 18-20 | 1.4 | | | 25.4 | | | | | | 33.6 | 39.6 | 7.7 | 926 |
| | 21-23 | 14.1 | | | 35.6 | | | | | | 25.2 | 25.2 | 5.8 | 922 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 8.4 | | | 35.8 | | | | | | 30.8 | 25.1 | 6.3 | 7375 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

C3850 — STATION
FT RUCKER AL — STATION NAME
69-70,73-80 — PERIOD
AUG — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 36.5 | | | 34.2 | | | | | | 16.7 | 12.6 | 3.8 | 918 |
| | 03-05 | 29.4 | | | 38.2 | | | | | | 17.3 | 15.1 | 4.2 | 901 |
| | 06-08 | 13.2 | | | 39.4 | | | | | | 25.5 | 21.9 | 5.7 | 918 |
| | 09-11 | 5.4 | | | 45.7 | | | | | | 31.7 | 17.2 | 5.9 | 930 |
| | 12-14 | .1 | | | 47.1 | | | | | | 35.6 | 17.3 | 6.3 | 930 |
| | 15-17 | 1.7 | | | 41.1 | | | | | | 31.2 | 26.0 | 6.6 | 930 |
| | 18-20 | 6.4 | | | 31.5 | | | | | | 32.2 | 29.9 | 6.8 | 925 |
| | 21-23 | 21.9 | | | 39.1 | | | | | | 21.3 | 17.7 | 4.9 | 923 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 14.3 | | | 39.5 | | | | | | 26.4 | 19.7 | 5.5 | 7375 |

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

| 03850 | FT RUCKER AL | 69-70,73-80 | SEP |
|---|---|---|---|
| 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 | | |
| SEP | 00-02 | 34.2 | | | 31.8 | | | | | | 14.1 | 19.8 | 4.2 | 892 |
| | 03-05 | 32.0 | | | 30.7 | | | | | | 12.4 | 24.9 | 4.5 | 880 |
| | 06-08 | 11.0 | | | 37.3 | | | | | | 20.1 | 31.6 | 6.1 | 887 |
| | 09-11 | 7.6 | | | 38.3 | | | | | | 27.4 | 26.7 | 6.3 | 895 |
| | 12-14 | 2.2 | | | 42.0 | | | | | | 31.3 | 24.5 | 6.5 | 899 |
| | 15-17 | 3.0 | | | 35.2 | | | | | | 33.6 | 28.2 | 6.9 | 898 |
| | 18-20 | 13.2 | | | 31.2 | | | | | | 26.9 | 28.7 | 6.2 | 895 |
| | 21-23 | 26.3 | | | 34.8 | | | | | | 20.0 | 18.9 | 4.7 | 892 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.2 | | | 35.2 | | | | | | 23.2 | 25.4 | 5.7 | 7138 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| C3850 | FT RUCKER AL | 69-70,73-80 | 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 | 56.6 | | | 18.0 | | | | | | 8.9 | 16.5 | 3.0 | 926 |
| | 03-05 | 50.3 | | | 20.3 | | | | | | 10.7 | 18.7 | 3.4 | 925 |
| | 06-08 | 27.9 | | | 31.9 | | | | | | 16.7 | 23.5 | 4.8 | 922 |
| | 09-11 | 24.8 | | | 35.1 | | | | | | 17.7 | 22.4 | 4.9 | 930 |
| | 12-14 | 18.3 | | | 43.0 | | | | | | 16.8 | 21.9 | 5.0 | 928 |
| | 15-17 | 20.7 | | | 40.5 | | | | | | 19.1 | 19.7 | 4.9 | 928 |
| | 18-20 | 36.3 | | | 32.2 | | | | | | 14.4 | 17.1 | 4.0 | 930 |
| | 21-23 | 52.7 | | | 22.9 | | | | | | 8.3 | 16.0 | 3.0 | 929 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 36.0 | | | 30.5 | | | | | | 14.1 | 19.5 | 4.1 | 7418 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 45.5 | | | 18.0 | | | | | | 11.7 | 24.9 | 4.1 | 884 |
| | 03-05 | 45.0 | | | 16.7 | | | | | | 10.0 | 28.2 | 4.2 | 886 |
| | 06-08 | 25.1 | | | 26.3 | | | | | | 14.9 | 33.7 | 5.5 | 895 |
| | 09-11 | 23.6 | | | 28.7 | | | | | | 16.7 | 31.0 | 5.5 | 899 |
| | 12-14 | 20.2 | | | 28.4 | | | | | | 23.6 | 27.8 | 5.8 | 900 |
| | 15-17 | 18.5 | | | 33.7 | | | | | | 21.8 | 26.0 | 5.6 | 899 |
| | 18-20 | 34.6 | | | 28.1 | | | | | | 15.5 | 21.9 | 4.4 | 897 |
| | 21-23 | 43.5 | | | 20.3 | | | | | | 12.8 | 23.3 | 4.1 | 891 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.0 | | | 25.0 | | | | | | 15.9 | 27.1 | 4.9 | 7151 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| C3850 | FT RUCKER AL | 68-70,73-79 | DEC |
|---|---|---|---|
| STATION | STATION NAME | PERIOD | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 35.1 | | | 17.7 | | | | | | 13.3 | 34.0 | 5.1 | 927 |
| | 03-05 | 36.1 | | | 16.3 | | | | | | 11.8 | 35.7 | 5.1 | 913 |
| | 06-08 | 22.2 | | | 23.5 | | | | | | 16.6 | 37.7 | 6.0 | 928 |
| | 09-11 | 21.5 | | | 23.7 | | | | | | 19.6 | 35.2 | 6.0 | 929 |
| | 12-14 | 17.7 | | | 27.6 | | | | | | 22.1 | 32.7 | 6.1 | 928 |
| | 15-17 | 16.2 | | | 29.9 | | | | | | 20.0 | 33.9 | 6.1 | 930 |
| | 18-20 | 29.9 | | | 23.1 | | | | | | 15.4 | 31.5 | 5.2 | 926 |
| | 21-23 | 38.3 | | | 18.6 | | | | | | 13.5 | 29.7 | 4.7 | 927 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.1 | | | 22.6 | | | | | | 16.5 | 33.8 | 5.5 | 7408 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# SKY COVER

| 03850 | FT RUCKER AL | 68-70,73-80 | ALL |
|---|---|---|---|
| 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 | | |
| JAN | ALL | 17.2 | | | 19.5 | | | | | | 16.6 | 46.7 | 6.8 | 7411 |
| FEB | | 26.8 | | | 22.1 | | | | | | 15.3 | 35.8 | 5.6 | 6722 |
| MAR | | 18.4 | | | 23.1 | | | | | | 17.2 | 41.3 | 6.4 | 7411 |
| APR | | 24.3 | | | 25.8 | | | | | | 18.4 | 31.5 | 5.6 | 7167 |
| MAY | | 17.2 | | | 31.1 | | | | | | 21.7 | 30.0 | 5.9 | 7413 |
| JUN | | 14.9 | | | 39.3 | | | | | | 26.3 | 19.5 | 5.5 | 7162 |
| JUL | | 8.4 | | | 35.8 | | | | | | 30.8 | 25.1 | 6.3 | 7375 |
| AUG | | 14.3 | | | 39.5 | | | | | | 26.4 | 19.7 | 5.5 | 7375 |
| SEP | | 16.2 | | | 35.2 | | | | | | 23.2 | 25.4 | 5.7 | 7138 |
| OCT | | 36.0 | | | 30.5 | | | | | | 14.1 | 19.5 | 4.1 | 7418 |
| NOV | | 32.0 | | | 25.0 | | | | | | 15.9 | 27.1 | 4.9 | 7151 |
| DEC | | 27.1 | | | 22.6 | | | | | | 16.5 | 33.8 | 5.5 | 7408 |
| TOTALS | | 21.1 | | | 29.1 | | | | | | 20.2 | 29.6 | 5.7 | 87151 |

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.



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GLOBAL CLIMATOLOGY BRANCH
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# DAILY TEMPERATURES

03850 FT RUCKER AL 54-80
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 100 | | | | | | .9 | .7 | .4 | | | | | .2 |
| 95 | | | | | 2.5 | 8.7 | 14.3 | 11.2 | 3.6 | | | | 3.4 |
| 90 | | | | .8 | 22.7 | 46.8 | 59.7 | 60.2 | 34.7 | 1.3 | | | 18.9 |
| 85 | | .1 | 2.6 | 16.7 | 51.6 | 83.6 | 91.1 | 89.6 | 69.7 | 16.1 | .7 | | 35.2 |
| 80 | 1.0 | 2.6 | 13.8 | 50.4 | 79.4 | 96.4 | 98.4 | 98.9 | 86.6 | 48.0 | 9.4 | 1.4 | 48.9 |
| 75 | 7.6 | 12.8 | 32.6 | 71.7 | 93.1 | 98.7 | 100.0 | 99.9 | 94.5 | 69.1 | 28.6 | 10.0 | 60.0 |
| 70 | 18.1 | 27.3 | 54.2 | 87.7 | 98.0 | 99.9 | | 100.0 | 98.2 | 86.1 | 49.9 | 24.4 | 70.4 |
| 65 | 32.5 | 44.6 | 71.8 | 95.8 | 99.8 | 100.0 | | | 99.7 | 95.7 | 69.9 | 41.8 | 79.4 |
| 60 | 47.6 | 60.0 | 83.6 | 99.2 | 99.9 | | | | 100.0 | 99.1 | 83.8 | 60.8 | 86.3 |
| 55 | 64.4 | 74.0 | 92.2 | 100.0 | 100.0 | | | | | 100.0 | 92.1 | 76.9 | 91.7 |
| 50 | 78.9 | 87.2 | 97.5 | | | | | | | | 97.7 | 88.8 | 95.9 |
| 45 | 89.7 | 94.8 | 99.5 | | | | | | | | 99.4 | 96.8 | 98.4 |
| 40 | 95.7 | 98.0 | 99.9 | | | | | | | | 99.9 | 99.1 | 99.4 |
| 35 | 98.5 | 99.9 | | | | | | | | | 100.0 | 99.8 | 99.8 |
| 30 | 99.8 | 100.0 | 100.0 | | | | | | | | | 99.9 | 100.0 |
| 25 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 58.7 | 62.1 | 69.4 | 76.1 | 84.2 | 88.7 | 90.1 | 89.8 | 86.4 | 77.7 | 68.6 | 61.9 | 76.3 |
| S D | 10.894 | 10.458 | 9.380 | 6.798 | 6.210 | 4.801 | 4.165 | 4.062 | 6.109 | 6.868 | 8.877 | 9.518 | 13.625 |
| TOTAL OBS | 806 | 735 | 804 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9536 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

03850 (STATION) FT RUCKER AL (STATION NAME) 54-80 (YEARS)

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | | | | | .1 | .2 | | | | | | .0 |
| 75 | | | | | .2 | 4.2 | 13.8 | 10.2 | 2.6 | | | | 2.6 |
| 70 | | | .6 | 1.5 | 10.9 | 56.3 | 86.5 | 84.2 | 49.1 | 3.7 | .5 | | 24.5 |
| 65 | .9 | 2.2 | 4.7 | 14.5 | 49.0 | 88.2 | 98.6 | 97.9 | 79.4 | 16.2 | 3.6 | 1.6 | 38.1 |
| 60 | 4.2 | 5.9 | 14.8 | 35.8 | 74.1 | 98.2 | 99.9 | 99.9 | 92.4 | 36.9 | 12.5 | 6.3 | 48.5 |
| 55 | 9.6 | 13.5 | 28.1 | 56.8 | 91.7 | 99.4 | 100.0 | 100.0 | 97.4 | 59.6 | 23.5 | 12.4 | 57.7 |
| 50 | 19.5 | 21.8 | 43.9 | 76.5 | 97.5 | 100.0 | | | 99.5 | 75.9 | 38.9 | 22.0 | 66.4 |
| 45 | 29.7 | 35.5 | 61.3 | 90.5 | 99.9 | | | | 99.7 | 91.1 | 55.1 | 35.4 | 75.6 |
| 40 | 44.9 | 51.6 | 78.2 | 98.3 | 100.0 | | | | 99.9 | 96.9 | 74.4 | 51.9 | 85.1 |
| 35 | 59.9 | 69.8 | 90.7 | 99.9 | | | | | 100.0 | 99.8 | 87.2 | 68.2 | 89.7 |
| 33 | 67.6 | 77.1 | 93.7 | 100.0 | | | | | | 100.0 | 92.2 | 75.9 | 92.3 |
| 30 | 79.7 | 87.1 | 97.8 | | | | | | | | 97.0 | 86.4 | 95.7 |
| 25 | 91.9 | 95.5 | 99.5 | | | | | | | | 99.1 | 97.5 | 98.6 |
| 20 | 97.5 | 99.5 | 99.8 | | | | | | | | 99.9 | 99.4 | 99.7 |
| 15 | 99.1 | 100.0 | 100.0 | | | | | | | | 100.0 | 99.8 | 99.9 |
| 10 | 99.6 | | | | | | | | | | | 99.9 | 100.0 |
| 5 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 38.8 | 41.1 | 47.8 | 55.7 | 63.2 | 69.2 | 71.9 | 71.6 | 67.9 | 56.0 | 46.6 | 41.0 | 55.9 |
| S D | 11.154 | 10.648 | 9.993 | 7.809 | 5.811 | 3.913 | 2.569 | 2.633 | 5.125 | 8.363 | 10.063 | 10.582 | 14.513 |
| TOTAL OBS | 806 | 735 | 804 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9536 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

03650 STATION — FT RUCKER AL STATION NAME — 54-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | | | | | | .4 | .5 | | | | | | .1 |
| 85 | | | | | .5 | 6.2 | 11.8 | 8.3 | 1.5 | | | | 2.4 |
| 80 | | | | .5 | 15.6 | 51.9 | 75.7 | 72.6 | 41.9 | 1.2 | | | 21.7 |
| 75 | | .3 | 3.1 | 12.4 | 50.1 | 89.9 | 98.8 | 98.0 | 77.1 | 14.0 | 2.1 | .4 | 37.2 |
| 70 | 2.1 | 3.4 | 11.9 | 39.7 | 80.4 | 98.2 | 99.9 | 100.0 | 91.5 | 40.8 | 9.3 | 2.6 | 48.4 |
| 65 | 7.1 | 12.2 | 28.2 | 66.8 | 94.7 | 100.0 | 100.0 | | 97.7 | 65.9 | 22.7 | 10.9 | 59.0 |
| 60 | 18.2 | 23.8 | 48.6 | 86.4 | 99.4 | | | | 99.4 | 84.4 | 44.2 | 21.7 | 69.0 |
| 55 | 30.1 | 38.0 | 68.2 | 96.0 | 100.0 | | | | 99.9 | 96.0 | 65.3 | 37.0 | 77.7 |
| 50 | 46.0 | 56.3 | 84.8 | 99.7 | | | | | 100.0 | 99.6 | 81.2 | 55.2 | 85.4 |
| 45 | 64.5 | 75.9 | 93.9 | 100.0 | | | | | | 100.0 | 93.3 | 77.8 | 92.2 |
| 40 | 81.1 | 89.5 | 98.1 | | | | | | | | 98.3 | 91.1 | 96.5 |
| 35 | 93.4 | 96.7 | 99.8 | | | | | | | | 99.5 | 98.3 | 99.0 |
| 30 | 97.6 | 99.7 | 99.9 | | | | | | | | 99.9 | 99.6 | 99.7 |
| 25 | 99.4 | 100.0 | | | | | | | | | 100.0 | 99.8 | 99.9 |
| 20 | 99.8 | | 100.0 | | | | | | | | | 99.9 | 100.0 |
| 15 | 100.0 | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 49.0 | 51.8 | 58.9 | 67.1 | 74.0 | 79.2 | 81.3 | 80.9 | 77.4 | 67.1 | 57.8 | 51.7 | 66.4 |
| S D | 10.322 | 9.817 | 8.912 | 6.511 | 5.270 | 3.719 | 2.848 | 2.802 | 4.943 | 6.783 | 8.725 | 9.326 | 13.684 |
| TOTAL OBS | 806 | 735 | 804 | 780 | 806 | 780 | 606 | 806 | 778 | 819 | 810 | 806 | 9536 |

USAFETAC FORM JUL 64 0-4 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03850 STATION | FT RUCKER AL STATION NAME | 54-80 YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR. | MAY | JUN | JUL. | AUG | SEP. | OCT | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * 83 | 76 | 74 | |
| 55 | 76 | 79 | 89 | 91 | 96 | 94 | 95 | 97 | 95 | 89 | 84 | 80 | 97 |
| 56 | 74 | 83 | 81 | 89 | 95 | 94 | 96 | 98 | 93 | 88 | 84 | 78 | 98 |
| 57 | 81 | 84 | 82 | 88 | 93 | 95 | 97 | 99 | 98 | 84 | 84 | 74 | 99 |
| 58 | 70 | 78* | 77 | 90 | 92 | 97 | 93 | 94 | 94 | 89 | 83 | 76 | 97 |
| 59 | 74 | 79 | 79 | 85 | 93 | 96 | 95 | 97 | 93 | 92 | 84 | 75 | 97 |
| 60 | 80 | 74 | 82 | 87 | 94 | 94 | 97 | 95 | 94 | 88 | 81 | 74 | 97 |
| 61 | 75 | 79 | 82 | 83 | 90 | 92 | 93 | 93 | 92 | 87 | 86 | 80 | 93 |
| 62 | 79 | 85 | 86 | 89 | 98 | 94 | 97 | 101 | 96 | 89 | 79 | 71 | 101 |
| 63 | 75 | 80 | 87 | 90 | 92 | 101 | 93 | 96 | 95 | 88 | 81 | 71 | 101 |
| 64 | 70 | 66 | 82 | 86 | 94 | 98 | 91 | 93 | 95 | 88 | 80 | 77 | 98 |
| 65 | 76 | 78 | 81 | 88 | 96 | 96 | 96 | 94 | 92 | 88 | 79 | 74 | 96 |
| 66 | 75 | 72 | 82 | 87 | 89 | 93 | 100 | 94 | 94 | 88 | 84 | 77 | 100 |
| 67 | 75 | 75 | 87 | 90 | 94 | 95 | 92 | 92 | 91 | 88 | 82 | 79 | 95 |
| 68 | 73 | 72 | 83 | 89 | 92 | 97 | 99 | 94 | 90 | 87 | 76 | 73 | 99 |
| 69 | 74 | 76 | 80 | 85 | 90 | 98 | 97 | 92 | 93 | 86 | 77 | 77 | 98 |
| 70 | 77 | 72 | 90 | 90 | 92 | 95 | 98 | 92 | 93 | 89 | 76 | 81 | 98 |
| 71 | 79 | 80 | 79 | 88 | 87 | 97 | 95 | 94 | 92 | 91 | 88 | 83 | 97 |
| 72 | 80 | 79 | 79 | 88 | 86 | 95 | 94 | 97 | 96 | 89 | 83 | 78 | 97 |
| 73 | 71 | 72 | 82 | 83 | 93 | 92 | 97 | 93 | 93 | 88 | 83 | 76 | 97 |
| 74 | 80 | 78 | 89 | 86 | 94 | 95 | 95 | 93 | 92 | 86 | 85 | 77 | 95 |
| 75 | 81 | 83 | 94 | 89 | 94 | 94 | 95 | 94 | 95 | 87 | 84 | 78 | 95 |
| 76 | 72 | 78 | 82 | 90 | 87 | 93 | 97 | 97 | 90 | 84 | 74 | 71 | 97 |
| 77 | 67 | 81 | 86 | 87 | 94 | 101 | 99 | 95 | 93 | 90 | 78 | 81 | 101 |
| 78 | 70 | 71 | 85 | 88 | 96 | 102 | 97 | 95 | 99 | 91 | 84 | 83 | 102 |
| 79 | 71 | 76 | 83 | 88 | 88 | 96 | 97 | 97 | 94 | 86 | 80 | 76 | 97 |
| 80 | 71 | 76 | 78 | 86 | 87 | 95 | 103 | 101 | * 99 | 86 | 79 | | |
| | | | | | | | | | | | | | |
| MEAN | 74.8 | 77.2 | 82.8 | 87.7 | 92.2 | 95.7 | 96.1 | 95.3 | 93.7 | 88.0 | 81.3 | 76.7 | 97.7 |
| S D | 3.936 | 4.523 | 3.166 | 2.131 | 3.246 | 2.616 | 2.622 | 2.570 | 2.174 | 1.897 | 3.453 | 3.427 | 2.196 |
| TOTAL OBS | 806 | 735 | 874 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9536 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

USAF ETAC FORM JUL 64 0 88 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

03850 FT RUCKER AL 54-80
STATION STATION NAME YEARS

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP. | OCT | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 | | | | | | | | | | * 35 | 24 | 26 | |
| 55 | 25 | 21 | 25 | 46 | 55 | 59 | 70 | 68 | 65 | 37 | 22 | 24 | 21 |
| 56 | 24 | 32 | 31 | 44 | 51 | 52 | 64 | 60 | 53 | 50 | 24 | 31 | 24 |
| 57 | 22 | 36 | 31 | 40 | 51 | 66 | 69 | 66 | 57 | 34 | 30 | 18 | 18 |
| 58 | 22 | 16* | 34 | 41 | 46 | 63 | 64 | 66 | 57 | 41 | 32 | 26 | 16 |
| 59 | 21 | 29 | 33 | 39 | 55 | 68 | 69 | 69 | 62 | 46 | 23 | 27 | 21 |
| 60 | 19 | 26 | 24 | 36 | 45 | 63 | 70 | 66 | 59 | 41 | 35 | 20 | 19 |
| 61 | 19 | 31 | 35 | 41 | 48 | 61 | 67 | 64 | 52 | 40 | 30 | 22 | 19 |
| 62 | 13 | 28 | 27 | 35 | 56 | 67 | 67 | 69 | 49 | 38 | 33 | 7 | 7 |
| 63 | 8 | 23 | 36 | 44 | 47 | 61 | 64 | 67 | 57 | 39 | 30 | 17 | 8 |
| 64 | 20 | 25 | 33 | 41 | 53 | 62 | 66 | 61 | 56 | 37 | 29 | 24 | 20 |
| 65 | 19 | 25 | 30 | 42 | 46 | 64 | 66 | 66 | 58 | 37 | 32 | 27 | 19 |
| 66 | 8 | 22 | 28 | 39 | 50 | 54 | 66 | 64 | 57 | 45 | 29 | 24 | 8 |
| 67 | 29 | 21 | 35 | 47 | 49 | 61 | 57 | 61 | 38 | 41 | 31 | 26 | 21 |
| 68 | 24 | 23 | 27 | 42 | 50 | 61 | 69 | 59 | 58 | 35 | 27 | 21 | 21 |
| 69 | 19 | 29 | 26 | 43 | 48 | 60 | 70 | 64 | 56 | 49 | 25 | 28 | 19 |
| 70 | 12 | 17 | 32 | 42 | 50 | 59 | 63 | 70 | 52 | 49 | 18 | 27 | 12 |
| 71 | 22 | 18 | 28 | 33 | 42 | 62 | 68 | 70 | 61 | 42 | 33 | 38 | 18 |
| 72 | 18 | 27 | 33 | 39 | 54 | 50 | 61 | 67 | 54 | 46 | 32 | 28 | 18 |
| 73 | 24 | 25 | 40 | 38 | 50 | 63 | 69 | 65 | 58 | 37 | 34 | 23 | 23 |
| 74 | 36 | 24 | 40 | 39 | 55 | 62 | 66 | 68 | 55 | 43 | 34 | 26 | 24 |
| 75 | 25 | 26 | 33 | 36 | 59 | 65 | 69 | 70 | 47 | 43 | 30 | 19 | 19 |
| 76 | 20 | 27 | 34 | 42 | 48 | 57 | 66 | 64 | 56 | 35 | 25 | 22 | 20 |
| 77 | 9 | 24 | 33 | 40 | 51 | 62 | 72 | 71 | 66 | 39 | 30 | 26 | 9 |
| 78 | 20 | 23 | 25 | 44 | 55 | 64 | 71 | 67 | 67 | 42 | 47 | 28 | 20 |
| 79 | 20 | 23 | 37 | 47 | 48 | 57 | 67 | 64 | 59 | 44 | 28 | 27 | 20 |
| 80 | 27 | 22 | 16 | 41 | 53 | 62 | 70 | 69* | 68 | 39 | 34 | | |
| | | | | | | | | | | | | | |
| MEAN | 20.2 | 24.7 | 30.9 | 40.8 | 50.5 | 61.0 | 67.0 | 66.0 | 56.4 | 41.1 | 29.7 | 24.3 | 17.8 |
| S D | 6.354 | 4.560 | 5.426 | 3.510 | 4.012 | 4.257 | 3.359 | 3.268 | 6.102 | 4.475 | 5.491 | 5.584 | 5.071 |
| TOTAL OBS | 806 | 735 | 804 | 780 | 806 | 780 | 806 | 806 | 778 | 819 | 810 | 806 | 9536 |

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM JUL 64 0-98 5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | » 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 68/ 67 | .5 | .4 | .2 | | | | | | | | | | | | | | | 11 | 11 | 8 | 8 |
| 66/ 65 | .4 | 2.3 | | | | | | | | | | | | | | | | 25 | 25 | 21 | 14 |
| 64/ 63 | 1.1 | 2.3 | .3 | | | | | | | | | | | | | | | 34 | 34 | 25 | 28 |
| 62/ 61 | .8 | 1.6 | .3 | .4 | | | | | | | | | | | | | | 29 | 29 | 28 | 29 |
| 60/ 59 | .9 | 1.7 | .4 | .2 | | | | | | | | | | | | | | 30 | 30 | 24 | 19 |
| 58/ 57 | 1.0 | 2.5 | .2 | .3 | | | | | | | | | | | | | | 37 | 37 | 30 | 23 |
| 56/ 55 | .6 | 2.6 | .8 | .3 | | .2 | | | | | | | | | | | | 42 | 42 | 37 | 33 |
| 54/ 53 | .4 | 2.0 | 1.1 | .3 | .1 | | | | | | | | | | | | | 37 | 37 | 35 | 27 |
| 52/ 51 | 1.3 | 2.8 | 1.3 | .2 | | .2 | | | | | | | | | | | | 54 | 54 | 43 | 45 |
| 50/ 49 | .6 | 2.6 | .9 | .4 | | .5 | | | | | | | | | | | | 47 | 47 | 44 | 38 |
| 48/ 47 | .3 | 3.2 | .9 | 1.0 | .1 | .1 | | | | | | | | | | | | 52 | 52 | 44 | 38 |
| 46/ 45 | .5 | 1.9 | 1.7 | 1.0 | | | | | | | | | | | | | | 48 | 48 | 47 | 44 |
| 44/ 43 | .3 | 2.9 | 1.3 | .3 | | | | | | | | | | | | | | 45 | 45 | 40 | 41 |
| 42/ 41 | .4 | 2.3 | 1.9 | 1.1 | .2 | | | | | | | | | | | | | 55 | 55 | 59 | 33 |
| 40/ 39 | .2 | 1.6 | 2.2 | 1.0 | .1 | | | | | | | | | | | | | 47 | 47 | 43 | 36 |
| 38/ 37 | .1 | 1.8 | 2.0 | 1.3 | .8 | | | | | | | | | | | | | 56 | 56 | 40 | 30 |
| 36/ 35 | | 1.6 | 2.3 | 1.4 | .3 | | | | | | | | | | | | | 52 | 52 | 47 | 31 |
| 34/ 33 | | 1.5 | 2.6 | .8 | .1 | | | | | | | | | | | | | 46 | 46 | 43 | 38 |
| 32/ 31 | | 2.0 | 3.2 | 1.4 | | | | | | | | | | | | | | 62 | 62 | 57 | 35 |
| 30/ 29 | | 1.3 | 2.7 | 1.0 | | | | | | | | | | | | | | 46 | 46 | 53 | 36 |
| 28/ 27 | | .9 | 1.6 | .4 | | | | | | | | | | | | | | 27 | 27 | 52 | 40 |
| 26/ 25 | | | 1.6 | .4 | | | | | | | | | | | | | | 19 | 19 | 44 | 36 |
| 24/ 23 | | .4 | .6 | | | | | | | | | | | | | | | 10 | 10 | 20 | 29 |
| 22/ 21 | | | .6 | | | | | | | | | | | | | | | 6 | 6 | 26 | 37 |
| 20/ 19 | | .4 | .3 | | | | | | | | | | | | | | | 7 | 7 | 6 | 36 |
| 18/ 17 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 29 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 20 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 23 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 9.6 | 43.3 | 31.1 | 13.2 | 1.7 | 1.1 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5892448 | 72406 | 77.9 | 16.575 | 930 | | | | | | | |
| Dry Bulb | 1950611 | 41169 | 44.3 | 11.745 | 930 | | 18.0 | 1.4 | | | | 93 |
| Wet Bulb | 1757921 | 38711 | 41.6 | 12.561 | 930 | | 27.2 | .8 | | | | 93 |
| Dew Point | 1535338 | 34816 | 37.4 | 15.801 | 930 | | 37.5 | .8 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 1 | |
| 68/ 67 | .2 | 1.2 | | | | | | | | | | | | | | | | 13 | 13 | 6 | 7 |
| 66/ 65 | .2 | 1.7 | | | | | | | | | | | | | | | | 18 | 18 | 22 | 15 |
| 64/ 63 | 1.0 | 2.3 | .2 | | | | | | | | | | | | | | | 32 | 32 | 20 | 24 |
| 62/ 61 | .4 | 2.2 | .1 | | | | | | | | | | | | | | | 25 | 25 | 27 | 16 |
| 60/ 59 | 1.0 | 2.3 | | .5 | | | | | | | | | | | | | | 35 | 35 | 27 | 34 |
| 58/ 57 | .9 | 1.2 | | .3 | | | | | | | | | | | | | | 22 | 22 | 31 | 29 |
| 56/ 55 | .9 | 1.6 | .8 | | | | | | | | | | | | | | | 30 | 30 | 20 | 21 |
| 54/ 53 | 1.5 | 1.7 | .8 | .2 | | | | | | | | | | | | | | 39 | 39 | 37 | 29 |
| 52/ 51 | 1.8 | 2.4 | .3 | | | | | | | | | | | | | | | 42 | 42 | 49 | 45 |
| 50/ 49 | 1.3 | 2.4 | 1.2 | | | .3 | | | | | | | | | | | | 48 | 48 | 33 | 33 |
| 48/ 47 | .6 | 2.7 | .9 | | .2 | | | | | | | | | | | | | 41 | 41 | 39 | 25 |
| 46/ 45 | .1 | 2.4 | 1.6 | .5 | .2 | | | | | | | | | | | | | 45 | 45 | 34 | 38 |
| 44/ 43 | .9 | 3.7 | 1.0 | .6 | .2 | | | | | | | | | | | | | 59 | 59 | 39 | 41 |
| 42/ 41 | .6 | 3.5 | .9 | .2 | .3 | | | | | | | | | | | | | 52 | 52 | 65 | 35 |
| 40/ 39 | .8 | 3.2 | 2.4 | .5 | | | | | | | | | | | | | | 64 | 64 | 58 | 55 |
| 38/ 37 | .1 | 1.4 | 1.8 | .6 | .1 | | | | | | | | | | | | | 38 | 38 | 43 | 37 |
| 36/ 35 | .1 | .9 | 2.0 | 2.2 | .1 | | | | | | | | | | | | | 49 | 49 | 37 | 26 |
| 34/ 33 | .1 | 1.6 | 2.4 | .8 | | | | | | | | | | | | | | 45 | 45 | 33 | 28 |
| 32/ 31 | .4 | 3.0 | 2.3 | .6 | | | | | | | | | | | | | | 59 | 59 | 46 | 39 |
| 30/ 29 | | 2.3 | 2.9 | .8 | | | | | | | | | | | | | | 55 | 55 | 69 | 29 |
| 28/ 27 | .1 | 2.5 | 2.5 | .4 | | | | | | | | | | | | | | 51 | 51 | 44 | 51 |
| 26/ 25 | | 1.0 | 1.0 | .2 | | | | | | | | | | | | | | 20 | 20 | 62 | 29 |
| 24/ 23 | | .4 | .9 | .1 | | | | | | | | | | | | | | 13 | 13 | 35 | 25 |
| 22/ 21 | | .6 | .9 | | | | | | | | | | | | | | | 14 | 14 | 16 | 40 |
| 20/ 19 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | 18 | 47 |
| 18/ 17 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 7 | 33 |
| 16/ 15 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 19 |
| 14/ 13 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 25 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 |
| 1/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 13.0 | 49.8 | 27.0 | 8.7 | 1.2 | .3 | | | | | | | | | | | 930 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 6174462 | 74344 | 79.9 | 15.783 | 930 | | | | | | | |
| Dry Bulb | 1836999 | 39733 | 42.7 | 12.252 | 930 | | 22.9 | 1.7 | | | | 93 |
| Wet Bulb | 1680915 | 37663 | 40.5 | 12.944 | 930 | | 30.9 | .7 | | | | 93 |
| Dew Point | 1486617 | 34093 | 36.7 | 15.965 | 930 | .4 | 39.2 | .1 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .5 | | | | | | | | | | | | | | | | 5 | 5 | 1 | 1 |
| 68/ 67 | | 1.3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 4 | 4 |
| 66/ 65 | .8 | 1.8 | | | | | | | | | | | | | | | | 24 | 24 | 26 | 20 |
| 64/ 63 | .6 | 1.3 | | .1 | | | | | | | | | | | | | | 19 | 19 | 20 | 20 |
| 62/ 61 | .3 | 2.5 | .1 | .1 | | | | | | | | | | | | | | 28 | 28 | 23 | 18 |
| 60/ 59 | .9 | 2.6 | .2 | .2 | | | | | | | | | | | | | | 36 | 36 | 25 | 31 |
| 58/ 57 | .6 | 1.2 | .3 | | | | | | | | | | | | | | | 20 | 20 | 29 | 26 |
| 56/ 55 | 1.0 | 1.7 | .5 | | | | | | | | | | | | | | | 30 | 30 | 24 | 26 |
| 54/ 53 | 1.1 | 2.0 | .4 | .2 | | .1 | | | | | | | | | | | | 36 | 36 | 33 | 23 |
| 52/ 51 | 1.6 | 2.7 | .9 | | | | | | | | | | | | | | | 48 | 48 | 43 | 45 |
| 50/ 49 | 1.2 | 2.3 | .5 | .1 | | .1 | | | | | | | | | | | | 39 | 39 | 38 | 35 |
| 48/ 47 | .4 | 2.4 | .3 | .1 | .3 | | | | | | | | | | | | | 33 | 33 | 36 | 27 |
| 46/ 45 | | 3.2 | 1.3 | .4 | .4 | .1 | | | | | | | | | | | | 51 | 51 | 38 | 31 |
| 44/ 43 | .1 | 4.1 | 1.3 | .5 | .3 | | | | | | | | | | | | | 59 | 59 | 33 | 38 |
| 42/ 41 | 1.2 | 2.3 | 1.1 | .1 | .1 | | | | | | | | | | | | | 44 | 44 | 59 | 42 |
| 40/ 39 | .6 | 2.4 | 1.5 | .6 | .5 | | | | | | | | | | | | | 53 | 53 | 50 | 38 |
| 38/ 37 | .4 | 3.3 | 1.9 | .3 | | | | | | | | | | | | | | 56 | 56 | 43 | 30 |
| 36/ 35 | .2 | 1.2 | 2.2 | .9 | .2 | | | | | | | | | | | | | 43 | 43 | 54 | 39 |
| 34/ 33 | .1 | 1.6 | 3.5 | .8 | | | | | | | | | | | | | | 56 | 56 | 35 | 32 |
| 32/ 31 | .9 | 3.9 | 2.0 | 1.7 | | | | | | | | | | | | | | 79 | 79 | 55 | 46 |
| 30/ 29 | | 1.6 | 2.2 | .5 | | | | | | | | | | | | | | 40 | 40 | 66 | 37 |
| 28/ 27 | .1 | 2.4 | 1.7 | .6 | | | | | | | | | | | | | | 45 | 45 | 44 | 35 |
| 26/ 25 | | 1.4 | .8 | .1 | | | | | | | | | | | | | | 21 | 21 | 64 | 50 |
| 24/ 23 | | .6 | .9 | .2 | | | | | | | | | | | | | | 16 | 16 | 29 | 22 |
| 22/ 21 | | .5 | 1.0 | .1 | | | | | | | | | | | | | | 15 | 15 | 14 | 32 |
| 20/ 19 | | .8 | .1 | | | | | | | | | | | | | | | 8 | 8 | 18 | 36 |
| 18/ 17 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 13 | 39 |
| 16/ 15 | | .2 | .4 | | | | | | | | | | | | | | | 6 | 6 | 4 | 32 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 24 |
| 12/ 11 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 14 |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 14 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 2 | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 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 AK 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| C/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 12.2 | 52.5 | 25.3 | 7.8 | 1.9 | .3 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6195321 | 74519 | 80.1 | 15.537 | 930 | | | | | | | |
| Dry Bulb | 1809478 | 39374 | 42.3 | 12.384 | 930 | | 23.7 | 1.8 | | | | 93 |
| Wet Bulb | 1656387 | 37333 | 40.1 | 13.030 | 930 | | 31.6 | .5 | | | | 93 |
| Dew Point | 1465226 | 33814 | 36.4 | 15.931 | 930 | .8 | 40.4 | .5 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Poin. |
| 76/ 75 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | .1 | .4 | .1 | .2 | .2 | .1 | | | | | | | | | | | 11 | 11 | 2 | |
| 70/ 69 | | .9 | .9 | .4 | | .3 | | | | | | | | | | | | 23 | 23 | 7 | 4 |
| 68/ 67 | .2 | 1.0 | .8 | .3 | .3 | .1 | | | | | | | | | | | | 25 | 25 | 15 | 15 |
| 66/ 65 | .4 | 1.3 | .3 | .3 | .3 | .1 | | | | | | | | | | | | 26 | 26 | 24 | 14 |
| 64/ 63 | .1 | 2.5 | .2 | 1.2 | .2 | .1 | .2 | .1 | | | | | | | | | | 43 | 43 | 24 | 17 |
| 62/ 61 | .6 | 1.5 | .5 | .6 | .3 | .5 | | .1 | | | | | | | | | | 40 | 40 | 35 | 38 |
| 60/ 59 | .2 | 2.5 | .6 | .5 | .9 | .5 | | .1 | | | | | | | | | | 50 | 50 | 35 | 29 |
| 58/ 57 | .3 | 1.4 | .8 | .4 | .2 | .1 | .1 | | | | | | | | | | | 31 | 31 | 47 | 29 |
| 56/ 55 | .4 | 1.7 | .9 | 1.1 | .3 | .6 | .1 | | | | | | | | | | | 48 | 48 | 24 | 26 |
| 54/ 53 | .6 | 1.8 | 1.3 | .8 | .4 | .4 | .2 | | | | | | | | | | | 52 | 52 | 42 | 38 |
| 52/ 51 | .2 | 1.6 | 1.6 | .4 | 1.3 | .2 | .3 | | | | | | | | | | | 53 | 53 | 53 | 44 |
| 50/ 49 | .2 | 1.5 | 1.4 | .6 | .4 | .5 | .2 | .3 | | | | | | | | | | 49 | 49 | 45 | 31 |
| 48/ 47 | .5 | 2.0 | .4 | .8 | 1.0 | .9 | .3 | | | | | | | | | | | 55 | 55 | 54 | 33 |
| 46/ 45 | .3 | 2.2 | 1.5 | 1.0 | .6 | 1.1 | .3 | | | | | | | | | | | 65 | 65 | 44 | 48 |
| 44/ 43 | .2 | 1.0 | .8 | 1.4 | .9 | .9 | | | | | | | | | | | | 47 | 47 | 50 | 43 |
| 42/ 41 | .3 | .6 | .9 | 2.0 | 1.5 | .5 | | | | | | | | | | | | 55 | 55 | 34 | 35 |
| 40/ 39 | .2 | 1.1 | 1.7 | .8 | 2.0 | .4 | | | | | | | | | | | | 58 | 58 | 43 | 26 |
| 38/ 37 | | 1.1 | 1.1 | .9 | 1.0 | .1 | | | | | | | | | | | | 38 | 38 | 51 | 26 |
| 36/ 35 | | .8 | 1.6 | 2.2 | .9 | .1 | | | | | | | | | | | | 51 | 51 | 67 | 29 |
| 34/ 33 | | .5 | 1.4 | 1.2 | .8 | | | | | | | | | | | | | 36 | 36 | 46 | 32 |
| 32/ 31 | .4 | .4 | .6 | 1.3 | .4 | | | | | | | | | | | | | 30 | 30 | 62 | 46 |
| 30/ 29 | | | .2 | .8 | .1 | | | | | | | | | | | | | 10 | 10 | 41 | 34 |
| 28/ 27 | | | .8 | .8 | | | | | | | | | | | | | | 14 | 14 | 30 | 30 |
| 26/ 25 | | | .5 | .2 | | | | | | | | | | | | | | 7 | 7 | 18 | 36 |
| 24/ 23 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 17 | 21 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 9 | 28 |
| 20/ 19 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 3 | 46 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 22 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 27 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 19 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 9 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 5.5 | 27.5 | 22.2 | 20.3 | 14.1 | 7.8 | 1.9 | .6 | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4806788 | 64064 | 68.9 | 20.585 | 930 | | | | | | | |
| Dry Bulb | 2320171 | 45185 | 48.6 | 11.591 | 930 | | 7.1 | 6.2 | .3 | | | 93 |
| Wet Bulb | 1957152 | 41104 | 44.2 | 12.295 | 930 | | 18.8 | 2.4 | | | | 93 |
| Dew Point | 1588580 | 35216 | 37.9 | 16.570 | 930 | .3 | 37.3 | 1.9 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .3 | .3 | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | | | .6 | .2 | .3 | | | | | | | | | | | 11 | 11 | | |
| 76/ 75 | | | | .2 | .8 | .6 | .1 | .1 | .2 | | | | | | | | | 19 | 19 | | |
| 74/ 73 | | | .3 | .4 | .4 | .9 | .5 | .2 | .2 | | | | | | | | | 28 | 28 | | |
| 72/ 71 | | .2 | .4 | .4 | .2 | .5 | .5 | .1 | | | | | | | | | | 23 | 23 | 4 | |
| 70/ 69 | | .3 | .4 | .3 | .4 | .9 | .4 | .3 | | .2 | .1 | | | | | | | 32 | 32 | 19 | 1 |
| 68/ 67 | .1 | .5 | .4 | .8 | .6 | .8 | .4 | .1 | .1 | .1 | .1 | | | | | | | 38 | 38 | 25 | 13 |
| 66/ 65 | | 1.2 | 1.0 | 1.2 | .5 | 1.0 | 1.3 | .5 | .6 | .1 | | | | | | | | 69 | 69 | 33 | 23 |
| 64/ 63 | .2 | 1.4 | .5 | .3 | .4 | 1.2 | 1.5 | .4 | .2 | | | | | | | | | 58 | 58 | 34 | 22 |
| 62/ 61 | .1 | .8 | | .8 | .9 | 1.1 | .3 | .1 | | .1 | | | | | | | | 38 | 38 | 43 | 38 |
| 60/ 59 | .1 | 1.2 | .6 | .6 | .4 | .3 | | .9 | .1 | | | | | | | | | 40 | 40 | 44 | 33 |
| 58/ 57 | | .8 | 1.0 | .8 | .4 | .6 | 1.0 | .8 | .1 | | | | | | | | | 50 | 50 | 28 | 24 |
| 56/ 55 | .3 | 1.0 | .8 | .3 | .3 | 1.4 | 1.4 | .4 | .3 | | | | | | | | | 58 | 58 | 43 | 35 |
| 54/ 53 | .3 | .9 | 1.5 | .2 | .2 | .5 | .6 | 1.5 | .1 | | | | | | | | | 55 | 55 | 72 | 30 |
| 52/ 51 | | 1.1 | .9 | .4 | .6 | .5 | 1.0 | .5 | .1 | | | | | | | | | 50 | 50 | 52 | 35 |
| 50/ 49 | .1 | 1.3 | .3 | .8 | .5 | .9 | 1.5 | .9 | | | | | | | | | | 58 | 58 | 49 | 38 |
| 48/ 47 | .6 | .5 | .4 | .3 | 1.1 | .3 | 1.2 | .1 | | | | | | | | | | 43 | 43 | 38 | 61 |
| 46/ 45 | .2 | .8 | .6 | .9 | .9 | 1.6 | 1.6 | | | | | | | | | | | 61 | 61 | 47 | 37 |
| 44/ 43 | | .4 | .4 | .9 | 1.0 | 1.5 | .4 | | | | | | | | | | | 43 | 43 | 51 | 29 |
| 42/ 41 | .1 | .6 | .5 | .8 | 1.0 | 1.0 | .2 | | | | | | | | | | | 39 | 39 | 40 | 38 |
| 40/ 39 | .1 | .2 | 1.2 | .4 | .4 | 1.2 | .1 | | | | | | | | | | | 34 | 34 | 57 | 25 |
| 38/ 37 | | .1 | .5 | .6 | .9 | .8 | | | | | | | | | | | | 27 | 27 | 55 | 23 |
| 36/ 35 | | | .2 | .8 | .9 | .1 | | | | | | | | | | | | 18 | 18 | 61 | 26 |
| 34/ 33 | | .3 | .3 | .2 | .5 | | | | | | | | | | | | | 13 | 13 | 41 | 30 |
| 32/ 31 | | .1 | .1 | .3 | .4 | | | | | | | | | | | | | 9 | 9 | 30 | 37 |
| 30/ 29 | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 30 | 42 |
| 28/ 27 | | .1 | | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 18 | 31 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 7 | 19 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 23 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 26 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 18 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.4 | 13.9 | 12.7 | 13.2 | 14.6 | 18.2 | 14.8 | 7.1 | 2.4 | .5 | .2 | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3485572 | 53038 | 57.0 | 22.272 | 930 | | | | | | | |
| Dry Bulb | 2924340 | 51022 | 54.9 | 11.607 | 930 | | 1.8 | 15.8 | 6.5 | .4 | | 93 |
| Wet Bulb | 2225476 | 44186 | 47.5 | 11.651 | 930 | | 9.4 | 4.8 | | | | 93 |
| Dew Point | 1619639 | 35475 | 38.1 | 16.935 | 930 | .2 | 36.9 | 1.4 | | | | 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

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | .3 | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | | | .1 | .5 | .9 | | | .2 | | | | | | | | 16 | 16 | | |
| 76/ 75 | | | | .2 | .8 | .5 | .4 | .2 | .1 | | | | | | | | | 21 | 21 | | |
| 74/ 73 | | | | .5 | .4 | .5 | .2 | .1 | .1 | | | | | | | | | 18 | 18 | | |
| 72/ 71 | | | .4 | .3 | .4 | .5 | .8 | .3 | .1 | | | | | | | | | 27 | 27 | | |
| 70/ 69 | | .4 | .8 | .4 | .6 | .9 | .3 | .3 | | .2 | .2 | | | | | | | 39 | 39 | 11 | 1 |
| 68/ 67 | | .8 | .2 | .8 | .8 | .3 | 1.1 | | | .4 | | | | | | | | 40 | 40 | 30 | 4 |
| 66/ 65 | | .6 | .8 | .6 | .8 | .8 | 1.6 | .4 | .2 | | | | | | | | | 54 | 54 | 26 | 20 |
| 64/ 63 | .3 | 1.6 | .5 | .6 | .9 | 1.7 | 1.0 | .5 | .2 | | | | | | | | | 69 | 69 | 45 | 30 |
| 62/ 61 | .3 | 1.5 | .3 | .2 | .8 | .8 | .5 | | .2 | .1 | | | | | | | | 44 | 44 | 38 | 28 |
| 60/ 59 | .2 | 1.1 | .3 | .8 | .4 | .6 | .4 | .0 | .5 | | | | | | | | | 48 | 48 | 53 | 42 |
| 58/ 57 | .4 | 1.1 | .4 | .8 | .5 | .4 | .9 | 1.1 | .3 | | | | | | | | | 55 | 55 | 45 | 42 |
| 56/ 55 | | .5 | 1.2 | .5 | .4 | .5 | 1.0 | 1.1 | .3 | | | | | | | | | 52 | 52 | 42 | 25 |
| 54/ 53 | .3 | 1.3 | 1.1 | .2 | .5 | .8 | .8 | 1.0 | .2 | | | | | | | | | 57 | 57 | 65 | 36 |
| 52/ 51 | | .8 | 1.0 | .1 | .5 | 1.1 | .9 | .9 | | | | | | | | | | 48 | 48 | 49 | 27 |
| 50/ 49 | .5 | .5 | .4 | .4 | 1.1 | .4 | 1.4 | .9 | | | | | | | | | | 53 | 53 | 50 | 36 |
| 48/ 47 | | .4 | .3 | .5 | .6 | 1.0 | 1.2 | .1 | | | | | | | | | | 39 | 39 | 35 | 55 |
| 46/ 45 | .3 | .8 | .3 | .5 | .8 | 1.2 | 1.3 | | | | | | | | | | | 48 | 48 | 40 | 55 |
| 44/ 43 | | .6 | .8 | 1.1 | .8 | 1.7 | .3 | | | | | | | | | | | 49 | 49 | 52 | 26 |
| 42/ 41 | | .6 | .3 | .9 | .4 | 1.1 | .8 | | | | | | | | | | | 38 | 38 | 46 | 30 |
| 40/ 39 | .2 | .1 | 1.2 | .5 | 1.0 | 1.2 | .2 | | | | | | | | | | | 41 | 41 | 55 | 19 |
| 38/ 37 | | .3 | .5 | .8 | .6 | 1.0 | | | | | | | | | | | | 30 | 30 | 58 | 32 |
| 36/ 35 | | .2 | .2 | .4 | .5 | .2 | | | | | | | | | | | | 14 | 14 | 60 | 32 |
| 34/ 33 | | .1 | .1 | .3 | .5 | .2 | | | | | | | | | | | | 12 | 12 | 34 | 25 |
| 32/ 31 | | .1 | .1 | .2 | .6 | | | | | | | | | | | | | 10 | 10 | 35 | 29 |
| 30/ 29 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 26 | 40 |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 36 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 9 | 21 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 11 | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 39 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 45 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 31 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 27 |

| Element (X) | $\Sigma_X^2$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 16 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 14 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 12 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.7 | 13.5 | 11.5 | 12.2 | 14.8 | 18.0 | 16.1 | 7.6 | 2.4 | 1.0 | .2 | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3442614 | 52548 | 56.5 | 22.576 | 930 | | | | | | | |
| Dry Bulb | 2948593 | 51269 | 55.1 | 11.471 | 930 | | 1.5 | 16.4 | 5.8 | .1 | | 93 |
| Wet Bulb | 2231758 | 44274 | 47.6 | 11.555 | 930 | | 9.6 | 4.1 | | | | 93 |
| Dew Point | 1616062 | 35410 | 38.1 | 16.979 | 930 | .2 | 36.5 | .5 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | .5 | .2 | .2 | | | | | | | | | | | | | 9 | 9 | | |
| 70/ 69 | | .2 | 1.1 | .2 | | | | | | | | | | | | | | 14 | 14 | 1 | |
| 68/ 67 | | .6 | 1.2 | .4 | .3 | | .1 | | | | | | | | | | | 25 | 25 | 7 | 4 |
| 66/ 65 | .2 | 1.4 | 1.1 | .1 | .6 | .5 | | | | | | | | | | | | 37 | 37 | 25 | 12 |
| 64/ 63 | .6 | 2.0 | .9 | .9 | .4 | .1 | | | | | | | | | | | | 46 | 46 | 32 | 31 |
| 62/ 61 | 1.0 | 1.9 | 1.1 | 1.0 | .6 | .1 | | | | | | | | | | | | 53 | 53 | 46 | 34 |
| 60/ 59 | .4 | 1.6 | 1.5 | .8 | 1.0 | .2 | .1 | | .1 | | | | | | | | | 53 | 53 | 42 | 45 |
| 58/ 57 | .5 | 1.4 | .4 | 1.9 | 1.0 | .4 | | | | | | | | | | | | 53 | 53 | 39 | 28 |
| 56/ 55 | .4 | 1.6 | 1.0 | .8 | .6 | .1 | .2 | .1 | | | | | | | | | | 45 | 45 | 45 | 26 |
| 54/ 53 | | 1.0 | 2.6 | 1.2 | .8 | .2 | .8 | | | | | | | | | | | 60 | 60 | 41 | 38 |
| 52/ 51 | .3 | .8 | 1.8 | 1.0 | .6 | .6 | .5 | | | | | | | | | | | 53 | 53 | 45 | 29 |
| 50/ 49 | .3 | 1.2 | .8 | .9 | .9 | 1.1 | .3 | | | | | | | | | | | 50 | 50 | 59 | 22 |
| 48/ 47 | .4 | 1.1 | 1.2 | 1.0 | .9 | 1.0 | .5 | | | | | | | | | | | 56 | 56 | 44 | 63 |
| 46/ 45 | .2 | .6 | .5 | .9 | 1.0 | 1.2 | .2 | | | | | | | | | | | 43 | 43 | 36 | 57 |
| 44/ 43 | .2 | 1.6 | .9 | 1.3 | 1.3 | .6 | | | | | | | | | | | | 55 | 55 | 45 | 28 |
| 42/ 41 | | .4 | .6 | 1.3 | 1.9 | .6 | | | | | | | | | | | | 46 | 46 | 44 | 29 |
| 40/ 39 | | 1.2 | 1.4 | .8 | 2.0 | .1 | | | | | | | | | | | | 51 | 51 | 49 | 30 |
| 38/ 37 | | .6 | 1.8 | 1.3 | 1.2 | | | | | | | | | | | | | 46 | 46 | 53 | 30 |
| 36/ 35 | | .5 | .9 | 1.5 | 1.1 | .2 | | | | | | | | | | | | 39 | 39 | 51 | 26 |
| 34/ 33 | | .6 | 1.0 | 1.3 | 1.0 | | | | | | | | | | | | | 36 | 36 | 61 | 33 |
| 32/ 31 | | | 1.1 | 1.4 | .9 | | | | | | | | | | | | | 31 | 31 | 42 | 25 |
| 30/ 29 | | | .3 | .8 | .2 | | | | | | | | | | | | | 12 | 12 | 37 | 38 |
| 28/ 27 | | | | .4 | | | | | | | | | | | | | | 4 | 4 | 33 | 43 |
| 26/ 25 | | | .3 | .5 | | | | | | | | | | | | | | 8 | 8 | 27 | 22 |
| 24/ 23 | | | .5 | | | | | | | | | | | | | | | 5 | 5 | 11 | 22 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 11 | 44 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 4 | 41 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 23 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

