AD A074674

USAFETAC/DS-79/055

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

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

DOVER AFB DELAWARE WBAN# 13707
N 39 07 W 075 27 FLD ELEV 28 FT KDOV WMO#

PARTS A-F

POR FROM HOURLY OBS: DEC 42-SEP 46, SEP 50-DEC 72
POR FROM DAILY OBS: DEC 42-SEP 46, SEP 50-DEC 72

AUG 07 1974

FEDERAL BUILDING
ASHEVILLE, N. C.

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

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DATA PROCESSING SHEET

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INVENTORY

DDC ACCESSION NUMBER

AD A074674

USAFETAC/DS-79/055
DOCUMENT IDENTIFICATION

DISTRIBUTION STATEMENT A
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| REPORT DOCUMENTATION PAGE | | READ INSTRUCTIONS BEFORE COMPLETING FORM |
|---|---|---|
| 1 REPORT NUMBER<br>USAFETAC/DS-79/055 | 2 GOVT ACCESSION NO. | 3 RECIPIENT'S CATALOG NUMBER |
| 4 TITLE (and Subtitle)<br>Revised Uniform Summary of Surface Weather Observations (RUSSWO)- Dover AFB, Dover, Delaware | | 5 TYPE OF REPORT & PERIOD COVERED<br>Final rept.<br>6 PERFORMING ORG REPORT NUMBER |
| 7 AUTHOR(s) | | 8 CONTRACT OR GRANT NUMBER(s) |
| 9 PERFORMING ORGANIZATION NAME AND ADDRESS<br>USAFETAC/OL-A<br>Air Force Environmental Technical Appl. Center<br>Scott AFB IL 62225 | | 10 PROGRAM ELEMENT, PROJECT TASK AREA & WORK UNIT NUMBERS |
| 11 CONTROLLING OFFICE NAME AND ADDRESS<br>USAFETAC/CBD<br>Air Weather Service (MAC)<br>Scott AFB IL 62225 | | 12 REPORT DATE<br>7 Aug 74<br>13 NUMBER OF PAGES<br>p. |
| 14 MONITORING AGENCY NAME & ADDRESS(If different from Controlling Office) | | 15 SECURITY CLASS (of this report)<br>UNCLASSIFIED<br>15a DECLASSIFICATION/DOWNGRADING SCHEDULE |

16 DISTRIBUTION STATEMENT (of this Report)

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

18 SUPPLEMENTARY NOTES

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

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

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

This report is a six-part statistical summary of surface weather observations for Dover AFB, Dover, Delaware
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)

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

* Delaware * Dover AFB DE

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

THE EXTREME VALUES COULD CONTAIN SUSPECT OR QUESTIONABLE DATA. SUCH CASES USUALLY APPEAR IN THE TABULATIONS AS A PERCENTAGE FREQUENCY OF ".0", WHICH USUALLY INDICATES ONLY ONE OCCURRENCE. THESE MAY OR MAY NOT BE COMPLETELY VALID, BUT THE USER SHOULD NOT DISREGARD THEM ENTIRELY. OBVIOUS ERRORS OR IMPOSSIBLE CONDITIONS HAVE BEEN LINED THROUGH IN BLACK INK.

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# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

## DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

## DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA
PART B PRECIPITATION
SNOWFALL
SNOW DEPTH
PARTC SURFACE WINDS
PART D CEILING VERSUS VISIBILITY
SKYCOVER
PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV -
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY
PART F STATION PRESSURE
SEA LEVEL PRESSURE

## STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

## MISSING HOUR GROUPS

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

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



S74 29958

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WBAN NUMBER |
|---|---|---|---|---|---|---|
| 13707 | DOVER AFB DELAWARE | N 39 07 | W 075 27 | 38 | KDOV | - |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | GES FES DA |
|---|---|---|---|---|---|---|---|---|---|
| | | | FROM | TO | | | STATION (FT) | BAROMETER | |
| 1 | Dover Air-Sub Base, Delaware | AAF | Dec 42 | Apr 43 | N 39 08 | W 075 28 | 21 | 23 | 24 |
| 2 | Dover Airdrome, Delaware | Same | May 43 | Sep 46 | Same | Same | Same | Same | 24 |
| 3 | Dover AFB, Delaware | AFB | Jul 49 | Sep 49 | Same | Same | Same | Same | 8 |
| 4 | Same | Same | Sep 50 | Feb 55 | Same | Same | 38 | 27 | 24 |
| 5 | Same | Same | Mar 55 | Feb 58 | Same | Same | Same | 32 | 24 |
| 6 | Same | Same | Mar 58 | Feb 64 | Same | Same | Same | 38 | 24 |
| 7 | Same | Same | Mar 64 | Feb 69 | Same | Same | Same | 24 | 24 |
| 8 | Same | Same | Mar 69 | Dec 72 | N 39 07 | W 075 27 | Same | Same | 24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Dec 42to Sep 46 | Located W wing of Operations Bldg. | Selsyn | ML-144A | 74 Ft | |
| 2 | Jul 49to Sep 49 | Not available. | N/A | N/A | N/A | |
| 3 | Sep 50to Feb 55 | Located on a Platform beside ROS. | Selsyn | ML-144A | 30 Ft | |
| 4 | Mar 55to Feb 56 | 1.Located on Control Tower.<br>2.Located at the ROS. | Selsyn<br>AN/GMQ-11 | ML-144A<br>RO-2 | 50 Ft<br>30 Ft | |
| 5 | Mar 56to Feb 57 | Located at approach end of Rnwy 01/19. | AN/GMQ-11 | RO-2 | 40 Ft | |
| 6 | Mar 57to Feb 58 | Located 200 ft E of Rnwy 01/19. | Same | Same | 15 Ft | |