J3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.7 | 20.5 | 24.4 | 21.6 | 18.5 | 7.2 | 2.8 | .1 | .1 | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 4530193 | 62239 | 66.9 | 19.820 | 930 | | | | | | | |
| Dry Bulb | 2393307 | 46037 | 49.5 | 11.096 | 930 | | 6.0 | 4.8 | | | | 93 |
| Wet Bulb | 1992068 | 41584 | 44.7 | 11.951 | 930 | | 16.5 | .8 | | | | 93 |
| Dew Point | 1592335 | 35389 | 38.1 | 16.262 | 930 | | 36.5 | .4 | | | | 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | |
| 68/ 67 | | .5 | .4 | .1 | | | | | | | | | | | | | | 10 | 10 | 1 | 3 |
| 66/ 65 | .5 | 1.9 | .1 | .1 | | | | | | | | | | | | | | 25 | 25 | 17 | 11 |
| 64/ 63 | .4 | 2.3 | .1 | .2 | | | | | | | | | | | | | | 28 | 28 | 23 | 25 |
| 62/ 61 | 1.0 | 2.2 | .5 | .4 | | | | | | | | | | | | | | 38 | 38 | 35 | 26 |
| 60/ 59 | 1.4 | 3.1 | 1.8 | .4 | .1 | | | | | | | | | | | | | 64 | 64 | 37 | 44 |
| 58/ 57 | 1.3 | 1.2 | .8 | 1.0 | .2 | | .1 | | | | | | | | | | | 42 | 42 | 47 | 23 |
| 56/ 55 | .2 | 2.2 | 1.7 | .4 | .1 | .1 | .1 | | | | | | | | | | | 45 | 45 | 28 | 29 |
| 54/ 53 | .5 | 1.3 | 1.7 | .5 | .2 | .3 | .1 | | | | | | | | | | | 44 | 44 | 42 | 39 |
| 52/ 51 | 1.1 | 2.4 | 1.8 | 1.1 | .2 | .2 | .1 | | | | | | | | | | | 64 | 64 | 54 | 40 |
| 50/ 49 | .2 | 1.9 | 1.4 | .6 | .2 | .5 | | | | | | | | | | | | 46 | 46 | 54 | 34 |
| 48/ 47 | | 1.8 | 1.1 | .6 | 1.0 | .1 | | | | | | | | | | | | 43 | 43 | 30 | 42 |
| 46/ 45 | | 1.2 | 2.3 | 1.1 | .8 | .1 | | | | | | | | | | | | 50 | 50 | 42 | 45 |
| 44/ 43 | .1 | 2.0 | 1.8 | 1.0 | .5 | .3 | | | | | | | | | | | | 54 | 54 | 39 | 23 |
| 42/ 41 | .4 | 1.3 | 1.5 | 1.3 | .8 | .1 | | | | | | | | | | | | 50 | 50 | 53 | 37 |
| 40/ 39 | .1 | .9 | 1.9 | 1.6 | 2.3 | | | | | | | | | | | | | 63 | 63 | 50 | 37 |
| 38/ 37 | | 1.1 | 1.2 | 1.7 | .5 | | | | | | | | | | | | | 42 | 42 | 44 | 31 |
| 36/ 35 | | 1.7 | 2.3 | 1.5 | .1 | | | | | | | | | | | | | 52 | 52 | 51 | 29 |
| 34/ 33 | | 1.0 | 1.7 | 1.9 | .1 | | | | | | | | | | | | | 40 | 40 | 52 | 29 |
| 32/ 31 | | 1.3 | 2.4 | 1.4 | .2 | | | | | | | | | | | | | 49 | 49 | 65 | 42 |
| 30/ 29 | | .2 | 1.7 | 1.8 | .2 | | | | | | | | | | | | | 37 | 37 | 38 | 48 |
| 28/ 27 | | .1 | .9 | .9 | | | | | | | | | | | | | | 17 | 17 | 40 | 39 |
| 26/ 25 | | | 1.0 | .3 | | | | | | | | | | | | | | 12 | 12 | 34 | 40 |
| 24/ 23 | | | .6 | .1 | | | | | | | | | | | | | | 7 | 7 | 23 | 25 |
| 22/ 21 | | | .5 | | | | | | | | | | | | | | | 5 | 5 | 16 | 30 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 10 | 42 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 29 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 21 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 16 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 12 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 15 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JAN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 2/ TOTAL | 7.3 | 31.8 | 31.3 | 19.8 | 7.5 | 1.8 | .4 | | | | | | | | | | | | 930 | | | 2 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5339209 | 68461 | 73.6 | 17.956 | 930 | | | | | | | |
| Dry Bulb | 2095335 | 42937 | 46.2 | 11.222 | 930 | | 12.7 | 1.3 | | | | 93 |
| Wet Bulb | 1838537 | 39777 | 42.8 | 12.154 | 930 | | 22.9 | .3 | | | | 93 |
| Dew Point | 1551137 | 35023 | 37.7 | 15.810 | 930 | | 38.3 | .3 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .0 | .1 | | | | | | | | | | | 9 | 9 | | |
| 78/ 77 | | | | | .1 | .1 | .1 | | | .0 | | | | | | | | 27 | 27 | | |
| 76/ 75 | | | .0 | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | 41 | 41 | | |
| 74/ 73 | | | .1 | .1 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | 48 | 48 | | |
| 72/ 71 | | .0 | .2 | .1 | .1 | .2 | .2 | .1 | .0 | | | | | | | | | 70 | 70 | 6 | |
| 70/ 69 | | .4 | .4 | .2 | .1 | .3 | .1 | .1 | | .1 | .0 | | | | | | | 123 | 123 | 42 | 7 |
| 68/ 67 | .1 | .8 | .4 | .3 | .3 | .1 | .2 | .0 | .0 | .1 | .0 | | | | | | | 175 | 175 | 96 | 58 |
| 66/ 65 | .3 | 1.5 | .4 | .3 | .3 | .3 | .4 | .1 | .1 | .0 | | | | | | | | 278 | 278 | 194 | 129 |
| 64/ 63 | .6 | 1.9 | .3 | .4 | .2 | .4 | .3 | .1 | .1 | | | | | | | | | 329 | 329 | 223 | 197 |
| 62/ 61 | .6 | 1.8 | .4 | .4 | .3 | .3 | .1 | .0 | .0 | .0 | | | | | | | | 295 | 295 | 275 | 227 |
| 60/ 59 | .6 | 2.0 | .7 | .5 | .3 | .2 | .1 | .2 | .1 | | | | | | | | | 356 | 356 | 287 | 277 |
| 58/ 57 | .6 | 1.3 | .5 | .7 | .3 | .2 | .3 | .2 | .1 | | | | | | | | | 310 | 310 | 296 | 224 |
| 56/ 55 | .5 | 1.6 | .9 | .4 | .2 | .4 | .3 | .2 | .1 | | | | | | | | | 350 | 350 | 263 | 221 |
| 54/ 53 | .6 | 1.5 | 1.3 | .5 | .3 | .3 | .3 | .3 | .0 | | | | | | | | | 380 | 380 | 367 | 260 |
| 52/ 51 | .8 | 1.8 | 1.2 | .4 | .4 | .4 | .3 | .2 | .0 | | | | | | | | | 412 | 412 | 388 | 310 |
| 50/ 49 | .6 | 1.7 | .9 | .5 | .4 | .6 | .4 | .3 | | | | | | | | | | 390 | 390 | 372 | 267 |
| 48/ 47 | .4 | 1.8 | .7 | .5 | .6 | .4 | .4 | .0 | | | | | | | | | | 362 | 362 | 320 | 344 |
| 46/ 45 | .2 | 1.6 | 1.2 | .8 | .6 | .7 | .4 | | | | | | | | | | | 411 | 411 | 328 | 355 |
| 44/ 43 | .2 | 2.0 | 1.0 | .9 | .6 | .6 | .1 | | | | | | | | | | | 411 | 411 | 349 | 269 |
| 42/ 41 | .4 | 1.5 | 1.0 | 1.0 | .8 | .4 | .1 | | | | | | | | | | | 379 | 379 | 400 | 279 |
| 40/ 39 | .3 | 1.3 | 1.7 | .8 | 1.0 | .4 | .0 | | | | | | | | | | | 411 | 411 | 405 | 266 |
| 38/ 37 | .1 | 1.2 | 1.4 | .9 | .6 | .2 | | | | | | | | | | | | 333 | 333 | 387 | 239 |
| 36/ 35 | .0 | .9 | 1.5 | 1.3 | .5 | .1 | | | | | | | | | | | | 318 | 318 | 428 | 238 |
| 34/ 33 | .0 | .9 | 1.6 | .8 | .4 | .0 | | | | | | | | | | | | 284 | 284 | 345 | 247 |
| 32/ 31 | .2 | 1.4 | 1.5 | 1.0 | .3 | | | | | | | | | | | | | 329 | 329 | 392 | 299 |
| 30/ 29 | | .7 | 1.3 | .8 | .1 | | | | | | | | | | | | | 207 | 207 | 360 | 304 |
| 28/ 27 | .0 | .7 | .9 | .5 | .0 | | | | | | | | | | | | | 164 | 164 | 276 | 305 |
| 26/ 25 | | .3 | .6 | .2 | | | | | | | | | | | | | | 88 | 88 | 265 | 253 |
| 24/ 23 | | .2 | .5 | .1 | | | | | | | | | | | | | | 54 | 54 | 151 | 179 |
| 22/ 21 | | .1 | .4 | .0 | | | | | | | | | | | | | | 42 | 42 | 95 | 279 |
| 20/ 19 | | .2 | .1 | | | | | | | | | | | | | | | 21 | 21 | 59 | 338 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 11 | 11 | 37 | 248 |
| 16/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 11 | 11 | 13 | 173 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JAN MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | | 7 | 180 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | | 8 | 148 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | | 3 | 107 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 | 80 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 52 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 34 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 28 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 13 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 7.2 | 31.6 | 23.2 | 14.6 | 9.3 | 6.8 | 4.5 | 1.9 | .6 | .2 | .1 | | | | | | | | | 7440 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | | 7440 | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 39866607 | 521619 | 70.1 | 21.049 | 7440 | | | | | | | |
| Dry Bulb | 18282834 | 356726 | 47.9 | 12.589 | 7440 | | 93.7 | 49.4 | 12.6 | .5 | | 744 |
| Wet Bulb | 15340214 | 324632 | 43.6 | 12.570 | 7440 | | 166.9 | 14.4 | | | | 744 |
| Dew Point | 12454930 | 279238 | 37.5 | 16.293 | 7440 | 1.9 | 302.6 | 6.5 | | | | 744 |

FORM AS #4 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | .7 | .1 | | | | | | | | | | | | | | | 7 | 7 | 2 | |
| 68/ 67 | | 1.7 | .2 | | | | | | | | | | | | | | | 16 | 16 | 11 | 6 |
| 66/ 65 | .1 | 1.2 | .7 | | | | | | | | | | | | | | | 17 | 17 | 15 | 18 |
| 64/ 63 | .1 | 2.6 | | | | | | | | | | | | | | | | 23 | 23 | 14 | 12 |
| 62/ 61 | 1.1 | 1.7 | | .1 | | | | | | | | | | | | | | 24 | 24 | 40 | 31 |
| 60/ 59 | .7 | 1.5 | .5 | .1 | .4 | | | | | | | | | | | | | 27 | 27 | 17 | 27 |
| 58/ 57 | .7 | 2.0 | .9 | .4 | | | | | | | | | | | | | | 34 | 34 | 21 | 18 |
| 56/ 55 | .7 | 1.1 | .9 | .1 | | | | | | | | | | | | | | 24 | 24 | 22 | 15 |
| 54/ 53 | | 1.7 | .8 | .4 | .1 | | | | | | | | | | | | | 25 | 25 | 25 | 19 |
| 52/ 51 | .4 | 1.5 | 1.5 | .7 | .2 | .1 | | | | | | | | | | | | 38 | 38 | 30 | 25 |
| 50/ 49 | 1.5 | 1.8 | 2.4 | .8 | .7 | .4 | .1 | | | | | | | | | | | 65 | 65 | 36 | 39 |
| 48/ 47 | .8 | 1.5 | 1.9 | 1.4 | .2 | | | | | | | | | | | | | 50 | 50 | 42 | 25 |
| 46/ 45 | .2 | 1.8 | 2.6 | .5 | .7 | | | | | | | | | | | | | 49 | 49 | 34 | 31 |
| 44/ 43 | .2 | 1.5 | 2.1 | 1.7 | .6 | | | | | | | | | | | | | 52 | 52 | 53 | 25 |
| 42/ 41 | .5 | 1.3 | 4.3 | 2.4 | .8 | | | | | | | | | | | | | 78 | 78 | 50 | 27 |
| 40/ 39 | .6 | 1.9 | 2.8 | 1.9 | .6 | | | | | | | | | | | | | 66 | 66 | 56 | 47 |
| 38/ 37 | .9 | 1.8 | 3.3 | 1.9 | 1.1 | | | | | | | | | | | | | 76 | 76 | 73 | 39 |
| 36/ 35 | .2 | 1.2 | 1.9 | 2.0 | .6 | | | | | | | | | | | | | 50 | 50 | 66 | 52 |
| 34/ 33 | .5 | 1.4 | 1.4 | .9 | | | | | | | | | | | | | | 36 | 36 | 70 | 52 |
| 32/ 31 | .2 | 2.4 | 2.2 | .7 | | | | | | | | | | | | | | 47 | 47 | 49 | 59 |
| 30/ 29 | | .5 | 1.1 | | | | | | | | | | | | | | | 13 | 13 | 41 | 41 |
| 28/ 27 | | .6 | 1.4 | .2 | | | | | | | | | | | | | | 19 | 19 | 42 | 49 |
| 26/ 25 | | .1 | .6 | | | | | | | | | | | | | | | 6 | 6 | 17 | 40 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 15 | 20 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 28 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 15 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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 AA 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 9.6 | 33.5 | 34.2 | 16.2 | 6.0 | .5 | .1 | | | | | | | | | | | 846 | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 5102398 | 64238 | 75.9 | 16.307 | 846 | | | | | | | |
| Dry Bulb | 1821770 | 38258 | 45.2 | 10.415 | 846 | | 8.7 | 2.4 | | | | 84 |
| Wet Bulb | 1608302 | 35658 | 42.1 | 11.166 | 846 | | 16.8 | 1.3 | | | | 84 |
| Dew Point | 1365328 | 31856 | 37.7 | 14.007 | 846 | | 33.6 | .6 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 68/ 67 | | 1.4 | | | | | | | | | | | | | | | | 12 | 12 | 7 | 4 |
| 66/ 65 | .2 | .9 | .4 | | | | | | | | | | | | | | | 13 | 13 | 15 | 16 |
| 64/ 63 | .2 | 2.1 | .1 | .1 | | | | | | | | | | | | | | 22 | 22 | 15 | 14 |
| 62/ 61 | 1.3 | 2.1 | .2 | | | | | | | | | | | | | | | 31 | 31 | 36 | 28 |
| 60/ 59 | .2 | 1.5 | .5 | .1 | | | | | | | | | | | | | | 20 | 20 | 13 | 21 |
| 58/ 57 | .5 | 1.1 | .9 | .1 | | | | | | | | | | | | | | 22 | 22 | 19 | 18 |
| 56/ 55 | .4 | 2.4 | .5 | | | | | | | | | | | | | | | 27 | 27 | 17 | 15 |
| 54/ 53 | .7 | 1.7 | .6 | | | | | | | | | | | | | | | 25 | 25 | 37 | 22 |
| 52/ 51 | .4 | 2.0 | .6 | | | | | | | | | | | | | | | 25 | 25 | 23 | 31 |
| 50/ 49 | .7 | 2.7 | 1.3 | .2 | | .4 | | | | | | | | | | | | 45 | 45 | 31 | 29 |
| 48/ 47 | .8 | 2.4 | 2.4 | .7 | | | | | | | | | | | | | | 53 | 53 | 34 | 30 |
| 46/ 45 | .6 | 2.4 | 2.0 | .6 | | | | | | | | | | | | | | 47 | 47 | 37 | 31 |
| 44/ 43 | .1 | 2.7 | 2.4 | .4 | .5 | | | | | | | | | | | | | 51 | 51 | 45 | 19 |
| 42/ 41 | .7 | 2.0 | 2.1 | .5 | .6 | | | | | | | | | | | | | 50 | 50 | 46 | 36 |
| 40/ 39 | .6 | 2.7 | 3.1 | 1.3 | .6 | | | | | | | | | | | | | 70 | 70 | 56 | 43 |
| 38/ 37 | .7 | 1.9 | 4.0 | 1.3 | .1 | | | | | | | | | | | | | 68 | 68 | 52 | 50 |
| 36/ 35 | .7 | 3.1 | 3.2 | 1.2 | | | | | | | | | | | | | | 69 | 69 | 60 | 40 |
| 34/ 33 | .1 | 2.5 | 2.2 | 1.4 | .2 | | | | | | | | | | | | | 55 | 55 | 80 | 41 |
| 32/ 31 | .2 | 2.8 | 2.4 | 1.3 | .1 | | | | | | | | | | | | | 58 | 58 | 58 | 61 |
| 30/ 29 | .1 | 1.8 | 1.9 | .2 | | | | | | | | | | | | | | 34 | 34 | 52 | 38 |
| 28/ 27 | .2 | 1.2 | .7 | | | | | | | | | | | | | | | 18 | 18 | 47 | 46 |
| 26/ 25 | | .6 | 1.4 | | | | | | | | | | | | | | | 17 | 17 | 37 | 48 |
| 24/ 23 | | .2 | .4 | | | | | | | | | | | | | | | 5 | 5 | 11 | 24 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 14 | 33 |
| 20/ 19 | | | .4 | | | | | | | | | | | | | | | 3 | 3 | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |

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

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 9.6 | 44.4 | 34.0 | 9.5 | 2.1 | .4 | | | | | | | | | | | | 846 | 846 | 846 | 846 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5497488 | 67006 | 79.2 | 15.010 | 846 | | | | | | | |
| Dry Bulb | 1688806 | 36670 | 43.3 | 10.843 | 846 | | 13.4 | 1.8 | | | | 84 |
| Wet Bulb | 1523396 | 34570 | 40.9 | 11.449 | 846 | | 22.0 | .8 | | | | 84 |
| Dew Point | 1326125 | 31327 | 37.0 | 14.020 | 846 | | 35.5 | .4 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | .5 | .1 | | | | | | | | | | | | | | | 5 | 5 | 4 | 1 |
| 68/ 67 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 5 | 4 |
| 66/ 65 | .2 | .7 | .1 | | | | | | | | | | | | | | | 9 | 9 | 10 | 13 |
| 64/ 63 | | 1.3 | | | | | | | | | | | | | | | | 11 | 11 | 8 | 8 |
| 62/ 61 | 1.4 | 1.3 | .1 | | | | | | | | | | | | | | | 24 | 24 | 25 | 21 |
| 60/ 59 | .7 | 2.0 | .7 | | | | | | | | | | | | | | | 29 | 29 | 16 | 18 |
| 58/ 57 | .2 | 2.7 | .8 | | | | | | | | | | | | | | | 32 | 32 | 24 | 13 |
| 56/ 55 | .4 | 1.3 | .8 | .4 | .2 | | | | | | | | | | | | | 26 | 26 | 31 | 29 |
| 54/ 53 | 1.2 | 1.9 | 1.1 | .5 | | | | | | | | | | | | | | 39 | 39 | 28 | 31 |
| 52/ 51 | .5 | 2.5 | 1.1 | .1 | .1 | | | | | | | | | | | | | 36 | 36 | 35 | 24 |
| 50/ 49 | .6 | 1.4 | 2.0 | .2 | | .4 | | | | | | | | | | | | 39 | 39 | 33 | 34 |
| 48/ 47 | .6 | 2.0 | 2.1 | .5 | | | | | | | | | | | | | | 44 | 44 | 30 | 23 |
| 46/ 45 | 1.4 | 3.0 | 2.1 | .7 | .1 | | | | | | | | | | | | | 62 | 62 | 52 | 36 |
| 44/ 43 | .4 | 2.0 | 2.0 | .8 | .2 | | | | | | | | | | | | | 46 | 46 | 45 | 34 |
| 42/ 41 | .1 | 1.9 | 2.4 | 1.2 | .4 | | | | | | | | | | | | | 50 | 50 | 41 | 40 |
| 40/ 39 | .6 | 1.9 | 2.8 | 2.0 | | | | | | | | | | | | | | 62 | 62 | 48 | 37 |
| 38/ 37 | .7 | 2.4 | 3.3 | .9 | | | | | | | | | | | | | | 62 | 62 | 55 | 36 |
| 36/ 35 | .6 | 2.7 | 3.4 | 1.4 | .2 | | | | | | | | | | | | | 71 | 71 | 63 | 48 |
| 34/ 33 | .6 | 2.2 | 2.7 | .6 | | | | | | | | | | | | | | 52 | 52 | 76 | 32 |
| 32/ 31 | .4 | 1.7 | 2.5 | 1.1 | .2 | | | | | | | | | | | | | 49 | 49 | 59 | 61 |
| 30/ 29 | .1 | 1.3 | 3.0 | .2 | | | | | | | | | | | | | | 39 | 39 | 38 | 50 |
| 28/ 27 | .4 | .5 | 1.3 | .1 | | | | | | | | | | | | | | 19 | 19 | 46 | 50 |
| 26/ 25 | | 1.1 | .6 | | | | | | | | | | | | | | | 14 | 14 | 36 | 45 |
| 24/ 23 | | .5 | .9 | | | | | | | | | | | | | | | 12 | 12 | 18 | 28 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 14 | 22 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 22 |
| 18/ 17 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 38 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 11.0 | 40.0 | 36.4 | 10.8 | 1.5 | .4 | | | | | | | | | | | | 846 | 846 | 846 | 846 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5436718 | 66644 | 78.8 | 14.869 | 846 | | | | | | | |
| Dry Bulb | 1683452 | 36638 | 43.3 | 10.701 | 846 | | 13.6 | 1.5 | | | | 84 |
| Wet Bulb | 1513289 | 34485 | 40.8 | 11.284 | 846 | | 21.5 | .9 | | | | 84 |
| Dew Point | 1311797 | 31187 | 36.9 | 13.851 | 846 | | 36.1 | .5 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .1 | .1 | .2 | .1 | | | | | | | | | | | | 5 | 5 | | |
| 74/ 73 | | .1 | | .2 | | .1 | .1 | | | | .2 | | | | | | | | 7 | 7 | | |
| 72/ 71 | | | .4 | .1 | .6 | .1 | .1 | .1 | | .2 | | | | | | | | | 14 | 14 | 3 | |
| 70/ 69 | | .4 | .7 | .6 | .5 | .2 | .1 | .2 | .2 | | | | | | | | | | 25 | 25 | 4 | 2 |
| 68/ 67 | | .6 | .8 | .5 | .2 | .6 | .4 | .1 | .1 | | | | | | | | | | 28 | 28 | 13 | 5 |
| 66/ 65 | | .9 | .5 | .5 | 1.3 | .5 | .5 | .4 | .1 | | | | | | | | | | 39 | 39 | 17 | 15 |
| 64/ 63 | .5 | 1.7 | .5 | .8 | .7 | .5 | .4 | .5 | | | | | | | | | | | 46 | 46 | 27 | 13 |
| 62/ 61 | .2 | 1.9 | .6 | .2 | .6 | .9 | .4 | .4 | .2 | | | | | | | | | | 46 | 46 | 30 | 27 |
| 60/ 59 | .1 | 1.4 | .8 | .7 | .7 | .8 | .8 | .4 | .2 | | | | | | | | | | 51 | 51 | 36 | 30 |
| 58/ 57 | .1 | 1.3 | .4 | .7 | .4 | .9 | .5 | .4 | .4 | | | | | | | | | | 42 | 42 | 39 | 23 |
| 56/ 55 | .2 | .6 | .5 | .8 | .6 | 1.1 | .7 | .8 | | | | | | | | | | | 45 | 45 | 42 | 27 |
| 54/ 53 | .1 | 1.7 | .6 | 1.2 | 1.3 | .7 | 1.2 | .2 | | | | | | | | | | | 59 | 59 | 33 | 32 |
| 52/ 51 | .2 | .8 | .7 | .5 | 1.7 | 1.2 | 1.1 | .5 | | | | | | | | | | | 56 | 56 | 46 | 27 |
| 50/ 49 | .2 | 1.2 | .8 | 1.4 | 1.8 | .9 | .6 | .2 | | | | | | | | | | | 61 | 61 | 42 | 29 |
| 48/ 47 | .4 | .9 | .4 | .5 | 2.1 | 1.7 | .2 | | | | | | | | | | | | 52 | 52 | 59 | 31 |
| 46/ 45 | .2 | 1.1 | .6 | 1.1 | .9 | 1.2 | .5 | | | | | | | | | | | | 47 | 47 | 47 | 34 |
| 44/ 43 | | .2 | .5 | 1.5 | 1.9 | .7 | | | | | | | | | | | | | 41 | 41 | 52 | 32 |
| 42/ 41 | | .1 | 1.8 | .8 | 1.3 | .8 | | | | | | | | | | | | | 41 | 41 | 61 | 24 |
| 40/ 39 | .4 | .6 | 1.2 | 1.1 | .9 | .5 | | | | | | | | | | | | | 39 | 39 | 47 | 36 |
| 38/ 37 | .4 | .8 | .2 | 1.1 | 1.3 | .1 | | | | | | | | | | | | | 33 | 33 | 75 | 40 |
| 36/ 35 | .1 | .6 | .2 | 1.3 | .4 | | | | | | | | | | | | | | 22 | 22 | 43 | 51 |
| 34/ 33 | .4 | | .2 | .6 | .7 | | | | | | | | | | | | | | 16 | 16 | 35 | 28 |
| 32/ 31 | | .1 | 1.2 | .5 | .1 | | | | | | | | | | | | | | 16 | 16 | 28 | 58 |
| 30/ 29 | | | .6 | .2 | | | | | | | | | | | | | | | 7 | 7 | 31 | 34 |
| 28/ 27 | | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 17 | 29 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 10 | 37 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 24 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 | 37 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 12 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.5 | 17.0 | 14.7 | 17.3 | 20.2 | 13.8 | 7.6 | 4.1 | 1.3 | .2 | .2 | | | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3542996 | 51864 | 61.3 | 20.740 | 846 | | | | | | | |
| Dry Bulb | 2392908 | 44052 | 52.1 | 10.828 | 846 | | 2.9 | 8.0 | 1.4 | | | 84 |
| Wet Bulb | 1877538 | 38784 | 45.8 | 10.853 | 846 | | 9.4 | 2.0 | | | | 84 |
| Dew Point | 1396598 | 32000 | 37.8 | 14.844 | 846 | | 33.8 | .7 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .1 | .2 | .1 | | | | .2 | | | | | | | 6 | 6 | | |
| 78/ 77 | | | | | .6 | | .2 | .2 | .2 | | | | .2 | | | | | 13 | 13 | | |
| 76/ 75 | | | | .4 | .2 | .8 | .9 | .6 | .4 | .4 | | .2 | | | | | | 33 | 33 | | |
| 74/ 73 | | | | .4 | .5 | 1.5 | .4 | .6 | .1 | .2 | .5 | | | | | | | 35 | 35 | | |
| 72/ 71 | | .1 | .4 | .7 | .8 | .8 | .9 | .8 | .2 | .2 | | | | | | | | 43 | 43 | 6 | |
| 70/ 69 | | .2 | .8 | .7 | .7 | 1.1 | .6 | .9 | .7 | .5 | .1 | | | | | | | 54 | 54 | 11 | 1 |
| 68/ 67 | | .2 | .1 | .7 | .5 | 1.5 | .8 | 1.1 | .6 | .5 | .1 | | | | | | | 52 | 52 | 11 | 10 |
| 66/ 65 | | .8 | .8 | .4 | .2 | .2 | .7 | 1.2 | 1.7 | 1.1 | | | | | | | | 60 | 60 | 32 | 9 |
| 64/ 63 | | .4 | .2 | | .6 | .2 | 1.2 | .4 | .9 | .5 | | | | | | | | 37 | 37 | 49 | 20 |
| 62/ 61 | .2 | .6 | .1 | .1 | .2 | .4 | .9 | 1.4 | 1.8 | .4 | | | | | | | | 52 | 52 | 36 | 23 |
| 60/ 59 | .2 | .5 | .1 | .1 | .1 | .4 | .9 | 1.2 | 1.9 | .2 | | | | | | | | 48 | 48 | 45 | 37 |
| 58/ 57 | .1 | .4 | .6 | .1 | .2 | .9 | .6 | 2.2 | 1.5 | .1 | | | | | | | | 58 | 58 | 38 | 27 |
| 56/ 55 | | .8 | .1 | .5 | .2 | .5 | 1.1 | 1.9 | .5 | | | | | | | | | 47 | 47 | 32 | 19 |
| 54/ 53 | .1 | .6 | .4 | .7 | .2 | .9 | 1.3 | 1.8 | .4 | | | | | | | | | 54 | 54 | 48 | 31 |
| 52/ 51 | .1 | 1.4 | .5 | .1 | .4 | 1.2 | 1.1 | .6 | .2 | | | | | | | | | 47 | 47 | 40 | 29 |
| 50/ 49 | .1 | .7 | .4 | .2 | 1.2 | 1.3 | 1.3 | .1 | | | | | | | | | | 45 | 45 | 60 | 29 |
| 48/ 47 | .2 | .1 | .2 | .2 | .3 | .7 | .8 | .1 | | | | | | | | | | 29 | 29 | 64 | 32 |
| 46/ 45 | .2 | .4 | .2 | .5 | .7 | .9 | 1.2 | | | | | | | | | | | 35 | 35 | 49 | 26 |
| 44/ 43 | .1 | | .2 | .8 | .8 | .4 | .4 | | | | | | | | | | | 23 | 23 | 65 | 26 |
| 42/ 41 | .2 | .4 | .7 | | .4 | .7 | .2 | | | | | | | | | | | 22 | 22 | 73 | 29 |
| 40/ 39 | | .9 | .2 | | .4 | .2 | | | | | | | | | | | | 15 | 15 | 49 | 38 |
| 38/ 37 | .1 | | .1 | .2 | 1.4 | .4 | | | | | | | | | | | | 19 | 19 | 48 | 21 |
| 36/ 35 | | .4 | .1 | .1 | .2 | | | | | | | | | | | | | 7 | 7 | 26 | 34 |
| 34/ 33 | .1 | .5 | .4 | | .1 | | | | | | | | | | | | | 9 | 9 | 23 | 40 |
| 32/ 31 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 22 | 65 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 14 | 34 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 32 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 38 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 35 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 40 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 18 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 17 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 AS 44 0-20-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 2.0 | 9.3 | 6.7 | 7.2 | 11.8 | 15.4 | 15.7 | 15.2 | 11.1 | 4.0 | .9 | .2 | .2 | | | | | 846 | 846 | 846 | 846 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2468598 | 41760 | 49.4 | 21.954 | 846 | | | | | | | |
| Dry Bulb | 3008992 | 49604 | 58.6 | 10.907 | 846 | | .2 | 23.5 | 8.7 | .5 | | 84 |
| Wet Bulb | 2114411 | 41401 | 48.9 | 10.226 | 846 | | 4.1 | 2.8 | | | | 84 |
| Dew Point | 1382740 | 31696 | 37.5 | 15.200 | 846 | | 36.2 | 1.1 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | .1 | | .1 | | | | .1 | .1 | | | | | 4 | 4 | | |
| 80/ 79 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | .5 | | .4 | | .1 | .1 | | .1 | .2 | | | | | 12 | 12 | | |
| 76/ 75 | | | | .4 | .2 | .5 | .8 | .5 | .4 | | .1 | .4 | | | | | | 27 | 27 | | |
| 74/ 73 | | | .5 | .2 | .4 | .7 | .5 | .4 | .5 | .4 | .4 | .1 | | | | | | 33 | 33 | | |
| 72/ 71 | | | .2 | .2 | .9 | .7 | .9 | .7 | .7 | .9 | .2 | | | | | | | 47 | 47 | 5 | |
| 70/ 69 | | .7 | 1.1 | .9 | .8 | 1.7 | .8 | .7 | .6 | .6 | .1 | | | | | | | 68 | 68 | 11 | 3 |
| 68/ 67 | | | .7 | .7 | .6 | .8 | .6 | .9 | 1.2 | .9 | .2 | | | | | | | 57 | 57 | 16 | 9 |
| 66/ 65 | | .9 | .2 | .6 | .5 | .5 | .2 | 1.1 | .9 | 1.5 | .1 | | | | | | | 62 | 62 | 27 | 17 |
| 64/ 63 | | .6 | | .2 | | .6 | .7 | .8 | 1.3 | .6 | | | | | | | | 41 | 41 | 41 | 14 |
| 62/ 61 | .2 | .2 | .4 | .1 | | .4 | .7 | 1.5 | 3.2 | .2 | | | | | | | | 59 | 59 | 40 | 20 |
| 60/ 59 | .2 | .6 | .1 | | .5 | .1 | .8 | 1.2 | 2.2 | .5 | | | | | | | | 53 | 53 | 49 | 26 |
| 58/ 57 | | .1 | .5 | .6 | .5 | .4 | .6 | 2.1 | 1.9 | .1 | | | | | | | | 57 | 57 | 32 | 32 |
| 56/ 55 | | .6 | .2 | .8 | .1 | | 1.4 | 1.3 | .9 | | | | | | | | | 46 | 46 | 22 | 14 |
| 54/ 53 | .4 | .5 | .7 | .5 | .2 | .6 | 1.3 | 1.7 | .6 | | | | | | | | | 54 | 54 | 59 | 39 |
| 52/ 51 | | .6 | .8 | | .7 | 1.3 | .8 | .9 | .1 | | | | | | | | | 45 | 45 | 51 | 23 |
| 50/ 49 | | .9 | | .1 | .9 | .7 | .9 | .4 | | | | | | | | | | 34 | 34 | 61 | 20 |
| 48/ 47 | .2 | .2 | | .6 | .7 | .2 | .9 | .2 | | | | | | | | | | 27 | 27 | 65 | 34 |
| 46/ 45 | .1 | | .4 | .5 | .2 | 1.8 | 1.4 | | | | | | | | | | | 37 | 37 | 56 | 29 |
| 44/ 43 | .2 | .4 | .6 | .1 | .1 | .4 | .0 | | | | | | | | | | | 22 | 22 | 72 | 27 |
| 42/ 41 | .2 | .7 | .4 | .4 | | .6 | | | | | | | | | | | | 19 | 19 | 72 | 22 |
| 40/ 39 | | .7 | .4 | | .5 | .7 | | | | | | | | | | | | 19 | 19 | 50 | 32 |
| 38/ 37 | | | | | .6 | .1 | | | | | | | | | | | | 6 | 6 | 33 | 29 |
| 36/ 35 | .2 | .1 | .4 | | .4 | | | | | | | | | | | | | 9 | 9 | 30 | 45 |
| 34/ 33 | .1 | .6 | | | | | | | | | | | | | | | | 6 | 6 | 19 | 36 |
| 32/ 31 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 21 | 49 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 10 | 46 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 40 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 41 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 27 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 27 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 21 |

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

FORM AUL 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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 20 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 12 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.0 | 8.5 | 7.4 | 7.0 | 9.5 | 12.8 | 14.8 | 15.4 | 14.7 | 5.8 | 1.2 | .7 | .4 | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2359497 | 40377 | 47.7 | 22.622 | 846 | | | | | | | |
| Dry Bulb | 3065883 | 50159 | 59.3 | 10.460 | 846 | | .1 | 24.7 | 7.6 | .5 | | 84 |
| Wet Bulb | 2121740 | 41536 | 49.1 | 9.878 | 846 | | 3.5 | 3.2 | | | | 84 |
| Dew Point | 1349657 | 31249 | 36.9 | 15.218 | 846 | | 37.2 | 1.2 | | | | 84 |

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

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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | .1 | .7 | | .3 | | | | | | | | | | | | | 9 | 9 | | |
| 70/ 69 | | .9 | .6 | .6 | .4 | .2 | .1 | | .1 | .1 | | | | | | | | 26 | 26 | 7 | 1 |
| 68/ 67 | | .4 | 1.7 | 1.1 | .4 | .2 | | .1 | | .1 | | | | | | | | 33 | 33 | 16 | 8 |
| 66/ 65 | | 1.8 | .6 | .6 | 1.2 | .1 | .4 | .2 | .2 | | | | | | | | | 43 | 43 | 14 | 19 |
| 64/ 63 | .1 | .7 | .9 | 1.3 | .7 | .6 | .8 | .1 | .1 | | | | | | | | | 46 | 46 | 29 | 18 |
| 62/ 61 | .1 | .7 | 1.4 | 1.2 | .7 | .7 | .6 | .1 | .2 | | | | | | | | | 49 | 49 | 26 | 16 |
| 60/ 59 | .2 | .7 | 1.1 | .8 | .8 | .5 | 1.1 | .7 | .1 | | | | | | | | | 51 | 51 | 28 | 24 |
| 58/ 57 | | .9 | .2 | 1.1 | 1.1 | 1.2 | .7 | .6 | | | | | | | | | | 49 | 49 | 46 | 25 |
| 56/ 55 | | .4 | .8 | 1.1 | 1.3 | .9 | 1.7 | .6 | | | | | | | | | | 57 | 57 | 27 | 25 |
| 54/ 53 | .2 | .7 | .9 | .6 | .7 | 1.5 | 1.2 | .7 | | | | | | | | | | 56 | 56 | 36 | 32 |
| 52/ 51 | .5 | .8 | 1.1 | .2 | 1.9 | 2.0 | 1.7 | .1 | | | | | | | | | | 70 | 70 | 48 | 26 |
| 50/ 49 | .4 | 1.3 | 1.1 | .7 | 1.2 | 2.5 | .9 | .1 | | | | | | | | | | 69 | 69 | 56 | 28 |
| 48/ 47 | .1 | .4 | .4 | .9 | 1.7 | 2.4 | .4 | | | | | | | | | | | 52 | 52 | 56 | 29 |
| 46/ 45 | .4 | .4 | .5 | 2.0 | 1.9 | 1.3 | .4 | | | | | | | | | | | 57 | 57 | 54 | 39 |
| 44/ 43 | | .2 | 1.2 | 1.3 | .9 | 1.1 | .1 | | | | | | | | | | | 41 | 41 | 48 | 26 |
| 42/ 41 | .5 | .8 | 1.2 | .2 | .8 | .6 | | | | | | | | | | | | 35 | 35 | 69 | 35 |
| 40/ 39 | .1 | .8 | 1.3 | .7 | 1.1 | .5 | | | | | | | | | | | | 38 | 38 | 96 | 18 |
| 38/ 37 | | | .2 | .7 | 1.3 | .2 | | | | | | | | | | | | 21 | 21 | 63 | 48 |
| 36/ 35 | .2 | .1 | .5 | .5 | .7 | | | | | | | | | | | | | 17 | 17 | 33 | 39 |
| 34/ 33 | .1 | .5 | .1 | .5 | .5 | | | | | | | | | | | | | 14 | 14 | 28 | 51 |
| 32/ 31 | | | .2 | .6 | | | | | | | | | | | | | | 7 | 7 | 28 | 46 |
| 30/ 29 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 18 | 63 |
| 28/ 27 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 12 | 42 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 29 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 33 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 17 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 3.0 | 12.6 | 16.9 | 17.0 | 19.5 | 16.5 | 9.9 | 3.4 | .8 | .2 | | | | | | | | 846 | 846 | 846 | 846 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 3411499 | 50877 | 60.1 | 20.405 | 846 | | | | | | | |
| Dry Bulb | 2435891 | 44659 | 52.8 | 9.633 | 846 | | 1.0 | 7.0 | .3 | | | 84 |
| Wet Bulb | 1900330 | 39170 | 46.3 | 10.132 | 846 | | 5.6 | 2.3 | | | | 84 |
| Dew Point | 1398061 | 32173 | 38.0 | 14.372 | 846 | | 33.7 | .9 | | | | 84 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 5 | |
| 68/ 67 | | 2.2 | .2 | .4 | | | | | | | | | | | | | | 24 | 24 | 18 | 6 |
| 66/ 65 | | 2.0 | .9 | .1 | | | | | | | | | | | | | | 26 | 26 | 9 | 24 |
| 64/ 63 | .1 | 2.0 | .5 | .2 | .1 | | | .1 | | | | | | | | | | 26 | 26 | 24 | 14 |
| 62/ 61 | .1 | 1.7 | .5 | .4 | .1 | | | | | | | | | | | | | 23 | 23 | 27 | 14 |
| 60/ 59 | .6 | 1.4 | 1.3 | .4 | .4 | .2 | | | | | | | | | | | | 36 | 36 | 19 | 33 |
| 58/ 57 | .5 | 1.7 | 1.4 | 1.2 | .2 | | | | | | | | | | | | | 42 | 42 | 29 | 20 |
| 56/ 55 | .6 | .9 | .9 | 1.2 | .9 | .5 | | | | | | | | | | | | 43 | 43 | 32 | 25 |
| 54/ 53 | .1 | 1.3 | 1.4 | .9 | .7 | .5 | | | | | | | | | | | | 42 | 42 | 28 | 25 |
| 52/ 51 | .2 | 2.0 | 1.5 | 2.0 | .9 | .4 | .1 | | | | | | | | | | | 61 | 61 | 34 | 21 |
| 50/ 49 | .4 | .9 | .6 | 2.2 | 1.9 | 1.3 | .4 | | | | | | | | | | | 65 | 65 | 46 | 37 |
| 48/ 47 | .6 | 1.3 | 1.4 | 2.2 | 1.9 | .6 | .1 | | | | | | | | | | | 69 | 69 | 42 | 25 |
| 46/ 45 | .7 | .8 | 2.0 | 1.1 | 2.4 | 1.2 | | | | | | | | | | | | 69 | 69 | 51 | 37 |
| 44/ 43 | .1 | .7 | 2.0 | 2.1 | 1.3 | .2 | | | | | | | | | | | | 55 | 55 | 50 | 24 |
| 42/ 41 | .5 | .9 | 1.9 | 3.0 | 1.5 | .2 | | | | | | | | | | | | 68 | 68 | 74 | 33 |
| 40/ 39 | .6 | 1.3 | 1.4 | 1.9 | .9 | .1 | | | | | | | | | | | | 53 | 53 | 65 | 41 |
| 38/ 37 | .5 | .9 | 1.7 | 1.4 | .7 | | | | | | | | | | | | | 44 | 44 | 84 | 53 |
| 36/ 35 | | .7 | .7 | 1.9 | .5 | | | | | | | | | | | | | 32 | 32 | 62 | 52 |
| 34/ 33 | .2 | .5 | .6 | 1.3 | .2 | | | | | | | | | | | | | 24 | 24 | 43 | 43 |
| 32/ 31 | | .7 | 1.1 | .8 | | | | | | | | | | | | | | 22 | 22 | 35 | 53 |
| 30/ 29 | | | .6 | .4 | | | | | | | | | | | | | | 8 | 8 | 27 | 50 |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 23 | 39 |
| 26/ 25 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 12 | 38 |
| 24/ 23 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 27 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 18 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 25 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 15 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |

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

FORM AFL 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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 5.8 | 24.6 | 23.4 | 25.4 | 14.8 | 5.2 | .6 | .1 | | | | | | | | | | 845 | 845 | 845 | 845 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4416553 | 59153 | 70.0 | 18.072 | 845 | | | | | | | |
| Dry Bulb | 2057937 | 40887 | 48.4 | 9.708 | 845 | | 3.5 | 3.2 | .2 | | | 84 |
| Wet Bulb | 1742063 | 37317 | 44.2 | 10.557 | 845 | | 10.2 | 2.3 | | | | 84 |
| Dew Point | 1407352 | 32420 | 38.4 | 13.918 | 845 | | 31.6 | .6 | | | | 84 |

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) FEB (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .0 | | .0 | | | | .0 | .0 | | | | | 4 | 4 | | |
| 80/ 79 | | | | | .0 | .0 | .0 | .0 | | | .0 | | | | | | | 7 | 7 | | |
| 78/ 77 | | | | .0 | .1 | | .1 | .0 | .0 | .0 | | .0 | .1 | | | | | 27 | 27 | | |
| 76/ 75 | | | | .1 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .1 | | | | | | 65 | 65 | | |
| 74/ 73 | | .0 | .1 | .1 | .1 | .3 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | 80 | 80 | | |
| 72/ 71 | | .1 | .3 | .1 | .3 | .2 | .3 | .2 | .1 | .2 | .0 | | | | | | | 123 | 123 | 14 | |
| 70/ 69 | | .5 | .5 | .4 | .3 | .4 | .2 | .2 | .2 | .1 | .0 | | | | | | | 191 | 191 | 45 | 8 |
| 68/ 67 | | .9 | .5 | .4 | .2 | .4 | .2 | .3 | .2 | .2 | .0 | | | | | | | 229 | 229 | 97 | 52 |
| 66/ 65 | .1 | 1.2 | .5 | .3 | .4 | .2 | .2 | .4 | .4 | .3 | .0 | | | | | | | 269 | 269 | 139 | 131 |
| 64/ 63 | .1 | 1.4 | .3 | .3 | .3 | .2 | .4 | .2 | .3 | .1 | | | | | | | | 252 | 252 | 207 | 113 |
| 62/ 61 | .6 | 1.3 | .4 | .3 | .2 | .3 | .3 | .4 | .7 | .1 | | | | | | | | 308 | 308 | 260 | 180 |
| 60/ 59 | .4 | 1.2 | .6 | .3 | .4 | .3 | .5 | .4 | .6 | .1 | | | | | | | | 315 | 315 | 223 | 216 |
| 58/ 57 | .3 | 1.3 | .7 | .5 | .3 | .4 | .3 | .7 | .5 | .0 | | | | | | | | 336 | 336 | 248 | 176 |
| 56/ 55 | .3 | 1.0 | .6 | .6 | .4 | .4 | .6 | .6 | .2 | | | | | | | | | 315 | 315 | 225 | 169 |
| 54/ 53 | .4 | 1.2 | .8 | .6 | .4 | .5 | .6 | .5 | .1 | | | | | | | | | 354 | 354 | 294 | 231 |
| 52/ 51 | .3 | 1.5 | 1.0 | .5 | .7 | .8 | .6 | .3 | .0 | | | | | | | | | 378 | 378 | 307 | 206 |
| 50/ 49 | .5 | 1.4 | 1.1 | .8 | 1.0 | 1.0 | .5 | .1 | | | | | | | | | | 423 | 423 | 365 | 245 |
| 48/ 47 | .5 | 1.1 | 1.1 | .9 | .9 | .7 | .3 | .0 | | | | | | | | | | 376 | 376 | 392 | 229 |
| 46/ 45 | .5 | 1.2 | 1.3 | .9 | .9 | .8 | .4 | | | | | | | | | | | 403 | 403 | 380 | 263 |
| 44/ 43 | .1 | 1.0 | 1.4 | 1.1 | .8 | .3 | .2 | | | | | | | | | | | 331 | 331 | 430 | 213 |
| 42/ 41 | .3 | 1.0 | 1.8 | 1.0 | .7 | .4 | .0 | | | | | | | | | | | 363 | 363 | 486 | 246 |
| 40/ 39 | .4 | 1.4 | 1.7 | 1.1 | .8 | .3 | | | | | | | | | | | | 362 | 362 | 467 | 292 |
| 38/ 37 | .4 | 1.0 | 1.6 | .9 | .8 | .1 | | | | | | | | | | | | 329 | 329 | 483 | 316 |
| 36/ 35 | .3 | 1.1 | 1.3 | 1.0 | .4 | | | | | | | | | | | | | 277 | 277 | 383 | 361 |
| 34/ 33 | .3 | 1.0 | 1.0 | .7 | .2 | | | | | | | | | | | | | 212 | 212 | 374 | 323 |
| 32/ 31 | .1 | 1.0 | 1.2 | .7 | .1 | | | | | | | | | | | | | 202 | 202 | 300 | 452 |
| 30/ 29 | .0 | .4 | .9 | .1 | .0 | | | | | | | | | | | | | 102 | 102 | 231 | 356 |
| 28/ 27 | .1 | .3 | .5 | .1 | | | | | | | | | | | | | | 64 | 64 | 193 | 326 |
| 26/ 25 | | .2 | .3 | .0 | | | | | | | | | | | | | | 40 | 40 | 119 | 315 |
| 24/ 23 | | .1 | .2 | .0 | | | | | | | | | | | | | | 20 | 20 | 56 | 241 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 34 | 234 |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | 3 | 3 | 7 | 260 |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 209 |

| 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) 84 REVISED ONE HOUR EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | FEB MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 130 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 109 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 85 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 41 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 26 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 5.8 | 23.7 | 21.7 | 13.8 | 10.7 | 8.1 | 6.1 | 4.8 | 3.5 | 1.3 | .3 | .1 | .1 | | | | | | 6767 | | 6767 |
| | | | | | | | | | | | | | | | | | | 6767 | | 6767 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 32235747 | 441919 | 65.3 | 22.338 | 6767 | | | | | | | |
| Dry Bulb | 18155639 | 340923 | 50.4 | 12.034 | 6767 | | 43.4 | 72.2 | 18.3 | 1.0 | | 672 |
| Wet Bulb | 14401069 | 302921 | 44.8 | 11.149 | 6767 | | 94.1 | 15.5 | | | | 672 |
| Dew Point | 10937658 | 253904 | 37.5 | 14.441 | 6767 | | 277.8 | 6.0 | | | | 672 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .3 | .5 | .2 | | | | | | | | | | | | | | 10 | 10 | | |
| 72/ 71 | | .9 | 1.0 | | | | | | | | | | | | | | | 17 | 17 | 3 | |
| 70/ 69 | .1 | 1.6 | 1.4 | | | | | | | | | | | | | | | 29 | 29 | 19 | 15 |
| 68/ 67 | .4 | 1.9 | 1.6 | .1 | | | | | | | | | | | | | | 38 | 38 | 29 | 24 |
| 66/ 65 | .3 | 2.7 | 1.0 | .1 | .3 | | | | | | | | | | | | | 41 | 41 | 37 | 26 |
| 64/ 63 | 1.2 | 2.9 | .4 | .6 | | | .1 | | | | | | | | | | | 49 | 49 | 58 | 51 |
| 62/ 61 | .9 | 4.1 | .5 | .8 | .3 | .1 | | | | | | | | | | | | 62 | 62 | 40 | 46 |
| 60/ 59 | 2.0 | 4.4 | 1.2 | 1.1 | .5 | .6 | | | | | | | | | | | | 92 | 92 | 72 | 75 |
| 58/ 57 | .8 | 2.6 | 1.5 | .6 | .6 | .3 | | | | | | | | | | | | 60 | 60 | 56 | 47 |
| 56/ 55 | .8 | 2.7 | 2.8 | 1.8 | .4 | .1 | | | | | | | | | | | | 80 | 80 | 57 | 41 |
| 54/ 53 | 1.0 | 1.6 | 1.4 | 1.2 | .6 | .3 | .2 | | | | | | | | | | | 59 | 59 | 55 | 46 |
| 52/ 51 | .8 | 3.0 | 2.0 | 1.9 | 1.4 | .2 | .1 | | | | | | | | | | | 88 | 88 | 64 | 46 |
| 50/ 49 | 1.3 | 1.9 | 1.3 | .9 | 1.2 | .1 | | | | | | | | | | | | 62 | 62 | 80 | 70 |
| 48/ 47 | .2 | 1.7 | .9 | 1.1 | .5 | | | | | | | | | | | | | 41 | 41 | 48 | 43 |
| 46/ 45 | .5 | 1.4 | 1.1 | 1.7 | .6 | | | | | | | | | | | | | 50 | 50 | 60 | 32 |
| 44/ 43 | .2 | 1.2 | 1.1 | 1.0 | .1 | | | | | | | | | | | | | 33 | 33 | 48 | 60 |
| 42/ 41 | .3 | 1.2 | 1.4 | .8 | .3 | | | | | | | | | | | | | 37 | 37 | 52 | 43 |
| 40/ 39 | .1 | 1.2 | .8 | .4 | | | | | | | | | | | | | | 23 | 23 | 47 | 37 |
| 38/ 37 | | 1.2 | .9 | .6 | | | | | | | | | | | | | | 25 | 25 | 32 | 36 |
| 36/ 35 | | .6 | .4 | .4 | | | | | | | | | | | | | | 14 | 14 | 25 | 40 |
| 34/ 33 | .2 | | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 18 | 32 |
| 32/ 31 | .1 | | .6 | .1 | | | | | | | | | | | | | | 8 | 8 | 10 | 47 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | 19 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 11 |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 10 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | 10 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.2 | 39.5 | 24.4 | 15.6 | 7.1 | 1.8 | .4 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6230591 | 74789 | 80.4 | 15.255 | 930 | | | | | | | |
| Dry Bulb | 2817466 | 50416 | 54.2 | 9.530 | 930 | | 1.5 | 9.4 | 1.0 | | | 93 |
| Wet Bulb | 2531395 | 47593 | 51.2 | 10.155 | 930 | | 3.0 | 5.1 | | | | 93 |
| Dew Point | 2280557 | 44601 | 48.0 | 12.345 | 930 | | 12.0 | 3.9 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | | |
| 72/ 71 | | .4 | 1.3 | | | | | | | | | | | | | | | 16 | 16 | 3 | |
| 70/ 69 | | 1.7 | 1.7 | .3 | | | | | | | | | | | | | | 35 | 35 | 11 | 8 |
| 68/ 67 | .9 | 1.7 | .9 | | | | | | | | | | | | | | | 32 | 32 | 42 | 31 |
| 66/ 65 | .4 | 2.4 | .3 | .2 | | | | | | | | | | | | | | 31 | 31 | 30 | 25 |
| 64/ 63 | .2 | 4.4 | .4 | .3 | | | | | | | | | | | | | | 50 | 50 | 41 | 44 |
| 62/ 61 | 1.2 | 4.1 | .9 | .1 | .2 | | | | | | | | | | | | | 60 | 60 | 54 | 55 |
| 60/ 59 | 3.2 | 2.2 | 1.1 | .2 | | .1 | .2 | | | | | | | | | | | 65 | 65 | 74 | 72 |
| 58/ 57 | 1.0 | 2.7 | 1.0 | .6 | .1 | | | | | | | | | | | | | 50 | 50 | 47 | 47 |
| 56/ 55 | 1.0 | 1.7 | .9 | .5 | .2 | .2 | | | | | | | | | | | | 42 | 42 | 32 | 37 |
| 54/ 53 | 1.1 | 3.4 | 2.2 | .6 | .2 | .2 | | | | | | | | | | | | 72 | 72 | 46 | 32 |
| 52/ 51 | .9 | 2.9 | 2.6 | 1.3 | .4 | | .1 | | | | | | | | | | | 73 | 73 | 59 | 46 |
| 50/ 49 | 1.0 | 2.3 | 2.2 | 1.2 | .3 | .2 | .1 | | | | | | | | | | | 67 | 67 | 61 | 51 |
| 48/ 47 | .8 | 2.2 | .2 | 1.0 | .6 | .2 | | | | | | | | | | | | 46 | 46 | 65 | 49 |
| 46/ 45 | 1.1 | 2.6 | 1.8 | 1.5 | .2 | | | | | | | | | | | | | 67 | 67 | 54 | 44 |
| 44/ 43 | .9 | 3.2 | .5 | 1.2 | | | | | | | | | | | | | | 54 | 54 | 54 | 52 |
| 42/ 41 | .4 | 1.1 | 1.6 | 1.1 | | | | | | | | | | | | | | 39 | 39 | 59 | 42 |
| 40/ 39 | .5 | 1.5 | 1.8 | .3 | | | | | | | | | | | | | | 39 | 39 | 49 | 48 |
| 38/ 37 | .2 | 1.5 | .6 | .2 | | | | | | | | | | | | | | 24 | 24 | 50 | 45 |
| 36/ 35 | .1 | .9 | .8 | .2 | | | | | | | | | | | | | | 18 | 18 | 31 | 24 |
| 34/ 33 | .1 | .6 | .9 | .1 | | | | | | | | | | | | | | 16 | 16 | 16 | 48 |
| 32/ 31 | .5 | .2 | .6 | | | | | | | | | | | | | | | 13 | 13 | 21 | 38 |
| 30/ 29 | | .2 | .5 | | | | | | | | | | | | | | | 7 | 7 | 10 | 33 |
| 28/ 27 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 9 | 12 |
| 26/ 25 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 11 |
| 24/ 23 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 6 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 12 |
| 20/ 19 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | 11 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 15.4 | 44.6 | 25.5 | 10.8 | 2.4 | 1.0 | .4 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6703050 | 77916 | 83.8 | 13.733 | 930 | | | | | | | |
| Dry Bulb | 2643075 | 48627 | 52.3 | 10.402 | 930 | | 3.0 | 8.7 | .4 | | | 93 |
| Wet Bulb | 2423201 | 46393 | 49.9 | 10.826 | 930 | | 5.2 | 5.6 | | | | 93 |
| Dew Point | 2226638 | 43968 | 47.3 | 12.619 | 930 | | 13.0 | 3.9 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | .2 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 72/ 71 | | .4 | 1.0 | .2 | | | | | | | | | | | | | | 15 | 15 | 4 | |
| 70/ 69 | .3 | 1.9 | 1.7 | | | | | | | | | | | | | | | 37 | 37 | 16 | 14 |
| 68/ 67 | .3 | 1.6 | 1.3 | .1 | .1 | | | .1 | | | | | | | | | | 33 | 33 | 36 | 22 |
| 66/ 65 | .1 | 3.9 | .5 | .2 | | .1 | | | | | | | | | | | | 45 | 45 | 27 | 27 |
| 64/ 63 | .6 | 4.0 | 1.0 | .5 | .2 | .2 | | | | | | | | | | | | 61 | 61 | 60 | 45 |
| 62/ 61 | 1.4 | 3.7 | .5 | .3 | .2 | .1 | | | | | | | | | | | | 58 | 58 | 63 | 72 |
| 60/ 59 | 2.5 | 3.2 | 1.3 | .8 | .4 | .2 | | | | | | | | | | | | 78 | 78 | 63 | 69 |
| 58/ 57 | 1.1 | 1.8 | 1.0 | .5 | .3 | .1 | | | | | | | | | | | | 45 | 45 | 46 | 41 |
| 56/ 55 | .8 | 2.8 | 1.9 | .6 | .8 | .1 | | | | | | | | | | | | 65 | 65 | 43 | 32 |
| 54/ 53 | 1.2 | 1.8 | 1.9 | 1.1 | 1.0 | .2 | | | | | | | | | | | | 67 | 67 | 64 | 44 |
| 52/ 51 | .9 | 2.6 | 1.5 | 1.1 | .4 | .4 | | | | | | | | | | | | 64 | 64 | 52 | 50 |
| 50/ 49 | .8 | 1.8 | 1.4 | .5 | .8 | .2 | | | | | | | | | | | | 51 | 51 | 58 | 51 |
| 48/ 47 | .8 | 1.7 | 1.4 | 1.4 | .8 | .4 | | | | | | | | | | | | 60 | 60 | 54 | 48 |
| 46/ 45 | 1.1 | 1.7 | 2.0 | 1.0 | .2 | | | | | | | | | | | | | 56 | 56 | 54 | 46 |
| 44/ 43 | .9 | 1.5 | 1.1 | 1.3 | | | | | | | | | | | | | | 44 | 44 | 56 | 37 |
| 42/ 41 | .3 | 1.4 | 1.6 | .5 | | | | | | | | | | | | | | 36 | 36 | 56 | 45 |
| 40/ 39 | .4 | .8 | 1.4 | .1 | .2 | | | | | | | | | | | | | 27 | 27 | 50 | 51 |
| 38/ 37 | .1 | 1.6 | .5 | .1 | | | | | | | | | | | | | | 22 | 22 | 36 | 41 |
| 36/ 35 | .5 | .8 | .8 | .1 | | | | | | | | | | | | | | 20 | 20 | 32 | 31 |
| 34/ 33 | .2 | .3 | .5 | .5 | | | | | | | | | | | | | | 15 | 15 | 13 | 33 |
| 32/ 31 | .1 | .6 | .4 | .1 | | | | | | | | | | | | | | 12 | 12 | 17 | 49 |
| 30/ 29 | .1 | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 13 | 22 |
| 28/ 27 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 7 | 17 |
| 26/ 25 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | 6 |
| 20/ 19 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | 10 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 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) AM 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 14.4 | 40.8 | 25.8 | 11.3 | 5.5 | 2.2 | | .1 | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6468785 | 76393 | 82.1 | 14.437 | 930 | | | | | | | |
| Dry Bulb | 2740377 | 49547 | 53.3 | 10.411 | 930 | | 2.5 | 9.1 | .6 | | | 93 |
| Wet Bulb | 2485067 | 47019 | 50.6 | 10.776 | 930 | | 4.7 | 5.6 | | | | 93 |
| Dew Point | 2261208 | 44330 | 47.7 | 12.628 | 930 | | 13.1 | 3.6 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .1 | .2 | .2 | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | | .1 | .1 | .4 | .4 | .1 | .1 | | .2 | | | | | | | 14 | 14 | | |
| 78/ 77 | | | | .3 | .6 | .5 | .5 | .2 | .1 | .4 | | .1 | | | | | | 27 | 27 | | |
| 76/ 75 | | | .3 | 1.6 | .8 | .5 | | .3 | .1 | .1 | .1 | .1 | | | | | | 37 | 37 | | |
| 74/ 73 | | .3 | .8 | 1.2 | .8 | .9 | .2 | .6 | | .2 | | | | | | | | 46 | 46 | 1 | |
| 72/ 71 | | .5 | 1.1 | 1.2 | 1.0 | .8 | .5 | .5 | .2 | .3 | .1 | | | | | | | | 58 | 14 | 2 |
| 70/ 69 | .1 | .6 | 1.3 | 1.0 | 1.3 | 1.3 | .6 | .4 | .2 | .2 | | | | | | | | 76 | 66 | 51 | 11 |
| 68/ 67 | | .8 | .9 | 1.8 | .5 | 1.7 | .2 | .8 | .5 | .1 | | | | | | | | 68 | 68 | 41 | 37 |
| 66/ 65 | .3 | 2.3 | 1.2 | 1.0 | 1.2 | .9 | 1.1 | .6 | .5 | .1 | | | | | | | | 85 | 85 | 52 | 34 |
| 64/ 63 | .2 | 2.6 | .8 | .6 | 1.6 | 1.1 | .6 | .4 | .5 | | | | | | | | | 79 | 79 | 76 | 43 |
| 62/ 61 | .4 | 1.5 | 1.1 | 1.0 | .9 | 1.5 | .4 | .3 | .6 | | | | | | | | | 72 | 72 | 81 | 67 |
| 60/ 59 | .3 | 1.4 | .6 | 1.1 | .6 | .9 | .4 | 1.0 | .1 | | | | | | | | | 60 | 60 | 64 | 73 |
| 58/ 57 | .2 | 1.2 | .8 | 1.1 | .8 | .5 | .5 | 1.2 | | | | | | | | | | 58 | 58 | 62 | 44 |
| 56/ 55 | .5 | 1.0 | .1 | .6 | .5 | 1.1 | 1.1 | .2 | | | | | | | | | | 54 | 54 | 66 | 48 |
| 54/ 53 | .4 | .8 | .5 | .3 | 1.1 | 1.0 | .9 | | | | | | | | | | | 46 | 46 | 78 | 53 |
| 52/ 51 | | .4 | .3 | .6 | .9 | .9 | .8 | | | | | | | | | | | 36 | 36 | 53 | 40 |
| 50/ 49 | .1 | .5 | .2 | .3 | .2 | .5 | .2 | | | | | | | | | | | 21 | 21 | 45 | 51 |
| 48/ 47 | .5 | .4 | | .9 | .6 | 1.0 | | | | | | | | | | | | 32 | 32 | 48 | 56 |
| 46/ 45 | .1 | .5 | .4 | .4 | .3 | .2 | | | | | | | | | | | | 19 | 19 | 51 | 34 |
| 44/ 43 | | .2 | .2 | .5 | .2 | | | | | | | | | | | | | 11 | 11 | 43 | 29 |
| 42/ 41 | | .4 | .3 | .2 | .4 | | | | | | | | | | | | | 13 | 13 | 33 | 39 |
| 40/ 39 | | .1 | .1 | .1 | .2 | | | | | | | | | | | | | 5 | 5 | 22 | 29 |
| 38/ 37 | | .2 | .1 | .2 | .1 | | | | | | | | | | | | | 6 | 6 | 20 | 33 |
| 36/ 35 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 9 | 30 |
| 34/ 33 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 6 | 33 |
| 32/ 31 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 4 | 38 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 28/ 27 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 1 | 16 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 1 | 12 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 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 AS 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.3 | 16.7 | 11.4 | 16.6 | 14.9 | 15.8 | 8.8 | 7.0 | 3.3 | 1.5 | .4 | .2 | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4139218 | 59108 | 63.6 | 20.293 | 930 | | | | | | | |
| Dry Bulb | 3666707 | 57673 | 62.0 | 9.852 | 930 | | .5 | 32.3 | 13.1 | 1.2 | | 93 |
| Wet Bulb | 2897034 | 51118 | 55.0 | 9.694 | 930 | | 1.4 | 10.7 | .1 | | | 93 |
| Dew Point | 2324949 | 44835 | 48.2 | 13.265 | 930 | | 14.4 | 5.0 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | .1 | .1 | | .1 | | | | | 3 | 3 | | |
| 86/ 85 | | | | | | | | .1 | .3 | .3 | .2 | | | | | | | 9 | 9 | | |
| 84/ 83 | | | | | | | .2 | .2 | .1 | .3 | | .5 | | | | | | 13 | 13 | | |
| 82/ 81 | | | | | .1 | .4 | 1.1 | 1.1 | .4 | .5 | .4 | | .1 | | | | | 39 | 39 | | |
| 80/ 79 | | | | .1 | .2 | 1.2 | 1.0 | 1.4 | .9 | .6 | .4 | .2 | | .2 | | | | 58 | 58 | | |
| 78/ 77 | | | | .4 | .9 | .5 | .4 | .8 | .9 | .4 | .2 | .1 | .1 | | | | | 44 | 44 | | |
| 76/ 75 | | | .5 | .6 | 1.2 | 1.2 | 1.6 | .9 | 1.0 | .4 | .6 | | .1 | | | | | 76 | 76 | | |
| 74/ 73 | | | .4 | .9 | 1.1 | 1.4 | .8 | .6 | 1.0 | .4 | .5 | .4 | | | | | | 70 | 70 | 6 | |
| 72/ 71 | | | .6 | 1.7 | 1.0 | 1.4 | 1.4 | 1.5 | .9 | 1.0 | .5 | | | | | | | 93 | 93 | 24 | 1 |
| 70/ 69 | | .1 | .8 | .8 | 1.0 | .6 | 1.2 | .9 | 1.3 | 1.2 | .3 | | | | | | | 75 | 75 | 47 | 13 |
| 68/ 67 | | .3 | .5 | .2 | .3 | 1.2 | .9 | .6 | .4 | 1.5 | | | | | | | | 56 | 56 | 55 | 20 |
| 66/ 65 | | 1.5 | .6 | .2 | .6 | .9 | 1.0 | .6 | 1.3 | .9 | | | | | | | | 71 | 71 | 74 | 31 |
| 64/ 63 | .1 | 1.0 | .2 | .2 | 1.0 | .3 | .4 | .8 | 1.1 | .3 | | | | | | | | 50 | 50 | 99 | 53 |
| 62/ 61 | .4 | .8 | .5 | .1 | .5 | .3 | .5 | 1.1 | 1.1 | | | | | | | | | 50 | 50 | 68 | 53 |
| 60/ 59 | .2 | 1.0 | .2 | .1 | | .6 | .4 | 1.2 | .1 | | | | | | | | | 36 | 36 | 67 | 59 |
| 58/ 57 | .1 | 1.0 | .5 | .2 | .1 | .6 | .9 | .9 | .8 | | | | | | | | | 47 | 47 | 70 | 60 |
| 56/ 55 | .2 | .8 | .3 | .4 | .3 | .5 | .4 | .6 | | | | | | | | | | 34 | 34 | 67 | 54 |
| 54/ 53 | .3 | .8 | .3 | .1 | .2 | .4 | .5 | .4 | | | | | | | | | | 29 | 29 | 63 | 45 |
| 52/ 51 | | .3 | .2 | | .4 | | .9 | | | | | | | | | | | 17 | 17 | 52 | 46 |
| 50/ 49 | .1 | .9 | .4 | .3 | .2 | | .4 | | | | | | | | | | | 22 | 22 | 60 | 46 |
| 48/ 47 | | .3 | .1 | .3 | .2 | .1 | .2 | | | | | | | | | | | 12 | 12 | 51 | 62 |
| 46/ 45 | .2 | | .1 | | .1 | .5 | .1 | | | | | | | | | | | 10 | 10 | 39 | 38 |
| 44/ 43 | .1 | | | | .1 | .2 | .1 | | | | | | | | | | | 5 | 5 | 27 | 31 |
| 42/ 41 | | | .6 | | | | | | | | | | | | | | | 6 | 6 | 21 | 29 |
| 40/ 39 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 12 | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 15 | 41 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 | 25 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 31 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 40 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 41 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (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 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 8.8 | 7.3 | 6.9 | 9.6 | 12.7 | 14.4 | 13.7 | 11.4 | 8.1 | 3.4 | 1.3 | .4 | .2 | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 2987114 | 48894 | 52.6 | 21.175 | 930 | | | | | | | |
| Dry Bulb | 4312203 | 62653 | 67.4 | 9.916 | 930 | | .3 | 53.6 | 31.2 | 9.6 | | 93 |
| Wet Bulb | 3084605 | 52913 | 56.9 | 8.930 | 930 | | .5 | 17.2 | .6 | | | 93 |
| Dew Point | 2254302 | 44100 | 47.4 | 13.250 | 930 | | 16.7 | 3.4 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | | | | | .2 | .4 | .2 | | .1 | | | | | 9 | 9 | | |
| 84/ 83 | | | | | | | .1 | | .5 | .3 | | .3 | .1 | .1 | | | | 14 | 14 | | |
| 82/ 81 | | | | | | 1.1 | .2 | .4 | .8 | .4 | .2 | .6 | | | | | | 35 | 35 | | |
| 80/ 79 | | | | | .9 | .9 | 1.2 | 1.0 | 1.0 | .5 | .3 | .1 | .2 | .1 | | | | 57 | 57 | | |
| 78/ 77 | | | | .5 | .9 | .5 | 1.1 | .8 | 1.2 | .6 | .2 | .4 | .1 | | | | | 59 | 59 | | |
| 76/ 75 | | | .2 | .6 | 1.3 | .8 | 1.0 | 1.3 | .9 | .8 | .9 | .1 | | | | | | 72 | 72 | | |
| 74/ 73 | | | .5 | 1.1 | .8 | 1.5 | 1.8 | 1.4 | 1.1 | 1.2 | 1.0 | .3 | | | | | | 99 | 99 | 1 | |
| 72/ 71 | | | .6 | .4 | 1.1 | .8 | 1.7 | 1.0 | .8 | .9 | .9 | | | | | | | 75 | 75 | 31 | |
| 70/ 69 | | | 1.0 | .6 | .5 | .3 | .8 | 1.5 | .9 | 1.2 | .4 | | | | | | | 67 | 67 | 44 | 7 |
| 68/ 67 | | .4 | 1.1 | .5 | .1 | .5 | .5 | 1.0 | .8 | 1.4 | .1 | | | | | | | 60 | 60 | 50 | 29 |
| 66/ 65 | .1 | 1.3 | .6 | .3 | 1.1 | .3 | .4 | 1.1 | .8 | 1.6 | | | | | | | | 71 | 71 | 69 | 34 |
| 64/ 63 | .3 | 1.3 | .4 | .1 | .1 | .3 | .3 | .8 | 1.4 | .2 | | | | | | | | 49 | 49 | 94 | 58 |
| 62/ 61 | .3 | 1.5 | .8 | | .3 | .5 | .1 | .9 | .3 | | | | | | | | | 44 | 44 | 82 | 43 |
| 60/ 59 | .5 | .4 | .1 | .3 | .1 | .9 | .2 | 1.2 | 1.2 | | | | | | | | | 46 | 46 | 86 | 60 |
| 58/ 57 | .1 | .8 | .4 | .2 | .5 | .2 | .4 | 1.0 | .9 | | | | | | | | | 42 | 42 | 57 | 50 |
| 56/ 55 | .5 | .1 | .9 | .4 | .2 | .4 | .1 | .2 | .1 | | | | | | | | | 29 | 29 | 70 | 56 |
| 54/ 53 | .2 | .3 | .1 | .2 | .2 | .2 | 1.0 | .6 | | | | | | | | | | 27 | 27 | 56 | 40 |
| 52/ 51 | .3 | .4 | | | .4 | | .3 | .1 | | | | | | | | | | 15 | 15 | 63 | 54 |
| 50/ 49 | .3 | 1.2 | .1 | .3 | .1 | .1 | .3 | .1 | | | | | | | | | | 24 | 24 | 69 | 54 |
| 48/ 47 | | .5 | | | .3 | | .5 | | | | | | | | | | | 13 | 13 | 41 | 43 |
| 46/ 45 | | .1 | | | .1 | .2 | .1 | | | | | | | | | | | 5 | 5 | 30 | 40 |
| 44/ 43 | .3 | .1 | | .3 | | | | | | | | | | | | | | 7 | 7 | 32 | 34 |
| 42/ 41 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | 20 | 32 |
| 40/ 39 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 12 | 36 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 15 | 42 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 26 |
| 32/ 31 | | .1 | | .2 | | | | | | | | | | | | | | 3 | 3 | | 41 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 28 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 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 | ≥ 75 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.1 | 8.9 | 7.2 | 6.5 | 9.0 | 9.6 | 12.3 | 14.2 | 12.6 | 9.6 | 4.3 | 2.0 | .5 | .2 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3016495 | 48597 | 52.3 | 22.661 | 930 | | | | | | | |
| Dry Bulb | 4352849 | 62981 | 67.7 | 9.715 | 930 | | .3 | 54.9 | 34.7 | 8.5 | | 93 |
| Wet Bulb | 3091909 | 53017 | 57.0 | 8.652 | 930 | | .3 | 12.6 | .1 | | | 93 |
| Dew Point | 2241719 | 43943 | 47.3 | 13.343 | 930 | | 16.4 | 3.6 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | .1 | .1 | .1 | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | | .1 | .2 | .1 | .2 | | .3 | | | | | | | | | 9 | 9 | | |
| 76/ 75 | | | .1 | 1.5 | .5 | .4 | .2 | .3 | .2 | .1 | | .1 | | | | | | 33 | 33 | | |
| 74/ 73 | | .4 | .8 | 1.1 | .5 | .6 | .5 | .4 | .1 | .3 | .1 | | | | | | | 46 | 46 | | |
| 72/ 71 | | .6 | 1.6 | .5 | 1.0 | .5 | 1.0 | .4 | .4 | | .1 | | | | | | | 58 | 58 | 16 | |
| 70/ 69 | .1 | .5 | 1.8 | 1.3 | 1.0 | 1.5 | .4 | .5 | .4 | | | | | | | | | 71 | 71 | 31 | 15 |
| 68/ 67 | | .5 | 2.9 | 1.1 | 1.4 | 1.1 | 1.0 | .9 | | .2 | | | | | | | | 84 | 84 | 32 | 31 |
| 66/ 65 | | 1.9 | 1.3 | .9 | 1.6 | .6 | 1.6 | .9 | .5 | .1 | | | | | | | | 88 | 88 | 54 | 28 |
| 64/ 63 | | 2.6 | 1.0 | 1.8 | .6 | 1.3 | 1.7 | .3 | .4 | | | | | | | | | 91 | 91 | 70 | 53 |
| 62/ 61 | 1.1 | 1.1 | .8 | .8 | 1.0 | 1.5 | 1.1 | .9 | .4 | | | | | | | | | 79 | 79 | 87 | 52 |
| 60/ 59 | 1.3 | 1.9 | .8 | .8 | .4 | 1.1 | 1.1 | 1.1 | | | | | | | | | | 78 | 78 | 82 | 63 |
| 58/ 57 | .2 | .9 | .8 | .2 | 1.0 | 1.2 | 1.0 | .1 | | | | | | | | | | 49 | 49 | 77 | 59 |
| 56/ 55 | .6 | .3 | .4 | .2 | 1.3 | 1.0 | .9 | .2 | | | | | | | | | | 46 | 46 | 59 | 44 |
| 54/ 53 | | .9 | .2 | .8 | .4 | 1.2 | .4 | .2 | | | | | | | | | | 38 | 38 | 68 | 57 |
| 52/ 51 | .3 | .6 | .2 | .2 | .5 | 1.1 | .6 | | | | | | | | | | | 34 | 34 | 50 | 59 |
| 50/ 49 | .5 | .9 | .3 | .6 | .5 | .8 | .2 | | | | | | | | | | | 36 | 36 | 64 | 36 |
| 48/ 47 | .1 | .8 | | .8 | .2 | .5 | .1 | | | | | | | | | | | 23 | 23 | 62 | 39 |
| 46/ 45 | .2 | .5 | | .3 | .6 | .4 | | | | | | | | | | | | 20 | 20 | 45 | 37 |
| 44/ 43 | .1 | .2 | .3 | | .6 | .2 | | | | | | | | | | | | 14 | 14 | 33 | 41 |
| 42/ 41 | .1 | | .2 | .3 | .4 | | | | | | | | | | | | | 10 | 10 | 30 | 41 |
| 40/ 39 | | .8 | .2 | .1 | .1 | | | | | | | | | | | | | 11 | 11 | 20 | 53 |
| 38/ 37 | | .1 | | .2 | .2 | | | | | | | | | | | | | 5 | 5 | 25 | 28 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 10 | 35 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 8 | 27 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 41 |
| 30/ 29 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | 24 |
| 28/ 27 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | 15 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 18 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.7 | 15.6 | 13.7 | 13.9 | 14.3 | 15.2 | 12.2 | 6.3 | 3.1 | .8 | .2 | .1 | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel Hum | 4251501 | 59855 | 64.4 | 20.730 | 930 | | | | | | | |
| Dry Bulb | 3610307 | 57339 | 61.7 | 8.990 | 930 | | .3 | 30.5 | 9.2 | .2 | | 93 |
| Wet Bulb | 2871707 | 50973 | 54.8 | 9.157 | 930 | | .7 | 7.9 | | | | 93 |
| Dew Point | 2314707 | 44841 | 48.2 | 12.818 | 930 | | 13.2 | 4.6 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B. & W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 74/ 73 | | .4 | .6 | 1.0 | | | | | | | | | | | | | | 19 | 19 | | |
| 72/ 71 | | 1.2 | .9 | .1 | .3 | | .1 | | .1 | | | | | | | | | 25 | 25 | 9 | 1 |
| 70/ 69 | .4 | 1.1 | 1.2 | .3 | .2 | | .2 | | | | | | | | | | | 32 | 32 | 20 | 19 |
| 68/ 67 | .1 | 2.4 | 1.7 | .9 | .6 | .3 | | | | | | | | | | | | 56 | 56 | 30 | 19 |
| 66/ 65 | .1 | 2.6 | 2.0 | .9 | .3 | .2 | .2 | .1 | .1 | | | | | | | | | 61 | 61 | 43 | 37 |
| 64/ 63 | .4 | 3.1 | 1.7 | 1.8 | 1.3 | .4 | .2 | | | | | | | | | | | 84 | 84 | 52 | 47 |
| 62/ 61 | 1.2 | 3.3 | 1.4 | 1.4 | .9 | 1.0 | .5 | | | | | | | | | | | 90 | 90 | 67 | 45 |
| 60/ 59 | 1.8 | 3.4 | 1.5 | 1.3 | 1.1 | 1.6 | .2 | | | | | | | | | | | 102 | 102 | 75 | 70 |
| 58/ 57 | .3 | 1.8 | 1.5 | 1.1 | 1.1 | 1.2 | .3 | | | | | | | | | | | 68 | 68 | 88 | 59 |
| 56/ 55 | .8 | 1.5 | .8 | .6 | 1.5 | 1.2 | .5 | .1 | | | | | | | | | | 65 | 65 | 59 | 61 |
| 54/ 53 | .3 | 2.0 | .8 | 1.7 | 1.5 | 1.1 | .2 | | | | | | | | | | | 71 | 71 | 56 | 41 |
| 52/ 51 | .2 | 1.5 | 1.0 | 1.0 | .9 | .8 | | | | | | | | | | | | 49 | 49 | 64 | 57 |
| 50/ 49 | .9 | 1.2 | 1.0 | 1.5 | .9 | .6 | | | | | | | | | | | | 56 | 56 | 65 | 57 |
| 48/ 47 | .1 | .8 | .2 | 1.6 | .9 | .3 | | | | | | | | | | | | 36 | 36 | 57 | 39 |
| 46/ 45 | | 1.0 | .9 | .2 | .3 | | | | | | | | | | | | | 22 | 22 | 58 | 23 |
| 44/ 43 | .1 | .8 | .6 | 1.0 | .2 | | | | | | | | | | | | | 25 | 25 | 49 | 38 |
| 42/ 41 | | .3 | .9 | .6 | .6 | | | | | | | | | | | | | 23 | 23 | 37 | 58 |
| 40/ 39 | | .4 | .6 | .6 | .1 | | | | | | | | | | | | | 17 | 17 | 26 | 40 |
| 38/ 37 | | .5 | .4 | .3 | | | | | | | | | | | | | | 12 | 12 | 22 | 41 |
| 36/ 35 | | .3 | | .4 | | | | | | | | | | | | | | 7 | 7 | 23 | 46 |
| 34/ 33 | | .1 | | .3 | | | | | | | | | | | | | | 4 | 4 | 14 | 21 |
| 32/ 31 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 5 | 35 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 7 | 23 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 26/ 25 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | 6 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.8 | 30.0 | 19.9 | 18.9 | 12.7 | 8.7 | 2.6 | .2 | .2 | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 5464002 | 69394 | 74.6 | 17.546 | 930 | | | | | | | |
| Dry Bulb | 3115606 | 53186 | 57.2 | 8.921 | 930 | | .6 | 13.2 | 1.9 | | | 93 |
| Wet Bulb | 2687659 | 49197 | 52.9 | 9.573 | 930 | | 1.6 | 5.9 | | | | 93 |
| Dew Point | 2335659 | 45177 | 48.6 | 12.323 | 930 | | 11.1 | 3.9 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAR (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 90/ 89 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | | .0 | .0 | .0 | .0 | | | | | 4 | 4 | | |
| 86/ 85 | | | | | | | | .0 | .1 | .1 | .1 | | .0 | | | | | 19 | 19 | | |
| 84/ 83 | | | | | | | .0 | .0 | .1 | .1 | | .1 | .0 | .0 | | | | 28 | 28 | | |
| 82/ 81 | | | | | .0 | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | 80 | 80 | | |
| 80/ 79 | | | | .0 | .1 | .3 | .3 | .3 | .3 | .1 | .1 | .0 | .0 | .0 | | | | 132 | 132 | | |
| 78/ 77 | | | | .2 | .3 | .2 | .3 | .2 | .3 | .2 | .1 | .1 | .0 | | | | | 139 | 139 | | |
| 76/ 75 | | | .2 | .6 | .5 | .4 | .3 | .3 | .3 | .2 | .2 | .0 | .0 | | | | | 220 | 220 | | |
| 74/ 73 | | .2 | .5 | .7 | .4 | .6 | .4 | .4 | .3 | .3 | .2 | .1 | | | | | | 298 | 298 | 8 | |
| 72/ 71 | | .5 | 1.0 | .5 | .5 | .4 | .6 | .4 | .3 | .3 | .2 | | | | | | | 357 | 357 | 104 | 4 |
| 70/ 69 | .1 | 1.0 | 1.4 | .5 | .5 | .5 | .4 | .4 | .3 | .3 | .1 | | | | | | | 412 | 412 | 239 | 102 |
| 68/ 67 | .2 | 1.2 | 1.4 | .6 | .4 | .6 | .3 | .4 | .2 | .4 | .0 | | | | | | | 427 | 427 | 315 | 213 |
| 66/ 65 | .2 | 2.3 | 1.0 | .5 | .6 | .4 | .5 | .4 | .4 | .3 | | | | | | | | 493 | 493 | 386 | 242 |
| 64/ 63 | .4 | 2.7 | .7 | .8 | .6 | .5 | .4 | .3 | .4 | .1 | | | | | | | | 513 | 513 | 550 | 394 |
| 62/ 61 | .9 | 2.5 | .8 | .6 | .5 | .6 | .3 | .4 | .3 | | | | | | | | | 515 | 515 | 542 | 433 |
| 60/ 59 | 1.5 | 2.2 | .8 | .7 | .4 | .8 | .3 | .6 | .2 | | | | | | | | | 557 | 557 | 583 | 541 |
| 58/ 57 | .5 | 1.6 | .9 | .6 | .6 | .5 | .4 | .4 | .2 | | | | | | | | | 419 | 419 | 503 | 407 |
| 56/ 55 | .6 | 1.5 | 1.0 | .7 | .7 | .6 | .4 | .2 | .0 | | | | | | | | | 415 | 415 | 453 | 373 |
| 54/ 53 | .6 | 1.5 | .9 | .8 | .7 | .6 | .4 | .2 | | | | | | | | | | 409 | 409 | 486 | 358 |
| 52/ 51 | .4 | 1.5 | 1.0 | .7 | .7 | .4 | .3 | .0 | | | | | | | | | | 376 | 376 | 457 | 398 |
| 50/ 49 | .6 | 1.3 | .9 | .7 | .5 | .3 | .2 | .0 | | | | | | | | | | 339 | 339 | 502 | 416 |
| 48/ 47 | .3 | 1.0 | .3 | .9 | .5 | .3 | .1 | | | | | | | | | | | 263 | 263 | 426 | 379 |
| 46/ 45 | .4 | 1.0 | .8 | .6 | .3 | .2 | .0 | | | | | | | | | | | 249 | 249 | 391 | 294 |
| 44/ 43 | .3 | .9 | .5 | .7 | .2 | .1 | .0 | | | | | | | | | | | 193 | 193 | 342 | 322 |
| 42/ 41 | .1 | .6 | .9 | .5 | .2 | | | | | | | | | | | | | 168 | 168 | 308 | 329 |
| 40/ 39 | .1 | .6 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 126 | 126 | 238 | 319 |
| 38/ 37 | .0 | .6 | .3 | .2 | .0 | | | | | | | | | | | | | 94 | 94 | 215 | 307 |
| 36/ 35 | .1 | .3 | .3 | .2 | .0 | | | | | | | | | | | | | 63 | 63 | 139 | 259 |
| 34/ 33 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | | 41 | 41 | 79 | 251 |
| 32/ 31 | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | 41 | 41 | 62 | 329 |
| 30/ 29 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 15 | 15 | 43 | 219 |
| 28/ 27 | | .1 | .0 | .0 | | | | | | | | | | | | | | 10 | 10 | 28 | 138 |
| 26/ 25 | | .1 | .0 | .0 | | | | | | | | | | | | | | 7 | 7 | 14 | 102 |
| 24/ 23 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 7 | 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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAR MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | .0 | .0 | | | | | | | | | | | | | | | 5 | 5 | 6 | 81 |
| 20/ 19 | | .0 | .1 | | | | | | | | | | | | | | | 7 | 7 | 3 | 85 |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 26 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 11 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.6 | 25.6 | 16.9 | 12.5 | 9.4 | 8.4 | 6.4 | 5.2 | 3.8 | 2.5 | 1.0 | .5 | .1 | .1 | | | | 7440 | 7440 | 7440 | 7440 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 39260816 | 514946 | 69.2 | 22.059 | 7440 | | | | | | | |
| Dry Bulb | 27258590 | 442422 | 59.5 | 11.300 | 7440 | | 9.0 | 211.7 | 92.1 | 19.5 | | 744 |
| Wet Bulb | 22072573 | 398223 | 53.5 | 10.093 | 7440 | | 17.4 | 66.6 | .8 | | | 744 |
| Dew Point | 18239735 | 355709 | 47.8 | 12.832 | 7440 | | 109.9 | 31.9 | | | | 744 |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | .2 | .8 | .9 | | | | | | | | | | | | | | | 17 | 17 | 3 | 2 |
| 72/ 71 | .7 | 1.9 | 1.0 | | .1 | | | | | | | | | | | | | 33 | 33 | 22 | 14 |
| 70/ 69 | 1.1 | 2.1 | 1.1 | .6 | .3 | | | | | | | | | | | | | 47 | 47 | 39 | 34 |
| 68/ 67 | 1.2 | 2.7 | 2.3 | .7 | .3 | .2 | | | | | | | | | | | | 67 | 67 | 36 | 39 |
| 66/ 65 | 1.8 | 3.2 | 1.4 | 1.9 | .4 | .1 | .3 | | | | | | | | | | | 83 | 83 | 58 | 51 |
| 64/ 63 | 1.9 | 3.4 | 2.4 | 1.8 | .8 | .3 | .1 | | .1 | | | | | | | | | 98 | 98 | 72 | 62 |
| 62/ 61 | 1.4 | 3.7 | 2.2 | 2.1 | .9 | .2 | | .1 | | | | | | | | | | 96 | 96 | 63 | 49 |
| 60/ 59 | .6 | 3.0 | 3.1 | 2.0 | 1.1 | .4 | | | | | | | | | | | | 92 | 92 | 85 | 54 |
| 58/ 57 | .6 | 2.6 | 3.3 | 2.0 | 1.6 | .3 | .1 | | | | | | | | | | | 94 | 94 | 78 | 64 |
| 56/ 55 | .1 | 1.8 | 2.9 | 2.1 | 1.6 | | | | | | | | | | | | | 76 | 76 | 80 | 60 |
| 54/ 53 | .2 | .8 | 2.4 | 2.1 | 1.0 | | | | | | | | | | | | | 59 | 59 | 73 | 63 |
| 52/ 51 | .2 | 1.0 | 1.7 | 1.6 | .7 | .1 | | | | | | | | | | | | 47 | 47 | 73 | 64 |
| 50/ 49 | .1 | .4 | 1.4 | 1.3 | .3 | | | | | | | | | | | | | 33 | 33 | 68 | 70 |
| 48/ 47 | | .9 | .8 | .8 | .2 | | | | | | | | | | | | | 24 | 24 | 46 | 38 |
| 46/ 45 | | .6 | .6 | .7 | | | | | | | | | | | | | | 16 | 16 | 42 | 46 |
| 44/ 43 | | .2 | .3 | .3 | | | | | | | | | | | | | | 8 | 8 | 29 | 47 |
| 42/ 41 | | .2 | | .3 | | | | | | | | | | | | | | 5 | 5 | 16 | 45 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 34 |
| 38/ 37 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 14 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 8 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 10.1 | 29.6 | 28.2 | 20.2 | 9.3 | 1.8 | .6 | .1 | .1 | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum | 5949001 | 72081 | 80.1 | 13.993 | 900 |
| Dry Bulb | 3278465 | 53959 | 60.0 | 6.947 | 900 |
| Wet Bulb | 2931466 | 50870 | 56.5 | 7.905 | 900 |
| Dew Point | 2664875 | 48161 | 53.5 | 9.875 | 900 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| | | 16.6 | 1.9 | | | 90 |
| | | 10.0 | .3 | | | 90 |
| | 1.5 | 8.9 | .2 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

0385C (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | .3 | 1.1 | .8 | | | | | | | | | | | | | | | 20 | 20 | 3 | 3 |
| 72/ 71 | .9 | 1.7 | .3 | | | | | | | | | | | | | | | 26 | 26 | 27 | 15 |
| 70/ 69 | 1.2 | 1.0 | 1.6 | .1 | .1 | | | | | | | | | | | | | 36 | 36 | 27 | 28 |
| 68/ 67 | 2.3 | 3.2 | .8 | .3 | .3 | | | | | | | | | | | | | 63 | 63 | 51 | 39 |
| 66/ 65 | 2.2 | 2.0 | 1.4 | .8 | | | | | | | | | | | | | | 58 | 58 | 52 | 62 |
| 64/ 63 | 1.2 | 3.2 | 1.1 | 1.2 | .4 | | .1 | | | | | | | | | | | 66 | 66 | 34 | 32 |
| 62/ 61 | 2.0 | 3.1 | 2.4 | 1.6 | | | .1 | | | | | | | | | | | 83 | 83 | 63 | 45 |
| 60/ 59 | 3.2 | 3.4 | 1.6 | .4 | .1 | .1 | .1 | | | | | | | | | | | 72 | 72 | 82 | 57 |
| 58/ 57 | 1.1 | 1.9 | 4.0 | 1.1 | .4 | .1 | | | | | | | | | | | | 78 | 78 | 68 | 66 |
| 56/ 55 | .8 | 4.4 | 2.2 | 1.7 | .2 | .4 | .1 | | | | | | | | | | | 89 | 89 | 58 | 55 |
| 54/ 53 | .3 | 2.8 | 2.8 | 1.1 | .2 | .1 | .1 | | | | | | | | | | | 67 | 67 | 88 | 57 |
| 52/ 51 | .2 | 3.3 | 2.1 | 1.6 | | | | | | | | | | | | | | 65 | 65 | 54 | 80 |
| 50/ 49 | .3 | 2.0 | 3.0 | 1.3 | | | | | | | | | | | | | | 60 | 60 | 74 | 69 |
| 48/ 47 | .2 | 1.7 | 2.0 | .8 | .2 | | | | | | | | | | | | | 44 | 44 | 58 | 45 |
| 46/ 45 | .1 | 1.8 | 1.0 | .3 | .3 | | | | | | | | | | | | | 32 | 32 | 58 | 40 |
| 44/ 43 | | .7 | 1.4 | .2 | | | | | | | | | | | | | | 21 | 21 | 45 | 51 |
| 42/ 41 | .1 | .7 | .2 | .2 | | | | | | | | | | | | | | 11 | 11 | 21 | 36 |
| 40/ 39 | | .2 | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 22 | 47 |
| 38/ 37 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 28 |
| 36/ 35 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 21 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 5 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | 15.7 | 38.6 | 29.1 | 12.9 | 2.4 | .8 | .6 | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum | 6510378 | 75764 | 84.2 | 12.136 | 900 |
| Dry Bulb | 3064397 | 52035 | 57.8 | 7.886 | 900 |
| Wet Bulb | 2811499 | 49709 | 55.2 | 8.565 | 900 |
| Dew Point | 2610328 | 47620 | 52.9 | 10.044 | 900 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum | | | | | | | |
| Dry Bulb | | | 14.5 | 2.0 | | | 90 |
| Wet Bulb | | | 10.8 | .3 | | | 90 |
| Dew Point | | 1.8 | 8.5 | .3 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | .1 | .1 | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 76/ 75 | | .1 | .7 | .3 | .1 | | | | | | | | | | | | | 11 | 11 | | |
| 74/ 73 | .1 | 1.3 | 1.2 | .6 | .1 | .1 | .1 | | | | | | | | | | | 32 | 32 | 9 | 2 |
| 72/ 71 | .7 | 1.8 | 1.0 | .7 | .8 | .3 | .2 | | | | | | | | | | | 49 | 49 | 29 | 23 |
| 70/ 69 | .7 | 2.1 | 1.7 | .9 | .3 | .4 | | | | | | | | | | | | 55 | 55 | 42 | 31 |
| 68/ 67 | 1.2 | 2.2 | 2.3 | 2.0 | .6 | .2 | .1 | | | | | | | | | | | 78 | 78 | 47 | 44 |
| 66/ 65 | 1.6 | 2.3 | 1.9 | 2.3 | .8 | | .6 | | | | | | | | | | | 85 | 85 | 52 | 50 |
| 64/ 63 | 1.0 | 3.8 | 1.8 | 1.2 | 1.1 | .4 | .2 | | | | | | | | | | | 86 | 86 | 69 | 45 |
| 62/ 61 | 1.4 | 2.6 | 2.1 | 1.3 | 1.4 | .4 | .3 | | | | | | | | | | | 87 | 87 | 105 | 67 |
| 60/ 59 | 1.0 | 1.1 | 3.6 | 1.4 | .8 | .7 | .1 | .1 | | | | | | | | | | 79 | 79 | 61 | 68 |
| 58/ 57 | .6 | 3.1 | 2.4 | .9 | 1.1 | .4 | | | | | | | | | | | | 77 | 77 | 71 | 64 |
| 56/ 55 | .2 | 2.1 | 1.8 | 1.6 | .8 | .4 | .1 | | | | | | | | | | | 63 | 63 | 87 | 67 |
| 54/ 53 | .6 | 1.9 | 1.7 | 1.9 | .4 | .3 | | | | | | | | | | | | 61 | 61 | 69 | 73 |
| 52/ 51 | .1 | 1.2 | 1.3 | .8 | .2 | .1 | | | | | | | | | | | | 34 | 34 | 58 | 55 |
| 50/ 49 | .1 | .9 | 1.7 | 1.2 | .3 | .3 | | | | | | | | | | | | 41 | 41 | 50 | 65 |
| 48/ 47 | | .7 | .7 | .7 | .2 | .1 | | | | | | | | | | | | 21 | 21 | 51 | 24 |
| 46/ 45 | .1 | .7 | 1.3 | .3 | | | | | | | | | | | | | | 22 | 22 | 37 | 42 |
| 44/ 43 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 26 | 43 |
| 42/ 41 | | .2 | .3 | .1 | | | | | | | | | | | | | | 6 | 6 | 16 | 39 |
| 40/ 39 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 11 | 35 |
| 38/ 37 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 7 | 22 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 3 | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 6 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 6 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.4 | 28.6 | 27.9 | 18.4 | 9.3 | 4.4 | 1.8 | .1 | | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5844893 | 71361 | 79.3 | 14.410 | 900 | | | | | | | |
| Dry Bulb | 3383361 | 54749 | 60.8 | 7.668 | 900 | | | 22.8 | 4.6 | | | 90 |
| Wet Bulb | 3000650 | 51443 | 57.2 | 8.193 | 900 | | | 12.7 | .9 | | | 90 |
| Dew Point | 2716862 | 48622 | 54.0 | 10.010 | 900 | | 2.0 | 10.0 | .2 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .1 | | .2 | | .3 | .1 | | | | | | | 7 | 7 | | |
| 84/ 83 | | | | | | .4 | .1 | .2 | .2 | .3 | .1 | | | | | | | 13 | 13 | | |
| 82/ 81 | | | | | .8 | .8 | .7 | .2 | .6 | .2 | .1 | .2 | | | | | | 32 | 32 | | |
| 80/ 79 | | | | .7 | 1.0 | 1.4 | .6 | 1.7 | 1.2 | .7 | .3 | .1 | | | | | | 69 | 69 | | |
| 78/ 77 | | | .4 | 1.0 | 1.8 | 1.8 | 1.8 | 1.7 | 1.1 | .2 | .4 | | | | | | | 92 | 92 | | |
| 76/ 75 | | .2 | .2 | 1.4 | 2.0 | 2.1 | 1.8 | .9 | .9 | 1.0 | .2 | | | | | | | 97 | 97 | 4 | |
| 74/ 73 | | .2 | .9 | 2.1 | .8 | 2.2 | 1.3 | .8 | .7 | .8 | .1 | | | | | | | 89 | 89 | 31 | 4 |
| 72/ 71 | | .3 | 2.0 | 1.9 | 1.7 | .8 | 2.0 | .7 | .3 | 1.0 | | | | | | | | 96 | 96 | 39 | 13 |
| 70/ 69 | .1 | .4 | 1.6 | .6 | 1.1 | 1.0 | .8 | 1.4 | .7 | .7 | .1 | | | | | | | 76 | 76 | 64 | 34 |
| 68/ 67 | .3 | .7 | 1.2 | .7 | .3 | 1.7 | 1.2 | 1.2 | 1.0 | .4 | | | | | | | | 79 | 79 | 93 | 40 |
| 66/ 65 | .6 | 1.1 | .8 | .6 | .9 | 1.0 | .9 | 1.8 | .3 | .1 | | | | | | | | 72 | 72 | 115 | 73 |
| 64/ 63 | .3 | 1.0 | .6 | .6 | .7 | 1.0 | 1.0 | 1.0 | .2 | | | | | | | | | 57 | 57 | 95 | 72 |
| 62/ 61 | .1 | .6 | .1 | .2 | .7 | 1.2 | .8 | .3 | .1 | | | | | | | | | 37 | 37 | 84 | 59 |
| 60/ 59 | .2 | .7 | .2 | .4 | .7 | 1.0 | .3 | .4 | .1 | | | | | | | | | 37 | 37 | 64 | 64 |
| 58/ 57 | .1 | .2 | | .2 | .3 | .4 | .1 | .4 | | | | | | | | | | 17 | 17 | 70 | 70 |
| 56/ 55 | | | | .1 | .4 | .3 | .1 | .3 | | | | | | | | | | 12 | 12 | 47 | 50 |
| 54/ 53 | | .2 | | | | .1 | .6 | | | | | | | | | | | 8 | 8 | 62 | 53 |
| 52/ 51 | | .1 | | .2 | .1 | .1 | .2 | | | | | | | | | | | 7 | 7 | 55 | 45 |
| 50/ 49 | | | | | .2 | .1 | | | | | | | | | | | | 3 | 3 | 33 | 42 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 15 | 30 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 10 | 43 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 9 | 35 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 32 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 46 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 19 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 7 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.8 | 5.8 | 8.0 | 10.7 | 13.4 | 17.7 | 14.2 | 13.3 | 7.4 | 5.8 | 1.6 | .3 | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3262446 | 51576 | 57.3 | 18.473 | 900 | | | | | | | |
| Dry Bulb | 4548544 | 63662 | 70.7 | 7.105 | 900 | | | 65.0 | 39.9 | 8.5 | | 90 |
| Wet Bulb | 3413806 | 55036 | 61.2 | 7.329 | 900 | | | 23.1 | 3.5 | | | 90 |
| Dew Point | 2700900 | 48284 | 53.6 | 11.088 | 900 | | 3.3 | 9.1 | .4 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | .1 | .1 | | .1 | .1 | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | .1 | .7 | .3 | | .2 | .1 | .2 | | | | | 15 | 15 | | |
| 86/ 85 | | | | | | | .6 | 1.3 | .3 | .8 | 1.0 | .6 | .3 | .2 | | | | 46 | 46 | | |
| 84/ 83 | | | | | | .7 | 2.7 | 1.4 | 1.2 | 2.4 | 1.4 | .8 | .3 | .1 | | | | 100 | 100 | | |
| 82/ 81 | | | | | .1 | 1.1 | 2.1 | 1.8 | 2.1 | 2.2 | 1.9 | .8 | .2 | | | | | 111 | 111 | | |
| 80/ 79 | | | .2 | | 1.1 | 1.7 | 2.4 | 1.8 | 2.4 | 1.4 | 2.0 | 1.0 | .1 | | | | | 128 | 128 | | |
| 78/ 77 | | | .3 | .3 | .6 | .9 | .9 | 1.4 | 1.6 | 1.2 | 1.3 | .2 | | | | | | 79 | 79 | | |
| 76/ 75 | | .1 | | 1.2 | 1.0 | .6 | .4 | .9 | 1.2 | 1.4 | 1.0 | .3 | | | | | | 74 | 74 | 4 | |
| 74/ 73 | | .1 | .4 | .9 | .3 | .3 | .7 | 1.4 | .8 | 2.1 | 1.0 | | | | | | | 73 | 73 | 38 | 2 |
| 72/ 71 | | | .7 | .7 | .1 | .2 | 1.0 | .9 | 1.6 | 1.4 | .7 | | | | | | | 65 | 65 | 65 | 6 |
| 70/ 69 | | .3 | .8 | | .1 | | .6 | .8 | 1.3 | .9 | .1 | | | | | | | 44 | 44 | 76 | 19 |
| 68/ 67 | .4 | .6 | .4 | | .3 | .8 | .7 | .6 | 1.4 | .3 | | | | | | | | 50 | 50 | 97 | 49 |
| 66/ 65 | .6 | .9 | .3 | .2 | .2 | .3 | .3 | .8 | .3 | .3 | | | | | | | | 39 | 39 | 119 | 78 |
| 64/ 63 | | .8 | .2 | .2 | | .8 | .1 | .7 | .6 | .3 | | | | | | | | 33 | 33 | 84 | 68 |
| 62/ 61 | .2 | .2 | | | .1 | .1 | .2 | .1 | .8 | | | | | | | | | 16 | 16 | 74 | 51 |
| 60/ 59 | .2 | .2 | .2 | | .2 | .2 | | .1 | .1 | | | | | | | | | 12 | 12 | 90 | 35 |
| 58/ 57 | | | | | | | .1 | .2 | | | | | | | | | | 3 | 3 | 67 | 45 |
| 56/ 55 | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | 66 | 54 |
| 54/ 53 | | .3 | | | | .1 | | | | | | | | | | | | 4 | 4 | 45 | 59 |
| 52/ 51 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 33 | 56 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 17 | 53 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 11 | 29 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 11 | 57 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 38 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 45 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 40 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 42 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 26 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 11 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 11 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 11 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

FORM 0-26-5 (OL A) AUG 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.4 | 3.6 | 3.7 | 3.6 | 4.4 | 7.9 | 13.0 | 14.9 | 16.2 | 15.1 | 10.7 | 3.9 | 1.3 | .3 | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2277454 | 42054 | 46.7 | 18.642 | 900 | | | | | | | |
| Dry Bulb | 5228007 | 68295 | 75.9 | 7.118 | 900 | | | 78.9 | 63.0 | 34.3 | | 90 |
| Wet Bulb | 3550679 | 56207 | 62.5 | 6.706 | 900 | | | 28.0 | 4.2 | | | 90 |
| Dew Point | 2572372 | 47078 | 52.3 | 11.050 | 900 | | 3.7 | 7.6 | .2 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 90/ 89 | | | | | | | | | .2 | | | .1 | .1 | | | | | | 4 | 4 | | |
| 88/ 87 | | | | | | | | .3 | .4 | | .3 | .6 | | | | | | | 15 | 15 | | |
| 86/ 85 | | | | | | .1 | | 1.0 | .6 | .1 | 1.1 | .7 | .8 | .2 | | | | | 41 | 41 | | |
| 84/ 83 | | | | | .1 | .4 | 1.2 | .8 | .9 | 2.0 | 2.4 | 1.1 | .9 | .2 | | | | | 91 | 91 | | |
| 82/ 81 | | | | | .4 | 1.2 | 1.6 | 2.0 | 2.4 | 1.7 | 3.0 | .9 | .6 | | | | | | 124 | 124 | | |
| 80/ 79 | | | | .1 | .2 | 1.7 | 1.0 | 2.0 | 1.4 | 2.2 | 2.2 | .9 | .2 | | | | | | 108 | 108 | | |
| 78/ 77 | | | | .4 | 1.0 | 1.0 | 1.7 | 1.0 | 1.3 | 1.4 | 1.0 | .6 | | | | | | | 85 | 85 | | |
| 76/ 75 | | .1 | .1 | .8 | .7 | .8 | .8 | 1.1 | 1.3 | 2.9 | 1.9 | .6 | | | | | | | 99 | 99 | 2 | |
| 74/ 73 | | | .4 | 1.0 | 1.1 | .4 | .2 | .4 | 2.0 | 1.4 | 1.7 | .1 | | | | | | | 80 | 80 | 23 | |
| 72/ 71 | | .3 | .9 | .4 | .4 | .2 | .3 | 1.1 | .7 | .9 | .7 | .1 | | | | | | | 55 | 55 | 46 | 4 |
| 70/ 69 | .1 | 1.2 | .9 | .1 | .1 | .3 | .4 | .4 | 1.0 | .7 | .2 | | | | | | | | 50 | 50 | 74 | 23 |
| 68/ 67 | .7 | 1.2 | .6 | | | .2 | .7 | .7 | .7 | 1.1 | | | | | | | | | 52 | 52 | 101 | 43 |
| 66/ 65 | .3 | .8 | | | | .3 | .8 | .7 | .3 | .4 | | | | | | | | | 33 | 33 | 120 | 69 |
| 64/ 63 | .1 | .7 | .4 | | | | .2 | .1 | .6 | .2 | | | | | | | | | 21 | 21 | 113 | 53 |
| 62/ 61 | .1 | .7 | .2 | .1 | .2 | .1 | .1 | .2 | .7 | | | | | | | | | | 22 | 22 | 73 | 58 |
| 60/ 59 | .2 | .1 | | | .2 | .1 | | .3 | | | | | | | | | | | 9 | 9 | 91 | 41 |
| 58/ 57 | | .2 | | .1 | | | .2 | | | | | | | | | | | | 5 | 5 | 85 | 39 |
| 56/ 55 | | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | 60 | 55 |
| 54/ 53 | | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 41 | 47 |
| 52/ 51 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 29 | 47 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 18 | 63 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 16 | 48 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 8 | 54 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 54 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 39 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 37 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 37 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 20 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.8 | 5.4 | 3.6 | 3.1 | 4.7 | 7.2 | 9.2 | 12.2 | 14.6 | 15.1 | 14.6 | 5.6 | 2.6 | .4 | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
| Rel. / n. | 2288408 | 41520 | 46.1 | 20.368 | 900 | | | | | | | |
| Dry Bulb | 5231505 | 68337 | 75.9 | 6.890 | 900 | | | 80.4 | 64.7 | 33.9 | | 90 |
| Wet Bulb | 3518466 | 55986 | 62.2 | 6.307 | 900 | | | 24.6 | 2.5 | | | 90 |
| Dew Point | 2505729 | 46439 | 51.6 | 11.038 | 900 | | 4.4 | 7.0 | | | | 90 |

USAFETAC FORM AM 64 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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | .1 | | | .1 | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | .1 | .1 | | | .7 | .3 | .1 | .1 | | | | | | 13 | 13 | | |
| 80/ 79 | | | | | .7 | .2 | .2 | 1.0 | .2 | .4 | .3 | | | | | | | 28 | 28 | | |
| 78/ 77 | | | | .9 | 1.3 | .9 | .8 | .2 | 1.0 | 1.1 | | .1 | | | | | | 57 | 57 | | |
| 76/ 75 | | | .9 | 1.2 | .2 | 1.7 | 2.1 | 1.4 | 1.1 | .1 | .1 | | | | | | | 79 | 79 | | |
| 74/ 73 | | | 1.0 | 1.6 | 1.7 | 1.3 | 1.1 | 2.0 | 1.0 | .4 | .1 | | | | | | | 92 | 92 | 6 | |
| 72/ 71 | | .3 | 1.8 | 1.9 | 2.2 | 1.3 | 1.8 | 2.3 | 1.2 | .7 | | | | | | | | 122 | 122 | 30 | 2 |
| 70/ 69 | | 1.3 | 2.6 | 1.1 | .9 | 1.7 | 2.2 | .9 | .9 | .3 | | | | | | | | 107 | 107 | 39 | 30 |
| 68/ 67 | .6 | 1.8 | .9 | .9 | 1.1 | 1.6 | 1.8 | 1.2 | 1.0 | .1 | | | | | | | | 98 | 98 | 66 | 32 |
| 66/ 65 | 1.0 | 2.2 | .4 | .8 | .9 | 1.8 | 1.9 | 1.0 | .4 | | | | | | | | | 94 | 94 | 129 | 74 |
| 64/ 63 | .4 | 1.3 | .7 | .2 | .8 | 1.9 | 1.3 | .9 | .1 | | | | | | | | | 69 | 69 | 96 | 60 |
| 62/ 61 | .1 | .2 | .2 | .4 | 1.2 | 1.0 | 1.1 | .3 | | | | | | | | | | 42 | 42 | 77 | 55 |
| 60/ 59 | .3 | .7 | | .7 | .4 | .4 | .3 | .6 | | | | | | | | | | 31 | 31 | 95 | 57 |
| 58/ 57 | .1 | .3 | | .7 | .4 | .8 | .6 | .1 | | | | | | | | | | 27 | 27 | 88 | 57 |
| 56/ 55 | | .3 | .2 | | .2 | .4 | .2 | | | | | | | | | | | 13 | 13 | 74 | 51 |
| 54/ 53 | | .4 | | | .7 | .4 | .1 | | | | | | | | | | | 15 | 15 | 73 | 38 |
| 52/ 51 | | | | | .3 | .2 | .1 | | | | | | | | | | | 6 | 6 | 55 | 54 |
| 50/ 49 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 23 | 65 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 15 | 67 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 19 | 56 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 8 | 45 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 6 | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 31 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 24 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 14 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.6 | 9.0 | 8.7 | 10.4 | 13.6 | 15.9 | 15.6 | 12.1 | 7.7 | 3.6 | .8 | .2 | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3471146 | 53120 | 59.0 | 19.329 | 900 | | | | | | | |
| Dry Bulb | 4308702 | 62004 | 68.9 | 6.419 | 900 | | | 59.9 | 27.2 | 2.5 | | 90 |
| Wet Bulb | 3273385 | 53947 | 59.9 | 6.649 | 900 | | | 14.1 | .6 | | | 90 |
| Dew Point | 2594051 | 47431 | 52.7 | 10.246 | 900 | | 2.6 | 6.4 | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | APR MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | .1 | .6 | .2 | .1 | | | | | | | | | | | | | 9 | 9 | | |
| 74/ 73 | | .7 | 1.3 | .3 | .3 | .2 | .1 | | | | | | | | | | | 26 | 26 | 3 | |
| 72/ 71 | .2 | 1.6 | 1.4 | .8 | .9 | .3 | .1 | .2 | | | | | | | | | | 50 | 50 | 20 | 16 |
| 70/ 69 | .4 | 2.3 | 3.8 | 2.0 | 1.6 | .7 | .8 | | | | | | | | | | | 104 | 104 | 39 | 19 |
| 68/ 67 | .3 | 2.0 | 3.6 | 1.9 | .8 | .8 | .3 | .2 | | | | | | | | | | 91 | 91 | 38 | 37 |
| 66/ 65 | 1.8 | 3.3 | 2.0 | 2.4 | 2.6 | 1.8 | .7 | .1 | .1 | | | | | | | | | 133 | 133 | 86 | 62 |
| 64/ 63 | 1.6 | 2.3 | 2.8 | 1.9 | 2.8 | 1.8 | .6 | | | | | | | | | | | 123 | 123 | 98 | 69 |
| 62/ 61 | .7 | 1.2 | 1.4 | 2.7 | 2.2 | 1.2 | .8 | | | | | | | | | | | 92 | 92 | 84 | 71 |
| 60/ 59 | .7 | 1.0 | 2.1 | 2.0 | 1.8 | .9 | .1 | | | | | | | | | | | 77 | 77 | 77 | 64 |
| 58/ 57 | | .7 | .6 | 2.0 | 2.8 | 1.2 | .1 | | | | | | | | | | | 66 | 66 | 94 | 60 |
| 56/ 55 | .2 | .7 | 1.1 | 1.4 | 1.1 | .7 | | | | | | | | | | | | 47 | 47 | 78 | 65 |
| 54/ 53 | | .3 | 1.0 | 1.1 | .9 | .4 | .2 | | | | | | | | | | | 36 | 36 | 71 | 32 |
| 52/ 51 | | .2 | | .9 | 1.1 | | | | | | | | | | | | | 20 | 20 | 68 | 66 |
| 50/ 49 | | | .2 | .2 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 60 | 63 |
| 48/ 47 | | .1 | .3 | .6 | .2 | .1 | | | | | | | | | | | | 12 | 12 | 25 | 56 |
| 46/ 45 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | 25 | 52 |
| 44/ 43 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 18 | 37 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 37 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 7 | 32 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 17 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 13 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 5 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.9 | 16.6 | 22.8 | 21.0 | 19.1 | 10.2 | 3.8 | .6 | .1 | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4999276 | 65542 | 72.8 | 15.863 | 900 | | | | | | | |
| Dry Bulb | 3627106 | 56874 | 63.2 | 6.063 | 900 | | | 28.0 | 3.5 | | | 90 |
| Wet Bulb | 3085133 | 52297 | 58.1 | 7.174 | 900 | | | 10.0 | .3 | | | 90 |
| Dew Point | 2692320 | 48446 | 53.8 | 9.725 | 900 | | .9 | 7.2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 90/ 89 | | | | | | | | | .0 | .0 | | .0 | .0 | | | | | 8 | 8 | | |
| 88/ 87 | | | | | | | .0 | .1 | .1 | | .1 | .1 | .0 | | | | | 30 | 30 | | |
| 86/ 85 | | | | | | .0 | .1 | .3 | .1 | .2 | .3 | .2 | .1 | .1 | | | | 96 | 96 | | |
| 84/ 83 | | | | | .0 | .2 | .5 | .3 | .3 | .6 | .5 | .2 | .2 | .0 | | | | 205 | 205 | | |
| 82/ 81 | | | | | .3 | .4 | .5 | .5 | .7 | .6 | .6 | .3 | .1 | | | | | 280 | 280 | | |
| 80/ 79 | | | .0 | .1 | .4 | .6 | .5 | .8 | .7 | .6 | .6 | .3 | .0 | | | | | 333 | 333 | | |
| 78/ 77 | | | .1 | .3 | .6 | .6 | .6 | .5 | .6 | .5 | .3 | .1 | | | | | | 316 | 316 | | |
| 76/ 75 | | .1 | .3 | .7 | .5 | .6 | .6 | .5 | .6 | .7 | .4 | .1 | | | | | | 371 | 371 | 10 | |
| 74/ 73 | .1 | .5 | .9 | .8 | .5 | .6 | .4 | .6 | .6 | .6 | .4 | .0 | | | | | | 429 | 429 | 116 | 13 |
| 72/ 71 | .3 | 1.0 | 1.1 | .8 | .8 | .4 | .7 | .7 | .5 | .5 | .2 | .0 | | | | | | 496 | 496 | 278 | 93 |
| 70/ 69 | .5 | 1.4 | 1.7 | .7 | .6 | .5 | .6 | .4 | .5 | .3 | .1 | | | | | | | 519 | 519 | 400 | 218 |
| 68/ 67 | .9 | 1.8 | 1.5 | .8 | .5 | .7 | .6 | .5 | .5 | .3 | | | | | | | | 578 | 578 | 529 | 323 |
| 66/ 65 | 1.2 | 2.0 | 1.0 | 1.1 | .7 | .7 | .7 | .5 | .2 | .1 | | | | | | | | 597 | 597 | 731 | 519 |
| 64/ 63 | .8 | 2.1 | 1.3 | .9 | .8 | .8 | .5 | .3 | .2 | .1 | | | | | | | | 553 | 553 | 661 | 461 |
| 62/ 61 | .8 | 1.5 | 1.1 | 1.1 | .8 | .5 | .4 | .1 | .2 | | | | | | | | | 475 | 475 | 623 | 455 |
| 60/ 59 | .7 | 1.3 | 1.3 | .9 | .7 | .5 | .1 | .2 | .0 | | | | | | | | | 409 | 409 | 645 | 440 |
| 58/ 57 | .3 | 1.1 | 1.3 | .9 | .8 | .4 | .2 | .1 | | | | | | | | | | 367 | 367 | 621 | 465 |
| 56/ 55 | .2 | 1.2 | 1.0 | .9 | .6 | .3 | .1 | .0 | | | | | | | | | | 306 | 306 | 550 | 457 |
| 54/ 53 | .1 | .9 | 1.0 | .8 | .4 | .2 | .1 | | | | | | | | | | | 251 | 251 | 522 | 422 |
| 52/ 51 | .1 | .7 | .6 | .6 | .3 | .1 | .0 | | | | | | | | | | | 182 | 182 | 425 | 467 |
| 50/ 49 | .1 | .4 | .8 | .5 | .2 | .1 | | | | | | | | | | | | 146 | 146 | 343 | 490 |
| 48/ 47 | .0 | .4 | .5 | .3 | .1 | .0 | | | | | | | | | | | | 101 | 101 | 237 | 337 |
| 46/ 45 | .0 | .4 | .4 | .2 | .0 | | | | | | | | | | | | | 76 | 76 | 210 | 390 |
| 44/ 43 | .0 | .1 | .3 | .1 | .0 | | | | | | | | | | | | | 37 | 37 | 138 | 350 |
| 42/ 41 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | | 22 | 22 | 75 | 307 |
| 40/ 39 | | .1 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 51 | 288 |
| 38/ 37 | | .0 | .0 | | | | | | | | | | | | | | | 5 | 5 | 21 | 254 |
| 36/ 35 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 13 | 161 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 88 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 69 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 63 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 42 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 10 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) APR (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.1 | 17.1 | 16.5 | 12.5 | 9.5 | 8.2 | 7.3 | 6.7 | 5.8 | 4.9 | 3.4 | 1.3 | .5 | .1 | | | | | 7200 | | 7200 |
| | | | | | | | | | | | | | | | | | | 7200 | | 7200 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 34603002 | 473018 | 65.7 | 22.135 | 7200 | | | | | | | |
| Dry Bulb | 32670087 | 479915 | 66.7 | 9.729 | 7200 | | | 366.1 | 206.8 | 79.2 | | 720 |
| Wet Bulb | 25585080 | 425494 | 59.1 | 7.817 | 7200 | | | 133.3 | 12.6 | | | 720 |
| Dew Point | 21057935 | 382081 | 53.1 | 10.423 | 7200 | | 20.2 | 64.7 | 1.3 | | | 720 |