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 7 | Mar 58to Feb 63 | Located 700 ft NW of ROS along side Rnwy 19. | Same | Same | Same | |
| 8 | Mar 63to Feb 69 | Same | Same | Same | 13 Ft | |
| 9 | Mar 69to Jun 70 | Same | Same | RO-362 | Same | |
| 10 | Jul 70to Dec 72 | 1.Located 600 ft E of centerline of Rnwy 19 end of 01/19.<br>2.Located 1130 ft E of centerline of Rnwy 01 end of 01/19. | AN/GMQ-20 | RO-362 | 13 Ft<br>Same | |

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A

# PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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



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# WEATHER CONDITIONS

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-46,50-72 YEARS | ALL MONTH

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | ALL | .0 | 8.8 | .7 | 4.2 | .0 | 13.3 | 17.1 | 17.2 | .6 | .0 | 32.6 | 19204 |
| FEB | | .0 | 10.0 | .3 | 4.0 | | 13.6 | 17.7 | 19.0 | .4 | .0 | 34.4 | 17499 |
| MAR | | .1 | 11.3 | .0 | 2.6 | | 13.4 | 16.7 | 14.2 | .4 | .0 | 29.6 | 19254 |
| APR | | .5 | 11.8 | .0 | .3 | .0 | 12.1 | 15.0 | 11.7 | | .1 | 25.4 | 18567 |
| MAY | | .9 | 10.1 | | | | 10.1 | 14.6 | 12.4 | .0 | .1 | 25.7 | 19232 |
| JUN | | 1.3 | 7.1 | | | .0 | 7.1 | 13.8 | 21.4 | | .0 | 32.2 | 18341 |
| JUL | | 1.7 | 6.1 | | | | 6.1 | 14.4 | 27.0 | | .0 | 38.3 | 19170 |
| AUG | | 1.5 | 5.8 | | | | 5.8 | 16.2 | 28.9 | | .1 | 41.5 | 19271 |
| SEP | | .6 | 7.3 | | | | 7.3 | 17.1 | 21.0 | | | 34.8 | 19173 |
| OCT | | .2 | 7.2 | | .0 | | 7.3 | 16.9 | 17.4 | | .0 | 31.4 | 19238 |
| NOV | | .1 | 9.4 | | .6 | .0 | 9.9 | 15.2 | 16.6 | .0 | | 29.2 | 18638 |
| DEC | | .0 | 9.8 | .2 | 2.5 | | 12.2 | 18.0 | 17.7 | .3 | .0 | 34.2 | 19958 |
| TOTALS | | .6 | 8.7 | .1 | 1.2 | .0 | 9.9 | 16.1 | 18.7 | .1 | .0 | 32.4 | 227545 |

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# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | .0 | 9.8 | 1.0 | 4.0 | | 14.4 | 18.0 | 14.8 | .8 | | 31.6 | 2396 |
| | 03-05 | .0 | 9.2 | 1.4 | 4.3 | | 14.4 | 20.5 | 14.7 | .9 | | 33.7 | 2402 |
| | 06-08 | .0 | 9.5 | 1.1 | 4.7 | | 14.6 | 22.8 | 17.6 | .3 | | 37.6 | 2405 |
| | 09-11 | | 8.9 | .6 | 3.5 | .0 | 12.9 | 19.1 | 21.1 | .5 | .0 | 37.7 | 2402 |
| | 12-14 | .0 | 9.0 | .3 | 3.5 | .1 | 12.6 | 13.0 | 19.2 | .5 | .1 | 30.6 | 2401 |
| | 15-17 | .1 | 7.0 | .2 | 4.3 | | 12.0 | 12.9 | 10.7 | .4 | .2 | 30.3 | 2404 |
| | 18-20 | .1 | 7.7 | .6 | 4.6 | | 12.5 | 14.6 | 16.3 | .5 | .0 | 29.6 | 2403 |
| | 21-23 | | 8.3 | .6 | 4.4 | | 13.0 | 15.8 | 15.3 | .5 | | 29.5 | 2391 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 8.8 | .7 | 4.2 | .0 | 13.3 | 17.1 | 17.2 | .6 | .0 | 32.6 | 19204 |

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# WEATHER CONDITIONS

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | | 10.2 | .3 | 3.4 | | 13.3 | 20.3 | 15.7 | .6 | | 33.6 | 2189 |
| | 03-05 | | 10.6 | .3 | 4.1 | | 14.0 | 21.5 | 15.9 | .5 | | 34.6 | 2189 |
| | 06-08 | | 9.4 | .5 | 3.6 | | 13.1 | 23.8 | 21.4 | .5 | .0 | 40.7 | 2189 |
| | 09-11 | | 10.4 | .2 | 4.1 | | 14.1 | 17.7 | 20.9 | .5 | .1 | 36.6 | 2188 |
| | 12-14 | | 9.6 | .2 | 4.3 | | 13.5 | 13.3 | 19.5 | .5 | | 31.4 | 2186 |
| | 15-17 | | 9.4 | .1 | 4.4 | | 13.6 | 12.9 | 19.7 | .2 | | 31.0 | 2184 |
| | 18-20 | .2 | 10.3 | .1 | 4.1 | | 14.1 | 15.5 | 19.3 | .2 | | 32.9 | 2185 |
| | 21-23 | .1 | 9.8 | .3 | 3.6 | | 13.4 | 16.9 | 19.4 | .3 | | 34.2 | 2189 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 10.0 | .3 | 4.0 | | 13.6 | 17.7 | 19.0 | .4 | .0 | 34.4 | 17499 |