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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | .4 | .4 | .2 | | | | | | | | | | | | | 10 | 10 | | |
| 76/ 75 | | 1.3 | .6 | .3 | .5 | | | | | | | | | | | | | 26 | 26 | | |
| 74/ 73 | | 1.2 | 3.1 | 2.5 | .3 | | | | | | | | | | | | | 66 | 66 | 22 | 7 |
| 72/ 71 | .8 | 5.3 | 6.3 | .4 | .2 | | | | | | | | | | | | | 121 | 121 | 43 | 33 |
| 70/ 69 | 1.8 | 7.7 | 7.2 | 1.2 | .1 | .1 | | | | | | | | | | | | 169 | 169 | 119 | 80 |
| 68/ 67 | 2.8 | 6.9 | 3.9 | 1.0 | .2 | .1 | | | | | | | | | | | | 138 | 138 | 199 | 152 |
| 66/ 65 | 1.9 | 6.5 | 1.8 | 1.7 | .8 | .2 | .1 | | | | | | | | | | | 121 | 121 | 135 | 160 |
| 64/ 63 | 2.0 | 3.2 | 1.3 | 2.2 | .9 | .1 | .2 | | | | | | | | | | | 92 | 92 | 115 | 129 |
| 62/ 61 | .9 | 2.0 | 1.0 | 1.6 | .9 | | | | | | | | | | | | | 59 | 59 | 56 | 80 |
| 60/ 59 | 1.3 | 1.1 | 2.5 | .4 | .4 | .2 | .1 | | | | | | | | | | | 56 | 56 | 59 | 62 |
| 58/ 57 | | 1.0 | .9 | .4 | .2 | .2 | | | | | | | | | | | | 25 | 25 | 57 | 30 |
| 56/ 55 | .3 | 1.2 | .4 | .5 | .3 | | | | | | | | | | | | | 26 | 26 | 54 | 32 |
| 54/ 53 | .1 | .2 | .5 | .2 | .1 | | | | | | | | | | | | | 11 | 11 | 26 | 52 |
| 52/ 51 | | .2 | .4 | .1 | | | | | | | | | | | | | | 7 | 7 | 18 | 43 |
| 50/ 49 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 16 | 24 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.9 | 38.1 | 30.4 | 13.0 | 5.2 | 1.0 | .4 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6914730 | 79524 | 85.5 | 11.110 | 930 | | | | | | | |
| Dry Bulb | 4158713 | 61997 | 66.7 | 5.268 | 930 | | | 53.0 | 10.2 | | | 93 |
| Wet Bulb | 3825050 | 59402 | 63.9 | 5.763 | 930 | | | 38.3 | 2.2 | | | 93 |
| Dew Point | 3626342 | 57710 | 62.1 | 6.977 | 930 | | | 27.2 | .7 | | | 93 |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | .4 | .1 | | | | | | | | | | | | | | 5 | 5 | | |
| 76/ 75 | | 1.3 | .3 | | | | | | | | | | | | | | | 15 | 15 | | |
| 74/ 73 | | .4 | 1.0 | .8 | | | | | | | | | | | | | | 20 | 20 | 18 | 12 |
| 72/ 71 | .9 | 3.8 | 4.3 | .5 | | | | | | | | | | | | | | 88 | 88 | 24 | 18 |
| 70/ 69 | 2.4 | 5.8 | 5.4 | .4 | .2 | | | | | | | | | | | | | 132 | 132 | 87 | 61 |
| 68/ 67 | 4.9 | 8.9 | 3.7 | .2 | | | | | | | | | | | | | | 165 | 165 | 163 | 128 |
| 66/ 65 | 3.3 | 6.8 | 1.2 | .2 | .2 | | | | | | | | | | | | | 109 | 109 | 158 | 172 |
| 64/ 63 | 3.9 | 5.3 | 1.6 | .9 | .2 | | | | | | | | | | | | | 110 | 110 | 127 | 133 |
| 62/ 61 | 2.2 | 2.3 | .9 | .8 | .4 | | | | | | | | | | | | | 60 | 60 | 72 | 89 |
| 60/ 59 | 1.9 | 2.6 | 2.8 | 1.0 | .3 | | | | | | | | | | | | | 80 | 80 | 58 | 62 |
| 58/ 57 | .8 | 2.5 | 2.2 | .1 | .3 | | | | | | | | | | | | | 54 | 54 | 51 | 41 |
| 56/ 55 | .5 | 2.0 | 1.0 | | .2 | .1 | | | | | | | | | | | | 36 | 36 | 62 | 44 |
| 54/ 53 | | .9 | .4 | .5 | .1 | .1 | | | | | | | | | | | | 19 | 19 | 42 | 39 |
| 52/ 51 | .2 | .8 | .6 | .2 | | | | | | | | | | | | | | 17 | 17 | 20 | 52 |
| 50/ 49 | .1 | .6 | .4 | .3 | | | | | | | | | | | | | | 14 | 14 | 17 | 20 |
| 48/ 47 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 17 | 18 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 12 | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 8 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 8 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 8 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 21.1 | 44.2 | 26.3 | 6.1 | 2.0 | .2 | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 7466166 | 82852 | 89.1 | 9.567 | 930 | | | | | | | |
| Dry Bulb | 3923476 | 60166 | 64.7 | 5.782 | 930 | | | 42.6 | 4.1 | | | 93 |
| Wet Bulb | 3690592 | 58302 | 62.7 | 6.192 | 930 | | | 29.2 | 1.8 | | | 93 |
| Dew Point | 3547863 | 57057 | 61.4 | 7.138 | 930 | | | 21.9 | 1.2 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | .2 | .5 | .2 | | | | | | | | | | | | 9 | 9 | | |
| 80/ 79 | | | .4 | .3 | .8 | .5 | .1 | | | | | | | | | | | 20 | 20 | | |
| 78/ 77 | | .1 | .9 | 2.3 | 1.3 | .4 | .1 | | | | | | | | | | | 45 | 45 | | |
| 76/ 75 | | 1.3 | 1.5 | 3.1 | 1.2 | | .2 | .3 | | | | | | | | | | 71 | 71 | 13 | |
| 74/ 73 | .1 | 2.2 | 4.6 | 2.8 | .9 | .4 | | | | | | | | | | | | 102 | 102 | 38 | 21 |
| 72/ 71 | .5 | 4.7 | 5.9 | 1.6 | .9 | .4 | .1 | .1 | | | | | | | | | | 133 | 133 | 102 | 44 |
| 70/ 69 | 2.0 | 5.9 | 4.4 | .8 | .4 | .6 | .2 | .1 | .1 | | | | | | | | | 136 | 136 | 147 | 116 |
| 68/ 67 | 2.4 | 4.5 | 3.4 | .6 | 1.1 | .3 | | | | | | | | | | | | 115 | 115 | 178 | 165 |
| 66/ 65 | 2.2 | 4.0 | 1.7 | 1.0 | .8 | .2 | .1 | .2 | | | | | | | | | | 94 | 94 | 119 | 160 |
| 64/ 63 | 1.7 | 2.0 | 1.2 | 1.7 | .5 | .5 | .1 | | | | | | | | | | | 73 | 73 | 80 | 100 |
| 62/ 61 | .6 | 1.6 | 1.4 | .6 | .4 | .2 | | | | | | | | | | | | 46 | 46 | 59 | 64 |
| 60/ 59 | .2 | 1.2 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | | 29 | 29 | 59 | 50 |
| 58/ 57 | | 1.1 | 1.2 | .5 | .2 | | | | | | | | | | | | | 28 | 28 | 49 | 36 |
| 56/ 55 | .1 | .5 | .1 | .1 | .3 | .1 | | | | | | | | | | | | 12 | 12 | 30 | 37 |
| 54/ 53 | | .1 | .3 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 26 | 44 |
| 52/ 51 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 12 | 36 |
| 50/ 49 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 9 | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 6 | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 3 | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 9.9 | 29.8 | 28.4 | 16.1 | 7.9 | 4.5 | 1.0 | .8 | .1 | | | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 6452445 | 76545 | 82.3 | 12.804 | 930 | | | | | | | |
| Dry Bulb | 4439473 | 64023 | 68.8 | 5.870 | 930 | | | 63.4 | 25.0 | 2.1 | | 93 |
| Wet Bulb | 3989539 | 60673 | 65.2 | 5.799 | 930 | | | 47.8 | 5.1 | | | 93 |
| Dew Point | 3732688 | 58558 | 63.0 | 7.002 | 930 | | | 34.6 | 2.1 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | .1 | | .2 | .2 | | | | | | | | 5 | 5 | | |
| 90/ 89 | | | | | | | | .1 | .8 | .2 | .2 | .3 | | | | | | 15 | 15 | | |
| 88/ 87 | | | | | | .1 | .4 | 1.2 | 1.1 | .8 | .2 | | | | | | | 35 | 35 | | |
| 86/ 85 | | | | | | 1.0 | 1.6 | 2.0 | .8 | .6 | .2 | .1 | | | | | | 59 | 59 | | |
| 84/ 83 | | | | .2 | .1 | 2.2 | 3.1 | 1.5 | .8 | .9 | .2 | | | | | | | 83 | 83 | 1 | |
| 82/ 81 | | | | .8 | 1.8 | 3.2 | 2.4 | 1.6 | .8 | .4 | .3 | .1 | | | | | | 108 | 108 | | |
| 80/ 79 | | | .5 | 2.9 | 2.9 | 3.3 | 2.5 | 1.2 | .8 | .4 | .3 | | | | | | | 138 | 138 | 1 | 1 |
| 78/ 77 | | .3 | .8 | 1.8 | 4.1 | 1.9 | 1.3 | .6 | 1.1 | .3 | .2 | | | | | | | 116 | 116 | 4 | |
| 76/ 75 | | .3 | 2.6 | 2.3 | 1.5 | 1.5 | 1.3 | 1.4 | .5 | .4 | .1 | | | | | | | 108 | 108 | 49 | 5 |
| 74/ 73 | .2 | 1.1 | 1.2 | 2.0 | 1.3 | .6 | .8 | .6 | .2 | .2 | .2 | | | | | | | 79 | 79 | 134 | 24 |
| 72/ 71 | | .9 | 2.7 | .9 | .4 | .5 | .4 | .4 | .3 | .4 | | | | | | | | 65 | 65 | 178 | 54 |
| 70/ 69 | .3 | 1.1 | 1.6 | .2 | .5 | .4 | .4 | .2 | .2 | .1 | | | | | | | | 48 | 48 | 162 | 110 |
| 68/ 67 | .1 | 1.2 | .6 | .4 | .4 | .3 | .1 | .1 | .3 | .1 | | | | | | | | 35 | 35 | 131 | 156 |
| 66/ 65 | .1 | .3 | .1 | .4 | .2 | | .1 | .1 | | | | | | | | | | 13 | 13 | 81 | 127 |
| 64/ 63 | .1 | .5 | .5 | .1 | | .1 | .1 | | | | | | | | | | | 14 | 14 | 52 | 108 |
| 62/ 61 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 53 | 62 |
| 60/ 59 | | .1 | .1 | | | .1 | | | | | | | | | | | | 3 | 3 | 37 | 74 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 22 | 43 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 32 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 8 | 22 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 18 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 8 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 7 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 6.1 | 11.0 | 12.0 | 13.3 | 15.5 | 14.3 | 11.4 | 7.7 | 5.2 | 2.0 | .5 | | | | | | 930 | | 930 | |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3843269 | 57741 | 62.1 | 16.674 | 930 | | | | | | | |
| Dry Bulb | 5643366 | 72234 | 77.7 | 5.949 | 930 | | | 89.5 | 74.7 | 38.0 | .1 | 93 |
| Wet Bulb | 4364706 | 63536 | 68.3 | 5.087 | 930 | | | 66.0 | 18.9 | .2 | | 93 |
| Dew Point | 3712725 | 58325 | 62.7 | 7.685 | 930 | | .1 | 35.0 | 3.0 | | | 93 |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | .3 | .9 | .2 | .1 | | | | | 14 | 14 | | |
| 92/ 91 | | | | | | | | | .4 | 1.1 | 1.1 | .6 | .3 | | | | | 33 | 33 | | |
| 90/ 89 | | | | | | | | .4 | 1.9 | 2.6 | 1.3 | .3 | .5 | .2 | | | | 68 | 68 | | |
| 88/ 87 | | | | | | .2 | 1.5 | 1.5 | 2.7 | 1.8 | 1.0 | .6 | .1 | | | | | 88 | 88 | | |
| 86/ 85 | | | | .1 | .3 | 1.2 | 2.2 | 3.5 | 2.3 | 1.9 | .5 | .9 | .1 | | | | | 121 | 121 | | |
| 84/ 83 | | | | | .3 | 1.3 | 2.2 | 4.2 | 2.9 | 1.2 | 1.2 | .4 | | | | | | 127 | 127 | | |
| 82/ 81 | | | | .3 | 1.1 | 2.3 | 3.2 | 1.5 | .9 | .9 | 1.0 | .4 | | | | | | 107 | 107 | | |
| 80/ 79 | | | .4 | 1.2 | 1.3 | 2.3 | 2.3 | .9 | 1.1 | 1.5 | .5 | .1 | | | | | | 107 | 107 | 2 | |
| 78/ 77 | | | .4 | 1.4 | 1.5 | 1.1 | .9 | .5 | 1.2 | .8 | .6 | .1 | | | | | | 79 | 79 | 10 | |
| 76/ 75 | | .2 | .5 | 1.1 | .9 | .6 | .1 | .9 | .8 | .3 | .4 | | | | | | | 54 | 54 | 49 | 5 |
| 74/ 73 | .2 | .4 | .8 | 1.2 | .8 | .2 | .3 | .4 | .2 | .3 | .3 | | | | | | | 48 | 48 | 144 | 18 |
| 72/ 71 | .1 | .5 | .6 | .3 | .1 | | .3 | .2 | .1 | .3 | | | | | | | | 25 | 25 | 175 | 41 |
| 70/ 69 | .2 | .9 | .2 | .2 | .3 | .2 | .1 | | .1 | | | | | | | | | 21 | 21 | 186 | 68 |
| 68/ 67 | .3 | .8 | .2 | .4 | .1 | | | | | | | | | | | | | 17 | 17 | 119 | 101 |
| 66/ 65 | | .9 | .3 | .1 | | | | | | | | | | | | | | 12 | 12 | 62 | 128 |
| 64/ 63 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 72 | 132 |
| 62/ 61 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 57 | 95 |
| 60/ 59 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 28 | 84 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 11 | 53 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 9 | 32 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 22 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 41 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 36 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 30 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 11 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | .9 | 4.4 | 3.7 | 6.3 | 6.7 | 9.4 | 13.0 | 14.1 | 14.5 | 13.0 | 8.8 | 3.8 | 1.3 | .2 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 2849318 | 48892 | 52.6 | 17.329 | 930 | | | | | | | |
| Dry Bulb | 6214249 | 75795 | 81.5 | 6.307 | 930 | | | 91.0 | 84.7 | 61.6 | 1.5 | 93 |
| Wet Bulb | 4417573 | 63947 | 68.8 | 4.705 | 930 | | | 68.5 | 20.5 | | | 93 |
| Dew Point | 3536649 | 56897 | 61.2 | 7.744 | 930 | | | 23.3 | 2.3 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | | | | .6 | .6 | .2 | | | | | 14 | 14 | | |
| 92/ 91 | | | | | | | | | .1 | 1.1 | 1.4 | .4 | .1 | .1 | | | | 30 | 30 | | |
| 90/ 89 | | | | | | | | .4 | 1.6 | 2.5 | 1.2 | .8 | .1 | .2 | | | | 63 | 63 | | |
| 88/ 87 | | | | | | | .9 | 1.5 | 1.9 | 1.9 | 1.3 | .9 | .4 | | | | | 82 | 82 | | |
| 86/ 85 | | | | | .2 | .6 | .5 | 3.5 | 2.9 | 2.6 | 1.2 | .3 | .8 | | | | | 118 | 118 | | |
| 84/ 83 | | | | | .3 | 1.4 | 1.5 | 2.6 | 2.6 | 1.8 | 1.1 | .2 | .1 | | | | | 108 | 108 | | |
| 82/ 81 | | | | .1 | 1.2 | 2.6 | 2.2 | 2.5 | .6 | 1.3 | 1.2 | .6 | | | | | | 114 | 114 | | |
| 80/ 79 | | | .3 | 1.6 | 2.0 | 2.4 | 1.4 | 1.0 | 1.2 | 1.5 | .5 | .5 | | | | | | 116 | 116 | | |
| 78/ 77 | | | .5 | 1.3 | 1.4 | 1.4 | .8 | .5 | 1.1 | .8 | .3 | .3 | | | | | | 78 | 78 | 6 | |
| 76/ 75 | | .8 | 1.6 | 1.0 | .5 | .5 | | .4 | 1.1 | .5 | .8 | | | | | | | 67 | 67 | 29 | |
| 74/ 73 | | .5 | .6 | 1.3 | .4 | .1 | .5 | .4 | .8 | .1 | .2 | | | | | | | 47 | 47 | 132 | 16 |
| 72/ 71 | .2 | .9 | 1.3 | .3 | .4 | .1 | .1 | | .3 | .1 | | | | | | | | 35 | 35 | 188 | 43 |
| 70/ 69 | .6 | 1.7 | .6 | .3 | | .1 | | | .1 | | | | | | | | | 33 | 33 | 193 | 85 |
| 68/ 67 | | .8 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 11 | 11 | 122 | 81 |
| 66/ 65 | | .6 | .1 | | | | | | | | | | | | | | | 7 | 7 | 75 | 121 |
| 64/ 63 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 69 | 105 |
| 62/ 61 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 50 | 111 |
| 60/ 59 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 33 | 86 |
| 58/ 57 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 21 | 47 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 10 | 40 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 34 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 39 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 33 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 28 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 27 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 11 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .9 | 6.0 | 5.3 | 6.0 | 6.7 | 9.4 | 7.8 | 12.9 | 14.3 | 14.2 | 9.8 | 4.7 | 1.7 | .3 | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 2916800 | 49072 | 52.8 | 18.775 | 930 | | | | | | | |
| Dry Bulb | 6157959 | 75453 | 81.1 | 6.250 | 930 | | | 91.6 | 83.7 | 59.3 | 1.4 | 93 |
| Wet Bulb | 4372337 | 63625 | 68.4 | 4.581 | 930 | | | 67.0 | 16.7 | | | 93 |
| Dew Point | 3486333 | 56459 | 60.7 | 7.955 | 930 | | | 22.5 | 1.6 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | .4 | | .1 | | | | | | | 5 | 5 | | |
| 88/ 87 | | | | | | | | .3 | .8 | .2 | .1 | | | | | | | 13 | 13 | | |
| 86/ 85 | | | | | | .1 | .3 | 1.2 | 1.1 | .4 | .1 | | | | | | | 30 | 30 | | |
| 84/ 83 | | | | | .1 | .4 | 1.2 | .9 | .9 | .3 | .1 | | | | | | | 36 | 36 | | |
| 82/ 81 | | | | .1 | .8 | 2.4 | 1.9 | 1.1 | .3 | .1 | .1 | | | | | | | 63 | 63 | | |
| 80/ 79 | | | .1 | 1.2 | 2.2 | 2.6 | 2.3 | 1.5 | .8 | .3 | | .1 | | | | | | 102 | 102 | | |
| 78/ 77 | | .1 | .8 | 2.0 | 4.2 | 2.2 | 1.1 | .6 | .8 | .1 | .2 | | | | | | | 112 | 112 | | |
| 76/ 75 | .1 | .5 | 2.9 | 4.5 | 2.9 | 1.9 | 1.1 | 1.2 | .5 | .4 | | | | | | | | 150 | 150 | 10 | 3 |
| 74/ 73 | .2 | 1.6 | 2.9 | 3.1 | 1.4 | 1.2 | 1.2 | .9 | .1 | .2 | | | | | | | | 119 | 119 | 83 | 6 |
| 72/ 71 | .4 | 1.8 | 2.2 | 1.0 | 1.1 | 1.0 | 1.4 | .4 | .3 | .2 | | | | | | | | 91 | 91 | 156 | 60 |
| 70/ 69 | 1.0 | 2.5 | 2.5 | .2 | .5 | 1.2 | .9 | .5 | .1 | | | | | | | | | 87 | 87 | 192 | 94 |
| 68/ 67 | .2 | 2.4 | 1.4 | .2 | .4 | .9 | .4 | .3 | .1 | | | | | | | | | 59 | 59 | 143 | 131 |
| 66/ 65 | .1 | 1.6 | .3 | .5 | .5 | .1 | .2 | | | | | | | | | | | 32 | 32 | 108 | 147 |
| 64/ 63 | .1 | .6 | .1 | .1 | .4 | .3 | .3 | | | | | | | | | | | 19 | 19 | 62 | 117 |
| 62/ 61 | | .2 | .1 | | .4 | .1 | .1 | | | | | | | | | | | 9 | 9 | 70 | 70 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 39 | 64 |
| 58/ 57 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 29 | 39 |
| 56/ 55 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 21 | 42 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 14 | 37 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 27 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 10 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 11.6 | 13.2 | 13.0 | 14.9 | 14.3 | 12.4 | 8.9 | 6.1 | 2.4 | .8 | .1 | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4383131 | 61757 | 66.4 | 17.427 | 930 | | | | | | | |
| Dry Bulb | 5259289 | 69741 | 75.0 | 5.624 | 930 | | | 86.7 | 63.0 | 19.7 | | 93 |
| Wet Bulb | 4204065 | 62363 | 67.1 | 4.887 | 930 | | | 58.4 | 9.3 | | | 93 |
| Dew Point | 3640787 | 57787 | 62.1 | 7.344 | 930 | | | 29.4 | .9 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .8 | .5 | .1 | | | | | | | | | | | 13 | 13 | | |
| 78/ 77 | | | .6 | 1.6 | 1.9 | .4 | .2 | | | | | | | | | | | 45 | 45 | | |
| 76/ 75 | | .3 | 2.5 | 3.9 | 1.5 | .3 | .1 | | | | | | | | | | | 80 | 80 | | |
| 74/ 73 | | 2.6 | 5.9 | 4.1 | 1.7 | .8 | | | | | | | | | | | | 140 | 140 | 25 | |
| 72/ 71 | .6 | 4.8 | 7.7 | 3.0 | 1.4 | .3 | .5 | .1 | | | | | | | | | | 173 | 173 | 104 | 46 |
| 70/ 69 | 1.6 | 4.6 | 4.7 | 1.9 | .8 | 1.3 | .4 | .1 | | | | | | | | | | 144 | 144 | 179 | 117 |
| 68/ 67 | 1.3 | 3.9 | 3.9 | 1.1 | 1.1 | 1.3 | .4 | .3 | | | | | | | | | | 123 | 123 | 182 | 173 |
| 66/ 65 | 1.0 | 3.0 | .4 | 1.2 | 2.3 | .3 | .2 | .1 | | | | | | | | | | 79 | 79 | 129 | 131 |
| 64/ 63 | 1.0 | 1.9 | .9 | 1.4 | 1.5 | .5 | .2 | | | | | | | | | | | 69 | 69 | 82 | 133 |
| 62/ 61 | .2 | .8 | .1 | 1.1 | .2 | .5 | .1 | | | | | | | | | | | 28 | 28 | 49 | 77 |
| 60/ 59 | | .2 | .5 | .5 | .5 | .1 | | | | | | | | | | | | 18 | 18 | 52 | 43 |
| 58/ 57 | | | .4 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 53 | 31 |
| 56/ 55 | .3 | | .1 | .3 | .1 | | | | | | | | | | | | | 8 | 8 | 36 | 27 |
| 54/ 53 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 17 | 30 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 18 | 54 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 5 | 23 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.0 | 22.4 | 28.0 | 20.2 | 13.9 | 6.6 | 2.4 | .6 | | | | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 5960240 | 73388 | 78.9 | 13.490 | 930 | | | | | | | |
| Dry Bulb | 4549049 | 64891 | 69.8 | 4.784 | 930 | | | 71.9 | 27.9 | .6 | | 93 |
| Wet Bulb | 4005427 | 60837 | 65.4 | 5.260 | 930 | | | 49.0 | 2.5 | | | 93 |
| Dew Point | 3692766 | 58244 | 62.6 | 6.965 | 930 | | | 33.6 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | MAY MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | .0 | | | | .0 | .2 | .1 | .0 | | | | | 29 | 29 | | |
| 92/ 91 | | | | | | | .0 | | .1 | .3 | .3 | .1 | .1 | .0 | | | | 68 | 68 | | |
| 90/ 89 | | | | | | | | .1 | .6 | .7 | .3 | .2 | .1 | .1 | | | | 151 | 151 | | |
| 88/ 87 | | | | | | .0 | .3 | .6 | .8 | .6 | .3 | .2 | .1 | | | | | 218 | 218 | | |
| 86/ 85 | | | | .0 | .1 | .4 | .6 | 1.3 | .9 | .7 | .3 | .2 | .1 | | | | | 329 | 329 | | |
| 84/ 83 | | | | .0 | .1 | .7 | 1.0 | 1.1 | .9 | .5 | .3 | .1 | .0 | | | | | 356 | 356 | 1 | |
| 82/ 81 | | | | .2 | .7 | 1.3 | 1.2 | .9 | .3 | .3 | .3 | .1 | | | | | | 402 | 402 | | |
| 80/ 79 | | | .2 | .9 | 1.2 | 1.5 | 1.1 | .6 | .5 | .5 | .2 | .1 | | | | | | 497 | 497 | 3 | 1 |
| 78/ 77 | | .1 | .6 | 1.3 | 1.8 | .9 | .5 | .3 | .5 | .2 | .2 | .1 | | | | | | 490 | 490 | 20 | |
| 76/ 75 | .0 | .8 | 1.6 | 2.0 | 1.1 | .6 | .3 | .5 | .4 | .2 | .2 | | | | | | | 571 | 571 | 150 | 13 |
| 74/ 73 | .1 | 1.2 | 2.5 | 2.2 | .8 | .4 | .3 | .3 | .2 | .1 | .1 | | | | | | | 621 | 621 | 596 | 104 |
| 72/ 71 | .4 | 2.8 | 3.9 | 1.0 | .6 | .3 | .4 | .2 | .1 | .1 | | | | | | | | 731 | 731 | 970 | 339 |
| 70/ 69 | 1.2 | 3.8 | 3.3 | .7 | .4 | .5 | .3 | .1 | .1 | .0 | | | | | | | | 770 | 770 | 1265 | 731 |
| 68/ 67 | 1.5 | 3.7 | 2.2 | .5 | .4 | .4 | .1 | .1 | .1 | .0 | | | | | | | | 663 | 663 | 1237 | 1087 |
| 66/ 65 | 1.1 | 3.0 | .8 | .6 | .6 | .1 | .1 | .1 | | | | | | | | | | 467 | 467 | 867 | 1146 |
| 64/ 63 | 1.1 | 1.8 | .7 | .8 | .4 | .2 | .1 | | | | | | | | | | | 382 | 382 | 659 | 957 |
| 62/ 61 | .5 | 1.0 | .5 | .5 | .3 | .1 | .0 | | | | | | | | | | | 213 | 213 | 465 | 648 |
| 60/ 59 | .4 | .7 | .9 | .3 | .2 | .1 | .0 | | | | | | | | | | | 188 | 188 | 365 | 525 |
| 58/ 57 | .1 | .6 | .6 | .1 | .1 | .0 | | | | | | | | | | | | 117 | 117 | 293 | 320 |
| 56/ 55 | .2 | .5 | .2 | .1 | .1 | .0 | | | | | | | | | | | | 83 | 83 | 233 | 286 |
| 54/ 53 | .0 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 37 | 37 | 141 | 280 |
| 52/ 51 | .0 | .2 | .1 | .0 | | | | | | | | | | | | | | 31 | 31 | 76 | 339 |
| 50/ 49 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | | 19 | 19 | 48 | 195 |
| 48/ 47 | | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 33 | 139 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 16 | 116 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 57 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 53 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 54 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 35 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) MAY (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 6.7 | 20.3 | 18.3 | 11.6 | 9.0 | 7.6 | 6.4 | 6.1 | 5.3 | 4.3 | 2.7 | 1.1 | .4 | .1 | | | | 7440 | 7440 | 7440 | 7440 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 40786099 | 529771 | 71.2 | 20.293 | 7440 | | | | | | | |
| Dry Bulb | 40345574 | 544300 | 73.2 | 8.404 | 7440 | | | 589.7 | 373.3 | 181.3 | 3.0 | 744 |
| Wet Bulb | 32869289 | 492639 | 66.2 | 5.717 | 7440 | | | 424.2 | 77.0 | .2 | | 744 |
| Dew Point | 28976157 | 461037 | 62.0 | 7.396 | 7440 | | .1 | 227.5 | 11.8 | | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | .1 | .1 | | .1 | .1 | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | .1 | .2 | | | .1 | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | .3 | .8 | .4 | .7 | | | | | | | | | | | | | 20 | 20 | 1 | |
| 78/ 77 | .7 | 1.3 | 2.9 | 2.0 | | .1 | | | | | | | | | | | | 63 | 63 | 13 | 10 |
| 76/ 75 | .6 | 3.2 | 7.8 | 2.8 | .6 | | | | | | | | | | | | | 134 | 134 | 36 | 20 |
| 74/ 73 | .9 | 9.6 | 9.1 | 4.6 | .6 | .4 | .1 | | | | | | | | | | | 227 | 227 | 112 | 57 |
| 72/ 71 | 1.3 | 6.6 | 8.7 | .9 | .4 | .7 | .3 | | | | | | | | | | | 170 | 170 | 195 | 140 |
| 70/ 69 | 1.7 | 6.3 | 3.4 | .8 | .8 | .6 | .3 | | | | | | | | | | | 125 | 125 | 194 | 193 |
| 68/ 67 | 1.0 | 3.0 | 3.9 | 1.1 | .6 | .3 | .1 | | | | | | | | | | | 90 | 90 | 152 | 177 |
| 66/ 65 | .3 | 1.9 | .9 | .6 | | .1 | | | | | | | | | | | | 34 | 34 | 67 | 100 |
| 64/ 63 | .1 | 1.0 | .1 | .3 | .3 | | | | | | | | | | | | | 17 | 17 | 60 | 74 |
| 62/ 61 | | .6 | .1 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 32 | 43 |
| 60/ 59 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 20 | 26 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 12 | 13 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 5 | 19 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 6 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 6.6 | 33.8 | 38.2 | 13.9 | 4.1 | 2.3 | 1.1 | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6577192 | 76408 | 84.9 | 10.023 | 900 | | | | | | | |
| Dry Bulb | 4697800 | 64936 | 72.2 | 3.743 | 900 | | | 83.8 | 45.3 | 1.3 | | 90 |
| Wet Bulb | 4300805 | 62105 | 69.0 | 4.114 | 900 | | | 70.3 | 16.2 | | | 90 |
| Dew Point | 4095997 | 60541 | 67.3 | 5.117 | 900 | | | 59.7 | 8.7 | | | 90 |

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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .3 | .1 | | | .1 | | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | | .3 | | | .2 | | | | | | | | | | | | 5 | 5 | | |
| 78/ 77 | 1.2 | .7 | 1.3 | | | | | | | | | | | | | | | 29 | 29 | 16 | 15 |
| 76/ 75 | 1.2 | 3.1 | 4.6 | .3 | .1 | | | | | | | | | | | | | 84 | 84 | 28 | 16 |
| 74/ 73 | 1.1 | 6.5 | 7.2 | 1.9 | .1 | | | | | | | | | | | | | 151 | 151 | 61 | 48 |
| 72/ 71 | 2.8 | 10.9 | 8.3 | .4 | | .1 | | | | | | | | | | | | 203 | 203 | 166 | 108 |
| 70/ 69 | 2.0 | 11.1 | 5.1 | .3 | .1 | .2 | .1 | | | | | | | | | | | 171 | 171 | 179 | 168 |
| 68/ 67 | 1.7 | 3.9 | 2.8 | .7 | .6 | .1 | | | | | | | | | | | | 87 | 87 | 191 | 193 |
| 66/ 65 | 1.6 | 5.1 | 1.4 | .7 | .1 | .1 | | | | | | | | | | | | 81 | 81 | 79 | 116 |
| 64/ 63 | .2 | 2.8 | .9 | .7 | .4 | | | | | | | | | | | | | 45 | 45 | 74 | 84 |
| 62/ 61 | .2 | 1.2 | .6 | .1 | .4 | | | | | | | | | | | | | 23 | 23 | 45 | 51 |
| 60/ 59 | .2 | .2 | .8 | .1 | | | | | | | | | | | | | | 12 | 12 | 34 | 38 |
| 58/ 57 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 7 | 15 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 14 | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 8 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 12.2 | 45.6 | 33.9 | 5.3 | 1.9 | .8 | .2 | | | | | | | | | | | 899 | 899 | 899 | 899 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7088382 | 79458 | 88.4 | 8.540 | 899 | | | | | | | |
| Dry Bulb | 4466095 | 63259 | 70.4 | 4.062 | 899 | | | 73.6 | 27.4 | .8 | | 90 |
| Wet Bulb | 4182248 | 61188 | 68.1 | 4.434 | 899 | | | 64.2 | 10.5 | | | 90 |
| Dew Point | 4029259 | 60005 | 66.7 | 5.185 | 899 | | | 54.9 | 7.9 | | | 90 |

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

USAFETAC

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# PSYCHROMETRIC SUMMARY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | .1 | | .1 | .1 | | | | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | .1 | .8 | .8 | .1 | | | .1 | | | | | | | | 17 | 17 | | |
| 84/ 83 | | | .4 | .6 | 1.2 | .4 | .1 | .1 | | | | | | | | | | 26 | 26 | | |
| 82/ 81 | | .6 | 1.7 | 2.1 | 1.8 | 1.0 | .2 | | | | | | | | | | | 66 | 66 | | |
| 80/ 79 | .2 | .3 | 2.9 | 2.9 | 1.6 | .9 | .4 | .3 | .2 | | | | | | | | | 88 | 88 | 17 | 7 |
| 78/ 77 | .4 | 1.4 | 3.4 | 5.1 | 1.8 | .1 | | | | | | | | | | | | 111 | 111 | 43 | 21 |
| 76/ 75 | 1.0 | 2.9 | 6.3 | 3.0 | .9 | .3 | .2 | | .1 | | | | | | | | | 140 | 140 | 103 | 53 |
| 74/ 73 | 1.3 | 4.7 | 5.1 | 3.4 | .4 | .3 | .4 | | | | | | | | | | | 142 | 142 | 142 | 101 |
| 72/ 71 | .7 | 5.4 | 5.3 | .9 | 1.1 | .4 | .2 | .1 | | | | | | | | | | 128 | 128 | 181 | 131 |
| 70/ 69 | .8 | 3.4 | 3.3 | 1.4 | .3 | .3 | | | | | | | | | | | | 87 | 87 | 156 | 189 |
| 68/ 67 | .9 | 1.7 | 1.4 | .7 | .7 | .2 | | | | | | | | | | | | 50 | 50 | 99 | 133 |
| 66/ 65 | .1 | 1.7 | .3 | .4 | .1 | .1 | | | | | | | | | | | | 25 | 25 | 62 | 95 |
| 64/ 63 | | .7 | .2 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 48 | 49 |
| 62/ 61 | | .1 | .2 | .2 | | | | | | | | | | | | | | 5 | 5 | 22 | 38 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 18 | 28 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 6 | 18 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 8 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 5.4 | 22.7 | 30.8 | 21.8 | 10.9 | 5.2 | 1.9 | .7 | .3 | .1 | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 6016181 | 72849 | 80.9 | 11.531 | 900 | | | | | | | |
| Dry Bulb | 5043179 | 67227 | 74.7 | 4.896 | 900 | | | 86.0 | 59.5 | 16.5 | | 90 |
| Wet Bulb | 4487279 | 63423 | 70.5 | 4.457 | 900 | | | 74.1 | 30.5 | .9 | | 90 |
| Dew Point | 4218696 | 61430 | 68.3 | 5.353 | 900 | | | 63.5 | 18.2 | .3 | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .1 | | .1 | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | .3 | .1 | .1 | | .1 | | | | | 6 | 6 | | |
| 94/ 93 | | | | | | | .1 | .4 | .4 | .3 | .2 | .1 | | .1 | | | | 16 | 16 | | |
| 92/ 91 | | | | | | .1 | .8 | .7 | 1.3 | .4 | .3 | .1 | | | | | | 34 | 34 | | |
| 90/ 89 | | | | | | 1.2 | 1.9 | 2.9 | 1.3 | .4 | .2 | .1 | .1 | | | | | 74 | 74 | | |
| 88/ 87 | | | | | 1.0 | 2.9 | 3.9 | 1.9 | 1.0 | .2 | .2 | .4 | | | | | | 104 | 104 | | |
| 86/ 85 | | | | .8 | 2.7 | 5.0 | 4.3 | 2.7 | 1.1 | .3 | .4 | | | | | | | 156 | 156 | | |
| 84/ 83 | | .1 | .1 | 2.0 | 3.0 | 6.0 | 2.8 | 1.3 | .4 | .8 | | .1 | | | | | | 150 | 150 | | |
| 82/ 81 | | | .3 | 2.2 | 4.3 | 3.4 | 1.8 | .6 | .4 | .3 | .6 | | | | | | | 126 | 126 | 6 | |
| 80/ 79 | | .1 | 1.2 | 2.3 | 2.1 | 2.0 | 1.3 | .6 | .6 | | | | | | | | | 92 | 92 | 58 | 1 |
| 78/ 77 | .1 | .2 | 1.0 | 2.4 | 1.7 | .6 | 1.0 | .6 | .1 | | | | | | | | | 69 | 69 | 121 | 20 |
| 76/ 75 | | .3 | 1.1 | .4 | .1 | .9 | .1 | .4 | .2 | | | | | | | | | 33 | 33 | 137 | 79 |
| 74/ 73 | | .3 | .1 | .6 | .1 | .2 | .1 | | | | | | | | | | | 13 | 13 | 206 | 85 |
| 72/ 71 | | .6 | .4 | .1 | .2 | | .2 | | | | | | | | | | | 14 | 14 | 134 | 157 |
| 70/ 69 | | | .4 | | | .1 | | | | | | | | | | | | 5 | 5 | 73 | 181 |
| 68/ 67 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 46 | 113 |
| 66/ 65 | .2 | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 36 | 84 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 20 | 42 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 10 | 46 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 24 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 18 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 10 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 13 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 1.8 | 5.1 | 10.9 | 15.2 | 22.4 | 19.3 | 12.0 | 7.3 | 3.1 | 2.1 | 1.0 | .2 | .1 | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3531177 | 55175 | 61.3 | 12.859 | 900 | | | | | | | |
| Dry Bulb | 6288890 | 75100 | 83.4 | 4.971 | 900 | | | 89.6 | 87.5 | 72.2 | 2.4 | 90 |
| Wet Bulb | 4844330 | 65930 | 73.3 | 4.029 | 900 | | | 83.1 | 57.8 | 2.7 | | 90 |
| Dew Point | 4216408 | 61380 | 68.2 | 5.805 | 900 | | | 63.6 | 18.5 | .1 | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | .1 | .1 | | .2 | | | | 4 | 4 | | |
| 100/ 99 | | | | | | | | | | | .3 | | .2 | .3 | | | | 8 | 8 | | |
| 98/ 97 | | | | | | | | | .2 | .3 | .2 | .2 | .2 | .2 | | | | 13 | 13 | | |
| 96/ 95 | | | | | | | | | .6 | 2.2 | 1.0 | .9 | .1 | .1 | | | | 44 | 44 | | |
| 94/ 93 | | | | | | | .1 | .9 | 1.4 | 1.9 | 1.0 | .6 | .6 | .1 | | | | 59 | 59 | | |
| 92/ 91 | | | | | | .2 | .9 | 2.1 | 3.1 | 2.8 | 1.0 | .3 | .1 | .4 | | | | 99 | 99 | | |
| 90/ 89 | | | | | | .4 | 2.3 | 5.6 | 2.8 | 2.0 | 1.6 | .6 | .1 | | | | | 138 | 138 | | |
| 88/ 87 | | | | | .4 | 1.9 | 4.3 | 4.8 | 3.2 | .7 | .8 | .3 | .3 | .1 | | | | 152 | 152 | | |
| 86/ 85 | | | | .1 | .7 | 2.2 | 5.1 | 3.3 | 1.0 | 1.2 | .1 | .4 | .2 | | | | | 130 | 130 | | |
| 84/ 83 | | | .1 | .7 | 1.0 | 1.7 | 1.9 | 2.2 | 1.3 | .4 | .2 | .2 | | | | | | 88 | 88 | | |
| 82/ 81 | | | .2 | .3 | .9 | 1.1 | .4 | 1.0 | 1.1 | .3 | .4 | .1 | | | | | | 54 | 54 | 8 | |
| 80/ 79 | | | .2 | 1.0 | .9 | | .3 | .6 | | .2 | | | | | | | | 29 | 29 | 57 | |
| 78/ 77 | .1 | .1 | .7 | .4 | .6 | .2 | .2 | | | | | | | | | | | 21 | 21 | 124 | 9 |
| 76/ 75 | .2 | .1 | 1.4 | .4 | .1 | .3 | | .1 | .1 | | | | | | | | | 26 | 26 | 197 | 44 |
| 74/ 73 | .1 | .7 | .7 | .6 | | | | .1 | | | | | | | | | | 19 | 19 | 199 | 63 |
| 72/ 71 | | .3 | .6 | .1 | | | | | | | | | | | | | | 9 | 9 | 135 | 108 |
| 70/ 69 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 65 | 182 |
| 68/ 67 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 62 | 142 |
| 66/ 65 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 28 | 99 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 17 | 72 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 43 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 2 | 40 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 42 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 14 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 9 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 9 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .8 | 1.7 | 3.9 | 3.7 | 4.6 | 8.1 | 15.7 | 20.7 | 14.9 | 12.1 | 6.8 | 3.8 | 1.9 | 1.6 | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 2677699 | 47363 | 52.6 | 14.353 | 900 | | | 89.8 | 88.4 | 80.8 | 12.8 | 90 |
| Dry Bulb | 6821805 | 78183 | 86.9 | 5.781 | 900 | | | 84.7 | 58.5 | 1.9 | | 90 |
| Wet Bulb | 4861148 | 66052 | 73.4 | 3.878 | 900 | | | 54.8 | 11.6 | | | 90 |
| Dew Point | 4026124 | 59948 | 66.6 | 6.064 | 900 | | | | | | | |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | .2 | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | .1 | .2 | .2 | .2 | | | | 7 | 7 | | |
| 98/ 97 | | | | | | | | | | .2 | .6 | .1 | .6 | .2 | | | | 15 | 15 | | |
| 96/ 95 | | | | | | | | | .3 | 1.0 | .9 | .8 | .3 | .1 | | | | 31 | 31 | | |
| 94/ 93 | | | | | | | .1 | 1.3 | 1.7 | 1.4 | .7 | .6 | .7 | .1 | | | | 59 | 59 | | |
| 92/ 91 | | | | | | | .3 | 1.6 | 2.4 | 1.8 | 1.8 | 1.3 | .7 | .3 | | | | 92 | 92 | | |
| 90/ 89 | | | | | | .4 | 1.2 | 4.8 | 1.9 | 3.0 | 1.4 | .1 | .2 | .2 | | | | 120 | 120 | | |
| 88/ 87 | | | | | .3 | 1.2 | 2.8 | 3.1 | 3.7 | 1.7 | 1.0 | .1 | .3 | | | | | 128 | 128 | | |
| 86/ 85 | | | | .4 | .4 | 2.1 | 2.2 | 3.4 | 2.1 | .9 | .9 | .7 | .3 | | | | | 122 | 122 | | |
| 84/ 83 | | | | .3 | 2.1 | 1.6 | 1.8 | .7 | 1.2 | .8 | .4 | .3 | | | | | | 83 | 83 | | |
| 82/ 81 | | | .3 | .7 | 2.2 | .6 | .6 | .7 | .6 | .2 | | | | | | | | 52 | 52 | 3 | |
| 80/ 79 | | | .4 | 1.3 | 1.7 | .4 | .2 | .8 | .1 | .2 | | | | | | | | 47 | 47 | 48 | |
| 78/ 77 | | .2 | .4 | 1.8 | .8 | .1 | .1 | .1 | .2 | .1 | | | | | | | | 35 | 35 | 86 | 6 |
| 76/ 75 | .3 | .8 | 2.0 | 1.7 | .4 | .2 | | | .1 | | | | | | | | | 50 | 50 | 174 | 31 |
| 74/ 73 | | .9 | 2.0 | .7 | .1 | .1 | | | | | | | | | | | | 34 | 34 | 188 | 63 |
| 72/ 71 | | .7 | .7 | .1 | | | | | | | | | | | | | | 13 | 13 | 174 | 117 |
| 70/ 69 | .2 | .3 | .2 | | | | | | | | | | | | | | | 7 | 7 | 112 | 168 |
| 68/ 67 | .2 | | .1 | | | | | | | | | | | | | | | 3 | 3 | 53 | 135 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 35 | 88 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 20 | 81 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 47 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 58 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 39 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 12 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 8 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 11 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .8 | 2.9 | 6.2 | 7.0 | 8.1 | 6.8 | 9.3 | 16.4 | 14.3 | 11.3 | 7.8 | 4.2 | 3.3 | 1.4 | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 2917105 | 48951 | 54.4 | 16.831 | 900 | | | | | | | |
| Dry Bulb | 6648248 | 77140 | 85.7 | 6.371 | 900 | | | 90.0 | 87.7 | 74.1 | 11.4 | 90 |
| Wet Bulb | 4778803 | 65493 | 72.8 | 3.785 | 900 | | | 83.8 | 49.9 | 1.4 | | 90 |
| Dew Point | 3972866 | 59532 | 66.1 | 6.242 | 900 | | | 52.0 | 10.0 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .1 | | | .1 | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | .3 | .1 | .1 | | .1 | .1 | | | | | 7 | 7 | | |
| 92/ 91 | | | | | | | .7 | .2 | .8 | .3 | .1 | .2 | .1 | | | | | 22 | 22 | | |
| 90/ 89 | | | | | | .3 | .6 | 1.2 | .8 | .3 | .3 | .2 | | | | | | 34 | 34 | | |
| 88/ 87 | | | | | .3 | 1.1 | 1.7 | .8 | .8 | .3 | .2 | .2 | | | | | | 49 | 49 | | |
| 86/ 85 | | | | .2 | 1.0 | 2.3 | 1.9 | 2.2 | .6 | .4 | | | .1 | | | | | 79 | 79 | | |
| 84/ 83 | | | .6 | .9 | 2.0 | 2.4 | 3.3 | 1.2 | 1.1 | .4 | .1 | | | | | | | 109 | 109 | | |
| 82/ 81 | | | .6 | 1.1 | 2.6 | 3.0 | 1.7 | 1.0 | .3 | .4 | .2 | | | | | | | 98 | 98 | | |
| 80/ 79 | | .1 | 1.3 | 3.6 | 3.6 | 3.2 | .8 | .6 | .6 | | | | | | | | | 123 | 123 | 31 | 2 |
| 78/ 77 | | .2 | 2.3 | 4.4 | 3.6 | .8 | 1.6 | .4 | .4 | .1 | | | | | | | | 125 | 125 | 49 | 10 |
| 76/ 75 | .3 | 1.6 | 4.3 | 3.0 | .6 | .7 | .3 | .6 | | | | | | | | | | 102 | 102 | 106 | 38 |
| 74/ 73 | .1 | 2.1 | 3.8 | .3 | .4 | .7 | .1 | .6 | | | | | | | | | | 73 | 73 | 193 | 71 |
| 72/ 71 | .1 | 1.9 | 1.9 | .4 | | | .3 | | | | | | | | | | | 42 | 42 | 220 | 144 |
| 70/ 69 | .6 | .9 | 1.0 | | .2 | .2 | | | | | | | | | | | | 26 | 26 | 141 | 180 |
| 68/ 67 | .2 | .2 | | .1 | | .1 | | | | | | | | | | | | 6 | 6 | 73 | 138 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 42 | 107 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 21 | 62 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 17 | 34 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 36 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 16 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 1 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.3 | 7.1 | 15.8 | 14.1 | 14.2 | 14.9 | 12.9 | 9.1 | 5.4 | 2.7 | 1.1 | .9 | .4 | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4239736 | 60100 | 66.8 | 15.869 | 900 | | | | | | | |
| Dry Bulb | 5794107 | 72039 | 80.0 | 5.567 | 900 | | | 89.9 | 82.5 | 47.1 | 1.1 | 90 |
| Wet Bulb | 4629938 | 64460 | 71.6 | 3.827 | 900 | | | 81.3 | 37.9 | .8 | | 90 |
| Dew Point | 4096667 | 60509 | 67.2 | 5.632 | 900 | | | 58.3 | 12.1 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .2 | .2 | | | | | | | | | | | 4 | 4 | | |
| 86/ 85 | | | | | .4 | .6 | | .1 | .2 | | | | | | | | | 12 | 12 | | |
| 84/ 83 | | | | .3 | .7 | .6 | .1 | .1 | | | | | | | | | | 16 | 16 | | |
| 82/ 81 | | .2 | .6 | 1.6 | 1.3 | .6 | | .1 | | | | | | | | | | 39 | 39 | | |
| 80/ 79 | | .8 | 2.1 | 4.7 | 2.3 | 1.7 | .1 | .2 | .2 | | | | | | | | | 109 | 109 | 4 | 1 |
| 78/ 77 | | 1.0 | 3.8 | 6.0 | 3.1 | .7 | .4 | .3 | | .1 | | | | | | | | 139 | 139 | 24 | 8 |
| 76/ 75 | .3 | 1.7 | 8.0 | 5.7 | 1.8 | .6 | .3 | | | | | | | | | | | 165 | 165 | 77 | 27 |
| 74/ 73 | .8 | 5.7 | 8.8 | 3.8 | 1.2 | 1.1 | .7 | .4 | .1 | | | | | | | | | 203 | 203 | 148 | 71 |
| 72/ 71 | .8 | 2.7 | 3.7 | 1.8 | .9 | .9 | .3 | .2 | | | | | | | | | | 101 | 101 | 224 | 156 |
| 70/ 69 | 1.0 | 2.2 | 2.4 | .7 | .4 | .3 | .1 | .1 | | | | | | | | | | 66 | 66 | 187 | 215 |
| 68/ 67 | .6 | .9 | 1.3 | .2 | .1 | .2 | | | | | | | | | | | | 30 | 30 | 93 | 137 |
| 66/ 65 | | .4 | .1 | .1 | .4 | | | | | | | | | | | | | 10 | 10 | 74 | 97 |
| 64/ 63 | | .2 | | .1 | .2 | | | | | | | | | | | | | 5 | 5 | 30 | 64 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 26 | 33 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 14 | 26 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 8 | 14 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.4 | 15.8 | 30.8 | 24.9 | 13.0 | 7.3 | 2.4 | 1.7 | .6 | .1 | | | | | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5612659 | 70217 | 78.0 | 12.227 | 900 | | | | | | | |
| Dry Bulb | 5090961 | 67591 | 75.1 | 4.058 | 900 | | | 88.5 | 68.8 | 12.6 | | 90 |
| Wet Bulb | 4446876 | 63162 | 70.2 | 3.970 | 900 | | | 74.7 | 25.3 | | | 90 |
| Dew Point | 4128182 | 60766 | 67.5 | 5.315 | 900 | | | 61.5 | 10.7 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUN MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | .0 | .0 | | .1 | | | | 6 | 6 | | |
| 100/ 99 | | | | | | | | | | | .1 | .0 | .1 | .1 | | | | 15 | 15 | | |
| 98/ 97 | | | | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | | | | 32 | 32 | | |
| 96/ 95 | | | | | | | | | .2 | .4 | .3 | .2 | .1 | .0 | | | | 83 | 83 | | |
| 94/ 93 | | | | | | | .0 | .4 | .5 | .5 | .2 | .2 | .2 | .0 | | | | 141 | 141 | | |
| 92/ 91 | | | | | | .0 | .3 | .6 | 1.0 | .7 | .4 | .3 | .1 | .1 | | | | 247 | 247 | | |
| 90/ 89 | | | | | | .3 | .8 | 1.6 | .8 | .7 | .4 | .1 | .1 | .0 | | | | 369 | 369 | | |
| 88/ 87 | | | | | .3 | .9 | 1.6 | 1.3 | 1.1 | .4 | .3 | .1 | .1 | .0 | | | | 440 | 440 | | |
| 86/ 85 | | | | .2 | .8 | 1.6 | 1.7 | 1.5 | .6 | .4 | .2 | .1 | .1 | | | | | 517 | 517 | | |
| 84/ 83 | | .0 | .2 | .6 | 1.3 | 1.6 | 1.3 | .7 | .5 | .3 | .1 | .1 | | | | | | 476 | 476 | | |
| 82/ 81 | | .1 | .5 | 1.0 | 1.6 | 1.2 | .6 | .4 | .3 | .2 | .2 | .0 | | | | | | 444 | 444 | 17 | |
| 80/ 79 | .0 | .2 | 1.2 | 2.0 | 1.6 | 1.1 | .4 | .4 | .2 | .1 | | | | | | | | 513 | 513 | 216 | 11 |
| 78/ 77 | .3 | .7 | 2.0 | 2.8 | 1.4 | .3 | .4 | .2 | .1 | .0 | | | | | | | | 592 | 592 | 476 | 99 |
| 76/ 75 | .5 | 1.7 | 4.4 | 2.3 | .6 | .4 | .1 | .1 | .1 | | | | | | | | | 734 | 734 | 908 | 308 |
| 74/ 73 | .5 | 3.8 | 4.6 | 2.0 | .4 | .4 | .2 | .1 | .0 | | | | | | | | | 862 | 862 | 1249 | 559 |
| 72/ 71 | .7 | 3.6 | 3.7 | .6 | .3 | .3 | .2 | .0 | | | | | | | | | | 680 | 680 | 1429 | 1061 |
| 70/ 69 | .8 | 3.1 | 2.0 | .4 | .2 | .2 | .1 | .0 | | | | | | | | | | 491 | 491 | 1107 | 1476 |
| 68/ 67 | .6 | 1.2 | 1.2 | .3 | .2 | .1 | .0 | | | | | | | | | | | 269 | 269 | 759 | 1168 |
| 66/ 65 | .3 | 1.2 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 157 | 157 | 423 | 786 |
| 64/ 63 | .0 | .6 | .2 | .2 | .1 | | | | | | | | | | | | | 77 | 77 | 290 | 528 |
| 62/ 61 | .0 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 36 | 36 | 164 | 335 |
| 60/ 59 | .0 | .0 | .1 | .0 | | | | | | | | | | | | | | 15 | 15 | 98 | 276 |
| 58/ 57 | | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 34 | 184 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 23 | 139 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 83 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 75 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 58 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 34 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 13 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 3.9 | 16.4 | 20.6 | 12.7 | 9.0 | 8.5 | 7.7 | 7.6 | 5.4 | 3.7 | 2.2 | 1.2 | .7 | .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. | 38660131 | 510521 | 70.9 | 18.473 | 7199 | | | 691.2 | 547.2 | 305.4 | 27.7 | 720 |
| Dry Bulb | 44851085 | 565475 | 78.5 | 7.761 | 7199 | | | 616.2 | 286.6 | 7.7 | | 720 |
| Wet Bulb | 36531427 | 511813 | 71.1 | 4.474 | 7199 | | | 468.3 | 97.7 | .4 | | 720 |
| Dew Point | 32784199 | 484111 | 67.3 | 5.643 | 7199 | | | | | | | |

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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | | | |
| 88/ 87 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | | |
| 84/ 83 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | .3 | .8 | .1 | | | | | | | | | | | | | 11 | 11 | | |
| 80/ 79 | | 1.3 | 2.5 | 2.2 | .9 | .1 | | | | | | | | | | | | 64 | 64 | 4 | |
| 78/ 77 | 1.0 | 5.2 | 8.3 | 2.8 | | | | | | | | | | | | | | 160 | 160 | 31 | 22 |
| 76/ 75 | 2.6 | 10.7 | 13.7 | 2.2 | .1 | | | | | | | | | | | | | 271 | 271 | 151 | 83 |
| 74/ 73 | 4.5 | 12.5 | 7.4 | .9 | .1 | | | | | | | | | | | | | 236 | 236 | 283 | 210 |
| 72/ 71 | 5.0 | 6.5 | 2.9 | .1 | | | | | | | | | | | | | | 134 | 134 | 297 | 289 |
| 70/ 69 | 1.1 | 2.4 | .4 | .3 | | | | | | | | | | | | | | 39 | 39 | 127 | 209 |
| 68/ 67 | | .5 | .1 | | | | | | | | | | | | | | | 6 | 6 | 28 | 81 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 5 | 26 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 5 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 14.1 | 39.0 | 35.7 | 9.4 | 1.7 | .1 | | | | | | | | | | | | 929 | 929 | 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. | 7384366 | 82542 | 88.9 | 7.375 | 929 | | | | | | | |
| Dry Bulb | 5217595 | 69579 | 74.9 | 2.738 | 929 | | | 93.0 | 75.1 | 4.3 | | 93 |
| Wet Bulb | 4892470 | 67382 | 72.5 | 2.352 | 929 | | | 92.2 | 47.0 | .1 | | 93 |
| Dew Point | 4741140 | 66322 | 71.4 | 2.619 | 929 | | | 89.5 | 31.5 | | | 93 |

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

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | .5 | .9 | .5 | | .2 | | | | | | | | | | | | 20 | 20 | 1 | |
| 78/ 77 | .6 | 2.7 | 3.9 | 1.1 | .1 | | | | | | | | | | | | | 78 | 78 | 18 | 9 |
| 76/ 75 | 4.3 | 9.7 | 9.7 | .3 | | | | | | | | | | | | | | 223 | 223 | 99 | 84 |
| 74/ 73 | 6.3 | 14.1 | 10.6 | .2 | | | | | | | | | | | | | | 291 | 291 | 221 | 143 |
| 72/ 71 | 6.5 | 11.8 | 4.2 | .1 | | | | | | | | | | | | | | 202 | 202 | 323 | 283 |
| 70/ 69 | 3.1 | 4.6 | 1.5 | | | | | | | | | | | | | | | 86 | 86 | 189 | 250 |
| 68/ 67 | .2 | 1.5 | | | | | | | | | | | | | | | | 16 | 16 | 55 | 113 |
| 66/ 65 | | .6 | .2 | | | | | | | | | | | | | | | 8 | 8 | 19 | 37 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 8 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 21.1 | 44.8 | 31.1 | 2.7 | .1 | .2 | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 7786267 | 84889 | 91.3 | 6.373 | 930 | | | | | | | |
| Dry Bulb | 5028172 | 68340 | 73.5 | 2.601 | 930 | | | 92.1 | 61.7 | 1.0 | | 93 |
| Wet Bulb | 4786454 | 66680 | 71.7 | 2.449 | 930 | | | 90.6 | 33.9 | | | 93 |
| Dew Point | 4670809 | 65861 | 70.8 | 2.675 | 930 | | | 88.2 | 23.6 | | | 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | .2 | .4 | .1 | | | | | | | | | | | 7 | 7 | | |
| 86/ 85 | | | .1 | .9 | 1.1 | .6 | | | | | | | | | | | | 25 | 25 | | |
| 84/ 83 | | | 1.5 | 1.9 | 2.3 | .6 | .4 | | | | | | | | | | | 63 | 63 | | |
| 82/ 81 | | .9 | 2.0 | 3.2 | 2.5 | .3 | | | | | | | | | | | | 83 | 83 | 3 | |
| 80/ 79 | .3 | 1.9 | 6.2 | 4.2 | 1.6 | .6 | | | | | | | | | | | | 139 | 139 | 42 | 12 |
| 78/ 77 | .4 | 5.5 | 9.2 | 2.5 | .6 | | | | | | | | | | | | | 170 | 170 | 94 | 56 |
| 76/ 75 | 2.4 | 9.8 | 7.6 | 1.4 | .2 | | | | | | | | | | | | | 199 | 199 | 227 | 137 |
| 74/ 73 | 2.5 | 8.0 | 4.5 | .8 | | .1 | | | | | | | | | | | | 147 | 147 | 281 | 242 |
| 72/ 71 | 1.8 | 4.7 | 1.3 | | | | | | | | | | | | | | | 73 | 73 | 184 | 239 |
| 70/ 69 | .6 | 1.2 | .3 | .1 | | | | | | | | | | | | | | 21 | 21 | 78 | 164 |
| 68/ 67 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 16 | 53 |
| 66/ 65 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 21 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 8.1 | 32.0 | 33.0 | 14.9 | 8.5 | 2.9 | .5 | | | | | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6829553 | 79209 | 85.2 | 9.456 | 930 | | | | | | | |
| Dry Bulb | 5547819 | 71741 | 77.1 | 3.834 | 930 | | | 92.9 | 83.4 | 24.6 | | 93 |
| Wet Bulb | 5069976 | 68620 | 73.8 | 2.716 | 930 | | | 92.5 | 64.7 | 2.0 | | 93 |
| Dew Point | 4863690 | 67200 | 72.3 | 2.925 | 930 | | | 90.3 | 44.7 | .2 | | 93 |

FORM AK 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .3 | | | | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | .2 | .2 | | | | | | | | | 4 | 4 | | |
| 94/ 93 | | | | | | | .2 | 1.3 | 1.2 | .2 | .3 | | | | | | | 30 | 30 | | |
| 92/ 91 | | | | | | .5 | 1.9 | 2.3 | 1.9 | .4 | | | | | | | | 66 | 66 | | |
| 90/ 89 | | | | | .6 | 2.3 | 3.5 | 4.2 | .8 | .1 | | | | | | | | 107 | 107 | | |
| 88/ 87 | | | | .2 | 3.2 | 6.8 | 7.0 | 1.8 | .6 | .2 | | | | | | | | 185 | 185 | | |
| 86/ 85 | | | .5 | 2.7 | 5.8 | 6.1 | 1.9 | 1.0 | .8 | | | | | | | | | 175 | 175 | | |
| 84/ 83 | | .1 | 1.0 | 5.4 | 4.6 | 2.8 | .8 | .3 | | | | | | | | | | 139 | 139 | 1 | |
| 82/ 81 | | .3 | 2.0 | 4.4 | 2.2 | .3 | .5 | | | | | | | | | | | 91 | 91 | 37 | 1 |
| 80/ 79 | | .5 | 2.5 | 2.2 | .8 | .2 | .1 | | | | | | | | | | | 58 | 58 | 159 | 21 |
| 78/ 77 | .1 | 1.3 | 1.8 | .6 | | | | | | | | | | | | | | 36 | 36 | 281 | 84 |
| 76/ 75 | .4 | .9 | 1.0 | .1 | | | | | | | | | | | | | | 22 | 22 | 275 | 202 |
| 74/ 73 | | .9 | .2 | | | | | | | | | | | | | | | 10 | 10 | 120 | 207 |
| 72/ 71 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 39 | 209 |
| 70/ 69 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 15 | 119 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 2 | 40 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | 30 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 8 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 6 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 4.1 | 9.2 | 15.6 | 17.2 | 19.0 | 16.0 | 11.1 | 5.5 | 1.3 | .3 | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4292455 | 62179 | 66.9 | 12.065 | 930 | | | | | | | |
| Dry Bulb | 6788547 | 79349 | 85.3 | 4.447 | 930 | | | 93.0 | 92.6 | 83.0 | 3.7 | 93 |
| Wet Bulb | 5447636 | 71140 | 76.5 | 2.500 | 930 | | | 92.9 | 87.3 | 10.7 | | 93 |
| Dew Point | 4927201 | 67619 | 72.7 | 3.397 | 930 | | | 88.3 | 51.5 | .7 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 104/103 | | | | | | | | | | | .1 | | | | | | | 1 | 1 | | |
| 102/101 | | | | | | | | | | .1 | .2 | .3 | | | | | | 6 | 6 | | |
| 100/ 99 | | | | | | | | | | .2 | .2 | | .1 | | | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | | | .3 | .5 | .5 | | | | | | 13 | 13 | | |
| 96/ 95 | | | | | | | | .1 | 2.4 | 3.1 | 1.5 | .3 | | | | | | 69 | 69 | | |
| 94/ 93 | | | | | | .1 | .9 | 2.2 | 4.4 | 4.1 | 1.6 | | | | | | | 122 | 122 | | |
| 92/ 91 | | | | | .2 | 1.4 | 1.9 | 4.2 | 6.2 | 2.5 | .4 | .1 | | | | | | 158 | 158 | | |
| 90/ 89 | | | | | .5 | 3.4 | 3.3 | 6.2 | 2.3 | .4 | .1 | | | | | | | 152 | 152 | | |
| 88/ 87 | | | | .1 | 2.3 | 2.7 | 3.3 | 2.0 | .8 | .5 | .2 | | | | | | | 110 | 110 | | |
| 86/ 85 | | | .3 | .9 | 2.7 | 3.9 | 1.0 | .1 | .3 | | | | | | | | | 85 | 85 | | |
| 84/ 83 | | | .9 | 2.3 | 2.7 | .8 | .3 | | | | | | | | | | | 64 | 64 | 11 | |
| 82/ 81 | | .1 | 1.6 | 2.0 | 1.2 | .3 | .1 | | | | | | | | | | | 50 | 50 | 52 | |
| 80/ 79 | .1 | .5 | .8 | 1.3 | .2 | .1 | | | | | | | | | | | | 28 | 28 | 156 | 21 |
| 78/ 77 | | .4 | 2.2 | .5 | .2 | | | | | | | | | | | | | 31 | 31 | 281 | 68 |
| 76/ 75 | .2 | .9 | .6 | .1 | | | | | | | | | | | | | | 17 | 17 | 271 | 133 |
| 74/ 73 | .1 | .6 | .9 | .2 | | | | | | | | | | | | | | 17 | 17 | 106 | 157 |
| 72/ 71 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 39 | 227 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 12 | 147 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 2 | 108 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 38 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 13 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 12 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 2.7 | 7.2 | 7.4 | 9.9 | 12.7 | 10.8 | 14.8 | 16.3 | 11.3 | 4.9 | 1.3 | .1 | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3458926 | 55132 | 59.3 | 14.324 | 930 | | | | | | | |
| Dry Bulb | 7287085 | 82159 | 88.3 | 5.579 | 930 | | | 93.0 | 92.8 | 85.0 | 21.6 | 93 |
| Wet Bulb | 5477167 | 71331 | 76.7 | 2.558 | 930 | | | 93.0 | 87.7 | 12.4 | | 93 |
| Dew Point | 4789540 | 66650 | 71.7 | 3.735 | 930 | | | 86.1 | 37.9 | .9 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 — STATION NO. | FT RUCKER AL — STATION NAME | 69-70,73-80 — YEARS | JUL — MONTH



1500-1700 — HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 104/103 | | | | | | | | | | | | .2 | | | | | | 2 | 2 | | |
| 102/101 | | | | | | | | | | | .3 | | | | | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | | .5 | .2 | | | | | | 7 | 7 | | |
| 98/ 97 | | | | | | | | | | .8 | .9 | .6 | | | | | | 21 | 21 | | |
| 96/ 95 | | | | | | | | .3 | 1.4 | 2.4 | 1.3 | .9 | | | | | | 58 | 58 | | |
| 94/ 93 | | | | | | | .3 | 1.0 | 1.9 | 4.4 | 2.2 | .1 | | | | | | 92 | 92 | | |
| 92/ 91 | | | | | | .3 | 1.6 | 3.7 | 4.1 | 1.7 | .9 | .2 | | | | | | 116 | 116 | | |
| 90/ 89 | | | | | .1 | 2.0 | 2.5 | 4.1 | 1.7 | .8 | .2 | | | | | | | 106 | 106 | | |
| 88/ 87 | | | | | 1.6 | 3.9 | 3.2 | 1.4 | .9 | .3 | | | | | | | | 105 | 105 | | |
| 86/ 85 | | | .4 | .6 | 1.7 | 2.5 | 1.7 | .6 | .1 | .1 | | | | | | | | 73 | 73 | | |
| 84/ 83 | | .1 | .8 | 2.0 | 2.8 | 1.0 | .3 | | | | | | | | | | | 65 | 65 | 1 | |
| 82/ 81 | | | 1.6 | 4.0 | 2.5 | .1 | .1 | | | | | | | | | | | 77 | 77 | 34 | |
| 80/ 79 | .1 | .2 | 2.4 | 3.1 | .5 | .1 | | | | | | | | | | | | 60 | 60 | 120 | 11 |
| 78/ 77 | .2 | 1.5 | 3.9 | 1.6 | .4 | | | | | | | | | | | | | 71 | 71 | 227 | 45 |
| 76/ 75 | .2 | 2.0 | 1.6 | .6 | .3 | | | | | | | | | | | | | 45 | 45 | 286 | 120 |
| 74/ 73 | .5 | .9 | .4 | | | | | | | | | | | | | | | 17 | 17 | 172 | 166 |
| 72/ 71 | .2 | 1.1 | | | | | | | | | | | | | | | | 12 | 12 | 71 | 247 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 19 | 150 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 97 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 51 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 22 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 15 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.3 | 5.8 | 11.1 | 12.0 | 10.0 | 9.9 | 9.8 | 11.1 | 10.1 | 10.4 | 6.2 | 2.3 | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3919014 | 58360 | 62.8 | 16.625 | 930 | | | | | | | |
| Dry Bulb | 6987614 | 80382 | 86.4 | 6.563 | 930 | | | 93.0 | 91.8 | 75.7 | 18.3 | 93 |
| Wet Bulb | 5365231 | 70597 | 75.9 | 2.575 | 930 | | | 93.0 | 84.0 | 8.2 | | 93 |
| Dew Point | 4737797 | 66291 | 71.3 | 3.673 | 930 | | | 83.6 | 34.2 | .4 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

G3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | .1 | .2 | | | | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | .1 | .3 | .4 | .3 | .3 | | | | | | | 14 | 14 | | |
| 92/ 91 | | | | | | .2 | .3 | 1.1 | .4 | .5 | .1 | | | | | | | 25 | 25 | | |
| 90/ 89 | | | | | .4 | .5 | 1.2 | 1.4 | .8 | .2 | | | | | | | | 42 | 42 | | |
| 88/ 87 | | | | .1 | .4 | 1.9 | 2.4 | .8 | .5 | .1 | | | | | | | | 58 | 58 | | |
| 86/ 85 | | | | .9 | 2.7 | 3.9 | 1.7 | .9 | .2 | | | | | | | | | 95 | 95 | | |
| 84/ 83 | | | .9 | 2.0 | 4.0 | 2.5 | .4 | .3 | .1 | | | | | | | | | 95 | 95 | | |
| 82/ 81 | | .8 | 2.2 | 5.6 | 3.0 | 1.8 | .8 | | | | | | | | | | | 131 | 131 | 10 | |
| 80/ 79 | .2 | 1.6 | 4.8 | 5.1 | 2.3 | .9 | | | | | | | | | | | | 138 | 138 | 59 | 15 |
| 78/ 77 | .1 | 3.9 | 6.9 | 3.2 | .4 | .1 | .1 | | | | | | | | | | | 137 | 137 | 141 | 45 |
| 76/ 75 | 1.1 | 4.8 | 4.4 | 1.5 | .1 | .2 | | | | | | | | | | | | 113 | 113 | 289 | 123 |
| 74/ 73 | 1.0 | 2.7 | 1.5 | .4 | .1 | | | | | | | | | | | | | 53 | 53 | 256 | 228 |
| 72/ 71 | .9 | 1.1 | .4 | | | | | | | | | | | | | | | 22 | 22 | 134 | 245 |
| 70/ 69 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 33 | 144 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 6 | 76 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 11 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 3 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 2 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.2 | 15.1 | 21.1 | 18.8 | 13.4 | 12.0 | 7.0 | 4.7 | 2.7 | 1.5 | .4 | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_A$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5401881 | 69665 | 74.9 | 14.049 | 930 | | | | | | | |
| Dry Bulb | 6132514 | 75368 | 81.0 | 5.149 | 930 | | | 93.0 | 90.6 | 53.5 | 1.9 | 93 |
| Wet Bulb | 5196984 | 69480 | 74.7 | 2.574 | 930 | | | 92.8 | 75.5 | 3.3 | | 93 |
| Dew Point | 4813258 | 66838 | 71.9 | 3.230 | 930 | | | 87.6 | 41.1 | .2 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03856 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.P./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 90/ 89 | | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | .4 | .4 | .1 | .1 | | | | | | | | | | | 10 | 10 | | |
| 86/ 85 | | | | | .4 | .6 | | | | | | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | .3 | 1.1 | .9 | .4 | .3 | | | | | | | | | | | | 28 | 28 | | |
| 82/ 81 | | .1 | .6 | 4.1 | 2.7 | .4 | .2 | | | | | | | | | | | | 76 | 76 | | |
| 80/ 79 | .1 | 1.9 | 5.2 | 6.3 | 1.7 | .4 | | | | | | | | | | | | | 146 | 146 | 11 | 3 |
| 78/ 77 | .6 | 3.7 | 11.6 | 4.9 | 1.6 | | | | | | | | | | | | | | 228 | 228 | 74 | 33 |
| 76/ 75 | 1.5 | 8.9 | 10.0 | 2.6 | .8 | | | | | | | | | | | | | | 221 | 221 | 205 | 101 |
| 74/ 73 | 2.7 | 8.2 | 4.3 | .5 | | .1 | | | | | | | | | | | | | 147 | 147 | 326 | 232 |
| 72/ 71 | 2.0 | 2.3 | 1.1 | | .1 | | | | | | | | | | | | | | 51 | 51 | 223 | 299 |
| 70/ 69 | .4 | .5 | .1 | | .1 | | | | | | | | | | | | | | 11 | 11 | 75 | 172 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | | 13 | 56 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 2 | 6 |
| 62/ 59 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.4 | 27.6 | 33.2 | 19.6 | 8.7 | 2.5 | .9 | .1 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6697116 | 78416 | 84.3 | 9.577 | 930 | | | 93.0 | 86.8 | 18.7 | | 93 |
| Dry Bulb | 5521316 | 71592 | 77.0 | 3.300 | 930 | | | 92.7 | 61.6 | .8 | | 93 |
| Wet Bulb | 5022450 | 68310 | 73.5 | 2.313 | 930 | | | 89.6 | 36.9 | | | 93 |
| Dew Point | 4800387 | 66769 | 71.8 | 2.732 | 930 | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 104/103 | | | | | | | | | | | .0 | .0 | | | | | | 3 | 3 | | |
| 102/101 | | | | | | | | | | .0 | .1 | .0 | | | | | | 9 | 9 | | |
| 100/ 99 | | | | | | | | | | .0 | .1 | .0 | .0 | | | | | 12 | 12 | | |
| 98/ 97 | | | | | | | | | .0 | .2 | .2 | .1 | | | | | | 40 | 40 | | |
| 96/ 95 | | | | | | | | .1 | .5 | .7 | .3 | .1 | | | | | | 133 | 133 | | |
| 94/ 93 | | | | | | .0 | .2 | .6 | 1.0 | 1.1 | .6 | .0 | | | | | | 258 | 258 | | |
| 92/ 91 | | | | | .0 | .3 | .7 | 1.4 | 1.6 | .6 | .2 | .0 | | | | | | 365 | 365 | | |
| 90/ 89 | | | | | .2 | 1.0 | 1.3 | 2.0 | .7 | .2 | .0 | | | | | | | 410 | 410 | | |
| 88/ 87 | | | | .1 | 1.0 | 2.0 | 2.0 | .8 | .3 | .1 | .0 | | | | | | | 476 | 476 | | |
| 86/ 85 | | | .2 | .7 | 1.8 | 3.2 | .8 | .3 | .2 | .0 | | | | | | | | 466 | 466 | | |
| 84/ 83 | | .0 | .7 | 1.9 | 2.2 | 1.0 | .3 | .1 | .0 | | | | | | | | | 460 | 460 | 13 | |
| 82/ 81 | | .3 | 1.3 | 3.0 | 1.8 | .4 | .2 | | | | | | | | | | | 522 | 522 | 136 | 1 |
| 80/ 79 | .1 | 1.1 | 3.1 | 3.1 | 1.1 | .3 | .0 | | | | | | | | | | | 653 | 653 | 553 | 83 |
| 78/ 77 | .4 | 3.3 | 6.0 | 2.2 | .4 | .0 | .0 | | | | | | | | | | | 911 | 911 | 1147 | 362 |
| 76/ 75 | 1.6 | 6.0 | 6.1 | 1.1 | .2 | .0 | | | | | | | | | | | | 1111 | 1111 | 1803 | 983 |
| 74/ 73 | 2.2 | 6.0 | 3.7 | .4 | .0 | .0 | | | | | | | | | | | | 918 | 918 | 1765 | 1585 |
| 72/ 71 | 2.1 | 3.3 | 1.3 | .0 | .0 | | | | | | | | | | | | | 498 | 498 | 1310 | 2038 |
| 70/ 69 | .7 | 1.1 | .3 | .1 | .0 | | | | | | | | | | | | | 161 | 161 | 548 | 1355 |
| 68/ 67 | .0 | .3 | .0 | | | | | | | | | | | | | | | 23 | 23 | 122 | 624 |
| 66/ 65 | | .1 | .0 | | | | | | | | | | | | | | | 9 | 9 | 31 | 265 |
| 64/ 63 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 76 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 3 | 42 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 20 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 4 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.0 | 21.4 | 22.7 | 12.6 | 8.7 | 7.4 | 5.6 | 5.2 | 4.3 | 3.1 | 1.5 | .4 | .0 | | | | | | 7439 | | 7439 |
| | | | | | | | | | | | | | | | | | | 7439 | | 7439 | |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 45769578 | 570392 | 76.7 | 16.538 | 7439 | | | | | | | |
| Dry Bulb | 48510662 | 598506 | 80.5 | 6.935 | 7439 | | | 743.0 | 674.8 | 345.8 | 45.5 | 744 |
| Wet Bulb | 41258368 | 553540 | 74.4 | 3.049 | 7439 | | | 739.7 | 541.7 | 37.5 | | 744 |
| Dew Point | 38344022 | 533550 | 71.7 | 3.197 | 7439 | | | 703.2 | 301.4 | 2.4 | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .4 | .6 | | | | | | | | | | | | | | 10 | 10 | | |
| 80/ 79 | | .4 | 1.9 | 1.2 | .4 | .1 | | .3 | | | | | | | | | | 41 | 41 | | |
| 78/ 77 | | 3.2 | 7.6 | 2.6 | .2 | | | | | | | | | | | | | 121 | 121 | 13 | 3 |
| 76/ 75 | 1.3 | 10.6 | 12.9 | 2.6 | .3 | | | | | | | | | | | | | 258 | 258 | 98 | 54 |
| 74/ 73 | 4.4 | 14.3 | 12.2 | 1.5 | .4 | | | | | | | | | | | | | 305 | 305 | 273 | 190 |
| 72/ 71 | 1.6 | 6.5 | 4.7 | .8 | | | | | | | | | | | | | | 126 | 126 | 287 | 240 |
| 70/ 69 | .1 | 2.4 | 1.4 | .6 | .2 | .3 | | | | | | | | | | | | 47 | 47 | 148 | 239 |
| 68/ 67 | .1 | .4 | .8 | .2 | .3 | | | | | | | | | | | | | 17 | 17 | 67 | 101 |
| 66/ 65 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 20 | 49 |
| 64/ 63 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 11 | 24 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 10 | 10 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 11 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 1 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 5 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.5 | 37.8 | 41.6 | 10.2 | 1.9 | .5 | | .3 | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 7128408 | 81096 | 87.2 | 7.822 | 930 | | | | | | | |
| Dry Bulb | 5143001 | 69115 | 74.3 | 2.659 | 930 | | | 92.6 | 73.6 | 3.3 | | 93 |
| Wet Bulb | 4777829 | 66607 | 71.6 | 2.824 | 930 | | | 88.6 | 38.4 | | | 93 |
| Dew Point | 4603088 | 65350 | 70.3 | 3.444 | 930 | | | 82.7 | 24.7 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | 1.1 | | | | | | | | | | | | | | | 10 | 10 | | |
| 78/ 77 | | 1.8 | 4.4 | .5 | | | .2 | | | | | | | | | | | 65 | 65 | 3 | 1 |
| 76/ 75 | 2.5 | 6.9 | 6.8 | .6 | | .1 | | | | | | | | | | | | 157 | 157 | 72 | 35 |
| 74/ 73 | 5.8 | 14.3 | 12.6 | 1.0 | .1 | | | | | | | | | | | | | 314 | 314 | 190 | 149 |
| 72/ 71 | 3.9 | 13.5 | 7.9 | .4 | .1 | | | | | | | | | | | | | 239 | 239 | 286 | 226 |
| 70/ 69 | 1.0 | 3.9 | 4.4 | .3 | .2 | | | | | | | | | | | | | 91 | 91 | 222 | 256 |
| 68/ 67 | .3 | .9 | 1.7 | .1 | .1 | | | | | | | | | | | | | 29 | 29 | 82 | 132 |
| 66/ 65 | | 1.0 | .3 | .3 | | | | | | | | | | | | | | 15 | 15 | 34 | 57 |
| 64/ 63 | | .1 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | 23 | 28 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 11 | 22 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 6 | 14 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | 13.5 | 42.3 | 39.8 | 3.6 | .5 | .1 | .2 | | | | | | | | | | | | 929 | | 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 | 7490047 | 83175 | 89.5 | 6.826 | 929 | | | | | | | |
| Dry Bulb | 4945915 | 67739 | 72.9 | 2.673 | 929 | | | 90.8 | 54.9 | .5 | | 93 |
| Wet Bulb | 4660391 | 65741 | 70.8 | 2.974 | 929 | | | 85.6 | 26.5 | | | 93 |
| Dew Point | 4522700 | 64738 | 69.7 | 3.503 | 929 | | | 80.0 | 18.5 | | | 93 |