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# WEATHER CONDITIONS

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .2 | 11.2 | | 2.8 | | 13.6 | 18.9 | 12.8 | .4 | | 30.4 | 2407 |
| | 03-05 | .0 | 11.8 | | 3.0 | | 14.4 | 22.0 | 12.9 | .5 | | 33.4 | 2407 |
| | 06-08 | .1 | 12.1 | | 3.0 | | 14.5 | 23.9 | 18.3 | .7 | | 38.9 | 2405 |
| | 09-11 | .0 | 11.9 | .0 | 3.1 | | 14.1 | 14.8 | 17.1 | .7 | | 31.1 | 2407 |
| | 12-14 | .0 | 11.0 | | 2.8 | | 13.2 | 11.5 | 13.3 | .3 | .0 | 24.2 | 2408 |
| | 15-17 | .2 | 11.3 | .0 | 2.2 | | 12.9 | 11.8 | 13.0 | .2 | .1 | 23.9 | 2407 |
| | 18-20 | .2 | 10.3 | .0 | 1.7 | | 11.8 | 14.0 | 13.8 | .3 | .1 | 27.1 | 2406 |
| | 21-23 | .3 | 10.9 | .2 | 2.2 | | 12.9 | 16.4 | 12.4 | .4 | .1 | 27.6 | 2407 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 11.3 | .0 | 2.6 | | 13.4 | 16.7 | 14.2 | .4 | .0 | 29.6 | 19254 |

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# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .3 | 12.3 | .1 | .5 | | 12.7 | 17.2 | 9.6 | | | 25.6 | 2322 |
| | 03-05 | .4 | 13.3 | .1 | .4 | | 13.8 | 22.5 | 10.5 | | | 31.4 | 2325 |
| | 06-08 | .2 | 12.6 | | .4 | | 13.0 | 23.2 | 15.8 | | | 36.0 | 2323 |
| | 09-11 | .2 | 10.7 | | .3 | | 10.9 | 12.9 | 13.5 | | .2 | 25.6 | 2321 |
| | 12-14 | .3 | 10.2 | | .3 | .0 | 10.4 | 8.9 | 10.7 | | .2 | 19.1 | 2323 |
| | 15-17 | .6 | 11.7 | .0 | .0 | .0 | 11.8 | 9.8 | 11.4 | | .1 | 20.2 | 2317 |
| | 18-20 | 1.2 | 12.3 | .0 | .2 | | 12.4 | 11.7 | 12.1 | | | 22.6 | 2319 |
| | 21-23 | .6 | 11.5 | .1 | .3 | | 11.7 | 13.7 | 10.1 | | | 22.7 | 2317 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 11.8 | .0 | .3 | .0 | 12.1 | 15.0 | 11.7 | | .1 | 25.4 | 18567 |

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# WEATHER CONDITIONS

13707 — STATION
DOVER AFB DELAWARE — STATION NAME
43-46,51-72 — 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 | 1.5 | 11.1 | | | | 11.1 | 21.2 | 10.7 | | | 30.5 | 2406 |
| | 03-05 | .8 | 11.3 | | | | 11.3 | 27.2 | 12.3 | | .0 | 36.7 | 2409 |
| | 06-08 | .3 | 10.7 | | | | 10.7 | 22.3 | 16.4 | | .1 | 35.6 | 2404 |
| | 09-11 | .0 | 8.9 | | | | 8.9 | 10.2 | 11.7 | | .3 | 21.5 | 2402 |
| | 12-14 | .3 | 7.9 | | | | 7.9 | 6.6 | 11.2 | .0 | .3 | 17.6 | 2402 |
| | 15-17 | 1.0 | 8.9 | | | | 8.9 | 6.0 | 11.5 | | .2 | 17.1 | 2404 |
| | 18-20 | 1.9 | 10.2 | | | | 10.2 | 9.1 | 13.2 | | .2 | 21.7 | 2405 |
| | 21-23 | 1.6 | 11.5 | | | | 11.5 | 14.3 | 11.9 | | | 24.7 | 2400 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 10.1 | | | | 10.1 | 14.6 | 12.4 | .0 | .1 | 25.7 | 19232 |

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# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | 1.4 | 7.9 | | | | 7.9 | 19.9 | 20.5 | | | 36.6 | 2293 |
| | 03-05 | .1 | 7.3 | | | | 7.3 | 35.8 | 20.9 | | | 48.3 | 2291 |
| | 06-08 | .1 | 7.1 | | | | 7.1 | 23.3 | 27.6 | | | 44.6 | 2291 |
| | 09-11 | .3 | 6.1 | | | | 6.1 | 7.3 | 22.4 | | | 28.3 | 2293 |
| | 12-14 | .9 | 6.0 | | | .0 | 6.0 | 3.8 | 18.4 | | | 21.6 | 2294 |
| | 15-17 | 2.0 | 6.7 | | | | 6.7 | 3.7 | 18.3 | | | 21.4 | 2295 |
| | 18-20 | 2.9 | 7.5 | | | | 7.5 | 6.5 | 22.4 | | | 27.5 | 2294 |
| | 21-23 | 3.0 | 7.9 | | | | 7.9 | 10.4 | 20.4 | | .0 | 29.0 | 2290 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 7.1 | | | .0 | 7.1 | 13.8 | 21.4 | | .0 | 32.2 | 18341 |

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | 1.3 | 6.1 | | | | 6.1 | 22.7 | 24.1 | | | 42.6 | 2401 |
| | 03-05 | .8 | 5.4 | | | | 5.4 | 37.2 | 26.4 | | | 55.6 | 2395 |
| | 06-08 | .5 | 5.2 | | | | 5.2 | 27.3 | 34.8 | | | 54.3 | 2396 |
| | 09-11 | .5 | 5.1 | | | | 5.1 | 6.0 | 30.2 | | .1 | 35.3 | 2393 |
| | 12-14 | 1.7 | 6.5 | | | | 6.5 | 3.1 | 24.4 | | .1 | 27.2 | 2386 |
| | 15-17 | 2.8 | 7.5 | | | | 7.5 | 2.8 | 24.4 | | .1 | 27.2 | 2400 |
| | 18-20 | 3.4 | 6.1 | | | | 6.1 | 5.0 | 27.1 | | | 31.0 | 2395 |
| | 21-23 | 2.6 | 6.5 | | | | 6.5 | 11.2 | 24.3 | | | 33.0 | 2404 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.7 | 6.1 | | | | 6.1 | 14.4 | 27.0 | | .0 | 38.3 | 19170 |

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (MONTH)

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

| MONTH | HOURS (LST.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 1.6 | 6.2 | | | | 6.2 | 25.2 | 26.3 | | | 46.2 | 2413 |
| | 03-05 | 1.3 | 6.6 | | | | 6.6 | 40.3 | 27.5 | | | 58.4 | 2410 |
| | 06-08 | .4 | 5.7 | | | | 5.7 | 33.8 | 34.7 | | .1 | 58.2 | 2402 |
| | 09-11 | .4 | 5.3 | | | | 5.3 | 6.9 | 33.3 | | .2 | 38.7 | 2415 |
| | 12-14 | 1.0 | 5.0 | | | | 5.0 | 3.3 | 25.8 | | .2 | 28.9 | 2400 |
| | 15-17 | 1.5 | 5.4 | | | | 5.4 | 2.7 | 27.2 | | .1 | 29.9 | 2410 |
| | 18-20 | 2.7 | 5.9 | | | | 5.9 | 5.4 | 29.8 | | .0 | 34.6 | 2408 |
| | 21-23 | 2.6 | 6.4 | | | | 6.4 | 12.3 | 26.9 | | | 36.9 | 2413 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.3 | 5.8 | | | | 5.8 | 16.2 | 28.9 | | .1 | 41.5 | 19271 |

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# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | .5 | 7.4 | | | | 7.4 | 24.1 | 19.6 | | | 39.5 | 2398 |
| | 03-05 | .4 | 8.2 | | | | 8.2 | 34.6 | 17.7 | | | 46.5 | 2400 |
| | 06-08 | .1 | 8.1 | | | | 8.1 | 35.3 | 27.8 | | | 53.3 | 2394 |
| | 09-11 | .2 | 7.2 | | | | 7.2 | 9.6 | 24.9 | | | 32.6 | 2394 |
| | 12-14 | .9 | 6.5 | | | | 6.5 | 4.8 | 19.1 | | | 23.4 | 2393 |
| | 15-17 | 1.0 | 6.6 | | | | 6.6 | 4.8 | 17.9 | | | 22.3 | 2399 |
| | 18-20 | 1.0 | 7.3 | | | | 7.3 | 8.6 | 20.7 | | | 27.8 | 2396 |
| | 21-23 | .5 | 7.1 | | | | 7.1 | 14.6 | 20.3 | | | 32.7 | 2399 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .6 | 7.3 | | | | 7.3 | 17.1 | 21.0 | | | 34.8 | 19173 |

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13707 — STATION
DOVER AFB DELAWARE — STATION NAME
43-45,50-72 — 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 | .2 | 6.6 | | .0 | | 6.6 | 21.4 | 14.7 | | | 33.3 | 2407 |
| | 03-05 | .4 | 7.1 | | .0 | | 7.1 | 30.2 | 16.6 | | | 41.7 | 2408 |
| | 06-08 | .1 | 7.3 | | .0 | | 7.3 | 34.7 | 22.9 | | | 49.5 | 2407 |
| | 09-11 | .0 | 7.2 | | | | 7.2 | 1' | 22.2 | | | 31.9 | 2407 |
| | 12-14 | .1 | 7.4 | | .1 | | 7.5 | [illegible] | 14.9 | | | 21.1 | 2406 |
| | 15-17 | .2 | 8.0 | | .1 | | 8.0 | 6.8 | 15.4 | | .0 | 21.2 | 2403 |
| | 18-20 | .4 | 7.0 | | | | 7.0 | 9.4 | 17.4 | | | 24.7 | 2405 |
| | 21-23 | .1 | 7.3 | | | | 7.3 | 14.2 | 15.4 | | | 27.8 | 2395 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 7.2 | | .0 | | 7.3 | 16.9 | 17.4 | | .0 | 31.4 | 19238 |

USAFETAC FORM JULY 64 0-10-5 (OL-1), PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | .0 | 10.6 | | .9 | | 11.4 | 17.7 | 13.3 | .1 | | 29.0 | 2329 |
| | 03-05 | | 9.9 | | .9 | | 10.8 | 21.6 | 14.8 | .1 | | 33.4 | 2333 |
| | 06-08 | .0 | 9.2 | | .4 | | 9.6 | 26.9 | 20.5 | | | 41.1 | 2330 |
| | 09-11 | | 8.8 | | .8 | | 9.4 | 14.8 | 19.9 | | | 31.8 | 2330 |
| | 12-14 | .0 | 8.2 | | .3 | | 8.5 | 8.2 | 16.2 | | | 23.4 | 2328 |
| | 15-17 | .3 | 9.8 | | .3 | .1 | 10.1 | 8.2 | 17.3 | .0 | | 24.3 | 2331 |
| | 18-20 | .1 | 9.1 | | .5 | | 9.6 | 10.5 | 16.9 | .0 | | 25.5 | 2321 |
| | 21-23 | .0 | 9.5 | | .5 | | 9.9 | 13.4 | 13.7 | | | 25.3 | 2336 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 9.4 | | .6 | .0 | 9.9 | 15.2 | 16.6 | .0 | | 29.2 | 18638 |