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | .1 | .8 | .3 | | | | | | | | | | | | 11 | 11 | | |
| 84/ 83 | | | .2 | 1.6 | 1.5 | .2 | .1 | | | | | | | | | | | 34 | 34 | | |
| 82/ 81 | | .2 | 1.8 | 3.3 | 1.5 | .1 | .1 | | | | | | | | | | | 66 | 66 | | |
| 80/ 79 | | 1.0 | 5.6 | 4.3 | .9 | .1 | | | | | | | | | | | | 110 | 110 | 11 | 1 |
| 78/ 77 | .2 | 5.7 | 7.0 | 3.5 | .8 | | | | | | | | | | | | | 160 | 160 | 66 | 25 |
| 76/ 75 | 2.0 | 8.9 | 9.0 | 1.4 | .4 | .1 | .1 | | | | | | | | | | | 205 | 205 | 206 | 109 |
| 74/ 73 | 2.4 | 8.0 | 7.1 | 1.4 | .2 | .2 | | | | | | | | | | | | 179 | 179 | 246 | 238 |
| 72/ 71 | 2.2 | 5.6 | 2.7 | .6 | | .1 | | | | | | | | | | | | 104 | 104 | 212 | 213 |
| 70/ 69 | .5 | 1.6 | 1.7 | .2 | .1 | | | | | | | | | | | | | 39 | 39 | 105 | 188 |
| 68/ 67 | .1 | .3 | .9 | | .2 | | | | | | | | | | | | | 14 | 14 | 44 | 76 |
| 66/ 65 | | .4 | .2 | .2 | | | | | | | | | | | | | | 8 | 8 | 19 | 31 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 13 | 18 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 5 | 19 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 4 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 5 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.4 | 31.7 | 36.2 | 16.8 | 6.3 | 1.2 | .3 | | | | | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6876001 | 79549 | 85.5 | 8.782 | 930 | | | 92.2 | 76.5 | 16.8 | | 93 |
| Dry Bulb | 5368153 | 70569 | 75.9 | 3.788 | 930 | | | 89.0 | 52.9 | .2 | | 93 |
| Wet Bulb | 4923515 | 67603 | 72.7 | 3.174 | 930 | | | 85.0 | 37.3 | | | 93 |
| Dew Point | 4724114 | 66202 | 71.2 | 3.523 | 930 | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
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# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .2 | .2 | | | | | | | | 4 | 4 | | |
| 94/ 93 | | | | | | | | .5 | .2 | .3 | .1 | | | | | | | 11 | 12 | | |
| 92/ 91 | | | | | | .1 | 1.1 | 1.0 | 1.6 | .6 | | | | | | | | 41 | 41 | | |
| 90/ 89 | | | | | .5 | 1.6 | 3.8 | 3.3 | .8 | .3 | | | | | | | | 96 | 96 | | |
| 88/ 87 | | | | .1 | 1.3 | 7.0 | 6.4 | 1.5 | .5 | .2 | | | | | | | | 158 | 158 | | |
| 86/ 85 | | | .1 | 1.8 | 7.1 | 9.1 | 2.0 | .5 | .4 | | | | | | | | | 197 | 197 | | |
| 84/ 83 | | | .9 | 5.1 | 7.1 | 2.8 | .5 | .5 | .1 | | | | | | | | | 158 | 158 | | |
| 82/ 81 | | .5 | 2.8 | 4.1 | 3.6 | 1.0 | .6 | .5 | .1 | | | | | | | | | 123 | 123 | 14 | |
| 80/ 79 | | .3 | 3.6 | 2.4 | 1.0 | .4 | .2 | | | | | | | | | | | 73 | 73 | 98 | 13 |
| 78/ 77 | | .9 | 1.8 | .9 | .3 | .2 | .3 | | | | | | | | | | | 41 | 41 | 308 | 45 |
| 76/ 75 | .3 | .5 | 1.1 | .1 | | | | | | | | | | | | | | 19 | 19 | 309 | 166 |
| 74/ 73 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 127 | 260 |
| 72/ 71 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 44 | 208 |
| 70/ 69 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 19 | 125 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 6 | 55 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 22 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 17 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 10 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 5 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .3 | 3.0 | 10.3 | 14.4 | 20.9 | 22.3 | 15.0 | 8.0 | 4.0 | 1.7 | .1 | | | | | | | | 930 | | 929 |
| | | | | | | | | | | | | | | | | | | 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. | 4293510 | 62260 | 67.0 | 11.416 | 929 | | | | | | | |
| Dry Bulb | 6676217 | 78707 | 84.6 | 4.038 | 930 | | | 93.0 | 92.7 | 82.9 | 1.6 | 93 |
| Wet Bulb | 5367307 | 70577 | 76.0 | 2.436 | 929 | | | 92.6 | 85.7 | 4.5 | | 93 |
| Dew Point | 4848700 | 67040 | 72.2 | 3.420 | 929 | | | 87.3 | 48.5 | .1 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69~70,73-80 (YEARS) AUG (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 | | | | |
| 102/101 | | | | | | | | | | | | | | | .2 | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | | .2 | | .3 | | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | .1 | | .2 | .3 | .2 | | | | | | 8 | 8 | | |
| 96/ 95 | | | | | | | | .1 | .4 | 1.3 | 1.5 | .5 | | | | | | 36 | 36 | | |
| 94/ 93 | | | | | | .2 | .1 | 1.0 | 3.2 | 2.4 | 1.3 | .3 | | | | | | 79 | 79 | | |
| 92/ 91 | | | | | .1 | .4 | 2.6 | 6.3 | 5.2 | 2.2 | .2 | .1 | | | | | | 159 | 159 | | |
| 90/ 89 | | | | | .5 | 1.8 | 6.1 | 8.8 | 2.5 | .8 | .2 | | | | | | | 193 | 193 | | |
| 88/ 87 | | | | .1 | 1.0 | 4.1 | 6.3 | 2.3 | 1.1 | .2 | | | | | | | | 140 | 140 | | |
| 86/ 85 | | | .1 | 1.0 | 2.2 | 4.2 | 1.4 | 1.1 | .8 | .1 | | | | | | | | 100 | 100 | | |
| 84/ 83 | | | .3 | 2.4 | 2.7 | 1.3 | .3 | .4 | .3 | .3 | | | | | | | | 75 | 75 | 5 | |
| 82/ 81 | | .2 | 1.1 | 1.4 | 1.0 | .4 | .2 | .2 | | | | | | | | | | 42 | 42 | 19 | 1 |
| 80/ 79 | | .6 | 1.2 | 1.3 | .4 | .1 | | | | | | | | | | | | 34 | 34 | 122 | 13 |
| 78/ 77 | | 1.1 | .9 | .3 | | | | | | | | | | | | | | 21 | 21 | 300 | 41 |
| 76/ 75 | | 1.1 | 1.1 | .2 | | | | | | | | | | | | | | 22 | 22 | 283 | 110 |
| 74/ 73 | | .4 | .6 | .2 | | | | | | | | | | | | | | 12 | 12 | 129 | 162 |
| 72/ 71 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 40 | 242 |
| 70/ 69 | | | | | | | | | | | | | | | | | | | | 24 | 175 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 6 | 76 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 27 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 17 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 10 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 3.7 | 5.3 | 6.9 | 7.8 | 12.6 | 17.1 | 20.3 | 13.4 | 7.4 | 3.5 | 1.4 | | .3 | .2 | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3392402 | 54762 | 58.9 | 13.440 | 930 | | | | | | | |
| Dry Bulb | 7190727 | 81643 | 87.8 | 5.023 | 930 | | | 93.0 | 92.8 | 86.1 | 13.0 | 93 |
| Wet Bulb | 5400350 | 70830 | 76.2 | 2.509 | 930 | | | 92.8 | 85.8 | 5.5 | | 93 |
| Dew Point | 4707039 | 66069 | 71.0 | 3.873 | 930 | | | 82.0 | 32.7 | .4 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | .1 | .1 | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | | | .1 | .4 | | .3 | | | | 8 | 8 | | |
| 98/ 97 | | | | | | | | | .1 | | .2 | .2 | .2 | | | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | .1 | .1 | .6 | 1.0 | .8 | .1 | .1 | | | | 26 | 26 | | |
| 94/ 93 | | | | | | | | .8 | 2.3 | 2.7 | .6 | .8 | | | | | | 66 | 66 | | |
| 92/ 91 | | | | | .1 | .2 | 1.3 | 4.1 | 5.7 | 1.6 | .4 | .2 | | | | | | 127 | 127 | | |
| 90/ 89 | | | | | .1 | .9 | 3.4 | 7.3 | 2.2 | 1.0 | .2 | | | | | | | 140 | 140 | | |
| 88/ 87 | | | | | .8 | 2.9 | 4.5 | 2.4 | 1.3 | .2 | | | | | | | | 112 | 112 | | |
| 86/ 85 | | | .3 | .6 | 3.2 | 3.3 | 1.4 | .8 | .8 | | .2 | | | | | | | 99 | 99 | | |
| 84/ 83 | | | .5 | 2.0 | 3.0 | 2.6 | .2 | .3 | .1 | .3 | .1 | | | | | | | 86 | 86 | 1 | |
| 82/ 81 | | .3 | 1.4 | 2.6 | 2.6 | .2 | .1 | | | | | | | | | | | 67 | 67 | 12 | |
| 80/ 79 | | .6 | 3.1 | 3.2 | .8 | .2 | .1 | | | | | | | | | | | 75 | 75 | 67 | 11 |
| 78/ 77 | | 1.2 | 2.5 | 1.1 | .2 | | | | | | | | | | | | | 46 | 46 | 266 | 34 |
| 76/ 75 | | 1.5 | 2.2 | .9 | .1 | | | | | | | | | | | | | 43 | 43 | 297 | 95 |
| 74/ 73 | .1 | 1.2 | .8 | | | | | | | | | | | | | | | 19 | 19 | 180 | 168 |
| 72/ 71 | | .6 | | | | | | | | | | | | | | | | 6 | 6 | 56 | 245 |
| 70/ 69 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 34 | 170 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 1 | 101 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 6 | 41 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | 28 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 15 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 13 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 2 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .1 | 5.5 | 10.9 | 10.4 | 10.9 | 10.3 | 11.1 | 15.7 | 12.5 | 6.5 | 2.9 | 2.4 | .3 | .5 | .1 | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3813146 | 57742 | 62.1 | 15.668 | 930 | | | | | | | |
| Dry Bulb | 6923788 | 80058 | 86.1 | 5.877 | 930 | | | 93.0 | 92.3 | 78.5 | 10.9 | 93 |
| Wet Bulb | 5307281 | 70215 | 75.5 | 2.552 | 930 | | | 92.4 | 82.3 | 4.2 | | 93 |
| Dew Point | 4669609 | 65795 | 70.7 | 3.990 | 930 | | | 82.4 | 30.8 | .3 | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | .1 | | .2 | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | | .1 | .1 | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | .3 | .6 | .2 | | | | | | | | 11 | 11 | | |
| 90/ 89 | | | | | | .5 | .5 | 1.2 | .3 | .2 | .1 | | | | | | | 27 | 27 | | |
| 88/ 87 | | | | | .2 | 1.8 | 2.8 | .4 | .2 | .2 | | | | | | | | 53 | 53 | | |
| 86/ 85 | | | | .6 | 1.8 | 3.4 | 1.3 | .5 | .3 | | | | | | | | | 75 | 75 | | |
| 84/ 83 | | | .5 | 2.2 | 5.1 | 2.5 | 1.3 | .3 | .1 | | | | | | | | | 111 | 111 | | |
| 82/ 81 | | | .9 | 4.6 | 4.9 | 1.2 | .6 | .3 | .1 | .1 | | | | | | | | 119 | 119 | | |
| 80/ 79 | | 1.8 | 6.1 | 5.6 | 1.8 | 1.6 | .5 | | | | | | | | | | | 163 | 163 | 26 | |
| 78/ 77 | .1 | 2.5 | 7.6 | 4.6 | .5 | .3 | .1 | .2 | | | | | | | | | | 149 | 149 | 127 | 24 |
| 76/ 75 | .9 | 4.8 | 6.6 | 1.9 | .1 | .2 | .1 | .1 | | | | | | | | | | 137 | 137 | 282 | 111 |
| 74/ 73 | .6 | 2.2 | 2.9 | .2 | .1 | .1 | | | | | | | | | | | | 57 | 57 | 257 | 218 |
| 72/ 71 | .2 | 1.5 | .5 | | | | | | | | | | | | | | | 21 | 21 | 157 | 236 |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 61 | 192 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 11 | 72 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 4 | 25 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 4 | 22 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 10 |
| 58/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.8 | 12.9 | 25.2 | 19.8 | 14.6 | 11.7 | 7.3 | 3.4 | 1.8 | .8 | .4 | .1 | .1 | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 5385754 | 69693 | 74.9 | 13.254 | 930 | | | | | | | |
| Dry Bulb | 6006584 | 74618 | 80.2 | 4.599 | 930 | | | 93.0 | 90.8 | 48.5 | .6 | 93 |
| Wet Bulb | 5107328 | 68876 | 74.1 | 2.616 | 930 | | | 92.1 | 69.2 | .4 | | 93 |
| Dew Point | 4721348 | 66180 | 71.2 | 3.578 | 930 | | | 85.3 | 35.3 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) AUG (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 88/ 87 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | | | .6 | .4 | | | .1 | | | | | | | | | 11 | 11 | | |
| 84/ 83 | | | .1 | .6 | .5 | .3 | .1 | | .2 | | | | | | | | | 18 | 18 | | |
| 82/ 81 | | .1 | .6 | 3.0 | 1.7 | .1 | | | | | | | | | | | | 52 | 52 | | |
| 80/ 79 | | .9 | 4.6 | 6.0 | 1.4 | .6 | .1 | .1 | | | | | | | | | | 128 | 128 | 3 | |
| 78/ 77 | .3 | 4.8 | 12.0 | 5.2 | 1.5 | .4 | | | | | | | | | | | | 226 | 226 | 45 | 11 |
| 76/ 75 | .4 | 10.5 | 10.8 | 3.4 | .5 | .1 | .1 | | | | | | | | | | | 241 | 241 | 184 | 86 |
| 74/ 73 | 2.3 | 8.8 | 6.2 | 1.5 | .5 | .2 | .2 | | | | | | | | | | | 184 | 184 | 320 | 239 |
| 72/ 71 | .1 | 2.3 | 3.1 | .6 | .2 | .2 | .1 | | | | | | | | | | | 62 | 62 | 219 | 230 |
| 70/ 69 | | .2 | .1 | .1 | .2 | | | | | | | | | | | | | 6 | 6 | 103 | 203 |
| 68/ 67 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 34 | 84 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 11 | 32 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 5 | 16 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 11 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 9 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 3 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 3 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.1 | 27.6 | 37.6 | 20.6 | 7.3 | 2.5 | .8 | .1 | .3 | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 95 F | Total |
| Rel. Hum | 6541895 | 77501 | 83.3 | 9.475 | 930 | | | | | | | |
| Dry Bulb | 5441148 | 71082 | 76.4 | 2.969 | 930 | | | 93.0 | 86.1 | 13.8 | | 93 |
| Wet Bulb | 4925984 | 67638 | 72.7 | 2.693 | 930 | | | 90.8 | 55.2 | | | 93 |
| Dew Point | 4689372 | 65960 | 70.9 | 3.469 | 930 | | | 85.3 | 33.6 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | AUG MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | .0 | 0 | | | | 4 | 4 | | |
| 100/ 99 | | | | | | | | | | | .0 | .1 | | .1 | | | | | 13 | 13 | | |
| 98/ 97 | | | | | | | | .0 | .0 | .0 | .1 | .1 | .0 | | | | | | 16 | 16 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .3 | .3 | .2 | .0 | .0 | | | | | 69 | 69 | | |
| 94/ 93 | | | | | | .0 | .0 | .3 | .7 | .7 | .3 | .1 | | | | | | | 158 | 159 | | |
| 92/ 91 | | | | | .0 | .1 | .6 | 1.5 | 1.6 | .6 | .1 | .0 | | | | | | | 338 | 338 | | |
| 90/ 89 | | | | | .1 | .6 | 1.7 | 2.6 | .7 | .3 | .1 | | | | | | | | 456 | 456 | | |
| 88/ 87 | | | | .0 | .4 | 2.0 | 2.5 | .8 | .4 | .1 | | | | | | | | | 464 | 464 | | |
| 86/ 85 | | | .1 | .5 | 2.0 | 2.6 | .8 | .4 | .3 | .0 | .0 | | | | | | | | 493 | 493 | | |
| 84/ 83 | | | .3 | 1.7 | 2.5 | 1.2 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 483 | 483 | 6 | |
| 82/ 81 | | .2 | 1.2 | 2.5 | 1.9 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 481 | 481 | 45 | 1 |
| 80/ 79 | | .7 | 3.4 | 3.0 | .8 | .4 | .1 | .1 | | | | | | | | | | | 634 | 634 | 327 | 38 |
| 78/ 77 | .1 | 2.6 | 5.4 | 2.3 | .4 | .1 | .1 | .0 | | | | | | | | | | | 829 | 829 | 1128 | 184 |
| 76/ 75 | .9 | 5.6 | 6.3 | 1.4 | .2 | .1 | .0 | .0 | | | | | | | | | | | 1082 | 1082 | 1731 | 766 |
| 74/ 73 | 1.9 | 6.2 | 5.3 | .7 | .2 | .1 | .0 | | | | | | | | | | | | 1075 | 1075 | 1722 | 1624 |
| 72/ 71 | 1.0 | 3.8 | 2.4 | .3 | .0 | .0 | .0 | | | | | | | | | | | | 561 | 561 | 1311 | 1840 |
| 70/ 69 | .2 | 1.0 | 1.0 | .2 | .1 | .0 | | | | | | | | | | | | | 187 | 187 | 716 | 1548 |
| 68/ 67 | .1 | .2 | .4 | .1 | .1 | | | | | | | | | | | | | | 61 | 61 | 251 | 697 |
| 66/ 65 | | .2 | .1 | .1 | | | | | | | | | | | | | | | 26 | 26 | 100 | 308 |
| 64/ 63 | | .0 | .1 | .0 | | | | | | | | | | | | | | | 8 | 8 | 56 | 180 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 33 | 118 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 12 | 76 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | 29 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | 13 |
| TOTAL | 4.3 | 20.6 | 25.9 | 12.8 | 8.8 | 7.6 | 6.5 | 6.0 | 4.0 | 2.0 | .9 | .5 | .1 | .1 | .0 | | | | | 7439 | | 7438 |
| | | | | | | | | | | | | | | | | | | | 7438 | | 7438 | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 44921163 | 565777 | 76.1 | 15.920 | 7438 | | | | | | | |
| Dry Bulb | 47695533 | 593531 | 79.8 | 6.759 | 7439 | | | 740.6 | 659.7 | 330.1 | 26.1 | 744 |
| Wet Bulb | 40469985 | 548087 | 73.7 | 3.338 | 7438 | | | 723.9 | 496.0 | 14.8 | | 744 |
| Dew Point | 37485970 | 527330 | 70.9 | 3.667 | 7438 | | | 670.0 | 261.4 | .8 | | 744 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .3 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | | |
| 78/ 77 | .2 | 4.3 | 1.4 | .7 | .1 | | | | | | | | | | | | | 61 | 61 | 10 | 6 |
| 76/ 75 | 1.8 | 7.2 | 6.4 | 1.7 | .9 | .2 | | | | | | | | | | | | 164 | 164 | 74 | 49 |
| 74/ 73 | 2.7 | 8.6 | 11.3 | 3.0 | .2 | .1 | | | | | | | | | | | | 233 | 233 | 144 | 110 |
| 72/ 71 | 2.4 | 10.6 | 5.9 | 1.0 | .1 | | | | | | | | | | | | | 180 | 180 | 188 | 152 |
| 70/ 69 | .9 | 5.1 | 3.1 | .7 | .3 | | | | | | | | | | | | | 90 | 90 | 191 | 189 |
| 68/ 67 | .7 | 2.0 | 2.2 | .9 | .2 | | | | | | | | | | | | | 54 | 54 | 103 | 124 |
| 66/ 65 | .3 | 1.4 | 1.3 | .8 | .1 | | | | | | | | | | | | | 36 | 36 | 46 | 83 |
| 64/ 63 | | 1.6 | .9 | .8 | .2 | | | | | | | | | | | | | 31 | 31 | 45 | 46 |
| 62/ 61 | | .4 | .7 | .2 | | | | | | | | | | | | | | 12 | 12 | 31 | 34 |
| 60/ 59 | | .8 | .3 | | | | | | | | | | | | | | | 10 | 10 | 20 | 32 |
| 58/ 57 | | .4 | .2 | .2 | .2 | | | | | | | | | | | | | 10 | 10 | 23 | 18 |
| 56/ 55 | | .6 | .1 | | | | | | | | | | | | | | | 6 | 6 | 6 | 21 |
| 54/ 53 | | .4 | | .1 | | | | | | | | | | | | | | 5 | 5 | 8 | 12 |
| 52/ 51 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 15 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 1 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.0 | 44.1 | 34.1 | 10.1 | 2.3 | .3 | | | | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 7020600 | 79124 | 87.9 | 8.462 | 900 | | | | | | | |
| Dry Bulb | 4628407 | 64405 | 71.6 | 4.659 | 900 | | | 78.7 | 46.3 | | | 90 |
| Wet Bulb | 4321444 | 62198 | 69.1 | 5.059 | 900 | | | 71.0 | 22.8 | | | 90 |
| Dew Point | 4166747 | 61019 | 67.8 | 5.750 | 900 | | | 63.0 | 16.5 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | SEP MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 |
| 78/ 77 | .4 | 1.4 | .1 | | | | | | | | | | | | | | | 18 | 18 | 7 | 7 |
| 76/ 75 | 1.4 | 4.2 | 2.3 | .2 | | | | | | | | | | | | | | 74 | 74 | 38 | 27 |
| 74/ 73 | 4.4 | 9.1 | 7.8 | .7 | | | | | | | | | | | | | | 198 | 198 | 105 | 89 |
| 72/ 71 | 4.0 | 13.5 | 8.1 | .9 | .1 | | | | | | | | | | | | | 239 | 239 | 163 | 140 |
| 70/ 69 | 4.1 | 8.6 | 5.0 | .8 | .2 | | | | | | | | | | | | | 168 | 168 | 241 | 189 |
| 68/ 67 | .6 | 2.7 | 3.0 | .1 | | | | | | | | | | | | | | 57 | 58 | 111 | 155 |
| 66/ 65 | .4 | 1.6 | 1.0 | .2 | .1 | | | | | | | | | | | | | 30 | 30 | 69 | 77 |
| 64/ 63 | .4 | 2.4 | .8 | .6 | .4 | | | | | | | | | | | | | 42 | 42 | 44 | 59 |
| 62/ 61 | | 1.4 | .2 | .6 | | | | | | | | | | | | | | 20 | 20 | 35 | 32 |
| 60/ 59 | | 1.3 | .3 | .3 | | | | | | | | | | | | | | 18 | 18 | 19 | 38 |
| 58/ 57 | | .6 | .6 | | | | | | | | | | | | | | | 10 | 10 | 21 | 18 |
| 56/ 55 | | .4 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 18 | 17 |
| 54/ 53 | | .4 | | .2 | | | | | | | | | | | | | | 6 | 6 | 10 | 11 |
| 52/ 51 | | .4 | .2 | | | | | | | | | | | | | | | 6 | 6 | 4 | 20 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 8 |
| 48/ 47 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 3 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 16.1 | 48.6 | 29.6 | 4.3 | .9 | | | | | | | | | | | | | | 900 | | 899 |
| | | | | | | | | | | | | | | | | | | 899 | | 899 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7369503 | 81095 | 90.2 | 7.774 | 899 | | | | | | | |
| Dry Bulb | 4445872 | 63106 | 70.1 | 4.835 | 900 | | | 75.7 | 29.2 | | | 90 |
| Wet Bulb | 4204304 | 61294 | 68.2 | 5.304 | 899 | | | 66.8 | 15.2 | | | 90 |
| Dew Point | 4084383 | 60357 | 67.1 | 5.982 | 899 | | | 61.0 | 12.5 | | | 90 |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | SEP MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | .1 | .2 | .1 | | .1 | | | | | | | | | | | 5 | 5 | | |
| 82/ 81 | | .1 | 1.1 | 1.0 | .3 | .1 | | | | | | | | | | | | 24 | 24 | | |
| 80/ 79 | .1 | 1.1 | 1.1 | 2.9 | .6 | .3 | .1 | | | | | | | | | | | 56 | 56 | 8 | 3 |
| 78/ 77 | .4 | 3.3 | 3.2 | 2.0 | .7 | | | | | | | | | | | | | 87 | 87 | 34 | 24 |
| 76/ 75 | 1.6 | 4.1 | 5.6 | 2.1 | .3 | | .1 | | | | | | | | | | | 124 | 124 | 85 | 59 |
| 74/ 73 | 2.4 | 7.8 | 6.5 | .9 | .1 | | | | | | | | | | | | | 159 | 159 | 135 | 91 |
| 72/ 71 | 2.8 | 9.3 | 4.7 | .7 | .1 | .1 | | | | | | | | | | | | 159 | 159 | 192 | 174 |
| 70/ 69 | 2.6 | 4.8 | 4.0 | .9 | .4 | .1 | | | | | | | | | | | | 115 | 115 | 167 | 185 |
| 68/ 67 | .6 | 2.8 | 2.1 | .3 | .4 | .2 | | | | | | | | | | | | 58 | 58 | 77 | 112 |
| 66/ 65 | .2 | 1.7 | 1.1 | .4 | .1 | .1 | | | | | | | | | | | | 33 | 33 | 61 | 63 |
| 64/ 63 | | .9 | 1.0 | .3 | .6 | | | | | | | | | | | | | 28 | 28 | 42 | 52 |
| 62/ 61 | | .4 | .7 | .3 | .1 | | | | | | | | | | | | | 16 | 16 | 24 | 32 |
| 60/ 59 | | .6 | .2 | .2 | | | | | | | | | | | | | | 9 | 9 | 18 | 20 |
| 58/ 57 | | .7 | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 24 | 22 |
| 56/ 55 | | .2 | .2 | .2 | | | | | | | | | | | | | | 6 | 6 | 13 | 15 |
| 54/ 53 | | .3 | | .1 | | | | | | | | | | | | | | 4 | 4 | 5 | 16 |
| 52/ 51 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 12 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 11 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.0 | 38.7 | 31.7 | 13.1 | 3.9 | 1.0 | .4 | .1 | | | | | | | | | | 899 | 899 | 899 | 899 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6881087 | 78167 | 86.9 | 9.704 | 899 | | | | | | | |
| Dry Bulb | 4710073 | 64887 | 72.2 | 5.456 | 899 | | | 79.0 | 45.8 | 6.7 | | 90 |
| Wet Bulb | 4363240 | 62436 | 69.5 | 5.486 | 899 | | | 69.9 | 26.2 | .2 | | 90 |
| Dew Point | 4191955 | 61139 | 68.0 | 6.156 | 899 | | | 64.9 | 17.7 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 96/ 95 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | .1 | .2 | .2 | .1 | | | | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | .1 | .1 | .8 | .4 | .1 | .1 | | | | | | 15 | 15 | | |
| 90/ 89 | | | | | .1 | .2 | 1.8 | 1.9 | .9 | 1.0 | | | | | | | | 53 | 53 | | |
| 88/ 87 | | | | | .9 | 3.2 | 5.2 | .6 | .6 | | | | | | | | | 94 | 94 | | |
| 86/ 85 | | | | 1.4 | 3.9 | 4.9 | 3.1 | .8 | .2 | | | | | | | | | 129 | 129 | | |
| 84/ 83 | | | 1.3 | 1.9 | 4.7 | 3.2 | 1.3 | .8 | .2 | | | | | | | | | 121 | 121 | | |
| 82/ 81 | | .2 | 2.2 | 3.8 | 3.9 | 1.9 | .3 | .3 | .3 | | | | | | | | | 117 | 117 | 2 | |
| 80/ 79 | .1 | .1 | 2.6 | 2.8 | 2.3 | .9 | .3 | .6 | .1 | | | | | | | | | 88 | 88 | 58 | 9 |
| 78/ 77 | .2 | 1.2 | 2.2 | 2.0 | 1.4 | .3 | .9 | .3 | .3 | | | | | | | | | 81 | 81 | 150 | 27 |
| 76/ 75 | .1 | 2.1 | 1.8 | .6 | .2 | .7 | .1 | | .1 | | | | | | | | | 51 | 51 | 215 | 94 |
| 74/ 73 | .1 | .6 | 1.4 | .8 | .4 | .9 | .3 | .4 | | | | | | | | | | 45 | 45 | 186 | 154 |
| 72/ 71 | .3 | .8 | .8 | .3 | .2 | .1 | .2 | | | | | | | | | | | 25 | 25 | 91 | 164 |
| 70/ 69 | | .9 | 1.0 | .3 | .6 | .2 | .3 | | | | | | | | | | | 30 | 30 | 50 | 151 |
| 68/ 67 | | 1.2 | .2 | 1.1 | .2 | .2 | | | | | | | | | | | | 27 | 27 | 33 | 88 |
| 66/ 65 | .1 | .2 | | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 49 | 64 |
| 64/ 63 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 22 | 36 |
| 62/ 61 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 17 | 18 |
| 60/ 59 | | .1 | .2 | .1 | | | | | | | | | | | | | | 4 | 4 | 13 | 24 |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 26 |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 15 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.0 | 7.7 | 14.0 | 15.3 | 19.3 | 16.8 | 14.1 | 5.9 | 3.8 | 1.7 | .2 | .1 | .1 | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 4414084 | 61814 | 68.7 | 13.693 | 900 | | | | | | | |
| Dry Bulb | 5929800 | 72823 | 80.9 | 6.377 | 900 | | | 88.3 | 80.1 | 58.3 | .7 | 90 |
| Wet Bulb | 4821861 | 65727 | 73.0 | 4.926 | 900 | | | 78.5 | 61.1 | 1.8 | | 90 |
| Dew Point | 4338736 | 62256 | 69.2 | 5.992 | 900 | | | 68.7 | 28.4 | .2 | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (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 |
| 100/ 99 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | .1 | .1 | .1 | | .7 | | | | 9 | 9 | | |
| 96/ 95 | | | | | | | | | | .3 | .6 | .8 | | .1 | | | | 16 | 16 | | |
| 94/ 93 | | | | | | | .1 | .8 | 1.2 | 1.2 | 1.0 | .8 | .1 | .1 | | | | 48 | 48 | | |
| 92/ 91 | | | | | | | .8 | 3.1 | 3.2 | 2.3 | .7 | .1 | | | | | | 92 | 92 | | |
| 90/ 89 | | | | | | .7 | 4.9 | 6.9 | 2.3 | .8 | | | | | | | | 140 | 140 | | |
| 88/ 87 | | | | .1 | | 3.4 | 5.4 | 3.6 | 1.6 | .8 | .1 | | | | | | | 135 | 135 | | |
| 86/ 85 | | | | .6 | 1.8 | 3.6 | 2.2 | 2.1 | .4 | .9 | .1 | | | | | | | 105 | 105 | | |
| 84/ 83 | | | .2 | 1.2 | 2.1 | 2.9 | 1.7 | .4 | .7 | .8 | | | | | | | | 90 | 90 | | |
| 82/ 81 | | .1 | .3 | 1.1 | 1.3 | .8 | 1.3 | .6 | .8 | .1 | .1 | | | | | | | 59 | 59 | 7 | |
| 80/ 79 | | .7 | 1.1 | 1.2 | .7 | .7 | .1 | .4 | .1 | .1 | | | | | | | | 46 | 46 | 51 | 5 |
| 78/ 77 | .1 | 1.0 | .9 | .7 | .4 | .1 | .4 | .9 | .4 | .2 | | | | | | | | 47 | 47 | 190 | 14 |
| 76/ 75 | | .8 | 1.1 | .4 | .2 | .4 | | .6 | .3 | | | | | | | | | 35 | 35 | 223 | 66 |
| 74/ 73 | | .8 | .4 | .4 | 1.0 | | .1 | .1 | | | | | | | | | | 26 | 26 | 174 | 109 |
| 72/ 71 | | .9 | .4 | .1 | .2 | .1 | | | | | | | | | | | | 16 | 16 | 82 | 156 |
| 70/ 69 | | .7 | .4 | .2 | | | | | | | | | | | | | | 12 | 12 | 53 | 165 |
| 68/ 67 | .2 | .7 | | .1 | | | | | | | | | | | | | | 9 | 9 | 38 | 116 |
| 66/ 65 | | .2 | .1 | | .1 | | | | | | | | | | | | | 4 | 4 | 37 | 87 |
| 64/ 63 | | .2 | | | .3 | | | | | | | | | | | | | 5 | 5 | 18 | 39 |
| 62/ 61 | | | .3 | | .2 | | | | | | | | | | | | | 5 | 5 | 17 | 46 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 6 | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 8 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 6 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .3 | 6.0 | 5.4 | 6.2 | 8.4 | 12.7 | 17.1 | 19.4 | 11.1 | 7.7 | 2.7 | 1.9 | .1 | .9 | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3323008 | 52980 | 58.9 | 15.073 | 900 | | | | | | | |
| Dry Bulb | 6522731 | 76379 | 84.9 | 6.735 | 900 | | | 88.6 | 84.9 | 72.2 | 7.4 | 90 |
| Wet Bulb | 4891284 | 66228 | 73.6 | 4.448 | 900 | | | 81.8 | 64.5 | 1.3 | | 90 |
| Dew Point | 4203663 | 61279 | 68.1 | 5.902 | 900 | | | 63.1 | 19.4 | .3 | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | SEP MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | | | .1 | .1 | .1 | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | | | .7 | .3 | .4 | | .1 | | | | 14 | 14 | | |
| 94/ 93 | | | | | | | | .1 | 1.1 | .6 | 1.2 | .7 | .6 | | | | | 38 | 38 | | |
| 92/ 91 | | | | | | | | 2.9 | 2.9 | 1.9 | .9 | .1 | | | | | | 78 | 78 | | |
| 90/ 89 | | | | | | | 1.6 | 6.3 | 2.7 | .8 | .2 | | | | | | | 104 | 104 | | |
| 88/ 87 | | | | .1 | .3 | 2.7 | 3.3 | 3.4 | 1.7 | .4 | .2 | | | | | | | 110 | 110 | | |
| 86/ 85 | | | | .3 | .9 | 3.0 | 3.4 | 2.0 | .4 | .4 | .3 | | | | | | | 98 | 98 | | |
| 84/ 83 | | | .1 | 1.3 | 2.3 | 2.2 | 1.8 | .4 | 1.1 | .7 | | | | | | | | 90 | 90 | | |
| 82/ 81 | | .4 | 1.0 | 1.7 | 1.8 | 1.6 | .7 | .4 | .7 | .2 | .1 | | | | | | | 77 | 77 | 1 | |
| 80/ 79 | | 1.1 | 1.0 | 2.1 | 1.3 | 1.7 | .2 | .8 | .2 | .2 | .1 | | | | | | | 79 | 79 | 23 | 1 |
| 78/ 77 | | 1.7 | 1.4 | .8 | .8 | .2 | .3 | .3 | .7 | | | | | | | | | 56 | 56 | 158 | 20 |
| 76/ 75 | | 1.0 | 1.1 | .7 | .4 | .7 | .4 | .3 | .6 | | | | | | | | | 47 | 47 | 198 | 54 |
| 74/ 73 | | 2.2 | 1.1 | .3 | .2 | | | .1 | | | | | | | | | | 36 | 36 | 210 | 72 |
| 72/ 71 | .1 | 1.1 | .9 | .3 | .6 | .1 | .1 | | | | | | | | | | | 29 | 29 | 114 | 186 |
| 70/ 69 | .1 | 1.1 | .1 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | 61 | 151 |
| 68/ 67 | .3 | .6 | | | | | | | | | | | | | | | | 8 | 8 | 46 | 134 |
| 66/ 65 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 40 | 89 |
| 64/ 63 | | .1 | | | .1 | | | | | | | | | | | | | 2 | 2 | 15 | 40 |
| 62/ 61 | | .6 | .1 | | .2 | | | | | | | | | | | | | 8 | 8 | 19 | 40 |
| 60/ 59 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | 6 | 29 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 28 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 5 | 22 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 10.1 | 7.1 | 8.1 | 9.1 | 12.1 | 11.9 | 17.2 | 12.0 | 5.9 | 3.4 | 1.3 | .8 | .3 | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | | | 900 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3643440 | 55200 | 61.3 | 16.935 | 900 | | | | | | | |
| Dry Bulb | 6308293 | 75079 | 83.4 | 7.084 | 900 | | | 88.3 | 83.2 | 65.9 | 5.7 | 90 |
| Wet Bulb | 4805713 | 65645 | 72.9 | 4.430 | 900 | | | 81.1 | 59.0 | .4 | | 90 |
| Dew Point | 4160532 | 60958 | 67.7 | 5.946 | 900 | | | 61.8 | 14.7 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | SEP MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | .1 | | .1 | | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | .3 | | .3 | .1 | | | | | | | 7 | 7 | | |
| 88/ 87 | | | | | | .8 | .6 | .3 | .4 | .1 | | | | | | | | 20 | 20 | | |
| 86/ 85 | | | | .3 | .9 | 1.6 | .4 | .6 | .4 | | | | | | | | | 38 | 38 | | |
| 84/ 83 | | | .2 | 1.2 | 3.0 | 2.9 | 1.6 | .7 | .1 | | | | | | | | | 87 | 87 | | |
| 82/ 81 | | .1 | .4 | 3.2 | 3.8 | 2.3 | 1.4 | | | | | | | | | | | 102 | 102 | | |
| 80/ 79 | | 1.1 | 3.2 | 3.2 | 3.4 | 1.8 | .3 | .1 | .1 | | | | | | | | | 120 | 120 | 7 | |
| 78/ 77 | .2 | 3.1 | 4.3 | 3.9 | 2.7 | .3 | .2 | .4 | | | | | | | | | | 137 | 137 | 62 | 18 |
| 76/ 75 | .6 | 3.6 | 4.4 | 2.6 | .8 | .9 | .4 | | | | | | | | | | | 119 | 119 | 152 | 58 |
| 74/ 73 | .4 | 3.2 | 3.6 | 1.0 | .4 | 1.1 | .1 | | | | | | | | | | | 89 | 89 | 210 | 121 |
| 72/ 71 | .6 | 3.2 | 2.3 | .7 | .9 | .3 | .1 | .1 | | | | | | | | | | 74 | 74 | 172 | 169 |
| 70/ 69 | | .7 | 1.1 | .6 | .9 | .2 | .2 | | | | | | | | | | | 33 | 33 | 113 | 167 |
| 68/ 67 | .7 | .7 | .4 | .4 | .7 | .6 | | | | | | | | | | | | 31 | 31 | 47 | 115 |
| 66/ 65 | .2 | .4 | .4 | .2 | .3 | .1 | | | | | | | | | | | | 16 | 1 | 42 | 73 |
| 64/ 63 | .2 | .1 | | .3 | .2 | | | | | | | | | | | | | 8 | 8 | 38 | 51 |
| 62/ 61 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 17 | 17 |
| 60/ 59 | | .6 | .2 | | | | | | | | | | | | | | | 7 | 7 | 17 | 34 |
| 58/ 57 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 11 | 30 |
| 56/ 55 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.9 | 17.3 | 21.2 | 17.8 | 18.0 | 12.9 | 5.4 | 2.7 | 1.1 | .6 | .1 | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 5299848 | 67968 | 75.5 | 13.626 | 900 | | | | | | | |
| Dry Bulb | 5365156 | 69294 | 77.0 | 5.775 | 900 | | | 85.9 | 72.1 | 32.2 | | 90 |
| Wet Bulb | 4588605 | 64121 | 71.2 | 4.748 | 900 | | | 76.3 | 43.1 | | | 90 |
| Dew Point | 4223740 | 61440 | 68.3 | 5.722 | 900 | | | 64.8 | 19.7 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | SEP MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | .1 | .1 | | .2 | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | .1 | .7 | .2 | .2 | .3 | .1 | | | | | | | | | | 15 | 15 | | |
| 80/ 79 | | .9 | 2.8 | 2.0 | .8 | 1.2 | | | | | | | | | | | | 69 | 69 | 2 | |
| 78/ 77 | .9 | 4.7 | 5.6 | 4.7 | 2.3 | .4 | .2 | | | | | | | | | | | 169 | 169 | 28 | 18 |
| 76/ 75 | 1.0 | 5.7 | 7.6 | 4.4 | .9 | .1 | | | | | | | | | | | | 177 | 177 | 102 | 50 |
| 74/ 73 | 1.2 | 8.7 | 5.2 | 3.4 | .6 | .2 | | | | | | | | | | | | 174 | 174 | 154 | 127 |
| 72/ 71 | .6 | 5.3 | 3.4 | .8 | 1.0 | | .1 | | | | | | | | | | | 101 | 101 | 220 | 161 |
| 70/ 69 | .4 | 3.4 | 1.4 | .8 | .6 | .2 | | | | | | | | | | | | 62 | 62 | 146 | 165 |
| 68/ 67 | .8 | 1.3 | 1.4 | 1.1 | .3 | | | | | | | | | | | | | 45 | 45 | 85 | 118 |
| 66/ 65 | .3 | .7 | .8 | .7 | .3 | | | | | | | | | | | | | 25 | 25 | 44 | 80 |
| 64/ 63 | | 1.0 | .7 | .7 | .1 | .1 | | | | | | | | | | | | 23 | 23 | 31 | 52 |
| 62/ 61 | | .2 | .3 | .7 | .1 | | | | | | | | | | | | | 12 | 12 | 27 | 19 |
| 60/ 59 | | .6 | .4 | .2 | | | | | | | | | | | | | | 11 | 11 | 21 | 35 |
| 58/ 57 | | .2 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 17 | 22 |
| 56/ 55 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 11 | 12 |
| 54/ 53 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 21 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 10 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.2 | 33.4 | 30.0 | 20.4 | 7.3 | 2.6 | .9 | .1 | | | | | | | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6404195 | 75345 | 83.7 | 10.364 | 900 | | | | | | | |
| Dry Bulb | 4873253 | 66077 | 73.4 | 4.942 | 900 | | | 81.6 | 60.8 | 4.3 | | 90 |
| Wet Bulb | 4427200 | 62962 | 70.0 | 5.005 | 900 | | | 73.7 | 28.6 | | | 90 |
| Dew Point | 4202573 | 61277 | 68.1 | 5.824 | 900 | | | 63.9 | 19.5 | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) SEP (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | .0 | .0 | .0 | | | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | .0 | .0 | .0 | .0 | .1 | | | | 12 | 12 | | |
| 96/ 95 | | | | | | | | | | .1 | .1 | .2 | .0 | .0 | | | | 31 | 31 | | |
| 94/ 93 | | | | | | | .0 | .1 | .3 | .3 | .3 | .2 | .1 | .0 | | | | 92 | 92 | | |
| 92/ 91 | | | | | | | .1 | .8 | .9 | .6 | .2 | .0 | | | | | | 187 | 187 | | |
| 90/ 89 | | | | | .0 | .1 | 1.0 | 1.9 | .7 | .4 | .0 | | | | | | | 304 | 304 | | |
| 88/ 87 | | | | .0 | .2 | 1.3 | 1.8 | 1.0 | .5 | .2 | .0 | | | | | | | 359 | 359 | | |
| 86/ 85 | | | | .3 | .9 | 1.6 | 1.2 | .7 | .2 | .2 | .1 | | | | | | | 372 | 372 | | |
| 84/ 83 | | | .3 | .8 | 1.5 | 1.4 | .8 | .3 | .3 | .2 | | | | | | | | 397 | 397 | | |
| 82/ 81 | | .1 | .7 | 1.4 | 1.4 | .9 | .5 | .2 | .2 | .0 | .0 | | | | | | | 394 | 394 | 10 | |
| 80/ 79 | .1 | .7 | 1.5 | 1.8 | 1.1 | .8 | .1 | .2 | .1 | .0 | .0 | | | | | | | 465 | 465 | 151 | 20 |
| 78/ 77 | .3 | 2.6 | 2.4 | 1.8 | 1.1 | .2 | .3 | .3 | .2 | .0 | | | | | | | | 656 | 656 | 639 | 134 |
| 76/ 75 | .8 | 3.6 | 3.8 | 1.6 | .5 | .4 | .1 | .1 | .1 | | | | | | | | | 791 | 791 | 1087 | 457 |
| 74/ 73 | 1.4 | 5.1 | 4.7 | 1.3 | .4 | .3 | .1 | .1 | | | | | | | | | | 960 | 960 | 1318 | 873 |
| 72/ 71 | 1.3 | 5.6 | 3.3 | .6 | .4 | .1 | .1 | .0 | | | | | | | | | | 823 | 823 | 1222 | 1302 |
| 70/ 69 | 1.0 | 3.2 | 2.0 | .5 | .4 | .1 | .1 | | | | | | | | | | | 524 | 524 | 1022 | 1362 |
| 68/ 67 | .5 | 1.5 | 1.2 | .5 | .2 | .1 | | | | | | | | | | | | 289 | 290 | 540 | 962 |
| 66/ 65 | .2 | .8 | .6 | .3 | .2 | .0 | | | | | | | | | | | | 151 | 151 | 388 | 616 |
| 64/ 63 | .1 | .8 | .4 | .3 | .3 | .0 | | | | | | | | | | | | 142 | 142 | 255 | 375 |
| 62/ 61 | | .4 | .3 | .3 | .1 | | | | | | | | | | | | | 79 | 79 | 187 | 238 |
| 60/ 59 | | .5 | .3 | .2 | | | | | | | | | | | | | | 64 | 64 | 115 | 231 |
| 58/ 57 | | .3 | .2 | .1 | .0 | | | | | | | | | | | | | 41 | 41 | 111 | 192 |
| 56/ 55 | | .2 | .1 | .1 | | | | | | | | | | | | | | 26 | 26 | 74 | 138 |
| 54/ 53 | | .2 | | .1 | | | | | | | | | | | | | | 18 | 18 | 35 | 95 |
| 52/ 51 | | .1 | .0 | | | | | | | | | | | | | | | 11 | 11 | 22 | 87 |
| 50/ 49 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 16 | 69 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 30 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 5.8 | 25.7 | 21.6 | 12.0 | 8.7 | 7.3 | 6.2 | 5.7 | 3.5 | 2.0 | .8 | .4 | .1 | .2 | | | | | 7199 | | 7198 |
| | | | | | | | | | | | | | | | | | | 7198 | | 7198 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 44355765 | 551693 | 76.8 | 16.964 | 7198 | | | | | | | |
| Dry Bulb | 42783589 | 552059 | 76.7 | 7.900 | 7199 | | | 666.1 | 502.4 | 239.6 | 13.8 | 720 |
| Wet Bulb | 36423651 | 510611 | 70.9 | 5.298 | 7198 | | | 599.1 | 320.6 | 3.7 | | 7 |
| Dew Point | 33572329 | 489725 | 68.0 | 5.932 | 7198 | | | 511.1 | 148.4 | .5 | | 72 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL We. 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 | | | | |
| 78/ 77 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| 74/ 73 | .5 | .1 | | | .1 | | | | | | | | | | | | | 7 | 7 | 5 | 5 |
| 72/ 71 | 1.1 | 1.1 | 1.5 | .8 | | | .1 | | | | | | | | | | | 42 | 42 | 16 | 16 |
| 70/ 69 | .3 | 2.5 | 3.8 | .4 | .3 | .2 | | | | | | | | | | | | 70 | 70 | 14 | 7 |
| 68/ 67 | | 5.4 | 2.3 | 1.2 | .1 | .1 | | | | | | | | | | | | 84 | 84 | 61 | 29 |
| 66/ 65 | .1 | 3.7 | 2.4 | 1.0 | .1 | .1 | | | | | | | | | | | | 68 | 68 | 77 | 71 |
| 64/ 63 | .4 | 4.9 | 3.1 | 1.2 | .5 | .2 | | | | | | | | | | | | 97 | 97 | 71 | 67 |
| 62/ 61 | .2 | 4.8 | 2.8 | 1.1 | .2 | | | | | | | | | | | | | 85 | 85 | 82 | 69 |
| 60/ 59 | .4 | 4.6 | 3.1 | 1.8 | .3 | | | | | | | | | | | | | 96 | 96 | 102 | 71 |
| 58/ 57 | .1 | 4.0 | 2.7 | 1.5 | .3 | .1 | .1 | | | | | | | | | | | 82 | 82 | 86 | 85 |
| 56/ 55 | | 2.0 | 1.4 | 1.5 | 1.3 | .6 | | | | | | | | | | | | 64 | 64 | 74 | 75 |
| 54/ 53 | | 1.7 | 2.3 | 1.0 | .8 | .1 | | | | | | | | | | | | 54 | 54 | 48 | 67 |
| 52/ 51 | .5 | 1.5 | 2.4 | 1.1 | 1.1 | | | | | | | | | | | | | 61 | 61 | 51 | 50 |
| 50/ 49 | | 2.2 | 2.4 | 1.0 | .1 | | | | | | | | | | | | | 52 | 52 | 57 | 37 |
| 48/ 47 | | 1.3 | 1.5 | | | | | | | | | | | | | | | 26 | 26 | 75 | 71 |
| 46/ 45 | | .9 | 1.2 | | | | | | | | | | | | | | | 19 | 19 | 45 | 43 |
| 44/ 43 | | .5 | .8 | | | | | | | | | | | | | | | 12 | 12 | 33 | 31 |
| 42/ 41 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 18 | 39 |
| 40/ 39 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 7 | 39 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| OTAL | 0.0 | 41.6 | 34.0 | 13.4 | 5.3 | 1.5 | .2 | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6361967 | 76197 | 81.9 | 11.317 | 930 | | | | | | | |
| Dry Bulb | 3385127 | 55687 | 59.9 | 7.386 | 930 | | | 20.6 | 1.0 | | | 93 |
| Wet Bulb | 3057443 | 52813 | 56.8 | 7.921 | 930 | | | 9.9 | .8 | | | 93 |
| Dew Point | 2813552 | 50414 | 54.2 | 9.319 | 930 | | .5 | 6.0 | .8 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| 74/ 73 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 3 | 3 |
| 72/ 71 | .9 | .4 | .8 | .1 | | | | | | | | | | | | | | 20 | 20 | 12 | 11 |
| 70/ 69 | .8 | 3.3 | 2.2 | .1 | | .1 | | | | | | | | | | | | 60 | 60 | 18 | 13 |
| 68/ 67 | .4 | 2.6 | 1.3 | .1 | .1 | .1 | .1 | | | | | | | | | | | 44 | 44 | 43 | 25 |
| 66/ 65 | .5 | 5.1 | 2.8 | .1 | .1 | | | | | | | | | | | | | 80 | 80 | 66 | 51 |
| 64/ 63 | .8 | 4.7 | 2.5 | .8 | .2 | | | | | | | | | | | | | 83 | 83 | 61 | 66 |
| 62/ 61 | | 6.7 | 1.3 | 1.0 | .1 | | | | | | | | | | | | | 84 | 84 | 75 | 61 |
| 60/ 59 | .9 | 6.3 | 2.8 | .3 | .1 | | | | | | | | | | | | | 97 | 97 | 92 | 88 |
| 58/ 57 | .5 | 4.6 | 2.5 | .3 | .2 | | | | | | | | | | | | | 76 | 76 | 92 | 66 |
| 56/ 55 | | 6.0 | 1.4 | .4 | .3 | .1 | | | | | | | | | | | | 77 | 77 | 66 | 76 |
| 54/ 53 | | 1.8 | 2.7 | .3 | .9 | | | | | | | | | | | | | 53 | 53 | 78 | 64 |
| 52/ 51 | | 1.9 | 1.9 | 1.4 | .5 | | | | | | | | | | | | | 54 | 54 | 39 | 72 |
| 50/ 49 | .3 | 1.6 | 2.3 | 1.2 | .5 | | | | | | | | | | | | | 55 | 55 | 50 | 41 |
| 48/ 47 | | 3.9 | 2.4 | .5 | .1 | | | | | | | | | | | | | 64 | 64 | 47 | 39 |
| 46/ 45 | | 1.8 | 1.1 | .2 | | | | | | | | | | | | | | 29 | 29 | 78 | 49 |
| 44/ 43 | | 1.2 | .5 | | | | | | | | | | | | | | | 16 | 16 | 48 | 42 |
| 42/ 41 | | .8 | .6 | | | | | | | | | | | | | | | 13 | 13 | 27 | 46 |
| 40/ 39 | .3 | .6 | .3 | | | | | | | | | | | | | | | 12 | 12 | 19 | 50 |
| 38/ 37 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 8 | 22 |
| 36/ 35 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 3 | 24 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 54.1 | 29.6 | 6.9 | 3.2 | .3 | .1 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6789184 | 78908 | 84.8 | 10.062 | 930 | | | | | | | |
| Dry Bulb | 3176045 | 53245 | 57.9 | 7.938 | 930 | | | 13.2 | .8 | | | 93 |
| Wet Bulb | 2921604 | 51540 | 55.4 | 8.383 | 930 | | | 7.9 | .6 | | | 93 |
| Dew Point | 2725983 | 49567 | 53.3 | 9.518 | 930 | | .6 | 5.5 | .6 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| 78/ 77 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 3 |
| 76/ 75 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 1 | 1 |
| 74/ 73 | .2 | .3 | .4 | 1.1 | .2 | .1 | | | | | | | | | | | | 22 | 22 | 4 | 3 |
| 72/ 71 | 1.0 | 1.0 | 1.8 | .3 | | .1 | | | | | | | | | | | | 39 | 39 | 15 | 11 |
| 70/ 69 | .3 | 3.1 | 1.9 | .3 | .4 | .1 | | | | | | | | | | | | 58 | 58 | 29 | 16 |
| 68/ 67 | .4 | 3.3 | 2.5 | 1.2 | .3 | .2 | | | | | | | | | | | | 74 | 74 | 66 | 48 |
| 66/ 65 | .6 | 4.5 | 1.5 | 1.3 | .3 | .2 | .1 | | | | | | | | | | | 80 | 80 | 62 | 54 |
| 64/ 63 | 1.0 | 3.8 | 2.3 | 1.2 | .2 | .3 | .1 | | | | | | | | | | | 82 | 82 | 76 | 74 |
| 62/ 61 | .2 | 5.2 | 2.4 | 1.2 | .3 | .3 | | | | | | | | | | | | 89 | 89 | 71 | 54 |
| 60/ 59 | .6 | 5.3 | 2.7 | .9 | .2 | .1 | | | | | | | | | | | | 91 | 91 | 87 | 73 |
| 58/ 57 | | 4.4 | 2.4 | .6 | 1.1 | | .1 | | | | | | | | | | | 80 | 80 | 91 | 75 |
| 56/ 55 | .3 | 3.1 | 2.0 | 1.2 | .4 | .5 | | | | | | | | | | | | 71 | 71 | 74 | 79 |
| 54/ 53 | | 1.5 | 1.9 | 1.2 | 1.0 | | | | | | | | | | | | | 52 | 52 | 66 | 70 |
| 52/ 51 | | 1.9 | 1.1 | 1.6 | .1 | | | | | | | | | | | | | 44 | 44 | 38 | 56 |
| 50/ 49 | .2 | 1.7 | 1.5 | 1.7 | .1 | | | | | | | | | | | | | 49 | 49 | 62 | 43 |
| 48/ 47 | | 1.4 | 1.4 | .9 | | | | | | | | | | | | | | 34 | 34 | 45 | 37 |
| 46/ 45 | | 1.7 | .9 | .1 | | | | | | | | | | | | | | 25 | 25 | 53 | 41 |
| 44/ 43 | | 1.0 | .4 | .1 | | | | | | | | | | | | | | 14 | 14 | 36 | 43 |
| 42/ 41 | | .3 | .4 | | .1 | | | | | | | | | | | | | 8 | 8 | 27 | 46 |
| 40/ 39 | .2 | .5 | | | | | | | | | | | | | | | | 7 | 7 | 13 | 31 |
| 38/ 37 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 42 |
| 36/ 35 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 20 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.3 | 44.7 | 28.0 | 14.8 | 4.8 | 2.0 | .3 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≥67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6418768 | 76478 | 82.2 | 11.813 | 930 | | | | | | | |
| Dry Bulb | 3366219 | 55459 | 59.6 | 7.970 | 930 | | | 20.0 | 2.9 | .1 | | 93 |
| Wet Bulb | 3041666 | 52618 | 56.6 | 8.340 | 930 | | .1 | 11.8 | .8 | | | 93 |
| Dew Point | 2803574 | 50262 | 54.0 | 9.686 | 930 | | .5 | 8.2 | .7 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | .1 | .1 | | .3 | .2 | | .2 | .1 | | | | | | | 10 | 10 | | |
| 84/ 83 | | | .1 | | .1 | .4 | .9 | .3 | .6 | .1 | | | | | | | | 24 | 24 | | |
| 82/ 81 | | | | .1 | .3 | 1.3 | 1.1 | .9 | .6 | .2 | | | | | | | | 42 | 42 | | |
| 80/ 79 | | | .3 | .8 | 1.4 | 2.2 | .8 | 1.3 | .6 | .3 | | .1 | | | | | | 72 | 72 | 4 | |
| 78/ 77 | | .1 | .8 | .9 | 3.3 | 1.8 | 1.1 | 1.5 | .9 | .4 | .2 | | | | | | | 102 | 102 | 2 | 2 |
| 76/ 75 | | .2 | .9 | 1.2 | 2.2 | 1.0 | .6 | .8 | 1.0 | .1 | | | | | | | | 73 | 73 | 8 | 3 |
| 74/ 73 | .2 | .2 | 1.4 | 1.5 | 1.2 | 1.8 | 1.2 | .6 | .5 | .6 | | | | | | | | 87 | 87 | 34 | 14 |
| 72/ 71 | .1 | 1.1 | 2.0 | .9 | 1.4 | 1.4 | 1.5 | .9 | .4 | .2 | | | | | | | | 92 | 92 | 73 | 16 |
| 70/ 69 | | 1.1 | .5 | 1.3 | .8 | 1.3 | 1.0 | 1.0 | .9 | .1 | | | | | | | | 73 | 73 | 97 | 42 |
| 68/ 67 | .2 | .8 | 1.6 | .8 | 1.0 | 1.4 | 1.5 | 1.1 | .2 | .1 | | | | | | | | 80 | 80 | 96 | 69 |
| 66/ 65 | .3 | .9 | .9 | 1.7 | .9 | .8 | 1.4 | .9 | .5 | .1 | | | | | | | | 77 | 77 | 77 | 72 |
| 64/ 63 | | .6 | .5 | 1.0 | 1.1 | 1.5 | .5 | .3 | .1 | | | | | | | | | 53 | 53 | 87 | 72 |
| 62/ 61 | .2 | 1.1 | 1.0 | .5 | 1.0 | .9 | .8 | .4 | | | | | | | | | | 54 | 54 | 83 | 66 |
| 60/ 59 | | .5 | .9 | .5 | 1.0 | 1.3 | .3 | | | | | | | | | | | 42 | 42 | 79 | 74 |
| 58/ 57 | | .2 | | .2 | .5 | .3 | .5 | | | | | | | | | | | 17 | 17 | 67 | 56 |
| 56/ 55 | | .1 | | .3 | .2 | .4 | | | | | | | | | | | | 10 | 10 | 62 | 64 |
| 54/ 53 | | .1 | | .1 | .3 | .4 | | | | | | | | | | | | 9 | 9 | 58 | 57 |
| 52/ 51 | | | | .3 | .2 | .1 | | | | | | | | | | | | 6 | 6 | 37 | 43 |
| 50/ 49 | | | .1 | .1 | .2 | | | | | | | | | | | | | 4 | 4 | 28 | 41 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 16 | 35 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 14 | 39 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 49 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 32 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 24 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 23 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 12 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 11 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 12 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.1 | 7.0 | 11.0 | 12.3 | 17.1 | 18.6 | 13.4 | 10.1 | 6.5 | 2.6 | .3 | .1 | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 3727394 | 56744 | 61.0 | 16.894 | 930 | | | | | | | |
| Dry Bulb | 4718019 | 65873 | 70.8 | 7.493 | 930 | | | 65.8 | 41.3 | 12.5 | | 93 |
| Wet Bulb | 3646879 | 57831 | 62.2 | 7.389 | 930 | | | 31.4 | 4.8 | | | 93 |
| Dew Point | 2993251 | 51891 | 55.8 | 10.266 | 930 | | 1.4 | 14.6 | 1.9 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) 74 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | OCT MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | | | | | .1 | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | .2 | .2 | | | .1 | | .1 | .1 | | | | | 7 | 7 | | |
| 88/ 87 | | | | | | | | .2 | .9 | | .6 | | | | | | | 16 | 16 | | |
| 86/ 85 | | | | | | .1 | .6 | 2.7 | .9 | 1.3 | .4 | | | | | | | 56 | 56 | | |
| 84/ 83 | | | .1 | .2 | .5 | .6 | 2.6 | 1.6 | 2.7 | 1.9 | .4 | .6 | .1 | | | | | 107 | 107 | | |
| 82/ 81 | | | .1 | .3 | 1.0 | 1.3 | 1.8 | 4.1 | 2.3 | 1.1 | 1.5 | .5 | .1 | | | | | 131 | 131 | | |
| 80/ 79 | | | | .4 | .5 | 2.0 | 2.3 | 1.7 | 1.2 | 1.8 | 1.4 | .2 | | | | | | 108 | 108 | 4 | |
| 78/ 77 | | .1 | .1 | .2 | .6 | .4 | 1.3 | 1.2 | .6 | .8 | .9 | | | | | | | 58 | 58 | 5 | 1 |
| 76/ 75 | | | .2 | .3 | .8 | 1.4 | 1.2 | 1.3 | 1.2 | 1.6 | .9 | | | | | | | 82 | 82 | 12 | 7 |
| 74/ 73 | .3 | .4 | .3 | .4 | .4 | .4 | 1.2 | 1.3 | 1.4 | 1.5 | .9 | | | | | | | 80 | 80 | 45 | 9 |
| 72/ 71 | | .6 | .4 | .3 | .4 | .5 | .8 | 2.2 | 2.4 | .5 | .1 | | | | | | | 77 | 77 | 82 | 16 |
| 70/ 69 | .2 | .4 | .6 | .6 | .5 | .5 | .4 | 1.6 | .6 | .8 | .3 | | | | | | | 63 | 63 | 92 | 30 |
| 68/ 67 | .3 | .4 | .2 | .4 | .1 | .5 | .8 | .9 | .1 | .6 | | | | | | | | 41 | 41 | 129 | 43 |
| 66/ 65 | | .8 | .3 | .4 | .3 | .3 | .3 | .8 | .3 | .1 | | | | | | | | 34 | 34 | 87 | 62 |
| 64/ 63 | | .9 | .4 | .1 | .4 | .1 | 1.2 | .1 | .1 | | | | | | | | | 31 | 31 | 79 | 68 |
| 62/ 61 | .3 | .5 | .5 | .2 | .4 | | .2 | .2 | | | | | | | | | | 23 | 23 | 89 | 72 |
| 60/ 59 | | | .2 | | .1 | .2 | .1 | .2 | | | | | | | | | | 8 | 8 | 80 | 87 |
| 58/ 57 | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | 94 | 58 |
| 56/ 55 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | 48 | 69 |
| 54/ 53 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | 34 | 56 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 25 | 34 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 15 | 35 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 4 | 48 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 4 | 59 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 42 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 35 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 14 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 12 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 7 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.2 | 4.2 | 3.7 | 4.1 | 6.5 | 9.2 | 15.1 | 20.0 | 14.6 | 12.2 | 7.4 | 1.5 | .4 | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 2592487 | 46379 | 49.9 | 17.348 | 930 | | | | | | | |
| Dry Bulb | 5436944 | 70808 | 76.1 | 7.021 | 930 | | | 82.7 | 64.6 | 37.6 | | 93 |
| Wet Bulb | 3810584 | 59214 | 63.7 | 6.592 | 930 | | | 36.9 | 6.6 | | | 93 |
| Dew Point | 2881502 | 50886 | 54.7 | 10.230 | 930 | | 1.6 | 10.6 | 1.7 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | OCT MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 90/ 89 | | | | | | | | | | | | .1 | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .1 | | .1 | .4 | .3 | .4 | | | | | | | 13 | 13 | | |
| 86/ 85 | | | | .1 | .2 | .1 | .2 | 1.4 | .9 | 1.0 | .2 | | | | | | | 38 | 38 | | |
| 84/ 83 | | | | .2 | | .3 | 1.4 | 1.9 | 2.3 | 1.5 | .6 | .3 | .2 | | | | | 82 | 82 | | |
| 82/ 81 | | | | .2 | .2 | .9 | 1.8 | 2.3 | 2.0 | 1.4 | 1.0 | .5 | .1 | | | | | 97 | 97 | | |
| 80/ 79 | | | .2 | .3 | 1.0 | 1.9 | 1.9 | 2.5 | 1.3 | 1.0 | 1.3 | .2 | | | | | | 108 | 108 | 3 | |
| 78/ 77 | | .5 | .3 | .2 | .6 | 1.0 | 1.9 | 1.6 | 1.2 | .8 | .4 | .5 | | | | | | 85 | 85 | 3 | 2 |
| 76/ 75 | | .1 | .4 | .5 | .2 | 1.6 | 1.0 | 1.5 | 1.0 | 1.0 | .5 | | | | | | | 73 | 73 | 12 | 8 |
| 74/ 73 | .3 | .2 | 1.4 | .9 | .8 | .9 | 1.1 | 1.3 | 2.3 | 2.0 | .4 | | | | | | | 107 | 107 | 28 | 9 |
| 72/ 71 | .3 | .6 | 1.0 | .5 | .8 | 1.0 | .3 | 1.5 | 1.1 | .4 | .4 | | | | | | | 74 | 74 | 71 | 12 |
| 70/ 69 | | | .8 | .8 | .6 | .6 | 1.7 | 1.3 | 1.0 | .8 | .1 | | | | | | | 71 | 71 | 91 | 27 |
| 68/ 67 | .3 | .2 | 1.5 | .6 | .8 | .2 | 1.2 | .6 | 1.0 | .2 | .1 | | | | | | | 63 | 63 | 115 | 40 |
| 66/ 65 | | 1.0 | .2 | 1.1 | .4 | .3 | 1.3 | .8 | .3 | .1 | | | | | | | | 51 | 51 | 106 | 45 |
| 64/ 63 | | .3 | .1 | .1 | .1 | .4 | .8 | .1 | | | | | | | | | | 18 | 18 | 96 | 69 |
| 62/ 61 | | .5 | .1 | | .4 | .1 | .5 | .2 | | | | | | | | | | 18 | 18 | 80 | 85 |
| 60/ 59 | .3 | .3 | .3 | .1 | .3 | .3 | .1 | .2 | | | | | | | | | | 19 | 19 | 78 | 77 |
| 58/ 57 | | .1 | | | | .3 | .1 | | | | | | | | | | | 5 | 5 | 90 | 70 |
| 56/ 55 | | .1 | | | .1 | .2 | | | | | | | | | | | | 4 | 4 | 51 | 76 |
| 54/ 53 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | 46 | 51 |
| 52/ 51 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 32 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 15 | 30 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 7 | 58 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 3 | 56 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 43 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 31 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 25 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 17 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 14 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 10 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 4.1 | 6.3 | 5.7 | 6.7 | 10.5 | 15.4 | 17.3 | 14.6 | 10.4 | 5.6 | 1.7 | .3 | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 2769918 | 47898 | 51.5 | 18.060 | 930 | | | | | | | |
| Dry Bulb | 5259704 | 69638 | 74.9 | 6.978 | 930 | | | 81.2 | 60.4 | 28.7 | | 93 |
| Wet Bulb | 3736924 | 58640 | 63.1 | 6.517 | 930 | | | 32.3 | 4.6 | .1 | | 93 |
| Dew Point | 2846859 | 50587 | 54.4 | 10.134 | 930 | | 1.3 | 9.8 | 1.9 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | | | .1 | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .1 | | | | | .1 | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | .1 | .1 | .3 | .1 | .6 | | .2 | .1 | | | | | | | | | 15 | 15 | | |
| 78/ 77 | | .2 | | .8 | 1.5 | 1.1 | .3 | .4 | | | | | | | | | | 40 | 40 | 3 | 1 |
| 76/ 75 | | .2 | .6 | 1.4 | 2.3 | 1.9 | 1.0 | .4 | | | | | | | | | | 73 | 73 | 4 | 4 |
| 74/ 73 | .1 | .3 | 2.3 | 1.7 | 1.5 | 1.4 | 1.2 | .2 | | | | | | | | | | 81 | 81 | 8 | 5 |
| 72/ 71 | .6 | 1.9 | 1.6 | 1.7 | 2.9 | 1.4 | .9 | .6 | .2 | | | | | | | | | 111 | 111 | 17 | 9 |
| 70/ 69 | .2 | 1.6 | 2.6 | 2.5 | 2.6 | 1.9 | .8 | .4 | .2 | .1 | | | | | | | | 120 | 120 | 81 | 34 |
| 68/ 67 | .2 | .1 | 1.4 | 1.6 | 2.3 | 1.3 | 1.5 | .4 | .3 | | | | | | | | | 85 | 85 | 82 | 53 |
| 66/ 65 | .2 | 1.1 | 1.7 | 1.6 | 1.0 | 1.6 | .9 | .6 | | | | | | | | | | 81 | 81 | 91 | 45 |
| 64/ 63 | | 1.6 | 1.0 | 1.6 | 2.0 | 2.5 | .9 | .5 | | | | | | | | | | 94 | 94 | 99 | 62 |
| 62/ 61 | | .6 | 1.2 | .6 | 1.8 | 1.0 | 1.2 | .1 | .1 | | | | | | | | | 62 | 62 | 97 | 86 |
| 60/ 59 | .3 | 1.1 | .9 | 1.1 | 2.0 | 1.2 | .5 | .2 | | | | | | | | | | 68 | 68 | 72 | 86 |
| 58/ 57 | | .3 | .1 | 1.5 | .9 | 1.1 | | | | | | | | | | | | 36 | 36 | 81 | 65 |
| 56/ 55 | | .3 | .6 | 1.3 | .6 | .4 | | | | | | | | | | | | 31 | 31 | 64 | 88 |
| 54/ 53 | | | .1 | .8 | .5 | .1 | | | | | | | | | | | | 14 | 14 | 65 | 47 |
| 52/ 51 | | | | .3 | .3 | | | | | | | | | | | | | 6 | 6 | 64 | 39 |
| 50/ 49 | | | | .5 | .2 | | | | | | | | | | | | | 7 | 7 | 44 | 40 |
| 48/ 47 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 23 | 72 |
| 46/ 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 13 | 42 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 7 | 37 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 33 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 31 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.7 | 9.6 | 14.3 | 19.7 | 22.6 | 17.5 | 9.0 | 4.4 | 1.0 | .2 | | | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4290531 | 61579 | 66.2 | 15.147 | 930 | | | | | | | |
| Dry Bulb | 4241038 | 62502 | 67.2 | 6.603 | 930 | | | 52.8 | 21.2 | 1.0 | | 93 |
| Wet Bulb | 3429017 | 56087 | 60.3 | 7.074 | 930 | | | 20.5 | 1.5 | | | 93 |
| Dew Point | 2893206 | 51114 | 55.0 | 9.504 | 930 | | .3 | 10.6 | 1.0 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 |
| 76/ 75 | | | | .4 | .2 | .1 | | | | | | | | | | | | 7 | 7 | | |
| 74/ 73 | .3 | .4 | .9 | 1.7 | .4 | .2 | .1 | | | | | | | | | | | 38 | 38 | 5 | 5 |
| 72/ 71 | .4 | 1.8 | 2.5 | 1.6 | .8 | .2 | .1 | | | | | | | | | | | 69 | 69 | 11 | 9 |
| 70/ 69 | .2 | 3.8 | 3.5 | 1.7 | 1.1 | .4 | | .1 | | | | | | | | | | 101 | 101 | 41 | 17 |
| 68/ 67 | .2 | 1.7 | 3.1 | 2.4 | 1.3 | .2 | .1 | .1 | | | | | | | | | | 85 | 85 | 87 | 48 |
| 66/ 65 | .2 | 2.9 | 2.7 | 3.1 | .6 | .3 | .2 | | | | | | | | | | | 94 | 94 | 62 | 57 |
| 64/ 63 | .2 | 3.4 | 3.7 | 3.1 | 1.3 | .2 | .1 | .2 | | | | | | | | | | 114 | 114 | 96 | 62 |
| 62/ 61 | | 2.0 | 2.2 | 2.3 | 1.3 | .1 | .1 | .1 | | | | | | | | | | 75 | 75 | 92 | 93 |
| 60/ 59 | .4 | 1.8 | 2.9 | 1.8 | 1.2 | .9 | .2 | | | | | | | | | | | 86 | 86 | 97 | 68 |
| 58/ 57 | | 1.1 | 1.9 | 2.5 | 1.3 | .8 | | | | | | | | | | | | 70 | 70 | 75 | 77 |
| 56/ 55 | | .6 | 1.6 | 1.5 | 1.7 | .4 | | | | | | | | | | | | 55 | 55 | 67 | 85 |
| 54/ 53 | | .8 | 1.7 | 1.4 | .5 | .1 | | | | | | | | | | | | 45 | 45 | 60 | 59 |
| 52/ 51 | | .6 | 2.3 | 1.0 | .2 | .2 | | | | | | | | | | | | 40 | 40 | 54 | 35 |
| 50/ 49 | | .6 | 1.4 | .6 | .1 | | | | | | | | | | | | | 26 | 26 | 64 | 52 |
| 48/ 47 | | .2 | .3 | .6 | | | | | | | | | | | | | | 11 | 11 | 57 | 65 |
| 46/ 45 | | .1 | .4 | .3 | | | | | | | | | | | | | | 8 | 8 | 31 | 56 |
| 44/ 43 | | | .1 | .2 | | | | | | | | | | | | | | 3 | 3 | 13 | 24 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 8 | 36 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 5 | 29 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 30 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 10 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 8 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.0 | 22.4 | 31.2 | 26.3 | 12.4 | 4.2 | 1.0 | .5 | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 5542921 | 70821 | 76.2 | 12.698 | 930 | | | | | | | |
| Dry Bulb | 3691792 | 58248 | 62.6 | 6.869 | 930 | | | 30.3 | 4.8 | | | 93 |
| Wet Bulb | 3208082 | 54180 | 58.3 | 7.457 | 930 | | | 14.7 | .8 | | | 93 |
| Dew Point | 2865656 | 50914 | 54.7 | 9.181 | 930 | | .2 | 8.2 | .8 | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | .0 | .0 | | | .0 | | .0 | .0 | | | | | 9 | 9 | | |
| 88/ 87 | | | | | | .0 | | .0 | .2 | .0 | .1 | | | | | | | 31 | 31 | | |
| 86/ 85 | | | | .0 | .0 | .0 | .1 | .5 | .2 | .3 | .1 | | | | | | | 104 | 104 | | |
| 84/ 83 | | | .0 | .1 | .1 | .2 | .6 | .5 | .7 | .5 | .1 | .1 | .0 | | | | | 214 | 214 | | |
| 82/ 81 | | | .0 | .1 | .2 | .4 | .6 | .9 | .6 | .3 | .3 | .1 | .0 | | | | | 272 | 272 | | |
| 80/ 79 | | .0 | .1 | .2 | .4 | .8 | .6 | .7 | .4 | .4 | .3 | .1 | | | | | | 305 | 305 | 12 | |
| 78/ 77 | .1 | .2 | .1 | .3 | .3 | .5 | .6 | .6 | .3 | .2 | .2 | .1 | | | | | | 296 | 296 | 24 | 18 |
| 76/ 75 | | .1 | .3 | .5 | .7 | .8 | .5 | .5 | .4 | .3 | .2 | | | | | | | 311 | 311 | 37 | 23 |
| 74/ 73 | .3 | .3 | .8 | .9 | .6 | .6 | .6 | .4 | .5 | .5 | .2 | | | | | | | 427 | 427 | 132 | 53 |
| 72/ 71 | .6 | 1.1 | 1.5 | .3 | .8 | .6 | .5 | .6 | .5 | .1 | .1 | | | | | | | 524 | 524 | 307 | 100 |
| 70/ 69 | .3 | 2.0 | 2.0 | 1.0 | .8 | .7 | .5 | .6 | .3 | .2 | .1 | | | | | | | 616 | 616 | 463 | 186 |
| 68/ 67 | .3 | 1.8 | 1.7 | 1.0 | .7 | .5 | .6 | .4 | .2 | .1 | .0 | | | | | | | 556 | 556 | 679 | 355 |
| 66/ 65 | .3 | 2.5 | 1.6 | 1.3 | .5 | .5 | .5 | .4 | .1 | .0 | | | | | | | | 565 | 565 | 628 | 457 |
| 64/ 63 | .3 | 2.5 | 1.7 | 1.1 | .7 | .7 | .4 | .2 | .0 | | | | | | | | | 572 | 572 | 665 | 540 |
| 62/ 61 | .1 | 2.7 | 1.4 | .9 | .7 | .3 | .3 | .1 | .0 | | | | | | | | | 490 | 490 | 669 | 586 |
| 60/ 59 | .4 | 2.5 | 1.7 | .8 | .7 | .5 | .2 | .1 | | | | | | | | | | 507 | 507 | 687 | 624 |
| 58/ 57 | .1 | 1.8 | 1.2 | .8 | .6 | .3 | .1 | | | | | | | | | | | 369 | 369 | 676 | 552 |
| 56/ 55 | .0 | 1.5 | .9 | .8 | .6 | .4 | | | | | | | | | | | | 313 | 313 | 506 | 612 |
| 54/ 53 | | .7 | 1.1 | .6 | .6 | .1 | | | | | | | | | | | | 232 | 232 | 455 | 471 |
| 52/ 51 | .1 | .8 | 1.0 | .7 | .3 | .0 | | | | | | | | | | | | 212 | 212 | 340 | 367 |
| 50/ 49 | .1 | .8 | 1.0 | .6 | .2 | | | | | | | | | | | | | 193 | 193 | 335 | 319 |
| 48/ 47 | | .8 | .7 | .3 | .0 | | | | | | | | | | | | | 137 | 137 | 274 | 425 |
| 46/ 45 | | .6 | .4 | .1 | | | | | | | | | | | | | | 82 | 82 | 241 | 385 |
| 44/ 43 | | .3 | .2 | .0 | | | | | | | | | | | | | | 45 | 45 | 151 | 312 |
| 42/ 41 | | .2 | .2 | | .0 | | | | | | | | | | | | | 26 | 26 | 88 | 308 |
| 40/ 39 | .1 | .2 | .1 | | | | | | | | | | | | | | | 22 | 22 | 44 | 270 |
| 38/ 37 | | .1 | .0 | | | | | | | | | | | | | | | 6 | 6 | 15 | 207 |
| 36/ 35 | | | .0 | | | | | | | | | | | | | | | 3 | 3 | 8 | 126 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 3 | 80 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) OCT (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.8 | 23.5 | 19.7 | 12.9 | 9.8 | 8.0 | 6.8 | 6.5 | 4.6 | 3.2 | 1.7 | .4 | .1 | | | | | | 7440 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | | 7440 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 38493170 | 515004 | 69.2 | 19.553 | 7440 | | | | | | | |
| Dry Bulb | 33274888 | 492058 | 66.1 | 9.918 | 7440 | | | 366.6 | 197.0 | 79.9 | | 744 |
| Wet Bulb | 26852199 | 442923 | 59.5 | 8.065 | 7440 | | .1 | 165.4 | 20.5 | .1 | | 744 |
| Dew Point | 22823583 | 405633 | 54.5 | 9.757 | 7440 | | 6.4 | 73.5 | 5.4 | | | 744 |

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

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | .1 | 1.1 | .4 | | | | | | | | | | | | | | | 15 | 15 | 3 | 3 |
| 70/ 69 | .1 | .9 | .7 | .1 | .4 | | | | | | | | | | | | | 20 | 20 | 9 | 8 |
| 68/ 67 | .2 | 2.6 | .4 | .1 | .6 | | | | | | | | | | | | | 35 | 35 | 21 | 10 |
| 66/ 65 | 1.7 | 1.6 | .2 | .2 | | | | | | | | | | | | | | 33 | 33 | 39 | 42 |
| 64/ 63 | 1.1 | 3.0 | .2 | | | .2 | | | | | | | | | | | | 41 | 41 | 37 | 37 |
| 62/ 61 | .8 | 4.8 | .6 | .4 | | .2 | | | | | | | | | | | | 61 | 61 | 55 | 29 |
| 60/ 59 | .8 | 2.6 | 1.3 | .2 | .2 | | .1 | | | | | | | | | | | 47 | 47 | 45 | 52 |
| 58/ 57 | .4 | 4.4 | 1.6 | .2 | .2 | | | | | | | | | | | | | 62 | 62 | 39 | 39 |
| 56/ 55 | .1 | 3.0 | 2.0 | 1.0 | .4 | .1 | | | | | | | | | | | | 60 | 60 | 53 | 44 |
| 54/ 53 | .8 | 3.8 | 2.2 | 1.1 | .3 | | | | | | | | | | | | | 74 | 74 | 53 | 54 |
| 52/ 51 | .1 | 2.2 | 1.8 | 1.1 | .1 | | | | | | | | | | | | | 48 | 48 | 55 | 42 |
| 50/ 49 | .1 | 2.7 | 2.1 | 1.3 | .3 | | | | | | | | | | | | | 59 | 59 | 58 | 44 |
| 48/ 47 | | 3.4 | 2.0 | 1.1 | .4 | .1 | | | | | | | | | | | | 64 | 64 | 55 | 38 |
| 46/ 45 | | 3.3 | 1.8 | .8 | .6 | .1 | | | | | | | | | | | | 59 | 59 | 66 | 47 |
| 44/ 43 | | .9 | 2.0 | 1.2 | .1 | | | | | | | | | | | | | 38 | 38 | 52 | 56 |
| 42/ 41 | | .7 | 1.7 | 1.4 | .3 | | | | | | | | | | | | | 37 | 37 | 36 | 46 |
| 40/ 39 | | 1.4 | 2.1 | 1.3 | .1 | | | | | | | | | | | | | 45 | 45 | 44 | 38 |
| 38/ 37 | | 1.3 | 1.6 | .2 | | | | | | | | | | | | | | 28 | 28 | 43 | 32 |
| 36/ 35 | .6 | 2.0 | 1.1 | .2 | | | | | | | | | | | | | | 35 | 35 | 55 | 49 |
| 34/ 33 | .1 | .4 | .6 | | | | | | | | | | | | | | | 10 | 10 | 37 | 38 |
| 32/ 31 | | .4 | 1.0 | | | | | | | | | | | | | | | 13 | 13 | 11 | 35 |
| 30/ 29 | | .1 | .4 | | | | | | | | | | | | | | | 5 | 5 | 12 | 32 |
| 28/ 27 | | .3 | .1 | .2 | | | | | | | | | | | | | | 6 | 6 | 7 | 25 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 8 | 24 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 8 |
| 22/ 21 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.0 | 47.3 | 28.0 | 12.6 | 4.2 | .8 | .1 | | | | | | | | | | | 899 | 899 | | 899 |
| | | | | | | | | | | | | | | | | | | | | 899 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6072724 | 72912 | 81.1 | 13.319 | 899 | | | | | | | |
| Dry Bulb | 2503283 | 46543 | 51.8 | 10.213 | 899 | | 2.8 | 7.0 | | | | 90 |
| Wet Bulb | 2265843 | 44081 | 49.0 | 10.782 | 899 | | 4.4 | 3.3 | | | | 90 |
| Dew Point | 2045782 | 41316 | 46.0 | 12.794 | 899 | | 15.1 | 2.1 | | | | 90 |