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# WEATHER CONDITIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (MONTH)

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

| MONTH | HOURS (LST.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | | 8.7 | .2 | 2.2 | | 10.9 | 19.2 | 14.4 | .2 | | 31.9 | 2496 |
| | 03-05 | | 8.6 | .2 | 2.4 | | 11.0 | 20.2 | 15.4 | .2 | | 33.5 | 2490 |
| | 06-08 | | 9.3 | .2 | 2.0 | | 11.4 | 23.7 | 19.1 | .2 | | 39.7 | 2496 |
| | 09-11 | .0 | 10.3 | .1 | 2.2 | | 12.4 | 18.7 | 22.4 | .5 | .1 | 39.2 | 2501 |
| | 12-14 | | 9.6 | .0 | 2.9 | | 12.4 | 13.8 | 18.6 | .5 | .2 | 32.1 | 2501 |
| | 15-17 | .1 | 9.7 | .2 | 2.8 | | 12.4 | 14.2 | 18.9 | .2 | | 32.7 | 2503 |
| | 18-20 | | 11.1 | .4 | 2.7 | | 13.8 | 16.6 | 16.7 | .2 | | 32.6 | 2485 |
| | 21-23 | .0 | 11.2 | .2 | 2.4 | | 13.4 | 17.8 | 15.9 | .3 | | 32.1 | 2486 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 9.8 | .2 | 2.5 | | 12.2 | 18.0 | 17.7 | .3 | .0 | 34.2 | 19958 |

# PART A ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

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

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

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

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

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



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~~WEATHER CONDITIONS~~
ATMOSPHERIC PHENOMENA

13707 STATION | DOVER AFB DELAWARE STATION NAME | 46, 50-72 YEARS | ALL 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 DPIZZLE | 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 | .2 | 34.0 | 3.2 | 23.2 | .4 | 47.7 | 41.5 | 42.0 | 3.0 | | 57.0 | 710 |
| FEB | | 1.1 | 37.1 | 2.9 | 23.7 | .2 | 48.3 | 43.7 | 42.6 | 2.8 | | 58.9 | 650 |
| MAR | | 4.2 | 44.4 | .4 | 13.9 | .1 | 49.4 | 45.0 | 41.4 | 2.0 | .1 | 58.1 | 713 |
| APR | | 8.4 | 51.8 | .3 | 2.6 | .6 | 51.3 | 44.9 | 44.3 | | | 57.2 | 690 |
| MAY | | 14.9 | 51.2 | | | .7 | 51.5 | 48.8 | 43.8 | | .1 | 58.3 | 713 |
| JUN | | 18.1 | 43.8 | | | .4 | 43.2 | 55.4 | 57.0 | | | 68.6 | 690 |
| JUL | | 20.9 | 41.9 | | | .3 | 41.3 | 58.4 | 66.6 | | .3 | 75.6 | 712 |
| AUG | | 19.1 | 41.3 | | | .1 | 41.0 | 65.1 | 69.0 | | .1 | 79.4 | 713 |
| SEP | | 7.6 | 36.2 | | | | 35.6 | 59.6 | 59.8 | | | 71.0 | 711 |
| OCT | | 3.2 | 35.2 | | .8 | .1 | 35.3 | 51.9 | 51.8 | | | 63.0 | 713 |
| NOV | | 1.6 | 41.0 | | 5.4 | .3 | 43.6 | 46.1 | 46.5 | .4 | | 60.9 | 690 |
| DEC | | .6 | 38.6 | 2.0 | 15.6 | .1 | 46.0 | 43.8 | 42.1 | 1.1 | | 58.1 | 713 |
| TOTALS | | 8.4 | 41.4 | .7 | 7.1 | .3 | 44.5 | 50.3 | 50.6 | .8 | .0 | 63.8 | 8418 |

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APPLICATIONS CENTER

# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

DATA PROCESSING BRANCH
USAF ETAC
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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

13707 — STATION
DOVER AFB DELAWARE — STATION NAME
42-46, 50-72 — 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 | 51.5 | 14.7 | 3.0 | 7.5 | 5.4 | 6.8 | 5.2 | 4.5 | .8 | | | | | 33.5 | 796 | 2.53 | 4.82 | TRACE |
| FEB | 50.8 | 16.7 | 1.7 | 6.1 | 4.0 | 7.0 | 6.5 | 5.0 | 2.3 | | | | | 32.5 | 724 | 2.98 | 6.11 | TRACE |
| MAR | 49.3 | 15.0 | 2.9 | 6.9 | 4.3 | 7.2 | 5.7 | 6.4 | 2.4 | | | | | 35.7 | 795 | 3.53 | 7.16 | TRACE |
| APR | 47.2 | 17.3 | 3.8 | 6.8 | 4.6 | 6.8 | 6.6 | 5.1 | 1.7 | .1 | | | | 35.5 | 767 | 3.01 | 6.98 | TRACE |
| MAY | 49.0 | 16.9 | 3.3 | 6.7 | 5.7 | 6.0 | 5.7 | 4.5 | 2.1 | .1 | | | | 34.1 | 794 | 3.10 | 7.66 | TRACE |
| JUN | 55.9 | 15.8 | 3.2 | 6.5 | 2.7 | 6.1 | 3.9 | 3.4 | 2.3 | .3 | | | | 28.3 | 774 | 2.87 | 6.57 | .71 |
| JUL | 56.5 | 14.9 | 3.9 | 5.5 | 2.7 | 4.5 | 3.7 | 4.5 | 3.1 | .7 | | | | 28.6 | 805 | 3.94 | 12.60 | .77 |
| AUG | 60.2 | 13.3 | 1.5 | 4.1 | 3.7 | 4.3 | 4.7 | 3.6 | 3.4 | 1.0 | .1 | | | 26.5 | 805 | 4.60 | 16.57 | .86 |
| SEP | 63.3 | 12.1 | 2.0 | 4.9 | 3.5 | 3.7 | 2.2 | 4.4 | 3.5 | .4 | | | | 24.6 | 801 | 3.24 | 7.70 | .73 |
| OCT | 64.3 | 12.7 | 1.7 | 4.6 | 2.7 | 4.5 | 3.7 | 3.0 | 2.7 | .1 | | | | 23.1 | 806 | 2.86 | 6.86 | .01 |
| NOV | 55.9 | 15.0 | 1.7 | 5.3 | 3.8 | 4.4 | 5.9 | 4.9 | 2.8 | .3 | .1 | | | 29.1 | 780 | 3.80 | 8.61 | .52 |
| DEC | 54.6 | 15.0 | 2.1 | 6.0 | 3.0 | 5.7 | 5.0 | 5.9 | 2.8 | .1 | | | | 30.4 | 820 | 3.38 | 8.07 | .00 |
| ANNUAL | 54.9 | 15.0 | 2.6 | 5.9 | 3.8 | 5.6 | 4.9 | 4.6 | 2.5 | .3 | .0 | | | 30.2 | 9469 | 39.84 | | |