USAFETAC FORM AK 64 0-26-5 (01 82) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | .9 | .2 | | | | | | | | | | | | | | | 10 | 10 | | |
| 70/ 69 | .1 | 1.1 | .4 | .3 | | | | | | | | | | | | | | 18 | 18 | 9 | 9 |
| 68/ 67 | .2 | 2.2 | | | | | | | | | | | | | | | | 22 | 22 | 19 | 13 |
| 66/ 65 | 1.0 | 2.9 | .2 | .3 | | | | | | | | | | | | | | 40 | 40 | 35 | 29 |
| 64/ 63 | .9 | 3.0 | .1 | .9 | | | | | | | | | | | | | | 44 | 44 | 43 | 40 |
| 62/ 61 | 1.3 | 3.8 | .2 | | | | | | | | | | | | | | | 48 | 48 | 41 | 38 |
| 60/ 59 | .3 | 2.6 | .6 | .2 | | .1 | | | | | | | | | | | | 34 | 34 | 40 | 39 |
| 58/ 57 | .6 | 3.2 | 1.8 | .3 | | .2 | | | | | | | | | | | | 55 | 55 | 34 | 31 |
| 56/ 55 | .6 | 4.0 | 1.0 | 1.0 | .1 | .1 | | | | | | | | | | | | 61 | 61 | 56 | 42 |
| 54/ 53 | .3 | 2.8 | 1.4 | .2 | | .1 | | | | | | | | | | | | 44 | 44 | 39 | 47 |
| 52/ 51 | .7 | 2.4 | 2.4 | .7 | .2 | | | | | | | | | | | | | 58 | 58 | 43 | 39 |
| 50/ 49 | .6 | 4.9 | 2.3 | .6 | | | | | | | | | | | | | | 75 | 75 | 64 | 44 |
| 48/ 47 | .1 | 3.2 | 1.1 | .8 | .2 | | | | | | | | | | | | | 49 | 49 | 65 | 43 |
| 46/ 45 | | 3.4 | 2.1 | .3 | .3 | | | | | | | | | | | | | 56 | 56 | 53 | 49 |
| 44/ 43 | | 3.2 | 1.6 | .9 | | | | | | | | | | | | | | 51 | 51 | 53 | 52 |
| 42/ 41 | | 1.7 | 2.0 | .8 | | | | | | | | | | | | | | 40 | 40 | 49 | 51 |
| 40/ 39 | | 1.6 | 2.0 | .7 | .1 | | | | | | | | | | | | | 39 | 39 | 40 | 41 |
| 38/ 37 | | 1.9 | 2.3 | .9 | | | | | | | | | | | | | | 46 | 46 | 45 | 35 |
| 36/ 35 | .2 | 2.6 | 1.7 | .1 | | | | | | | | | | | | | | 41 | 41 | 45 | 36 |
| 34/ 33 | .3 | 2.0 | .7 | | | | | | | | | | | | | | | 27 | 27 | 52 | 47 |
| 32/ 31 | | 1.7 | .6 | | | | | | | | | | | | | | | 20 | 20 | 31 | 43 |
| 30/ 29 | | .7 | .2 | | | | | | | | | | | | | | | 8 | 8 | 18 | 42 |
| 28/ 27 | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 11 | 24 |
| 26/ 25 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 30 |
| 24/ 23 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 3 | 11 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | | 7 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 4 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 7.3 | 56.7 | 25.3 | 9.1 | 1.0 | .6 | | | | | | | | | | | | 900 | | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 6375281 | 74997 | 83.3 | 11.828 | 900 | | | | | | | |
| Dry Bulb | 2357904 | 45042 | 50.0 | 10.740 | 900 | | 4.2 | 5.0 | | | | 90 |
| Wet Bulb | 2162030 | 42954 | 47.7 | 11.161 | 900 | | 7.5 | 2.8 | | | | 90 |
| Dew Point | 1975851 | 40559 | 45.1 | 12.848 | 900 | | 17.5 | 2.2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 72/ 71 | | .9 | .4 | | | | | | | | | | | | | | | 12 | 12 | 7 | 2 |
| 70/ 69 | | 1.7 | .2 | .2 | | | | | | | | | | | | | | 19 | 19 | 5 | 10 |
| 68/ 67 | .2 | 1.9 | .3 | .1 | .1 | | | | | | | | | | | | | 24 | 24 | 24 | 16 |
| 66/ 65 | 1.7 | 3.7 | .2 | | .1 | .1 | | | | | | | | | | | | 52 | 52 | 45 | 44 |
| 64/ 63 | .3 | 2.8 | .7 | .3 | | | | | | | | | | | | | | 37 | 37 | 33 | 35 |
| 62/ 61 | 1.4 | 3.2 | .9 | | | | | | | | | | | | | | | 50 | 50 | 48 | 38 |
| 60/ 59 | 1.0 | 2.7 | 1.0 | | .1 | | | | | | | | | | | | | 43 | 43 | 43 | 42 |
| 58/ 57 | .4 | 2.7 | 1.2 | .7 | .6 | | | | | | | | | | | | | 50 | 50 | 39 | 30 |
| 56/ 55 | .6 | 3.3 | 1.3 | .8 | .9 | | .1 | | | | | | | | | | | 63 | 63 | 43 | 45 |
| 54/ 53 | .4 | 2.6 | 1.9 | .6 | .1 | | | | | | | | | | | | | 50 | 50 | 44 | 34 |
| 52/ 51 | .3 | 2.8 | 1.8 | .7 | .2 | .2 | | | | | | | | | | | | 54 | 54 | 39 | 39 |
| 50/ 49 | .2 | 3.3 | 2.2 | 1.0 | .1 | | | | | | | | | | | | | 62 | 62 | 66 | 39 |
| 48/ 47 | .3 | 4.1 | 1.6 | 1.1 | | | | | | | | | | | | | | 64 | 64 | 67 | 51 |
| 46/ 45 | | 2.7 | 2.0 | 1.9 | | | | | | | | | | | | | | 59 | 59 | 50 | 54 |
| 44/ 43 | | 2.9 | 1.8 | .6 | .2 | | | | | | | | | | | | | 49 | 49 | 58 | 47 |
| 42/ 41 | | 2.1 | 1.9 | .3 | | | | | | | | | | | | | | 39 | 39 | 45 | 47 |
| 40/ 39 | | 1.2 | 1.9 | .9 | | | | | | | | | | | | | | 36 | 36 | 55 | 40 |
| 38/ 37 | | 2.1 | 2.2 | .6 | | | | | | | | | | | | | | 44 | 44 | 31 | 39 |
| 36/ 35 | .1 | 1.6 | 1.2 | .4 | | | | | | | | | | | | | | 30 | 30 | 48 | 45 |
| 34/ 33 | .1 | 1.4 | 1.1 | | | | | | | | | | | | | | | 24 | 24 | 42 | 42 |
| 32/ 31 | .2 | .9 | .3 | | | | | | | | | | | | | | | 13 | 13 | 28 | 45 |
| 30/ 29 | | .7 | .4 | | | | | | | | | | | | | | | 10 | 10 | 15 | 37 |
| 28/ 27 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 8 | 17 |
| 26/ 25 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 6 | 27 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 5 | 6 |
| 22/ 21 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | 11 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.4 | 52.2 | 27.3 | 10.1 | 2.4 | .3 | .1 | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 6299846 | 74458 | 82.7 | 12.473 | 900 |
| Dry Bulb | 2429759 | 45753 | 50.8 | 10.747 | 900 |
| Wet Bulb | 2221479 | 43561 | 48.4 | 11.215 | 900 |
| Dew Point | 2023892 | 41054 | 45.6 | 12.968 | 900 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | 3.6 | 5.8 | .3 | | | 90 |
| Wet Bulb | | 6.7 | 3.7 | .1 | | | 90 |
| Dew Point | | 16.1 | 2.8 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | .3 | .2 | .2 | .2 | | .2 | .1 | | | | | | | 12 | 12 | | |
| 78/ 77 | | | | .2 | .3 | .4 | .3 | .1 | .2 | | | | | | | | | 15 | 15 | | |
| 76/ 75 | | | .2 | .9 | .7 | .7 | .1 | .1 | .1 | | .1 | | | | | | | 26 | 26 | | |
| 74/ 73 | | .1 | .8 | 1.1 | .8 | .7 | .8 | .4 | | | | | | | | | | 42 | 42 | 1 | |
| 72/ 71 | | .8 | 1.3 | .7 | .8 | .9 | .4 | | .2 | .2 | | | | | | | | 48 | 48 | 13 | 2 |
| 70/ 69 | | 1.3 | 1.6 | .8 | 1.6 | .7 | 1.1 | .4 | .1 | .2 | | | | | | | | 70 | 70 | 30 | 10 |
| 68/ 67 | .4 | 1.9 | 2.2 | 1.2 | 1.1 | .3 | .4 | .8 | .2 | .1 | | | | | | | | 79 | 79 | 65 | 41 |
| 66/ 65 | | 1.8 | .7 | 1.4 | .9 | 1.0 | .7 | .3 | .3 | | | | | | | | | 64 | 64 | 56 | 35 |
| 64/ 63 | .3 | 1.8 | .6 | 1.1 | .6 | 1.2 | 1.0 | .8 | .4 | .1 | | | | | | | | 71 | 71 | 58 | 55 |
| 62/ 61 | .3 | 1.1 | 1.0 | 1.2 | 1.0 | .7 | .4 | .7 | .1 | | | | | | | | | 59 | 59 | 66 | 50 |
| 60/ 59 | .2 | 2.2 | 1.0 | .9 | .9 | 1.0 | .8 | .9 | .2 | | | | | | | | | 73 | 73 | 61 | 38 |
| 58/ 57 | | 1.0 | 1.0 | .7 | 1.1 | .4 | .8 | .2 | .1 | | | | | | | | | 49 | 49 | 59 | 51 |
| 56/ 55 | | .6 | 1.7 | .8 | .6 | 1.2 | 1.3 | .4 | | | | | | | | | | 59 | 59 | 43 | 60 |
| 54/ 53 | | .2 | .9 | .6 | .8 | 1.1 | .3 | .3 | | | | | | | | | | 38 | 38 | 64 | 34 |
| 52/ 51 | | .6 | 1.1 | .8 | 1.1 | .7 | 1.0 | | | | | | | | | | | 47 | 47 | 50 | 35 |
| 50/ 49 | | .7 | .6 | .9 | 1.4 | .6 | .3 | | | | | | | | | | | 40 | 40 | 51 | 52 |
| 48/ 47 | | .3 | .4 | .7 | 1.0 | .7 | .2 | | | | | | | | | | | 30 | 30 | 51 | 35 |
| 46/ 45 | | .2 | .3 | .7 | 1.0 | .7 | | | | | | | | | | | | 26 | 26 | 51 | 38 |
| 44/ 43 | | .7 | .3 | .2 | .4 | .2 | | | | | | | | | | | | 17 | 17 | 45 | 37 |
| 42/ 41 | | | .3 | .2 | .3 | .1 | | | | | | | | | | | | 9 | 9 | 46 | 32 |
| 40/ 39 | | .1 | | .2 | .4 | .1 | | | | | | | | | | | | 8 | 8 | 28 | 33 |
| 38/ 37 | | .1 | | | .2 | | | | | | | | | | | | | 3 | 3 | 25 | 37 |
| 36/ 35 | | .3 | | .1 | .3 | | | | | | | | | | | | | 7 | 7 | 12 | 34 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 12 | 39 |
| 32/ 31 | | | .1 | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 2 | 27 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 27 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 3 | 25 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 14 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.3 | 15.8 | 16.1 | 15.7 | 17.8 | 13.6 | 10.6 | 5.9 | 2.2 | .9 | .2 | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum | 3988746 | 57268 | 63.6 | 19.582 | 900 | | | | | | | |
| Dry Bulb | 3420203 | 54773 | 60.9 | 9.825 | 900 | | .5 | 29.5 | 9.8 | .9 | | 90 |
| Wet Bulb | 2720998 | 48640 | 54.0 | 10.131 | 900 | | 1.3 | 10.9 | .1 | | | 90 |
| Dew Point | 2186898 | 42564 | 47.3 | 13.908 | 900 | | 15.2 | 5.3 | | | | 90 |

USAFETAC FORM 0-25-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03650 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | .3 | .3 | .1 | .6 | | | | | | | | 12 | 12 | | |
| 82/ 81 | | | | | .1 | .3 | .7 | .6 | .4 | | .6 | .2 | | | | | | 26 | 26 | | |
| 80/ 79 | | | | | .4 | .6 | 1.1 | .4 | .4 | .1 | .2 | .4 | | | | | | 34 | 34 | | |
| 78/ 77 | | | | .1 | .7 | .7 | 1.3 | 1.0 | .8 | .3 | | | .2 | | | | | 46 | 46 | | |
| 76/ 75 | | | .3 | 1.0 | .8 | 1.9 | 2.6 | 1.6 | 1.0 | .2 | .2 | .1 | | | | | | 87 | 87 | | |
| 74/ 73 | | | .6 | 1.2 | 1.6 | 1.4 | 1.6 | 1.0 | .8 | .2 | .3 | .3 | | | | | | 81 | 83 | 2 | |
| 72/ 71 | | .8 | .7 | 1.6 | .7 | .9 | .7 | 1.3 | 1.1 | .4 | .6 | .1 | | | | | | 79 | 79 | 24 | |
| 70/ 69 | | .3 | .7 | .4 | .7 | 1.1 | .8 | 1.2 | 1.1 | .7 | .1 | | | | | | | 64 | 64 | 36 | 7 |
| 68/ 67 | .1 | .6 | .9 | 1.2 | 1.1 | .7 | .8 | .8 | 1.1 | .6 | .2 | | | | | | | 72 | 72 | 66 | 31 |
| 66/ 65 | | 1.1 | .3 | .4 | .2 | .4 | 1.6 | .3 | 1.0 | .9 | | | | | | | | 57 | 57 | 78 | 32 |
| 64/ 63 | .1 | .9 | .6 | .6 | .3 | .6 | .4 | .9 | 1.1 | .4 | | | | | | | | 53 | 53 | 78 | 53 |
| 62/ 61 | .1 | .7 | .4 | | .4 | 1.0 | .8 | 1.7 | .8 | .3 | | | | | | | | 56 | 56 | 79 | 46 |
| 60/ 59 | .2 | .7 | .8 | .4 | .2 | .2 | .7 | 1.2 | .7 | .4 | | | | | | | | 50 | 50 | 68 | 59 |
| 58/ 57 | | .3 | .4 | | | .8 | 1.0 | 1.0 | 1.0 | .2 | | | | | | | | 43 | 43 | 57 | 40 |
| 56/ 55 | | .1 | .7 | .2 | .3 | .4 | .4 | .7 | | | | | | | | | | 26 | 26 | 46 | 66 |
| 54/ 53 | | .2 | .3 | .3 | | .7 | 1.2 | .2 | .1 | | | | | | | | | 28 | 28 | 63 | 41 |
| 52/ 51 | | .1 | .6 | .1 | .2 | .4 | .3 | .6 | | | | | | | | | | 21 | 21 | 37 | 42 |
| 50/ 49 | | .3 | .2 | .2 | .2 | .3 | .2 | | | | | | | | | | | 14 | 14 | 43 | 38 |
| 48/ 47 | | | | .7 | .3 | .6 | .1 | | | | | | | | | | | 15 | 15 | 68 | 38 |
| 46/ 45 | | .1 | | | | .4 | .1 | | | | | | | | | | | 6 | 6 | 31 | 40 |
| 44/ 43 | | .6 | | | .1 | .7 | .1 | | | | | | | | | | | 13 | 13 | 38 | 33 |
| 42/ 41 | | | .3 | | .2 | .2 | .1 | | | | | | | | | | | 8 | 8 | 37 | 32 |
| 40/ 39 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 11 | 27 |
| 38/ 37 | | | .1 | | | .1 | | | | | | | | | | | | 2 | 2 | 13 | 18 |
| 36/ 35 | | .1 | | | | .1 | | | | | | | | | | | | 2 | 2 | 6 | 33 |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 12 | 27 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 48 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 27 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 10 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 12 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (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 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | .6 | 6.9 | 7.9 | 8.7 | 8.9 | 14.6 | 16.9 | 14.8 | 11.6 | 5.6 | 2.3 | 1.2 | .2 | | | | | 900 | 900 | | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
| Rel. Hum | 2767614 | 46470 | 51.6 | 20.238 | 900 | | | | | | | |
| Dry Bulb | 4070175 | 59889 | 66.5 | 9.721 | 900 | | | 50.3 | 28.8 | 5.7 | | 90 |
| Wet Bulb | 2922605 | 50563 | 56.2 | 9.546 | 900 | | .7 | 12.8 | .2 | | | 90 |
| Dew Point | 2123177 | 41719 | 46.4 | 14.512 | 900 | | 19.7 | 3.8 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | | .2 | .2 | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | | | | .1 | .1 | .8 | .2 | .1 | .1 | .2 | | | | | | 15 | 15 | | |
| 80/ 79 | | | | .1 | .1 | .6 | .3 | .4 | .4 | .3 | .1 | .3 | .1 | .1 | | | | 27 | 27 | | |
| 78/ 77 | | | | .2 | 1.0 | .6 | .9 | .8 | .3 | .3 | | | | | | | | 37 | 37 | | |
| 76/ 75 | | | | 1.0 | .8 | 1.6 | 1.4 | 1.2 | .6 | .4 | | .1 | | | | | | 64 | 64 | | |
| 74/ 73 | | | .3 | 1.2 | 1.0 | .7 | 2.0 | .8 | .9 | .1 | .2 | .1 | | | | | | 66 | 66 | 1 | |
| 72/ 71 | | .2 | .4 | 1.4 | 1.3 | 1.0 | .7 | .9 | .8 | .3 | .6 | .1 | | | | | | 70 | 70 | 10 | |
| 70/ 69 | | .4 | 1.1 | 1.2 | .9 | 1.4 | 1.0 | .9 | 1.3 | .2 | .3 | | | | | | | 80 | 80 | 34 | 8 |
| 68/ 67 | | .3 | 1.1 | .4 | 1.2 | .6 | 1.0 | .6 | 1.0 | .4 | .1 | | | | | | | 61 | 61 | 48 | 14 |
| 66/ 65 | .2 | 1.6 | .3 | .8 | 1.3 | 1.1 | 1.0 | .7 | .9 | .6 | .1 | | | | | | | 77 | 77 | 68 | 36 |
| 64/ 63 | | 1.3 | .6 | .9 | .4 | .7 | .9 | 1.0 | .6 | .4 | | | | | | | | 61 | 61 | 79 | 39 |
| 62/ 61 | .4 | 1.6 | .4 | .3 | 1.0 | .3 | 1.0 | 1.4 | 1.0 | .1 | | | | | | | | 69 | 69 | 78 | 60 |
| 60/ 59 | .4 | .3 | 1.0 | .9 | .4 | .7 | 1.0 | 1.0 | .4 | .4 | | | | | | | | 60 | 60 | 74 | 51 |
| 58/ 57 | | .4 | 1.2 | .2 | .1 | .4 | 1.2 | 1.1 | .4 | .1 | | | | | | | | 48 | 48 | 66 | 45 |
| 56/ 55 | | .2 | .2 | .2 | .6 | .7 | .9 | .8 | .1 | | | | | | | | | 33 | 33 | 58 | 57 |
| 54/ 53 | | .4 | | | .3 | 1.0 | .6 | .2 | | | | | | | | | | 23 | 23 | 62 | 55 |
| 52/ 51 | | .4 | .4 | | .4 | .8 | .6 | .2 | | | | | | | | | | 26 | 26 | 45 | 48 |
| 50/ 49 | .2 | .1 | .2 | .1 | .3 | 1.0 | .3 | .1 | | | | | | | | | | 22 | 22 | 48 | 48 |
| 48/ 47 | | | .1 | .4 | .7 | .2 | .1 | .1 | | | | | | | | | | 15 | 15 | 49 | 36 |
| 46/ 45 | | .1 | | .2 | .2 | .8 | .1 | | | | | | | | | | | 13 | 13 | 45 | 32 |
| 44/ 43 | | .7 | .1 | | .2 | .4 | | | | | | | | | | | | 13 | 13 | 40 | 27 |
| 42/ 41 | | | .2 | | .6 | .1 | | | | | | | | | | | | 8 | 8 | 35 | 32 |
| 40/ 39 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | 23 | 30 |
| 38/ 37 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 9 | 25 |
| 36/ 35 | | | | .1 | | .1 | | | | | | | | | | | | 2 | 2 | 9 | 31 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 12 | 32 |
| 32/ 31 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 3 | 41 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 25 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 17 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |

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

FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.3 | 8.2 | 7.9 | 10.2 | 13.2 | 14.9 | 15.1 | 13.0 | 9.2 | 4.2 | 1.6 | .9 | .1 | .1 | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F. | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 2996680 | 48530 | 53.9 | 20.555 | 900 | | | | | | | |
| Dry Bulb | 3874559 | 58429 | 64.9 | 9.509 | 900 | | .1 | 42.4 | 21.3 | 3.3 | | 90 |
| Wet Bulb | 2835923 | 49817 | 55.4 | 9.341 | 900 | | .7 | 9.3 | .1 | | | 90 |
| Dew Point | 2089034 | 41464 | 46.1 | 14.100 | 900 | | 19.4 | 2.2 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .1 | .2 | .1 | .1 | | | | | | | | | | | | 5 | 5 | | |
| 74/ 73 | | .1 | .3 | .8 | | .4 | | .1 | .1 | | | | | | | | | 17 | 17 | | |
| 72/ 71 | | .2 | 1.2 | .4 | 1.0 | .2 | .1 | .1 | | | | | | | | | | 30 | 30 | 4 | |
| 70/ 69 | | 1.0 | 1.9 | .7 | 1.2 | .4 | .2 | | .3 | | | | | | | | | 52 | 52 | 12 | 9 |
| 68/ 67 | | 1.1 | 1.7 | .6 | 1.2 | .2 | .2 | .1 | .1 | | | | | | | | | 47 | 47 | 29 | 11 |
| 66/ 65 | .3 | 2.3 | 2.3 | 2.2 | 1.1 | .8 | | .1 | | | | | | | | | | 83 | 83 | 42 | 34 |
| 64/ 63 | .6 | 2.2 | 1.7 | 2.1 | .7 | .7 | .3 | .2 | .1 | | | | | | | | | 77 | 77 | 60 | 40 |
| 62/ 61 | .3 | 1.4 | 2.1 | 1.4 | 1.1 | 1.3 | .3 | .2 | | | | | | | | | | 75 | 75 | 64 | 46 |
| 60/ 59 | .2 | 1.6 | 2.6 | 1.7 | .4 | .8 | .6 | .4 | | | | | | | | | | 74 | 74 | 64 | 47 |
| 58/ 57 | | 1.8 | 1.8 | 1.9 | .9 | .9 | .3 | .1 | | | | | | | | | | 69 | 69 | 79 | 47 |
| 56/ 55 | | .8 | 1.8 | 1.8 | 1.4 | 1.3 | .6 | | | | | | | | | | | 66 | 66 | 67 | 60 |
| 54/ 53 | | 1.0 | 1.0 | 1.9 | .6 | 1.4 | .3 | | | | | | | | | | | 56 | 56 | 52 | 68 |
| 52/ 51 | | 1.1 | .8 | .4 | 1.6 | .9 | .2 | | | | | | | | | | | 45 | 45 | 60 | 35 |
| 50/ 49 | .1 | .2 | .4 | .9 | 1.8 | 1.4 | | | | | | | | | | | | 44 | 44 | 62 | 57 |
| 48/ 47 | .2 | .3 | | 1.6 | 2.0 | .7 | .2 | | | | | | | | | | | 45 | 45 | 45 | 54 |
| 46/ 45 | | .3 | .2 | .8 | 1.4 | .3 | .1 | | | | | | | | | | | 29 | 29 | 33 | 25 |
| 44/ 43 | | .4 | 1.2 | 1.2 | .2 | .2 | | | | | | | | | | | | 30 | 30 | 53 | 28 |
| 42/ 41 | | | .8 | .6 | .2 | | | | | | | | | | | | | 14 | 14 | 37 | 44 |
| 40/ 39 | | .2 | .2 | .6 | .7 | | | | | | | | | | | | | 15 | 15 | 52 | 28 |
| 38/ 37 | | | .1 | .7 | .3 | | | | | | | | | | | | | 10 | 10 | 31 | 28 |
| 36/ 35 | | | .2 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 16 | 43 |
| 34/ 33 | | | .1 | .1 | .1 | | | | | | | | | | | | | 3 | 3 | 13 | 38 |
| 32/ 31 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 8 | 27 |
| 30/ 29 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | 8 | 34 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 17 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 16.3 | 22.9 | 23.1 | 18.4 | 11.9 | 3.6 | 1.4 | .7 | | | | | | | | | 897 | 897 | 897 | 897 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4391623 | 60869 | 67.9 | 17.072 | 897 | | | | | | | |
| Dry Bulb | 3071009 | 51847 | 57.8 | 9.102 | 897 | | .5 | 15.3 | 2.3 | | | 90 |
| Wet Bulb | 2537636 | 46898 | 52.3 | 9.778 | 897 | | 2.2 | 4.5 | | | | 90 |
| Dew Point | 2097557 | 41769 | 46.6 | 13.049 | 897 | | 15.6 | 2.0 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | .6 | .3 | .1 | .2 | | | | | | | | | | | | | 11 | 11 | 6 | 2 |
| 70/ 69 | | 1.3 | .8 | .8 | .3 | | .1 | | | | | | | | | | | 30 | 30 | 4 | 7 |
| 68/ 67 | .2 | 2.2 | 1.0 | .6 | .3 | | .1 | | | | | | | | | | | 40 | 40 | 26 | 11 |
| 66/ 65 | .9 | 2.0 | .8 | .4 | .4 | | .1 | | | | | | | | | | | 42 | 42 | 37 | 38 |
| 64/ 63 | 1.1 | 4.6 | 1.1 | .4 | .2 | .4 | .3 | | | | | | | | | | | 74 | 74 | 44 | 36 |
| 62/ 61 | | 3.6 | 1.8 | .4 | .2 | .6 | | | | | | | | | | | | 59 | 59 | 61 | 37 |
| 60/ 59 | .4 | 2.7 | 2.8 | .4 | .2 | | | | | | | | | | | | | 59 | 59 | 53 | 58 |
| 58/ 57 | | 2.8 | 3.3 | .6 | .3 | | | | | | | | | | | | | 63 | 63 | 46 | 41 |
| 56/ 55 | | 3.2 | 1.9 | .9 | 1.1 | .6 | | | | | | | | | | | | 69 | 69 | 61 | 45 |
| 54/ 53 | | 2.0 | 2.8 | 2.2 | .9 | .7 | | | | | | | | | | | | 77 | 77 | 72 | 55 |
| 52/ 51 | .2 | 1.4 | 2.0 | 1.4 | .8 | .3 | .1 | | | | | | | | | | | 57 | 57 | 48 | 50 |
| 50/ 49 | .1 | 2.6 | 2.1 | 1.7 | .4 | | | | | | | | | | | | | 62 | 62 | 50 | 44 |
| 48/ 47 | | 1.3 | .9 | 1.7 | 1.0 | .1 | | | | | | | | | | | | 45 | 45 | 73 | 48 |
| 46/ 45 | | .3 | 1.8 | 1.3 | 1.2 | .1 | | | | | | | | | | | | 43 | 43 | 52 | 51 |
| 44/ 43 | | .1 | 1.6 | 1.8 | .4 | | | | | | | | | | | | | 35 | 35 | 37 | 38 |
| 42/ 41 | | 1.0 | 1.9 | 1.0 | .2 | | | | | | | | | | | | | 37 | 37 | 39 | 38 |
| 40/ 39 | | .4 | 2.7 | .7 | .1 | | | | | | | | | | | | | 35 | 35 | 47 | 27 |
| 38/ 37 | | .7 | .7 | .3 | .1 | | | | | | | | | | | | | 16 | 16 | 46 | 40 |
| 36/ 35 | .1 | .2 | 1.0 | .3 | | | | | | | | | | | | | | 15 | 15 | 45 | 51 |
| 34/ 33 | | .2 | .8 | .3 | .1 | | | | | | | | | | | | | 13 | 13 | 11 | 26 |
| 32/ 31 | | | .4 | .2 | .1 | | | | | | | | | | | | | 7 | 7 | 17 | 33 |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 7 | 40 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 7 | 22 |
| 26/ 25 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 4 | 21 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 9 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 64 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03650 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 3.1 | 33.6 | 33.0 | 17.8 | 8.9 | 2.8 | .8 | | | | | | | | | | | 897 | 897 | 897 | 897 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 5417676 | 68442 | 76.3 | 14.771 | 897 | | | | | | | |
| Dry Bulb | 2697190 | 48824 | 54.0 | 9.628 | 897 | | 1.2 | 8.4 | .3 | | | 90 |
| Wet Bulb | 2368271 | 45149 | 50.3 | 10.339 | 897 | | 3.9 | 3.6 | | | | 90 |
| Dew Point | 2075001 | 41581 | 46.4 | 12.830 | 897 | | 15.5 | 2.0 | | | | 90 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (YEARS) NOV (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | .0 | .0 | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | .0 | .0 | .1 | .1 | | | | | | | | 17 | 17 | | |
| 82/ 81 | | | | | .0 | .1 | .1 | .2 | .1 | .0 | .1 | .1 | | | | | | 43 | 43 | | |
| 80/ 79 | | | | .0 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | 73 | 73 | | |
| 78/ 77 | | | | .1 | .3 | .2 | .3 | .2 | .2 | .1 | | | .0 | | | | | 99 | 99 | | |
| 76/ 75 | | | .1 | .4 | .3 | .5 | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | 182 | 182 | | |
| 74/ 73 | | .1 | .3 | .5 | .4 | .4 | .5 | .3 | .2 | .0 | .1 | .1 | | | | | | 212 | 212 | 5 | |
| 72/ 71 | .0 | .7 | .6 | .5 | .5 | .4 | .2 | .3 | .3 | .1 | .1 | .0 | | | | | | 275 | 275 | 67 | 9 |
| 70/ 69 | .0 | 1.0 | .9 | .6 | .6 | .5 | .4 | .3 | .4 | .1 | .1 | | | | | | | 353 | 353 | 139 | 68 |
| 68/ 67 | .2 | 1.6 | 1.0 | .5 | .7 | .2 | .3 | .3 | .3 | .1 | .0 | | | | | | | 380 | 380 | 298 | 147 |
| 66/ 65 | .7 | 2.1 | .6 | .7 | .5 | .4 | .4 | .2 | .3 | .2 | .0 | | | | | | | 448 | 448 | 400 | 290 |
| 64/ 63 | .6 | 2.4 | .7 | .8 | .3 | .5 | .4 | .4 | .3 | .1 | | | | | | | | 458 | 458 | 432 | 335 |
| 62/ 61 | .6 | 2.5 | .9 | .5 | .5 | .5 | .3 | .5 | .2 | .1 | | | | | | | | 477 | 477 | 492 | 344 |
| 60/ 59 | .5 | 1.9 | 1.4 | .6 | .3 | .3 | .4 | .4 | .2 | .1 | | | | | | | | 440 | 440 | 448 | 386 |
| 58/ 57 | .2 | 2.1 | 1.5 | .6 | .4 | .3 | .4 | .3 | .2 | .0 | | | | | | | | 439 | 439 | 419 | 324 |
| 56/ 55 | .2 | 1.9 | 1.3 | .8 | .7 | .5 | .4 | .2 | .0 | | | | | | | | | 437 | 437 | 427 | 419 |
| 54/ 53 | .2 | 1.6 | 1.3 | .9 | .4 | .6 | .3 | .1 | .0 | | | | | | | | | 390 | 390 | 449 | 388 |
| 52/ 51 | .2 | 1.4 | 1.4 | .7 | .6 | .4 | .3 | .1 | | | | | | | | | | 356 | 356 | 377 | 330 |
| 50/ 49 | .2 | 1.8 | 1.3 | .8 | .6 | .4 | .1 | .0 | | | | | | | | | | 378 | 378 | 442 | 366 |
| 48/ 47 | .1 | 1.6 | .8 | 1.0 | .7 | .3 | .1 | .0 | | | | | | | | | | 327 | 327 | 473 | 343 |
| 46/ 45 | | 1.3 | 1.0 | .8 | .6 | .3 | .0 | | | | | | | | | | | 291 | 291 | 381 | 336 |
| 44/ 43 | | 1.2 | 1.1 | .7 | .2 | .2 | .0 | | | | | | | | | | | 246 | 246 | 376 | 318 |
| 42/ 41 | | .7 | 1.1 | .5 | .2 | .1 | .0 | | | | | | | | | | | 192 | 192 | 324 | 322 |
| 40/ 39 | | .6 | 1.1 | .6 | .2 | .0 | | | | | | | | | | | | 183 | 183 | 300 | 264 |
| 38/ 37 | | .8 | .9 | .3 | .1 | .0 | | | | | | | | | | | | 151 | 151 | 243 | 254 |
| 36/ 35 | .1 | .8 | .7 | .2 | .1 | .0 | | | | | | | | | | | | 137 | 137 | 236 | 322 |
| 34/ 33 | .1 | .5 | .4 | .1 | .0 | | | | | | | | | | | | | 78 | 78 | 191 | 289 |
| 32/ 31 | .0 | .4 | .3 | .0 | .0 | | | | | | | | | | | | | 59 | 59 | 104 | 299 |
| 30/ 29 | | .2 | .2 | .1 | | | | | | | | | | | | | | 28 | 28 | 66 | 273 |
| 28/ 27 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 15 | 15 | 43 | 189 |
| 26/ 25 | | .1 | .0 | .0 | | | | | | | | | | | | | | 12 | 12 | 26 | 188 |
| 24/ 23 | | | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 13 | 97 |
| 22/ 21 | | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 8 | 83 |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 71 |

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

USAFETAC FORM AS 44 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 69-70,73-80 YEARS | NOV 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 56 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 9 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 3.7 | 29.6 | 21.0 | 13.4 | 9.4 | 7.4 | 5.9 | 4.4 | 3.0 | 1.3 | .5 | .3 | .0 | .0 | | | | 7193 | 7193 | 7193 | 7193 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 38310190 | 503946 | 70.1 | 20.435 | 7193 | | | | | | | |
| Dry Bulb | 24424082 | 410700 | 57.1 | 11.639 | 7193 | | 12.9 | 163.8 | 62.9 | 9.9 | | 720 |
| Wet Bulb | 20034783 | 371663 | 51.7 | 10.749 | 7193 | | 27.4 | 50.9 | .5 | | | 720 |
| Dew Point | 16617190 | 332022 | 46.2 | 13.400 | 7193 | | 134.0 | 22.4 | | | | 720 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .3 | .1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 72/ 71 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 3 |
| 70/ 69 | | 1.3 | | | | | | | | | | | | | | | | 12 | 12 | 7 | 5 |
| 68/ 67 | .6 | 1.6 | .3 | | | | | | | | | | | | | | | 24 | 24 | 18 | 16 |
| 66/ 65 | .4 | .6 | .1 | | | | | | | | | | | | | | | 11 | 11 | 20 | 20 |
| 64/ 63 | .3 | 1.1 | .3 | .2 | | | | | | | | | | | | | | 18 | 18 | 12 | 13 |
| 62/ 61 | .5 | 1.4 | .3 | .1 | | | | | | | | | | | | | | 22 | 22 | 15 | 13 |
| 60/ 59 | .3 | 1.8 | .3 | | .1 | | | | | | | | | | | | | 24 | 24 | 18 | 17 |
| 58/ 57 | .6 | 1.6 | .4 | .2 | .2 | | | | | | | | | | | | | 29 | 29 | 29 | 25 |
| 56/ 55 | .2 | 4.4 | .8 | .2 | .3 | .1 | | | | | | | | | | | | 56 | 56 | 25 | 22 |
| 54/ 53 | .4 | 3.7 | .4 | .6 | .1 | .1 | | | | | | | | | | | | 50 | 50 | 50 | 39 |
| 52/ 51 | | 3.3 | 1.8 | .6 | .3 | .1 | | | | | | | | | | | | 58 | 58 | 48 | 48 |
| 50/ 49 | .5 | 2.5 | 1.7 | 1.2 | .2 | | | | | | | | | | | | | 57 | 57 | 38 | 34 |
| 48/ 47 | .1 | 2.3 | 2.8 | 1.5 | .1 | .2 | | | | | | | | | | | | 65 | 65 | 53 | 30 |
| 46/ 45 | .1 | 2.3 | .6 | 1.6 | .4 | .3 | | | | | | | | | | | | 50 | 50 | 58 | 39 |
| 44/ 43 | .2 | 1.1 | 2.2 | 2.3 | .4 | | | | | | | | | | | | | 57 | 57 | 52 | 39 |
| 42/ 41 | | 2.0 | 2.7 | 2.2 | .2 | | | | | | | | | | | | | 66 | 66 | 35 | 40 |
| 40/ 39 | | 2.5 | 3.3 | .5 | | | | | | | | | | | | | | 59 | 59 | 61 | 35 |
| 38/ 37 | | 1.9 | 2.7 | 1.4 | .3 | | | | | | | | | | | | | 59 | 59 | 78 | 34 |
| 36/ 35 | | 1.5 | 1.8 | 2.2 | | | | | | | | | | | | | | 51 | 51 | 62 | 47 |
| 34/ 33 | | .6 | 3.3 | 1.7 | | | | | | | | | | | | | | 53 | 53 | 49 | 50 |
| 32/ 31 | | 1.9 | 3.3 | 1.1 | | | | | | | | | | | | | | 59 | 59 | 47 | 67 |
| 30/ 29 | | .8 | 1.9 | .1 | | | | | | | | | | | | | | 26 | 26 | 60 | 42 |
| 28/ 27 | | .6 | .5 | | | | | | | | | | | | | | | 11 | 11 | 56 | 52 |
| 26/ 25 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 25 | 39 |
| 24/ 23 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 3 | 25 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | 35 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 49 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 28 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL N.C./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 4.5 | 41.5 | 32.6 | 17.7 | 2.8 | .9 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 5687820 | 71426 | 76.8 | 14.751 | 930 | | | | | | | |
| Dry Bulb | 2056799 | 42607 | 45.8 | 10.621 | 930 | | 10.3 | 4.2 | .4 | | | 93 |
| Wet Bulb | 1826971 | 39841 | 42.8 | 11.374 | 930 | | 19.8 | 2.9 | | | | 93 |
| Dew Point | 1570107 | 3594[illegible] | 38.6 | 13.963 | 930 | | 36.1 | 2.4 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | | |
| 72/ 71 | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 3 | 1 |
| 70/ 69 | | .8 | | | | | | | | | | | | | | | | 7 | 7 | 5 | 5 |
| 68/ 67 | .1 | 1.5 | .3 | | | | | | | | | | | | | | | 17 | 17 | 14 | 12 |
| 66/ 65 | .2 | .8 | .1 | | | | | | | | | | | | | | | 10 | 10 | 13 | 14 |
| 64/ 63 | .3 | 2.0 | | | | | | | | | | | | | | | | 22 | 22 | 16 | 9 |
| 62/ 61 | .1 | 1.5 | .3 | | | | | | | | | | | | | | | 18 | 18 | 19 | 21 |
| 60/ 59 | .5 | 1.9 | .3 | .1 | .2 | | | | | | | | | | | | | 29 | 29 | 19 | 25 |
| 58/ 57 | .6 | 1.9 | .4 | .1 | | | | | | | | | | | | | | 29 | 29 | 26 | 18 |
| 56/ 55 | .9 | 3.2 | .4 | .2 | | | | | | | | | | | | | | 44 | 44 | 32 | 27 |
| 54/ 53 | .6 | 3.7 | .6 | .3 | .1 | | | | | | | | | | | | | 50 | 50 | 44 | 43 |
| 52/ 51 | .4 | 2.6 | 1.3 | .2 | | | | | | | | | | | | | | 42 | 42 | 43 | 42 |
| 50/ 49 | .6 | 3.1 | 1.1 | .6 | | | | | | | | | | | | | | 51 | 51 | 47 | 35 |
| 48/ 47 | | 3.2 | 1.7 | .9 | .2 | | | | | | | | | | | | | 56 | 56 | 38 | 33 |
| 46/ 45 | .4 | 2.4 | 1.8 | 1.1 | .4 | .1 | | | | | | | | | | | | 58 | 58 | 45 | 35 |
| 44/ 43 | .3 | 1.4 | 1.5 | 1.6 | .2 | | | | | | | | | | | | | 47 | 47 | 50 | 30 |
| 42/ 41 | .2 | 1.2 | 2.9 | 1.6 | .2 | | | | | | | | | | | | | 57 | 57 | 35 | 30 |
| 40/ 39 | | 2.4 | 2.7 | .6 | | | | | | | | | | | | | | 53 | 53 | 53 | 34 |
| 38/ 37 | .1 | 2.9 | 2.0 | .8 | | | | | | | | | | | | | | 54 | 54 | 58 | 34 |
| 36/ 35 | | 3.0 | 2.0 | .4 | | | | | | | | | | | | | | 51 | 51 | 67 | 42 |
| 34/ 33 | | 2.4 | 2.6 | 1.5 | | | | | | | | | | | | | | 62 | 62 | 54 | 49 |
| 32/ 31 | | 3.2 | 3.0 | 1.2 | | | | | | | | | | | | | | 69 | 69 | 52 | 58 |
| 30/ 29 | .1 | 2.0 | 2.7 | .1 | | | | | | | | | | | | | | 46 | 46 | 57 | 56 |
| 28/ 27 | | 2.4 | 1.0 | | | | | | | | | | | | | | | 31 | 31 | 64 | 51 |
| 26/ 25 | | .6 | .5 | | | | | | | | | | | | | | | 11 | 11 | 53 | 47 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 10 | 22 |
| 22/ 21 | | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | 5 | 34 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 4 | 49 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 36 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 5.7 | 50.8 | 30.6 | 11.4 | 1.4 | .1 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 6024399 | 73777 | 79.3 | 13.593 | 930 | | | | | | | |
| Dry Bulb | 1937831 | 41147 | 44.2 | 11.238 | 930 | | 16.5 | 3.2 | .5 | | | 93 |
| Wet Bulb | 1747308 | 38794 | 41.7 | 11.786 | 930 | | 24.7 | 2.2 | | | | 93 |
| Dew Point | 1529700 | 35382 | 38.0 | 14.058 | 930 | | 38.3 | 1.8 | | | | 93 |

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

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | |
| 70/ 69 | | 1.1 | | | | | | | | | | | | | | | | 13 | 10 | 7 | 5 |
| 68/ 67 | .2 | 1.3 | | | | | | | | | | | | | | | | 14 | 14 | 15 | 12 |
| 66/ 65 | .1 | .9 | .1 | | | | | | | | | | | | | | | 10 | 10 | 10 | 13 |
| 64/ 63 | .2 | 1.8 | .1 | | | | | | | | | | | | | | | 20 | 20 | 15 | 8 |
| 62/ 61 | .2 | 1.5 | .2 | .1 | | | | | | | | | | | | | | 19 | 19 | 17 | 18 |
| 60/ 59 | .3 | 1.9 | .6 | .2 | | | | | | | | | | | | | | 29 | 29 | 18 | 20 |
| 58/ 57 | .6 | 2.7 | 1.2 | .3 | | | | | | | | | | | | | | 45 | 45 | 32 | 31 |
| 56/ 55 | 1.4 | 3.5 | .5 | .2 | | | | | | | | | | | | | | 53 | 53 | 47 | 32 |
| 54/ 53 | .2 | 2.3 | .6 | .2 | | .1 | | | | | | | | | | | | 32 | 32 | 43 | 40 |
| 52/ 51 | 1.0 | 2.9 | 1.3 | | | | | | | | | | | | | | | 48 | 48 | 44 | 45 |
| 50/ 49 | .6 | 3.1 | 1.1 | .4 | .1 | | | | | | | | | | | | | 50 | 50 | 43 | 43 |
| 48/ 47 | .1 | 2.5 | 1.4 | 1.0 | .3 | | | | | | | | | | | | | 49 | 49 | 33 | 26 |
| 46/ 45 | .2 | 2.6 | 1.7 | 1.2 | .2 | | | | | | | | | | | | | 55 | 55 | 46 | 36 |
| 44/ 43 | .3 | 1.8 | 2.0 | 1.2 | .4 | .1 | | | | | | | | | | | | 55 | 55 | 37 | 31 |
| 42/ 41 | | 1.5 | 1.9 | 1.4 | .3 | | | | | | | | | | | | | 48 | 48 | 47 | 27 |
| 40/ 39 | | 2.6 | 3.3 | 1.1 | | | | | | | | | | | | | | 65 | 65 | 47 | 31 |
| 38/ 37 | | 2.0 | 2.9 | .8 | .1 | | | | | | | | | | | | | 54 | 54 | 62 | 31 |
| 36/ 35 | | 3.7 | 1.4 | .8 | .1 | | | | | | | | | | | | | 55 | 55 | 69 | 46 |
| 34/ 33 | | 1.7 | 2.3 | 1.3 | | | | | | | | | | | | | | 49 | 49 | 64 | 54 |
| 32/ 31 | .1 | 3.9 | 2.7 | .9 | | | | | | | | | | | | | | 70 | 70 | 46 | 68 |
| 30/ 29 | .2 | 1.8 | 2.6 | .2 | | | | | | | | | | | | | | 45 | 45 | 63 | 51 |
| 28/ 27 | .1 | 1.9 | 1.3 | | | | | | | | | | | | | | | 31 | 31 | 52 | 49 |
| 26/ 25 | | .5 | .2 | | | | | | | | | | | | | | | 7 | 7 | 46 | 46 |
| 24/ 23 | | .5 | .1 | | | | | | | | | | | | | | | 6 | 6 | 14 | 27 |
| 22/ 21 | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | 6 | 38 |
| 20/ 19 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 41 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 27 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |

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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 6.0 | 50.6 | 30.3 | 11.2 | 1.6 | .2 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 6028539 | 73811 | 79.4 | 13.544 | 930 | | | | | | | |
| Dry Bulb | 1946409 | 41255 | 44.4 | 11.190 | 930 | | 16.5 | 2.9 | .2 | | | 93 |
| Wet Bulb | 1755444 | 38904 | 41.8 | 11.738 | 930 | | 23.3 | 2.3 | | | | 93 |
| Dew Point | 1537236 | 35494 | 38.2 | 14.019 | 930 | | 38.1 | 1.7 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .5 | .2 | | | | | | | | | | | | | 7 | 7 | | |
| 76/ 75 | | | .2 | .1 | | .1 | | | | | | | | | | | | 4 | 4 | | |
| 74/ 73 | | | .4 | .2 | .2 | .3 | .1 | .1 | | | | | | | | | | 13 | 13 | | |
| 72/ 71 | | .4 | .3 | .4 | .9 | .2 | .1 | | | | | | | | | | | 22 | 22 | 9 | |
| 70/ 69 | | .6 | .4 | .6 | .3 | .2 | .1 | .1 | .1 | | | | | | | | | 24 | 24 | 14 | 11 |
| 68/ 67 | | .9 | .9 | .9 | .1 | .2 | | | | | | | | | | | | 27 | 27 | 12 | 14 |
| 66/ 65 | .1 | 1.3 | .8 | 1.0 | .1 | .1 | | | .2 | | | | | | | | | 33 | 33 | 23 | 11 |
| 64/ 63 | | .9 | .3 | .4 | .5 | .3 | .3 | .1 | | | | | | | | | | 27 | 27 | 35 | 20 |
| 62/ 61 | .4 | 1.1 | .4 | .4 | .3 | .5 | .3 | .2 | .1 | | | | | | | | | 36 | 36 | 37 | 26 |
| 60/ 59 | .9 | 1.9 | 1.1 | .9 | .4 | .5 | .6 | .1 | .1 | | | | | | | | | 61 | 61 | 35 | 44 |
| 58/ 57 | .4 | 2.0 | 1.0 | .9 | .9 | .5 | .3 | .3 | .1 | | | | | | | | | 65 | 65 | 40 | 33 |
| 56/ 55 | | 2.5 | 1.4 | .8 | .8 | .6 | 1.8 | .4 | | | | | | | | | | 77 | 77 | 41 | 37 |
| 54/ 53 | .2 | 1.2 | 1.1 | .6 | 1.0 | 1.0 | .9 | .1 | | | | | | | | | | 56 | 56 | 41 | 38 |
| 52/ 51 | .2 | .6 | 1.2 | .9 | 1.6 | 1.9 | .8 | | | | | | | | | | | 67 | 67 | 49 | 27 |
| 50/ 49 | .2 | 1.8 | 1.9 | .9 | 2.0 | 1.0 | .8 | .1 | | | | | | | | | | 81 | 81 | 44 | 33 |
| 48/ 47 | | 1.4 | 1.1 | 1.6 | 1.7 | 1.1 | .4 | | | | | | | | | | | 68 | 68 | 52 | 35 |
| 46/ 45 | .2 | .9 | 1.9 | 1.2 | 1.5 | 1.2 | .1 | | | | | | | | | | | 65 | 65 | 74 | 39 |
| 44/ 43 | | .8 | 1.7 | 2.5 | 1.9 | 1.0 | .2 | | | | | | | | | | | 75 | 75 | 71 | 33 |
| 42/ 41 | | .1 | .1 | 1.1 | 1.2 | .1 | | | | | | | | | | | | 24 | 24 | 88 | 33 |
| 40/ 39 | | .1 | .6 | 1.1 | 1.5 | .3 | | | | | | | | | | | | 34 | 34 | 64 | 35 |
| 38/ 37 | | | .4 | 1.4 | .8 | | | | | | | | | | | | | 24 | 24 | 54 | 47 |
| 36/ 35 | | | .5 | .9 | .9 | .1 | | | | | | | | | | | | 19 | 19 | 45 | 44 |
| 34/ 33 | | | .2 | .4 | .1 | | | | | | | | | | | | | 7 | 7 | 28 | 39 |
| 32/ 31 | | | .1 | .8 | .1 | | | | | | | | | | | | | 9 | 9 | 38 | 48 |
| 30/ 29 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 59 |
| 28/ 27 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 11 | 37 |
| 26/ 25 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 7 | 35 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 31 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 24 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (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 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.7 | 18.5 | 18.4 | 20.5 | 18.7 | 11.5 | 7.4 | 1.6 | .6 | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4213685 | 59777 | 64.3 | 19.996 | 930 | | | | | | | |
| Dry Bulb | 2686457 | 49131 | 52.8 | 9.893 | 930 | | 1.3 | 9.8 | 2.5 | .1 | | 93 |
| Wet Bulb | 2170205 | 43831 | 47.1 | 10.603 | 930 | | 7.4 | 3.5 | | | | 93 |
| Dew Point | 1689318 | 37217 | 40.0 | 14.686 | 930 | | 33.1 | 2.5 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | .3 | .3 | | | | | | | | | | | 6 | 6 | | |
| 80/ 79 | | | | | .4 | .6 | | | | | | | | | | | | 10 | 10 | | |
| 78/ 77 | | | | .1 | .3 | .2 | .6 | .2 | | .1 | | | | | | | | 15 | 15 | | |
| 76/ 75 | | | .1 | .4 | .8 | .5 | 1.3 | .2 | | .1 | | | | | | | | 32 | 32 | | |
| 74/ 73 | | | .1 | .6 | .9 | 1.5 | .4 | | .2 | .4 | | | | | | | | 39 | 39 | | |
| 72/ 71 | | .1 | .9 | .3 | 1.1 | .4 | .3 | .1 | .1 | .4 | .1 | | | | | | | 36 | 36 | 17 | |
| 70/ 69 | | .3 | .5 | .9 | .8 | .4 | .2 | | .3 | .1 | .2 | .2 | | | | | | 34 | 34 | 12 | 2 |
| 68/ 67 | | | .5 | .5 | 1.0 | .2 | .9 | .1 | .3 | .2 | | | | | | | | 35 | 35 | 29 | 16 |
| 66/ 65 | | 1.0 | .3 | 1.0 | .4 | .6 | .6 | .6 | .5 | .3 | | | | | | | | 51 | 51 | 34 | 17 |
| 64/ 63 | .2 | .8 | .1 | .8 | .4 | .8 | .4 | .9 | 1.1 | .2 | | | | | | | | 52 | 52 | 57 | 26 |
| 62/ 61 | .5 | .5 | .3 | 1.0 | .5 | 1.4 | 1.2 | 1.9 | 1.6 | .3 | | | | | | | | 87 | 87 | 36 | 43 |
| 60/ 59 | .1 | 1.1 | .2 | .5 | .5 | 1.1 | .6 | 2.9 | 1.2 | .2 | | | | | | | | 82 | 82 | 34 | 28 |
| 58/ 57 | .1 | 1.5 | .3 | .5 | .3 | .6 | 1.3 | 2.5 | .8 | .1 | | | | | | | | 75 | 75 | 35 | 41 |
| 56/ 55 | .2 | 1.0 | .3 | .2 | 1.2 | .5 | 1.3 | .9 | .5 | | | | | | | | | 63 | 63 | 53 | 41 |
| 54/ 53 | | 1.2 | 1.0 | .4 | .6 | 1.1 | 1.4 | 1.6 | .1 | | | | | | | | | 69 | 69 | 44 | 41 |
| 52/ 51 | .1 | .9 | | .4 | .6 | 1.3 | 1.6 | .9 | .1 | | | | | | | | | 55 | 55 | 56 | 29 |
| 50/ 49 | .2 | 1.5 | .9 | .1 | .4 | 1.5 | 1.4 | .5 | | | | | | | | | | 61 | 61 | 82 | 32 |
| 48/ 47 | | .4 | .1 | .4 | .6 | 1.1 | 1.2 | .2 | | | | | | | | | | 38 | 38 | 74 | 29 |
| 46/ 45 | | .3 | .2 | .2 | 1.0 | 1.5 | .8 | | | | | | | | | | | 37 | 37 | 73 | 37 |
| 44/ 43 | | | .2 | .2 | .5 | .6 | | | | | | | | | | | | 15 | 15 | 68 | 33 |
| 42/ 41 | | .1 | .2 | .3 | .2 | .6 | .1 | | | | | | | | | | | 15 | 15 | 48 | 26 |
| 40/ 39 | | .1 | | | .4 | .3 | .1 | | | | | | | | | | | 9 | 9 | 60 | 32 |
| 38/ 37 | | | | | 1.0 | .1 | | | | | | | | | | | | 10 | 10 | 51 | 27 |
| 36/ 35 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 28 | 34 |
| 34/ 33 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | 16 | 34 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 10 | 42 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 10 | 43 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 39 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 38 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 25 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 37 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 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 AM 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (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 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.5 | 10.8 | 6.7 | 9.7 | 14.0 | 17.5 | 16.3 | 13.6 | 6.9 | 2.6 | .3 | .2 | | | | | | 929 | 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 | 2993602 | 48610 | 52.3 | 22.023 | 929 | | | | | | | |
| Dry Bulb | 3331267 | 54909 | 59.1 | 9.618 | 929 | | | 20.8 | 10.3 | 1.4 | | 93 |
| Wet Bulb | 2429228 | 46582 | 50.1 | 10.038 | 929 | | 2.2 | 5.8 | | | | 93 |
| Dew Point | 1685161 | 36833 | 39.6 | 15.564 | 929 | | 36.1 | 1.8 | | | | 93 |

USAFETAC FORM AM 64 0-24-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | .2 | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | .4 | | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | .4 | .2 | .2 | .1 | | | | | | | | | | 9 | 9 | | |
| 76/ 75 | | | | .6 | .5 | .6 | .5 | .2 | | .1 | .1 | | | | | | | 26 | 26 | | |
| 74/ 73 | | .1 | .1 | .3 | .4 | .5 | .9 | | .1 | .1 | | .1 | | | | | | 25 | 25 | | |
| 72/ 71 | | .2 | .6 | 1.1 | .1 | .5 | .2 | | .2 | .1 | .3 | | | | | | | 32 | 32 | 7 | |
| 70/ 69 | | .5 | .8 | .5 | 1.2 | .8 | | | .2 | .2 | | .1 | | | | | | 40 | 40 | 15 | 4 |
| 68/ 67 | | .4 | .8 | 1.2 | .9 | .2 | .6 | .3 | .1 | .1 | .1 | | | | | | | 44 | 44 | 27 | 12 |
| 66/ 65 | .2 | .8 | .6 | .8 | .5 | .8 | .6 | .2 | .8 | .2 | | | | | | | | 51 | 51 | 36 | 24 |
| 64/ 63 | | 1.0 | .4 | .2 | .6 | .5 | .6 | 1.0 | 1.2 | | | | | | | | | 52 | 52 | 36 | 22 |
| 62/ 61 | .1 | 1.2 | .2 | 1.4 | .8 | .9 | 1.2 | 1.6 | 1.1 | .1 | | | | | | | | 79 | 79 | 50 | 28 |
| 60/ 59 | | 1.8 | 1.1 | .5 | .8 | .5 | 1.2 | 1.9 | 1.2 | .1 | | | | | | | | 85 | 85 | 36 | 41 |
| 58/ 57 | .3 | .9 | .5 | .6 | .4 | 1.1 | 1.6 | 2.0 | .9 | .1 | | | | | | | | 79 | 79 | 37 | 43 |
| 56/ 55 | | 1.0 | .8 | .3 | 1.2 | 1.3 | 1.4 | .9 | .8 | | | | | | | | | 70 | 70 | 50 | 34 |
| 54/ 53 | | 1.0 | .2 | .6 | .8 | 1.2 | 2.3 | .8 | | | | | | | | | | 63 | 63 | 45 | 34 |
| 52/ 51 | | 1.6 | 1.1 | .4 | .3 | 1.0 | 2.2 | .5 | .2 | | | | | | | | | 68 | 68 | 57 | 46 |
| 50/ 49 | .2 | 1.1 | .3 | .3 | .5 | .6 | 1.4 | .6 | | | | | | | | | | 48 | 48 | 69 | 30 |
| 48/ 47 | | .5 | .1 | .4 | 1.3 | 1.4 | 1.1 | .1 | | | | | | | | | | 46 | 46 | 87 | 29 |
| 46/ 45 | | .4 | .6 | .1 | .6 | 1.5 | .9 | | | | | | | | | | | 39 | 39 | 76 | 33 |
| 44/ 43 | | .2 | | .5 | .8 | .5 | | | | | | | | | | | | 19 | 19 | 60 | 20 |
| 42/ 41 | | .2 | .2 | .6 | .4 | .8 | .2 | | | | | | | | | | | 23 | 23 | 61 | 35 |
| 40/ 39 | | .1 | | .2 | .3 | .2 | | | | | | | | | | | | 8 | 8 | 47 | 28 |
| 38/ 37 | | .1 | .1 | .3 | .5 | .1 | | | | | | | | | | | | 11 | 11 | 54 | 28 |
| 36/ 35 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | 35 | 41 |
| 34/ 33 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | 22 | 34 |
| 32/ 31 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 11 | 55 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 6 | 44 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 | 46 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 40 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 34 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 23 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 24 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 13 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 13.1 | 8.6 | 11.5 | 13.9 | 15.7 | 17.4 | 10.3 | 6.7 | 1.2 | .5 | .2 | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 3183332 | 50332 | 54.1 | 22.236 | 930 | | | | | | | |
| Dry Bulb | 3217356 | 54002 | 58.1 | 9.374 | 930 | | .1 | 18.3 | 6.7 | .5 | | 93 |
| Wet Bulb | 2383606 | 46166 | 49.6 | 9.945 | 930 | | 2.3 | 4.9 | | | | 93 |
| Dew Point | 1680157 | 36847 | 39.6 | 15.378 | 930 | | 36.4 | 1.6 | | | | 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