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

DATA PROCESSING BRANCH
USAF/ETAC/JL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

13743 DOVER AFB DELAWARE 42-46, 50-72
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | * .00 | |
| 43 | *TRACE | *TRACE | *TRACE | *TRACE | *TRACE | * 1.98 | 3.09 | 1.24 | 1.32 | 1.69 | 1.58 | 1.07 | 3.09 |
| 44 | 2.22 | .82 | 1.94 | 2.60 | .93 | .73 | 1.34 | 2.06 | 1.18 | 1.52 | 2.76 | .97 | 2.76 |
| 45 | .91 | .46 | 1.11 | 1.29 | 1.09 | 1.23 | 1.82 | .36 | 1.55 | 1.18 | .75 | 1.26 | 1.82 |
| 46 | .62 | .67 | .79 | 1.15 | 2.41 | .07 | 2.16 | 1.20 | * .61 | | | | |
| 50 | | | | | | | | | 2.11 | .93 | 1.95 | .56 | |
| 51 | .61 | 1.12 | .71 | .66 | 1.25 | 1.65 | 1.36 | 1.07 | 1.10 | 1.59 | 2.30 | 1.49 | 2.30 |
| 52 | .89 | .58 | 1.14 | 2.23 | 2.01 | 1.32 | 1.33 | 4.80 | .69 | .62 | 2.43 | 1.22 | 4.80 |
| 53 | .90 | 1.70 | .99 | .91 | 1.72 | .80 | 2.75 | 3.30 | .66 | 1.23 | .96 | 1.16 | 3.30 |
| 54 | .93 | 1.11 | .95 | .92 | .60 | .35 | 1.38 | .73 | 1.96 | .52 | 1.84 | .87 | 1.96 |
| 55 | .15 | 1.77 | .83 | .74 | .61 | 2.20 | .65 | 3.75 | .29 | .86 | 1.05 | .37 | 3.75 |
| 56 | .56 | .75 | 1.54 | .54 | .90 | 1.24 | 1.99 | 1.58 | .66 | 1.39 | 5.66 | .68 | 5.66 |
| 57 | .34 | .60 | 1.60 | .59 | .64 | 1.74 | .68 | 1.12 | 1.13 | 1.05 | 1.58 | 1.18 | 1.74 |
| 58 | 1.17 | 1.91 | 1.47 | 1.04 | 1.19 | 1.36 | 1.60 | 4.36 | .99 | 1.22 | 1.48 | 1.49 | 4.36 |
| 59 | .73 | .51 | 1.36 | .66 | .27 | .66 | 4.06 | 1.50 | 1.13 | 2.03 | 1.69 | .84 | 4.06 |
| 60 | .68 | 1.14 | .33 | .88 | .56 | .37 | 3.32 | 1.28 | 3.48 | .40 | .60 | 1.04 | 3.48 |
| 61 | 1.30 | 1.87 | 1.08 | 1.10 | 1.37 | 2.39 | 1.04 | .77 | .86 | 1.79 | .75 | .66 | 2.39 |
| 62 | 1.46 | .64 | .93 | 1.98 | .50 | .76 | .62 | 1.56 | 1.21 | .46 | 1.32 | .80 | 1.98 |
| 63 | .42 | .98 | 1.33 | .23 | 1.01 | 1.32 | .74 | 2.62 | 1.77 | .01 | 2.53 | .86 | 2.62 |
| 64 | .98 | 1.20 | .98 | .96 | .51 | .97 | .96 | .39 | 1.88 | .90 | .55 | .68 | 1.88 |
| 65 | .92 | .40 | .90 | .56 | .86 | .91 | .80 | 1.32 | .72 | .47 | .29 | .38 | 1.32 |
| 66 | 1.16 | 1.47 | .62 | 1.01 | .65 | 1.32 | .64 | .38 | 1.66 | 4.11 | .43 | 1.02 | 4.11 |
| 67 | .62 | 1.20 | 1.40 | 1.27 | 2.92 | 2.01 | 1.50 | 9.01 | 3.00 | .95 | .80 | 1.40 | 9.01 |
| 69 | .95 | .66 | 1.42 | .83 | 1.73 | 1.08* | 1.80 | .60 | .86 | 1.28 | 1.43 | .65 | * 1.80 |
| 69 | .63 | .66 | 1.20 | 1.10 | 1.04 | 2.75 | 4.81 | 1.07 | 1.01 | .86 | .63 | 1.88 | 4.81 |
| 70 | .38 | .58 | 1.06 | 2.26 | .38 | 1.21 | 1.49 | 1.63 | .65 | 1.76 | 1.14 | 1.49 | 2.26 |
| 71 | .77 | 2.18 | .73 | .59 | 1.91 | 1.27 | .82 | 2.71 | 2.56 | 1.73 | 1.22 | 2.66 | 2.71 |
| 72 | 1.08 | 1.14 | .63 | 1.04 | 1.01 | 2.64 | 1.17* | .62 | 1.55 | 2.19 | 2.11 | 1.67 | 2.64 |
| | | | | | | | | | | | | | |
| MEAN | .222 | .993 | 1.025 | 1.041 | 1.103 | 1.335 | 1.689 | 1.966 | 1.356 | 1.266 | 1.432 | 1.050 | 3.225 |
| S. D. | .445 | .556 | .389 | .619 | .660 | .667 | 1.095 | 1.881 | .765 | .791 | 1.089 | .937 | 1.658 |
| TOTAL OBS. | 796 | 726 | 795 | 767 | 794 | 774 | 805 | 805 | 801 | 806 | 780 | 820 | 9469 |

NOTE * (BASED ON < FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (Det 50)

DATA PROCESSING BRANCH
USAF/ETAC/TL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13707 DOVER AFB DELAWARE 42-46, 50-72
STATION STATION NAME YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | .00 | |
| 43 | *TRACE | *TRACE | *TRACE | *TRACE | *TRACE | 2.34 | 4.94 | 1.73 | 3.21 | 4.68 | 4.09 | 1.66 | *22.65 |
| 44 | 4.02 | 1.08 | 3.23 | 5.04 | 2.38 | 1.46 | 2.72 | 4.02 | 4.54 | 2.58 | 5.01 | 2.14 | 40.22 |
| 45 | 3.88 | 2.41 | 1.73 | 3.30 | 2.63 | 4.71 | 9.40 | 1.23 | 3.94 | 2.35 | 3.09 | 6.75 | 45.62 |
| 46 | 2.47 | 2.12 | 3.00 | 1.91 | 6.92 | 1.70 | 5.09 | 3.34 | .73 | | | | |
| 47 | | | | | | | | | 6.34 | 1.38 | 2.74 | 2.15 | |
| 50 | 1.95 | 2.18 | 2.68 | 2.50 | 3.71 | 5.17 | 2.41 | 2.91 | 2.17 | 3.89 | 6.51 | 6.63 | 43.71 |
| 51 | 4.82 | 1.87 | 4.82 | 6.98 | 5.41 | 2.43 | 3.34 | 9.78 | 1.26 | .71 | 4.83 | 3.58 | 49.83 |
| 52 | 4.43 | 3.07 | 4.89 | 3.33 | 7.06 | 2.78 | 3.80 | 4.79 | .87 | 2.83 | 1.98 | 2.86 | 43.79 |
| 53 | 2.09 | 1.51 | 3.70 | 2.68 | 3.48 | .71 | 1.74 | 2.42 | 4.52 | 2.18 | 4.39 | 3.09 | 33.11 |
| 54 | .34 | 4.10 | 3.80 | 2.58 | 1.81 | 5.81 | .77 | 12.26 | 1.43 | 2.07 | 1.99 | .47 | 37.43 |
| 55 | 1.86 | 2.98 | 4.05 | 1.63 | 1.51 | 3.22 | 5.12 | 3.41 | 2.67 | 5.63 | 8.61 | 3.67 | 44.37 |
| 56 | 2.07 | 3.04 | 3.20 | 1.91 | 1.22 | 2.84 | .93 | 3.21 | 3.55 | 2.27 | 6.24 | 4.60 | 35.08 |
| 57 | 2.74 | 5.28 | 7.16 | 3.92 | 5.47 | 2.82 | 7.80 | 11.00 | 2.13 | 2.83 | 3.16 | 2.61 | 56.92 |
| 58 | 1.88 | 1.74 | 3.70 | 3.46 | .97 | 1.47 | 12.60 | 4.81 | 2.23 | 4.23 | 6.03 | 2.85 | 46.03 |
| 59 | 2.01 | 4.04 | 1.06 | 2.44 | 2.99 | .86 | 7.08 | 4.28 | 7.37 | 1.64 | 1.28 | 2.88 | 37.93 |
| 60 | 2.73 | 5.05 | 5.09 | 3.30 | 4.33 | 4.23 | 3.36 | 2.29 | 2.26 | 3.47 | 2.07 | 3.17 | 41.31 |
| 61 | 3.01 | 2.73 | 2.98 | 3.70 | 1.62 | 2.05 | 1.09 | 2.30 | 2.67 | 1.10 | 3.23 | 2.02 | 31.10 |
| 62 | 1.86 | 1.98 | 4.84 | .48 | 2.40 | 2.65 | 1.26 | 4.78 | 3.40 | .01 | 5.22 | 1.79 | 30.34 |
| 63 | 4.10 | 5.19 | 2.79 | 5.33 | .55 | .63 | 2.18 | 1.30 | 4.19 | 2.26 | 1.56 | 3.38 | 33.66 |
| 64 | 3.20 | 1.50 | 3.87 | 2.11 | 1.20 | 1.54 | 2.04 | 3.19 | 2.03 | .92 | .52 | .09 | 22.81 |
| 65 | 3.53 | 3.60 | 1.37 | 3.07 | 3.16 | 2.67 | 1.37 | .97 | 6.61 | 6.86 | 1.24 | 4.40 | 38.85 |
| 67 | 1.31 | 4.24 | 3.73 | 2.40 | 4.09 | 2.85 | 3.17 | 16.57 | 3.76 | 2.28 | 2.23 | 6.97 | 54.20 |
| 68 | 1.97 | 1.45 | 5.61 | 2.27 | 5.08 | 3.10 | 2.08 | 1.27 | 1.44 | 3.68 | 4.45 | 3.02 | *35.42 |
| 69 | 1.90 | 2.80 | 4.08 | 3.40 | 2.12 | 3.94 | 9.10 | 3.93 | 2.75 | 1.16 | 2.03 | 8.07 | 45.27 |
| 70 | 1.30 | 1.83 | 3.54 | 4.62 | 1.37 | 4.33 | 3.14 | 2.52 | .88 | 3.05 | 3.15 | 3.57 | 33.30 |
| 71 | 2.45 | 0.11 | 3.00 | 1.48 | 4.03 | 1.52 | 2.73 | 10.48 | 7.70 | 4.69 | 4.20 | 3.20 | 52.19 |
| 72 | 3.17 | 4.72 | 2.06 | 4.13 | 3.30 | 6.57 | 2.49 | .86 | 2.84 | 5.52 | 7.03 | 5.04 | *47.73 |
| MEAN | 2.927 | 2.909 | 3.528 | 3.007 | 3.100 | 2.869 | 3.937 | 4.607 | 3.240 | 2.864 | 3.803 | 3.379 | 40.098 |
| S. D | 1.177 | 1.512 | 1.538 | 1.496 | 1.905 | 1.541 | 2.991 | 4.018 | 1.940 | 1.668 | 2.057 | 1.975 | 8.881 |
| TOTAL OBS. | 796 | 726 | 795 | 767 | 794 | 774 | 805 | 805 | 801 | 806 | 780 | 820 | 9469 |