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | .1 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | | |
| 72/ 71 | | .3 | .5 | | | | | | | | | | | | | | | 8 | 8 | 2 | |
| 70/ 69 | .1 | .8 | .6 | .2 | | | | | | | | | | | | | | 16 | 16 | 12 | 7 |
| 68/ 67 | .3 | .8 | .8 | .3 | .2 | | | | | | | | | | | | | 22 | 22 | 17 | 13 |
| 66/ 65 | .2 | 1.7 | 1.2 | 1.2 | .4 | | | | | | | | | | | | | 44 | 44 | 16 | 20 |
| 64/ 63 | | 2.2 | .3 | .6 | .1 | .2 | | | | | | | | | | | | 32 | 32 | 25 | 10 |
| 62/ 61 | .1 | 2.5 | 1.2 | .6 | .3 | .4 | | .1 | | | | | | | | | | 49 | 49 | 38 | 28 |
| 60/ 59 | | 1.3 | 1.5 | .4 | .3 | .2 | .1 | | | | | | | | | | | 36 | 36 | 41 | 38 |
| 58/ 57 | .6 | 1.6 | 1.5 | 1.6 | .6 | .5 | .8 | .2 | | | | | | | | | | 64 | 64 | 37 | 33 |
| 56/ 55 | | 1.6 | 1.3 | 1.2 | 1.0 | 1.7 | .4 | .1 | | | | | | | | | | 68 | 68 | 39 | 25 |
| 54/ 53 | | 1.3 | 1.2 | 1.8 | .9 | .9 | .5 | | | | | | | | | | | 61 | 61 | 33 | 41 |
| 52/ 51 | | 3.1 | .4 | 2.1 | 1.9 | 1.7 | .6 | | | | | | | | | | | 92 | 92 | 53 | 35 |
| 50/ 49 | .2 | 1.7 | 1.6 | 1.8 | 2.5 | .9 | .8 | | | | | | | | | | | 88 | 88 | 56 | 43 |
| 48/ 47 | .2 | 1.2 | .1 | 2.2 | 2.6 | 1.7 | .3 | | | | | | | | | | | 77 | 77 | 58 | 38 |
| 46/ 45 | | .6 | 1.3 | 1.1 | 1.2 | 1.3 | | | | | | | | | | | | 51 | 51 | 75 | 32 |
| 44/ 43 | | | 1.1 | 1.2 | 1.4 | .5 | .1 | | | | | | | | | | | 40 | 40 | 58 | 33 |
| 42/ 41 | | .5 | .6 | 2.8 | 1.6 | .3 | | | | | | | | | | | | 55 | 55 | 76 | 28 |
| 40/ 39 | | .1 | .4 | 1.6 | 1.8 | | | | | | | | | | | | | 37 | 37 | 67 | 32 |
| 38/ 37 | | .2 | .8 | 2.1 | 1.0 | | | | | | | | | | | | | 37 | 37 | 44 | 48 |
| 36/ 35 | | .2 | .3 | 1.7 | .3 | | | | | | | | | | | | | 24 | 24 | 56 | 47 |
| 34/ 33 | | | .1 | .6 | .1 | | | | | | | | | | | | | 8 | 8 | 45 | 47 |
| 32/ 31 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 39 | 49 |
| 30/ 29 | | | .3 | .2 | | | | | | | | | | | | | | 5 | 5 | 25 | 36 |
| 28/ 27 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 5 | 51 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 38 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 28 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 30 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 37 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |

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

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) | FT RUCKER AL (STATION NAME) | 68-70,73-79 (YEARS) | DEC (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.8 | 21.9 | 17.9 | 25.4 | 18.4 | 10.5 | 3.7 | .4 | | | | | | | | | | 926 | 926 | 926 | 926 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 4327508 | 60874 | 65.7 | 18.765 | 926 | | | | | | | |
| Dry Bulb | 2555140 | 47886 | 51.7 | 9.231 | 926 | | .9 | 5.4 | .8 | | | 93 |
| Wet Bulb | 2101002 | 43044 | 46.5 | 10.405 | 926 | | 7.8 | 3.1 | | | | 93 |
| Dew Point | 1656349 | 36825 | 39.8 | 14.403 | 926 | | 32.9 | 2.0 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | | |
| 72/ 71 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 2 |
| 70/ 69 | | 1.2 | .1 | | | | | | | | | | | | | | | 12 | 12 | 6 | 5 |
| 68/ 67 | .3 | 1.0 | | | | | | | | | | | | | | | | 12 | 12 | 21 | 17 |
| 66/ 65 | .3 | 1.1 | .5 | .3 | .1 | | | | | | | | | | | | | 22 | 22 | 6 | 10 |
| 64/ 63 | .4 | 1.8 | .8 | .1 | | | | | | | | | | | | | | 29 | 29 | 16 | 14 |
| 62/ 61 | .6 | 1.9 | .4 | .2 | .1 | | | | | | | | | | | | | 31 | 31 | 30 | 21 |
| 60/ 59 | .4 | 2.5 | 1.4 | .2 | | | | | | | | | | | | | | 42 | 42 | 32 | 30 |
| 58/ 57 | .2 | 1.7 | 1.0 | .1 | | .1 | | | | | | | | | | | | 29 | 29 | 31 | 24 |
| 56/ 55 | .1 | 3.9 | 1.5 | .3 | .5 | .6 | | | | | | | | | | | | 65 | 65 | 30 | 24 |
| 54/ 53 | | 2.7 | 1.3 | 1.0 | .2 | .2 | | | | | | | | | | | | 50 | 50 | 53 | 48 |
| 52/ 51 | .1 | 2.4 | 1.9 | 1.5 | .8 | .2 | | | | | | | | | | | | 64 | 64 | 35 | 35 |
| 50/ 49 | .1 | 2.6 | 1.1 | 2.3 | 1.5 | .3 | | | | | | | | | | | | 73 | 73 | 44 | 36 |
| 48/ 47 | .3 | 1.4 | 1.8 | 2.7 | .6 | .2 | .3 | | | | | | | | | | | 69 | 69 | 60 | 35 |
| 46/ 45 | .2 | 1.6 | 1.6 | 1.6 | .8 | .2 | .1 | | | | | | | | | | | 57 | 57 | 60 | 42 |
| 44/ 43 | | 1.0 | 3.7 | 2.4 | .3 | .1 | | | | | | | | | | | | 69 | 69 | 55 | 31 |
| 42/ 41 | | 1.3 | 2.5 | 3.1 | .4 | .2 | | | | | | | | | | | | 70 | 70 | 66 | 36 |
| 40/ 39 | | .9 | 2.3 | 2.2 | .9 | | | | | | | | | | | | | 57 | 57 | 73 | 33 |
| 38/ 37 | | .2 | 2.3 | 2.7 | 1.0 | | | | | | | | | | | | | 57 | 57 | 56 | 62 |
| 36/ 35 | | .2 | 1.4 | 2.2 | .1 | | | | | | | | | | | | | 36 | 36 | 57 | 50 |
| 34/ 33 | | .2 | 2.0 | 1.6 | | | | | | | | | | | | | | 36 | 36 | 57 | 44 |
| 32/ 31 | | .3 | 1.5 | .4 | | | | | | | | | | | | | | 21 | 21 | 43 | 45 |
| 30/ 29 | | | .9 | .3 | | | | | | | | | | | | | | 11 | 11 | 49 | 53 |
| 28/ 27 | | | .5 | | | | | | | | | | | | | | | 5 | 5 | 25 | 45 |
| 26/ 25 | | | .4 | | | | | | | | | | | | | | | 4 | 4 | 10 | 32 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 6 | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 32 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 47 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 19 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-79 (YEARS) DEC (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 3.2 | 30.3 | 31.2 | 25.2 | 7.3 | 2.3 | .4 | | | | | | | | | | | | 927 | 927 | 927 | 927 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 5149276 | 67434 | 72.7 | 16.227 | 927 | | | | | | | |
| Dry Bulb | 2227874 | 44528 | 48.0 | 9.803 | 927 | | 4.1 | 3.0 | .5 | | | 93 |
| Wet Bulb | 1926818 | 41064 | 44.3 | 10.788 | 927 | | 13.6 | 3.0 | | | | 93 |
| Dew Point | 1608345 | 36389 | 39.3 | 13.939 | 927 | | 32.9 | 2.4 | | | | 93 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC 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 |
| 84/ 83 | | | | | | | .0 | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | .0 | .1 | | | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | | | | .1 | .1 | | | | | | | | | | | | 15 | 15 | | |
| 78/ 77 | | | | .1 | .1 | .1 | .1 | .0 | | .0 | | | | | | | | 31 | 31 | | |
| 76/ 75 | | | .0 | .2 | .2 | .2 | .2 | .1 | | .0 | .0 | | | | | | | 63 | 63 | | |
| 74/ 73 | | .1 | .2 | .2 | .2 | .3 | .2 | .0 | .0 | .1 | | .0 | | | | | | 100 | 100 | | |
| 72/ 71 | | .2 | .3 | .2 | .3 | .1 | .1 | .0 | .0 | .1 | .1 | | | | | | | 107 | 107 | 46 | 6 |
| 70/ 69 | .0 | .8 | .3 | .3 | .2 | .2 | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | 155 | 155 | 78 | 44 |
| 68/ 67 | .2 | .9 | .4 | .4 | .3 | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | | 195 | 195 | 153 | 112 |
| 66/ 65 | .2 | 1.0 | .5 | .5 | .2 | .2 | .2 | .1 | .2 | .1 | | | | | | | | 232 | 232 | 158 | 129 |
| 64/ 63 | .2 | 1.4 | .3 | .3 | .2 | .2 | .2 | .2 | .3 | .0 | | | | | | | | 252 | 252 | 212 | 122 |
| 62/ 61 | .3 | 1.5 | .4 | .5 | .3 | .4 | .3 | .5 | .3 | .1 | | | | | | | | 341 | 341 | 242 | 198 |
| 60/ 59 | .3 | 1.8 | .9 | .4 | .3 | .3 | .3 | .6 | .3 | .0 | | | | | | | | 388 | 388 | 233 | 243 |
| 58/ 57 | .5 | 1.7 | .8 | .5 | .3 | .4 | .6 | .6 | .2 | .0 | | | | | | | | 415 | 415 | 269 | 248 |
| 56/ 55 | .3 | 2.6 | .9 | .5 | .6 | .6 | .6 | .3 | .2 | | | | | | | | | 496 | 496 | 317 | 242 |
| 54/ 53 | .2 | 2.1 | .8 | .7 | .5 | .6 | .6 | .3 | .0 | | | | | | | | | 431 | 431 | 353 | 324 |
| 52/ 51 | .2 | 2.2 | 1.1 | .8 | .7 | .8 | .6 | .2 | .0 | | | | | | | | | 494 | 494 | 385 | 307 |
| 50/ 49 | .3 | 2.2 | 1.2 | 1.0 | .9 | .5 | .5 | .2 | | | | | | | | | | 509 | 509 | 423 | 286 |
| 48/ 47 | .1 | 1.6 | 1.1 | 1.3 | .9 | .7 | .4 | .0 | | | | | | | | | | 468 | 468 | 455 | 255 |
| 46/ 45 | .1 | 1.4 | 1.2 | 1.0 | .8 | .8 | .2 | | | | | | | | | | | 412 | 412 | 507 | 293 |
| 44/ 43 | .1 | .8 | 1.5 | 1.5 | .8 | .4 | .0 | | | | | | | | | | | 377 | 377 | 451 | 250 |
| 42/ 41 | .0 | .9 | 1.4 | 1.6 | .6 | .3 | .0 | | | | | | | | | | | 358 | 358 | 456 | 263 |
| 40/ 39 | | 1.1 | 1.6 | .9 | .6 | .1 | .0 | | | | | | | | | | | 322 | 322 | 472 | 260 |
| 38/ 37 | .0 | .9 | 1.4 | 1.2 | .6 | .0 | | | | | | | | | | | | 306 | 306 | 457 | 311 |
| 36/ 35 | | 1.1 | .9 | 1.0 | .2 | .0 | | | | | | | | | | | | 240 | 240 | 419 | 351 |
| 34/ 33 | | .6 | 1.3 | .9 | .1 | | | | | | | | | | | | | 218 | 218 | 335 | 351 |
| 32/ 31 | .3 | 1.2 | 1.3 | .6 | .0 | | | | | | | | | | | | | 231 | 231 | 286 | 432 |
| 30/ 29 | .0 | .6 | 1.1 | .1 | | | | | | | | | | | | | | 135 | 135 | 285 | 384 |
| 28/ 27 | .0 | .6 | .4 | .0 | | | | | | | | | | | | | | 81 | 81 | 220 | 382 |
| 26/ 25 | | .1 | .2 | | | | | | | | | | | | | | | 26 | 26 | 148 | 310 |
| 24/ 23 | | .1 | .1 | | | | | | | | | | | | | | | 10 | 10 | 38 | 235 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 12 | 12 | 19 | 257 |
| 20/ 19 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 9 | 326 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 6 | 225 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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) AM 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-79 YEARS | DEC 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 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 141 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 67 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 36 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 27 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 3.3 | 29.7 | 22.0 | 16.6 | 9.8 | 7.3 | 5.7 | 3.2 | 1.8 | .5 | .1 | .1 | | | | | | 7432 | 7432 | 7432 | 7432 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 37608161 | 506041 | 68.1 | 20.596 | 7432 | | | | | | | |
| Dry Bulb | 19959133 | 375465 | 50.5 | 11.546 | 7432 | | 49.8 | 67.7 | 21.9 | 2.0 | | 744 |
| Wet Bulb | 16340582 | 338226 | 45.5 | 11.296 | 7432 | | 101.2 | 27.7 | | | | 744 |
| Dew Point | 12956373 | 290923 | 39.1 | 14.527 | 7432 | | 284.0 | 16.2 | | | | 744 |

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

03850 STATION | FT RUCKER AL STATION NAME | 68-70, 73-80 YEARS | ALL MONTH

 ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 104/103 | | | | | | | | | | | .0 | .0 | | | | | | 3 | 3 | | |
| 102/101 | | | | | | | | | | .0 | .0 | .0 | | .0 | .0 | | | 19 | 19 | | |
| 100/ 99 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | 43 | 43 | | |
| 98/ 97 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | 100 | 100 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | 317 | 317 | | |
| 94/ 93 | | | | | | .0 | .0 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | | | | 678 | 679 | | |
| 92/ 91 | | | | | .0 | .0 | .2 | .4 | .4 | .2 | .1 | .0 | .0 | .0 | | | | 1206 | 1206 | | |
| 90/ 89 | | | | | .0 | .2 | .4 | .7 | .3 | .2 | .1 | .0 | .0 | .0 | | | | 1708 | 1708 | | |
| 88/ 87 | | | | .0 | .2 | .5 | .7 | .4 | .3 | .1 | .1 | .0 | .0 | .0 | | | | 2022 | 2022 | | |
| 86/ 85 | | | .0 | .2 | .5 | .7 | .4 | .4 | .2 | .2 | .1 | .0 | .0 | .0 | | | | 2398 | 2398 | | |
| 84/ 83 | | .0 | .1 | .4 | .6 | .5 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | 2639 | 2639 | 20 | |
| 82/ 81 | | .1 | .3 | .7 | .7 | .4 | .5 | .3 | .2 | .1 | .1 | .1 | .0 | | | | | 2931 | 2931 | 208 | 2 |
| 80/ 79 | .0 | .2 | .8 | .9 | .6 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | 3636 | 3636 | 1261 | 153 |
| 78/ 77 | .1 | .8 | 1.4 | 1.0 | .6 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | 4413 | 4413 | 3434 | 797 |
| 76/ 75 | .3 | 1.5 | 1.9 | .9 | .4 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | 5542 | 5542 | 5726 | 2550 |
| 74/ 73 | .6 | 2.0 | 2.0 | .8 | .3 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | | 6030 | 6030 | 6911 | 4811 |
| 72/ 71 | .5 | 1.9 | 1.6 | .5 | .4 | .2 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | | 5245 | 5245 | 7064 | 6792 |
| 70/ 69 | .4 | 1.6 | 1.3 | .4 | .4 | .3 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | 4502 | 4502 | 6064 | 7105 |
| 68/ 67 | .4 | 1.3 | 1.0 | .5 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | | | 3845 | 3846 | 5076 | 5798 |
| 66/ 65 | .4 | 1.5 | .6 | .5 | .3 | .2 | .2 | .2 | .1 | .1 | .0 | | | | | | | 3692 | 3692 | 4445 | 5018 |
| 64/ 63 | .4 | 1.5 | .6 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 3539 | 3539 | 4219 | 4278 |
| 62/ 61 | .4 | 1.3 | .5 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | | | | | | | | 3229 | 3229 | 3955 | 3804 |
| 60/ 59 | .4 | 1.2 | .7 | .4 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | 3239 | 3239 | 3696 | 3855 |
| 58/ 57 | .3 | 1.0 | .6 | .4 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | 2816 | 2816 | 3470 | 3112 |
| 56/ 55 | .3 | 1.0 | .6 | .4 | .3 | .3 | .2 | .1 | .0 | | | | | | | | | 2741 | 2741 | 3071 | 3086 |
| 54/ 53 | .2 | .8 | .6 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | | | | | 2502 | 2502 | 3108 | 2925 |
| 52/ 51 | .2 | .8 | .6 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | | | | | 2452 | 2452 | 2777 | 2886 |
| 50/ 49 | .2 | .8 | .6 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 2400 | 2400 | 2846 | 2711 |
| 48/ 47 | .1 | .7 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 2044 | 2044 | 2615 | 2515 |
| 46/ 45 | .1 | .6 | .5 | .4 | .3 | .2 | .1 | | | | | | | | | | | 1924 | 1924 | 2455 | 2457 |
| 44/ 43 | .1 | .6 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | | 1640 | 1640 | 2239 | 2102 |
| 42/ 41 | .1 | .4 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | | 1508 | 1508 | 2137 | 2107 |
| 40/ 39 | .1 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | | 1435 | 1435 | 1977 | 2013 |
| 38/ 37 | .0 | .4 | .3 | .3 | .2 | .0 | | | | | | | | | | | | 1224 | 1224 | 1821 | 1923 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

03850 STATION | FT RUCKER AL STATION NAME | 68-70,73-80 YEARS | ALL MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 36/ 35 | .0 | .4 | .4 | .3 | .1 | .0 | | | | | | | | | | | | 1041 | 1041 | 1626 | 1831 |
| 34/ 33 | .0 | .3 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 833 | 833 | 1328 | 1630 |
| 32/ 31 | .0 | .3 | .4 | .2 | .0 | | | | | | | | | | | | | 862 | 862 | 1145 | 1920 |
| 30/ 29 | .0 | .2 | .3 | .1 | .0 | | | | | | | | | | | | | 487 | 487 | 985 | 1612 |
| 28/ 27 | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 334 | 334 | 760 | 1390 |
| 26/ 25 | | .1 | .1 | .0 | | | | | | | | | | | | | | 173 | 173 | 572 | 1188 |
| 24/ 23 | | .0 | .1 | .0 | | | | | | | | | | | | | | 93 | 93 | 265 | 839 |
| 22/ 21 | | .0 | .1 | .0 | | | | | | | | | | | | | | 70 | 70 | 162 | 935 |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | 35 | 35 | 86 | 1080 |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 15 | 15 | 64 | 764 |
| 16/ 15 | | .0 | .0 | | | | | | | | | | | | | | | 11 | 11 | 17 | 483 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 371 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 284 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 188 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 134 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 82 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 48 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 28 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 13 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 5.3 | 23.8 | 20.9 | 13.2 | 9.3 | 7.7 | 6.3 | 5.3 | 3.8 | 2.4 | 1.3 | .5 | .2 | .1 | .0 | | | 87626 | 87626 | 87626 | 87626 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 4?4870429 | 6204647 | 70.8 | 20.136 | 87626 | | | | | | | |
| D. Bulb | 393211692 | 5752076 | 65.6 | 15.345 | 87628 | | 208.8 | 4728.1 | 3369.0 | 1594.2 | 116.1 | 8760 |
| Wet Bulb | 328179220 | 5220818 | 59.6 | 13.977 | 87626 | | 407.1 | 3576.9 | 1756.3 | 64.0 | | 8760 |
| Dew Point | 286250081 | 4795347 | 54.7 | 16.489 | 87626 | 1.9 | 1135.0 | 2801.3 | 831.4 | 4.1 | | 8760 |

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

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS)

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 44.3 | 45.2 | 54.2 | 60.0 | 66.7 | 72.2 | 74.9 | 74.3 | 71.6 | 59.9 | 51.8 | 45.8 | 60.1 |
| | S D | 11.745 | 10.415 | 9.530 | 6.947 | 5.268 | 3.743 | 2.738 | 2.659 | 4.659 | 7.386 | 10.213 | 10.621 | 13.691 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 899 | 930 | 10954 |
| 03-05 | MEAN | 42.7 | 43.3 | 52.3 | 57.8 | 64.7 | 70.4 | 73.5 | 72.9 | 70.1 | 57.9 | 50.0 | 44.2 | 58.4 |
| | S D | 12.252 | 10.843 | 10.402 | 7.886 | 5.782 | 4.062 | 2.601 | 2.678 | 4.835 | 7.938 | 10.740 | 11.238 | 14.030 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 929 | 900 | 930 | 900 | 930 | 10954 |
| 06-08 | MEAN | 42.3 | 43.3 | 53.3 | 60.8 | 68.8 | 74.7 | 77.1 | 75.9 | 72.2 | 59.6 | 50.8 | 44.4 | 60.4 |
| | S D | 12.384 | 10.701 | 10.411 | 7.668 | 5.870 | 4.896 | 3.834 | 3.788 | 5.456 | 7.970 | 10.747 | 11.190 | 15.281 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 48.6 | 52.1 | 62.0 | 70.7 | 77.7 | 83.4 | 85.3 | 84.6 | 80.9 | 70.8 | 60.9 | 52.8 | 69.2 |
| | S D | 11.591 | 10.828 | 9.852 | 7.105 | 5.949 | 4.971 | 4.447 | 4.038 | 6.377 | 7.493 | 9.825 | 9.893 | 15.282 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 12-14 | MEAN | 54.9 | 58.6 | 67.4 | 75.9 | 81.5 | 86.9 | 88.3 | 87.8 | 84.9 | 76.1 | 66.5 | 59.1 | 74.1 |
| | S D | 11.607 | 10.907 | 9.916 | 7.118 | 6.307 | 5.781 | 5.579 | 5.023 | 6.735 | 7.021 | 9.721 | 9.618 | 14.363 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 15-17 | MEAN | 55.1 | 59.3 | 67.7 | 75.9 | 81.1 | 85.7 | 86.4 | 86.1 | 83.4 | 74.9 | 64.9 | 58.1 | 73.3 |
| | S D | 11.471 | 10.460 | 9.715 | 6.890 | 6.250 | 6.371 | 6.563 | 5.877 | 7.084 | 6.978 | 9.509 | 9.374 | 13.954 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 49.5 | 52.8 | 61.7 | 68.9 | 75.0 | 80.0 | 81.0 | 80.2 | 77.0 | 67.2 | 57.8 | 51.7 | 67.0 |
| | S D | 11.096 | 9.633 | 8.990 | 6.419 | 5.624 | 5.567 | 5.149 | 4.599 | 5.775 | 6.603 | 9.102 | 9.231 | 13.705 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 926 | 10949 |
| 21-23 | MEAN | 46.2 | 48.4 | 57.2 | 63.2 | 69.8 | 75.1 | 77.0 | 76.4 | 73.4 | 62.6 | 54.0 | 48.0 | 62.7 |
| | S D | 11.222 | 9.708 | 8.921 | 6.063 | 4.784 | 4.058 | 3.300 | 2.969 | 4.942 | 6.869 | 9.628 | 9.803 | 13.422 |
| | TOTAL OBS | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 927 | 10949 |
| ALL HOURS | MEAN | 47.9 | 50.4 | 59.5 | 66.7 | 73.2 | 78.5 | 80.5 | 79.8 | 76.7 | 66.1 | 57.1 | 50.5 | 65.6 |
| | S D | 12.589 | 12.034 | 11.300 | 9.729 | 8.404 | 7.761 | 6.935 | 6.759 | 7.900 | 9.918 | 11.639 | 11.546 | 15.345 |
| | TOTAL OBS | 7440 | 6767 | 7440 | 7200 | 7440 | 7199 | 7439 | 7439 | 7199 | 7440 | 7193 | 7432 | 87628 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL 68-70,73-80

STATION STATION NAME YEARS

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 41.6 | 42.1 | 51.2 | 56.5 | 63.9 | 69.0 | 72.5 | 71.6 | 69.1 | 56.8 | 49.0 | 42.8 | 57.3 |
| | S D | 12.561 | 11.166 | 10.155 | 7.905 | 5.763 | 4.114 | 2.352 | 2.824 | 5.059 | 7.921 | 10.782 | 11.374 | 14.101 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 899 | 930 | 10954 |
| 03-05 | MEAN | 40.5 | 40.9 | 49.9 | 55.2 | 62.7 | 68.1 | 71.7 | 70.8 | 68.2 | 55.4 | 47.7 | 41.7 | 56.1 |
| | S D | 12.944 | 11.449 | 10.826 | 8.565 | 6.192 | 4.434 | 2.449 | 2.974 | 5.304 | 8.383 | 11.161 | 11.786 | 14.434 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 929 | 899 | 930 | 900 | 930 | 10953 |
| 06-08 | MEAN | 40.1 | 40.8 | 50.6 | 57.2 | 65.2 | 70.5 | 73.8 | 72.7 | 69.5 | 56.6 | 48.4 | 41.8 | 57.3 |
| | S D | 13.030 | 11.284 | 10.776 | 8.193 | 5.799 | 4.457 | 2.716 | 3.174 | 5.486 | 8.340 | 11.215 | 11.738 | 15.088 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 44.2 | 45.8 | 55.0 | 61.2 | 68.3 | 73.3 | 76.5 | 76.0 | 73.0 | 62.2 | 54.0 | 47.1 | 61.5 |
| | S D | 12.295 | 10.853 | 9.694 | 7.329 | 5.087 | 4.029 | 2.500 | 2.436 | 4.926 | 7.389 | 10.131 | 10.603 | 14.022 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 12-14 | MEAN | 47.5 | 48.9 | 56.9 | 62.5 | 68.8 | 73.4 | 76.7 | 76.2 | 73.6 | 63.7 | 56.2 | 50.1 | 62.9 |
| | S D | 11.651 | 10.226 | 8.930 | 6.706 | 4.705 | 3.878 | 2.558 | 2.509 | 4.449 | 6.592 | 9.546 | 10.038 | 12.798 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 15-17 | MEAN | 47.6 | 49.1 | 57.0 | 62.2 | 68.4 | 72.8 | 75.9 | 75.5 | 72.9 | 63.1 | 55.4 | 49.6 | 62.5 |
| | S D | 11.555 | 9.878 | 8.652 | 6.307 | 4.581 | 3.785 | 2.575 | 2.552 | 4.430 | 6.517 | 9.341 | 9.945 | 12.531 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 44.7 | 46.3 | 54.3 | 59.9 | 67.1 | 71.6 | 74.7 | 74.1 | 71.2 | 60.3 | 52.3 | 46.5 | 60.4 |
| | S D | 11.951 | 10.132 | 9.157 | 6.649 | 4.887 | 3.827 | 2.574 | 2.616 | 4.748 | 7.074 | 9.778 | 10.405 | 13.266 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 926 | 10949 |
| 21-23 | MEAN | 42.8 | 44.2 | 52.9 | 58.1 | 65.4 | 70.2 | 73.5 | 72.7 | 70.0 | 58.3 | 50.3 | 44.3 | 58.6 |
| | S D | 12.154 | 10.557 | 9.573 | 7.174 | 5.260 | 3.970 | 2.313 | 2.693 | 5.005 | 7.457 | 10.339 | 10.788 | 13.695 |
| | TOTAL OBS | 930 | 845 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 927 | 10949 |
| ALL HOURS | MEAN | 43.6 | 44.8 | 53.5 | 59.1 | 66.2 | 71.1 | 74.4 | 73.7 | 70.9 | 59.5 | 51.7 | 45.5 | 59.6 |
| | S D | 12.570 | 11.149 | 10.093 | 7.817 | 5.717 | 4.474 | 3.049 | 3.338 | 5.298 | 8.065 | 10.749 | 11.296 | 13.977 |
| | TOTAL OBS | 7440 | 6767 | 7440 | 7200 | 7440 | 7199 | 7439 | 7438 | 7198 | 7440 | 7193 | 7432 | 87626 |

USAFETAC FORM 0-89-5 (CLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

03850 FT RUCKER AL 68-70,73-80

STATION STATION NAME YEARS

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 37.4 | 37.7 | 48.0 | 53.5 | 62.1 | 67.3 | 71.4 | 70.3 | 67.8 | 54.2 | 46.0 | 38.6 | 54.6 |
| | S D | 15.801 | 14.007 | 12.345 | 9.875 | 6.977 | 5.117 | 2.619 | 3.444 | 5.750 | 9.319 | 12.794 | 13.963 | 16.153 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 929 | 930 | 900 | 930 | 899 | 930 | 10954 |
| 03-05 | MEAN | 36.7 | 37.0 | 47.3 | 52.9 | 61.4 | 66.7 | 70.8 | 69.7 | 67.1 | 53.3 | 45.1 | 38.0 | 53.9 |
| | S D | 15.965 | 14.020 | 12.619 | 10.044 | 7.138 | 5.185 | 2.675 | 3.503 | 5.982 | 9.518 | 12.848 | 14.058 | 16.266 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 899 | 930 | 929 | 899 | 930 | 900 | 930 | 10953 |
| 06-08 | MEAN | 36.4 | 36.9 | 47.7 | 54.0 | 63.0 | 68.3 | 72.3 | 71.2 | 68.0 | 54.0 | 45.6 | 38.2 | 54.7 |
| | S D | 15.931 | 13.851 | 12.628 | 10.010 | 7.002 | 5.353 | 2.925 | 3.523 | 6.156 | 9.686 | 12.968 | 14.019 | 16.732 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 930 | 10955 |
| 09-11 | MEAN | 37.9 | 37.8 | 48.2 | 53.6 | 62.7 | 68.2 | 72.7 | 72.2 | 69.2 | 55.8 | 47.3 | 40.0 | 55.6 |
| | S D | 16.570 | 14.844 | 13.265 | 11.088 | 7.685 | 5.805 | 3.397 | 3.420 | 5.992 | 10.266 | 13.908 | 14.666 | 16.853 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 900 | 930 | 10955 |
| 12-14 | MEAN | 38.1 | 37.5 | 47.4 | 52.3 | 61.2 | 66.6 | 71.7 | 71.0 | 68.1 | 54.7 | 46.4 | 39.6 | 54.6 |
| | S D | 16.935 | 15.200 | 13.250 | 11.050 | 7.744 | 6.064 | 3.735 | 3.873 | 5.902 | 10.230 | 14.512 | 15.564 | 16.743 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 15-17 | MEAN | 38.1 | 36.9 | 47.3 | 51.6 | 60.7 | 66.1 | 71.3 | 70.7 | 67.7 | 54.4 | 46.1 | 39.6 | 54.3 |
| | S D | 16.979 | 15.218 | 13.343 | 11.038 | 7.955 | 6.242 | 3.673 | 3.990 | 5.946 | 10.134 | 14.100 | 15.398 | 16.676 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 38.1 | 38.0 | 48.2 | 52.7 | 62.1 | 67.2 | 71.9 | 71.2 | 68.3 | 55.0 | 46.6 | 39.8 | 55.0 |
| | S D | 16.262 | 14.372 | 12.818 | 10.246 | 7.344 | 5.632 | 3.230 | 3.578 | 5.722 | 9.504 | 13.049 | 14.403 | 16.304 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 926 | 10949 |
| 21-23 | MEAN | 37.7 | 38.4 | 48.6 | 53.8 | 62.6 | 67.5 | 71.8 | 70.9 | 68.1 | 54.7 | 46.4 | 39.3 | 55.1 |
| | S D | 15.810 | 13.9[illegible] | 12.323 | 9.725 | 6.965 | 5.315 | 2.732 | [illegible].469 | 5.824 | 9.181 | 12.830 | 13.939 | 16.117 |
| | TOTAL OBS | 930 | 8[illegible] | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 897 | 927 | 10949 |
| ALL HOURS | MEAN | 37.5 | 37.5 | 47.8 | 53.1 | 62.0 | 67.2 | 71.7 | 70.9 | 68.0 | 54.5 | 46.2 | 39.1 | 54.7 |
| | S D | 16.293 | 14.441 | 12.832 | 10.423 | 7.396 | 5.[illegible]3 | 3.197 | 3.667 | 5.[illegible] | 9.757 | 13.400 | 14.527 | 16.489 |
| | TOTAL OBS | 7440 | 6767 | 7440 | 7200 | 7440 | 7199 | 7439 | 7438 | 7198 | 7440 | 7193 | 7432 | 87626 |

USAFETAC FORM [illegible] 0 69 5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| C3850 | FT RUCKER AL | 69-70,73-80 | JAN |
|---|---|---|---|
| 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% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.0 | 92.7 | 81.4 | 66.1 | 51.6 | 27.6 | 77.9 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.4 | 95.4 | 84.9 | 72.0 | 56.7 | 32.3 | 79.9 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.5 | 94.7 | 84.8 | 73.3 | 57.1 | 31.9 | 8 .1 | 930 |
| | 09-11 | 100.0 | 99.9 | 98.3 | 89.0 | 76.9 | 62.4 | 49.0 | 36.3 | 18.0 | 68.9 | 930 |
| | 12-14 | 100.0 | 98.2 | 86.2 | 71.4 | 55.8 | 42.0 | 29.6 | 19.5 | 9.5 | 57.0 | 930 |
| | 15-17 | 100.0 | 98.6 | 84.4 | 71.4 | 54.8 | 40.5 | 29.8 | 19.6 | 8.8 | 56.5 | 930 |
| | 18-20 | 100.0 | 100.0 | 98.8 | 88.4 | 73.8 | 60.1 | 45.5 | 30.5 | 13.9 | 66.9 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 96.8 | 85.9 | 72.9 | 58.7 | 40.9 | 20.4 | 73.6 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 96.0 | 89.4 | 78.8 | 66.1 | 53.0 | 39.0 | 20.3 | 70.1 | 7440 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) FEB (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 | 100.0 | 100.0 | 98.8 | 91.7 | 80.0 | 62.9 | 41.8 | 23.5 | 75.9 | 846 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.2 | 94.3 | 87.0 | 71.5 | 51.3 | 28.7 | 79.2 | 846 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 95.7 | 87.2 | 69.9 | 47.3 | 27.0 | 78.8 | 846 |
| | 09-11 | 100.0 | 99.9 | 94.6 | 81.6 | 64.5 | 47.9 | 32.6 | 22.2 | 12.4 | 61.3 | 846 |
| | 12-14 | 100.0 | 97.6 | 76.0 | 56.9 | 39.7 | 29.0 | 19.5 | 13.5 | 5.0 | 49.4 | 846 |
| | 15-17 | 100.0 | 96.5 | 70.3 | 49.2 | 38.7 | 27.5 | 19.9 | 13.2 | 4.8 | 47.7 | 846 |
| | 18-20 | 100.0 | 100.0 | 95.2 | 79.1 | 60.9 | 45.9 | 33.8 | 20.3 | 8.2 | 60.1 | 846 |
| | 21-23 | 100.0 | 100.0 | 99.5 | 96.1 | 82.0 | 66.5 | 49.6 | 32.9 | 15.6 | 70.0 | 845 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.3 | 92.0 | 82.6 | 70.9 | 58.9 | 45.0 | 30.3 | 15.7 | 65.3 | 6767 |

USAFETAC FORM JUL 44 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) MAR (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 96.6 | 86.2 | 72.7 | 57.2 | 29.9 | 80.4 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 91.5 | 82.4 | 65.4 | 38.5 | 83.8 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 96.6 | 89.5 | 79.2 | 60.1 | 33.0 | 82.1 | 930 |
| | 09-11 | 100.0 | 99.8 | 95.8 | 84.5 | 70.0 | 53.9 | 38.3 | 24.5 | 10.3 | 63.6 | 930 |
| | 12-14 | 100.0 | 99.2 | 82.8 | 64.7 | 48.1 | 31.9 | 21.9 | 14.5 | 6.0 | 52.6 | 930 |
| | 15-17 | 100.0 | 98.6 | 79.2 | 61.4 | 45.6 | 33.5 | 23.5 | 16.7 | 7.2 | 52.3 | 930 |
| | 18-20 | 100.0 | 99.9 | 97.0 | 84.8 | 67.0 | 54.0 | 40.8 | 28.0 | 12.2 | 64.4 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.3 | 87.6 | 74.4 | 59.7 | 44.6 | 20.6 | 74.6 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 94.3 | 86.5 | 76.2 | 64.4 | 52.3 | 38.9 | 19.7 | 69.2 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) APR (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% | | |
| APR | 00-02 | 100.0 | 100.0 | 99.9 | 99.7 | 97.9 | 90.9 | 72.3 | 52.2 | 27.2 | 80.1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 98.3 | 96.7 | 86.6 | 62.3 | 32.6 | 84.2 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 95.7 | 88.6 | 73.2 | 50.3 | 25.0 | 79.3 | 900 |
| | 09-11 | 100.0 | 100.0 | 94.2 | 78.8 | 59.6 | 40.3 | 25.0 | 13.6 | 5.3 | 57.3 | 900 |
| | 12-14 | 100.0 | 99.3 | 80.1 | 53.9 | 34.6 | 18.6 | 12.8 | 7.8 | 3.7 | 46.7 | 900 |
| | 15-17 | 100.0 | 98.6 | 75.8 | 48.7 | 32.0 | 20.2 | 13.8 | 9.4 | 5.4 | 46.1 | 900 |
| | 18-20 | 100.0 | 99.9 | 97.4 | 81.3 | 59.2 | 41.1 | 27.4 | 17.8 | 8.4 | 59.0 | 900 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.8 | 91.4 | 73.2 | 54.3 | 35.6 | 15.8 | 72.8 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 93.4 | 82.6 | 71.1 | 58.7 | 45.7 | 31.1 | 15.4 | 65.7 | 7200 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) MAY (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 96.9 | 89.1 | 72.2 | 34.8 | 85.5 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.7 | 95.4 | 82.8 | 46.7 | 89.1 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 98.0 | 93.4 | 82.2 | 62.6 | 27.5 | 82.3 | 930 |
| | 09-11 | 100.0 | 100.0 | 97.7 | 89.5 | 74.2 | 50.8 | 32.3 | 16.9 | 4.6 | 62.1 | 930 |
| | 12-14 | 100.0 | 100.0 | 92.2 | 72.8 | 47.6 | 27.5 | 16.2 | 8.4 | 4.1 | 52.6 | 930 |
| | 15-17 | 100.0 | 100.0 | 92.6 | 68.5 | 44.3 | 29.8 | 19.5 | 11.9 | 3.9 | 52.8 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 93.9 | 78.3 | 59.2 | 42.0 | 25.8 | 9.1 | 66.4 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 96.9 | 88.7 | 73.4 | 51.6 | 19.4 | 76.9 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.7 | 90.5 | 79.8 | 68.1 | 56.3 | 41.5 | 18.8 | 71.2 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (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 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 96.7 | 91.6 | 76.1 | 25.2 | 84.9 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.2 | 96.1 | 87.2 | 39.0 | 88.4 | 899 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.6 | 94.7 | 82.7 | 56.8 | 18.7 | 80.9 | 900 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 93.9 | 81.2 | 50.7 | 22.9 | 7.1 | 1.2 | 61.3 | 900 |
| | 12-14 | 100.0 | 100.0 | 95.7 | 82.6 | 51.8 | 21.6 | 11.6 | 6.0 | 1.7 | 52.6 | 900 |
| | 15-17 | 100.0 | 100.0 | 94.7 | 78.4 | 51.3 | 31.0 | 19.4 | 9.4 | 2.3 | 54.4 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 94.9 | 83.0 | 62.2 | 42.7 | 23.8 | 5.9 | 66.8 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.8 | 97.0 | 90.8 | 76.4 | 49.2 | 11.6 | 78.0 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.6 | 93.7 | 82.8 | 68.2 | 55.4 | 39.5 | 13.2 | 70.9 | 7199 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

C3850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) JUL (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 88.6 | 35.8 | 88.9 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.0 | 47.4 | 91.3 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 91.7 | 73.0 | 26.7 | 85.2 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.6 | 91.5 | 68.5 | 37.7 | 14.0 | 2.8 | 66.9 | 930 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 94.2 | 65.7 | 42.4 | 21.3 | 10.4 | 2.2 | 59.3 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 92.9 | 70.0 | 51.9 | 34.3 | 18.2 | 5.3 | 62.8 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.6 | 95.1 | 82.7 | 62.3 | 39.4 | 12.3 | 74.9 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.4 | 91.8 | 68.3 | 24.0 | 84.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 98.3 | 90.3 | 80.4 | 67.2 | 51.1 | 19.6 | 76.7 | 7439 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 03850 | FT RUCKER AL | 69-70,73-80 | AUG |
|---|---|---|---|
| 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% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 99.4 | 97.4 | 86.0 | 28.2 | 87.2 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.6 | 94.3 | 36.7 | 89.5 | 929 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 94.3 | 75.2 | 24.9 | 85.5 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 93.3 | 71.8 | 35.8 | 13.7 | 2.5 | 67.0 | 929 |
| | 12-14 | 100.0 | 100.0 | 99.5 | 94.0 | 71.5 | 37.8 | 19.1 | 8.9 | 2.2 | 58.9 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.1 | 93.7 | 72.5 | 48.7 | 31.5 | 16.5 | 3.0 | 62.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.2 | 95.4 | 84.0 | 65.5 | 39.9 | 9.5 | 74.9 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 97.6 | 91.7 | 68.2 | 19.1 | 83.3 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 98.3 | 91.5 | 79.8 | 66.7 | 50.3 | 15.8 | 76.1 | 7438 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) SEP (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 95.3 | 83.6 | 39.6 | 87.9 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.3 | 91.0 | 49.7 | 90.2 | 899 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.6 | 93.1 | 78.1 | 37.6 | 86.9 | 899 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 98.7 | 90.3 | 70.0 | 43.0 | 21.9 | 6.0 | 68.7 | 900 |
| | 12-14 | 100.0 | 100.0 | 99.0 | 91.6 | 69.7 | 37.7 | 19.4 | 10.9 | 4.6 | 58.9 | 900 |
| | 15-17 | 100.0 | 100.0 | 99.0 | 91.0 | 70.9 | 44.8 | 28.0 | 17.4 | 6.7 | 61.3 | 900 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 96.0 | 84.2 | 63.4 | 40.1 | 14.0 | 75.5 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 96.9 | 88.6 | 66.3 | 26.0 | 83.7 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 97.6 | 90.8 | 79.1 | 66.0 | 51.2 | 23.0 | 76.6 | 7198 |

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 03850 | FT RUCKER AL | 69-70,73-80 | OCT |

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 94.3 | 83.8 | 63.0 | 21.0 | 81.9 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.7 | 91.1 | 72.5 | 28.4 | 84.8 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 93.5 | 83.9 | 62.9 | 23.3 | 82.2 | 930 |
| | 09-11 | 100.0 | 100.0 | 98.2 | 87.1 | 69.6 | 48.4 | 29.2 | 16.1 | 4.3 | 61.0 | 930 |
| | 12-14 | 100.0 | 99.9 | 89.5 | 66.2 | 40.9 | 20.6 | 13.4 | 8.0 | 2.7 | 49.9 | 930 |
| | 15-17 | 100.0 | 99.9 | 90.9 | 69.1 | 42.9 | 25.2 | 16.8 | 10.4 | 2.9 | 51.5 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.6 | 96.5 | 84.1 | 61.7 | 36.6 | 20.9 | 5.6 | 66.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 96.5 | 88.6 | 68.3 | 38.7 | 12.3 | 76.2 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 97.3 | 89.8 | 78.9 | 66.1 | 52.8 | 36.6 | 12.6 | 69.2 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

03850 (STATION) FT RUCKER AL (STATION NAME) 69-70,73-80 (PERIOD) NOV (MONTH)

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

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.4 | 97.9 | 90.9 | 77.4 | 58.5 | 26.9 | 81.1 | 899 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.8 | 94.8 | 84.8 | 63.7 | 30.9 | 83.3 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 94.0 | 81.8 | 61.8 | 32.7 | 82.7 | 900 |
| | 09-11 | 100.0 | 100.0 | 96.3 | 85.1 | 70.9 | 54.7 | 39.3 | 24.7 | 9.2 | 63.6 | 900 |
| | 12-14 | 100.0 | 98.1 | 84.9 | 64.8 | 46.7 | 30.7 | 20.6 | 11.3 | 3.8 | 51.6 | 900 |
| | 15-17 | 100.0 | 98.1 | 88.0 | 69.7 | 50.7 | 34.6 | 23.4 | 13.2 | 5.3 | 53.9 | 900 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 93.9 | 80.7 | 64.7 | 45.6 | 27.2 | 8.5 | 67.9 | 897 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.2 | 93.6 | 83.5 | 64.7 | 43.8 | 17.8 | 76.3 | 897 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.5 | 96.1 | 89.0 | 79.8 | 68.5 | 54.7 | 38.0 | 16.9 | 70.1 | 7193 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 03850 | FT RUCKER AL | 68-70,73-79 | DEC |
|---|---|---|---|
| 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% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.1 | 96.0 | 83.4 | 64.0 | 45.1 | 22.4 | 76.8 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 98.4 | 88.9 | 71.3 | 51.3 | 25.1 | 79.3 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 89.0 | 72.9 | 51.3 | 24.4 | 79.4 | 930 |
| | 09-11 | 100.0 | 100.0 | 97.6 | 85.3 | 70.1 | 53.9 | 40.1 | 24.8 | 13.4 | 64.3 | 930 |
| | 12-14 | 100.0 | 98.6 | 80.8 | 61.4 | 46.3 | 34.7 | 22.5 | 14.6 | 7.3 | 52.3 | 929 |
| | 15-17 | 100.0 | 98.5 | 84.. | 64.0 | 49.8 | 37.1 | 25.7 | 17.4 | 7.0 | 54.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.1 | 90.9 | 73.4 | 56.3 | 41.0 | 29.4 | 9.4 | 65.7 | 926 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 97.8 | 91.2 | 73.8 | 53.8 | 36.7 | 15.7 | 72.7 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 95.2 | 87.3 | 77.9 | 64.6 | 48.9 | 33.8 | 15.6 | 68.1 | 7432 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 03850 | FT RUCKER AL | 68-70,73-80 | ALL |
|---|---|---|---|
| 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% | | |
| JAN | ALL | 100.0 | 99.6 | 96.0 | 89.4 | 78.8 | 66.1 | 53.0 | 39.0 | 20.3 | 70.1 | 7440 |
| FEB | | 100.0 | 99.3 | 92.0 | 82.6 | 70.9 | 58.9 | 45.0 | 30.3 | 15.7 | 65.3 | 6767 |
| MAR | | 100.0 | 99.7 | 94.3 | 86.5 | 76.2 | 64.4 | 52.3 | 38.9 | 19.7 | 69.2 | 7440 |
| APR | | 100.0 | 99.7 | 93.4 | 82.6 | 71.1 | 58.7 | 45.7 | 31.1 | 15.4 | 65.7 | 7200 |
| MAY | | 100.0 | 100.0 | 97.7 | 90.5 | 79.8 | 68.1 | 56.3 | 41.5 | 18.8 | 71.2 | 7440 |
| JUN | | 100.0 | 100.0 | 98.6 | 93.7 | 82.8 | 68.2 | 55.4 | 39.5 | 13.2 | 70.9 | 7199 |
| JUL | | 100.0 | 100.0 | 100.0 | 98.3 | 90.3 | 80.4 | 67.2 | 51.1 | 19.6 | 76.7 | 7439 |
| AUG | | 100.0 | 100.0 | 99.8 | 98.3 | 91.5 | 79.8 | 66.7 | 50.3 | 15.8 | 76.1 | 7438 |
| SEP | | 100.0 | 100.0 | 99.7 | 97.6 | 90.8 | 79.1 | 66.0 | 51.2 | 23.0 | 76.6 | 7198 |
| OCT | | 100.0 | 100.0 | 97.3 | 89.8 | 78.9 | 66.1 | 52.8 | 36.6 | 12.6 | 69.2 | 7440 |
| NOV | | 100.0 | 99.5 | 96.1 | 89.0 | 79.8 | 68.5 | 54.7 | 38.0 | 16.9 | 70.1 | 7193 |
| DEC | | 100.0 | 99.6 | 95.2 | 87.3 | 77.9 | 64.6 | 48.9 | 33.8 | 15.6 | 68.1 | 7432 |
| TOTALS | | 100.0 | 99.8 | 96.7 | 90.5 | 80.7 | 68.6 | 55.3 | 40.1 | 17.2 | 70.8 | 87626 |

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

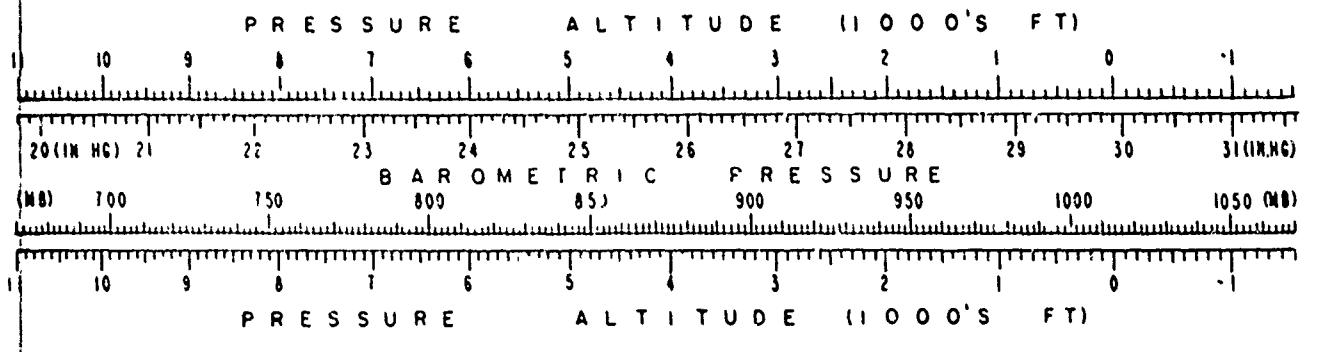
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.






74 24967

GLOBAL CLIMATOLOGY BRANCH
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# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

03850 — STATION
FT RUCKER AL — STATION NAME
68-70,73-80 — YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 29.802 | 29.788 | 29.712 | 29.710 | 29.657 | 29.680 | 29.702 | 29.707 | 29.682 | 29.733 | 29.789 | 29.789 | 29.729 |
| | S D | .180 | .165 | .163 | .143 | .109 | .087 | .074 | .079 | .089 | .116 | .138 | .169 | .139 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 |
| 03 | MEAN | 29.798 | 29.774 | 29.694 | 29.693 | 29.643 | 29.667 | 29.685 | 29.690 | 29.666 | 29.723 | 29.778 | 29.784 | 29.716 |
| | S D | .182 | .168 | .164 | .147 | .112 | .087 | .074 | .079 | .089 | .119 | .141 | .170 | .142 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 309 | 3651 |
| 06 | MEAN | 29.811 | 29.797 | 29.723 | 29.730 | 29.679 | 29.701 | 29.718 | 29.723 | 29.693 | 29.754 | 29.801 | 29.795 | 29.743 |
| | S D | .184 | .172 | .167 | .150 | .116 | .087 | .076 | .081 | .094 | .120 | .145 | .176 | .143 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 09 | MEAN | 29.854 | 29.835 | 29.759 | 29.756 | 29.701 | 29.719 | 29.739 | 29.748 | 29.718 | 29.785 | 29.836 | 29.836 | 29.774 |
| | S D | .187 | .172 | .170 | .155 | .116 | .088 | .078 | .081 | .104 | .123 | .149 | .170 | .148 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 12 | MEAN | 29.813 | 29.803 | 29.728 | 29.725 | 29.673 | 29.695 | 29.716 | 29.722 | 29.688 | 29.741 | 29.788 | 29.788 | 29.740 |
| | S D | .184 | .170 | .165 | .150 | .113 | .088 | .076 | .081 | .092 | .122 | .145 | .177 | .143 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 15 | MEAN | 29.770 | 29.744 | 29.671 | 29.671 | 29.626 | 29.650 | 29.672 | 29.673 | 29.639 | 29.696 | 29.747 | 29.748 | 29.692 |
| | S D | .184 | .165 | .159 | .147 | .110 | .088 | .076 | .078 | .087 | .118 | .139 | .171 | .140 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 18 | MEAN | 29.792 | 29.759 | 29.681 | 29.674 | 29.625 | 29.649 | 29.671 | 29.678 | 29.650 | 29.713 | 29.770 | 29.773 | 29.703 |
| | S D | .183 | .162 | .161 | .142 | .107 | .088 | .074 | .076 | .086 | .115 | .136 | .168 | .141 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 308 | 3649 |
| 21 | MEAN | 29.813 | 29.788 | 29.715 | 29.712 | 29.662 | 29.685 | 29.709 | 29.718 | 29.688 | 29.745 | 29.794 | 29.795 | 29.735 |
| | S D | .185 | .163 | .161 | .142 | .109 | .086 | .074 | .077 | .087 | .114 | .139 | .165 | .139 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 309 | 3650 |
| ALL HOURS | MEAN | 29.807 | 29.786 | 29.710 | 29.709 | 29.658 | 29.681 | 29.701 | 29.708 | 29.678 | 29.736 | 29.788 | 29.788 | 29.729 |
| | S D | .185 | .169 | .166 | .149 | .114 | .090 | .078 | .083 | .094 | .121 | .143 | .173 | .144 |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2480 | 2400 | 2480 | 2480 | 2400 | 2480 | 2397 | 2476 | 29209 |

USAFETAC FORM 0-8-9-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

03850 (STATION) FT RUCKER AL (STATION NAME) 68-70,73-80 (YEARS)

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00 | MEAN | 1020.5 | 1019.9 | 1017.2 | 1017.1 | 1015.2 | 1015.9 | 1016.6 | 1016.8 | 1016.0 | 1017.9 | 1019.8 | 1020.0 | 1017.7 |
| | S D | 6.237 | 5.696 | 5.591 | 4.897 | 3.778 | 2.926 | 2.522 | 2.628 | 3.002 | 3.961 | 4.767 | 5.822 | 4.832 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 310 | 3651 |
| 03 | MEAN | 1020.3 | 1019.4 | 1016.6 | 1016.5 | 1014.7 | 1015.5 | 1016.0 | 1016.2 | 1015.4 | 1017.5 | 1019.5 | 1019.8 | 1017.3 |
| | S D | 6.324 | 5.803 | 5.637 | 5.016 | 3.880 | 2.947 | 2.509 | 2.646 | 3.044 | 4.066 | 4.877 | 5.865 | 4.937 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 06 | MEAN | 1020.8 | 1020.2 | 1017.6 | 1017.8 | 1016.0 | 1016.6 | 1017.2 | 1017.4 | 1016.4 | 1018.6 | 1020.3 | 1020.2 | 1018.2 |
| | S D | 6.369 | 5.928 | 5.736 | 5.186 | 3.997 | 2.969 | 2.573 | 2.691 | 3.225 | 4.125 | 5.018 | 6.091 | 4.954 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 09 | MEAN | 1022.3 | 1021.6 | 1018.8 | 1018.6 | 1016.7 | 1017.2 | 1017.9 | 1018.2 | 1017.2 | 1019.6 | 1021.5 | 1021.6 | 1019.3 |
| | S D | 6.482 | 5.969 | 5.831 | 5.290 | 4.006 | 2.995 | 2.649 | 2.726 | 3.527 | 4.200 | 5.148 | 6.131 | 5.123 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 12 | MEAN | 1020.8 | 1020.4 | 1017.8 | 1017.6 | 1015.7 | 1016.4 | 1017.1 | 1017.3 | 1016.2 | 1018.1 | 1019.[illegible] | 1020.0 | 1018.1 |
| | S D | 6.370 | 5.884 | 5.658 | 5.136 | 3.889 | 2.967 | 2.582 | 2.723 | 3.126 | 4.193 | 5.003 | 6.041 | 4.940 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 15 | MEAN | 1019.3 | 1018.4 | 1015.8 | 1015.7 | 1014.1 | 1014.9 | 1015.6 | 1015.7 | 1014.5 | 1016.6 | 1018.4 | 1018.6 | 1016.5 |
| | S D | 6.390 | 5.699 | 5.469 | 5.012 | 3.813 | 2.995 | 2.574 | 2.635 | 3.036 | 4.051 | 4.787 | 5.871 | 4.845 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 299 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 18 | MEAN | 1020.1 | 1018.9 | 1016.2 | 1015.8 | 1014.1 | 1014.9 | 1015.6 | 1015.8 | 1014.9 | 1017.2 | 1019.2 | 1019.5 | 1016.8 |
| | S D | 6.339 | 5.568 | 5.548 | 4.864 | 3.664 | 3.000 | 2.508 | 2.561 | 2.958 | 3.970 | 4.723 | 5.776 | 4.887 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 308 | 3649 |
| 21 | MEAN | 1020.8 | 1020.0 | 1017.3 | 1017.1 | 1015.4 | 1016.1 | 1016.8 | 1017.2 | 1016.2 | 1018.3 | 1020.0 | 1020.2 | 1017.9 |
| | S D | 6.395 | 5.594 | 5.514 | 4.840 | 3.750 | 2.939 | 2.523 | 2.584 | 2.956 | 3.921 | 4.810 | 5.706 | 4.816 |
| | TOTAL OBS | 310 | 281 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 299 | 309 | 3649 |
| ALL HOURS | MEAN | 1020.6 | 1019.9 | 1017.2 | 1017.0 | 1015.2 | 1015.9 | 1016.6 | 1016.8 | 1015.9 | 1018.0 | 1019.8 | 1020.0 | 1017.7 |
| | S D | 6.403 | 5.830 | 5.688 | 5.109 | 3.935 | 3.065 | 2.663 | 2.769 | 3.215 | 4.146 | 4.957 | 5.965 | 4.985 |
| | TOTAL OBS | 2480 | 2255 | 2480 | 2400 | 2480 | 2399 | 2480 | 2480 | 2400 | 2480 | 2397 | 2477 | 29208 |