NOTE * (BASED ON < FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (Det 50)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13707 STATION — DOVER AFB DELAWARE STATION NAME — 42-46, 50-72 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 | 76.7 | 11.5 | 4.2 | 4.1 | 1.1 | .6 | .6 | 1.0 | .3 | | | | | 11.8 | 713 | 5.4 | 21.5 | TRACE |
| FEB | 75.4 | 14.9 | 2.0 | 3.4 | 1.5 | .9 | .8 | .8 | .2 | .2 | | | | 9.7 | 650 | 5.7 | 32.9 | TRACE |
| MAR | 85.7 | 9.5 | 2.0 | 1.1 | .6 | .3 | .3 | .3 | .3 | | | | | 4.8 | 713 | 2.4 | 12.3 | .0 |
| APR | 97.2 | 2.0 | .1 | .4 | .1 | | | | | | | | | .7 | 699 | .2 | 2.2 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 690 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 712 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 712 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 711 | .0 | .0 | .0 |
| OCT | 99.2 | .8 | | | | | | | | | | | | | 713 | TRACE | TRACE | .0 |
| NOV | 94.5 | 4.6 | .1 | .1 | .3 | | | .1 | .1 | | | | | .9 | 690 | .8 | 9.0 | .0 |
| DEC | 84.4 | 10.5 | 1.8 | 1.4 | .7 | .7 | .1 | .1 | .1 | | | | | 5.0 | 713 | 2.3 | 11.2 | TRACE |
| ANNUAL | 92.8 | 4.5 | .8 | .9 | .4 | .2 | .1 | .2 | .1 | .0 | | | | 2.7 | 8420 | 16.8 | | |

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
SNOWFALL

(FROM DAILY OBSERVATIONS)

13707 DOVER AFB DELAWARE 42-46, 50-72
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | 6.2 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | | | | |
| 50 | | | | | | | | | .0 | .0 | TRACE | TRACE | |
| 51 | 3.8 | .7 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .2 | 3.8 |
| 52 | 3.3 | 1.6 | 1.0 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 1.1 | TRACE | 3.3 |
| 53 | .9 | 1.0 | 2.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 4.7 | TRACE | 4.7 |
| 54 | 6.6 | TRACE | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .2 | 6.6 |
| 55 | 1.0 | 4.3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 | 4.3 |
| 56 | 1.1 | TRACE | 6.5 | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 6.5 |
| 57 | 2.1 | 2.3 | TRACE | 1.1 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 2.0 | 2.3 |
| 58 | .5 | 6.0 | 4.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 3.0 | 6.0 |
| 59 | 2.1 | TRACE | TRACE | .4 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .6 | 2.1 |
| 60 | TRACE | 2.0 | 5.1 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.1 | 5.1 |
| 61 | 4.0 | 3.2 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | .9 | 4.0 |
| 62 | 6.3 | 3.2 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 2.8 | 6.3 |
| 63 | 1.1 | 1.0 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 1.7 | 1.7 |
| 64 | 5.8 | 5.6 | 2.5 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .8 | 5.8 |
| 65 | 4.3 | 2.1 | 4.2 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 4.3 |
| 66 | 6.8 | 4.4 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 9.1 | 9.1 |
| 67 | 2.0 | 11.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 3.0 | 11.0 |
| 68 | .7 | 3.0 | 1.5 | .0 | .0 | .0* | .0 | .0 | .0 | .0 | TRACE | .5 | 3.0 |
| 69 | .1 | .5 | 7.0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | .7 | 7.0 |
| 70 | 3.4 | 2.5 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.8 | 3.4 |
| 71 | 5.1 | .7 | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.1 |
| 72 | .8 | 4.4 | TRACE | TRACE | .0 | .0 | .0* | .0 | .0 | TRACE | TRACE | TRACE | 4.4 |
| | | | | | | | | | | | | | |
| MEAN | 2.97 | 2.63 | 1.51 | .23 | .00 | .00 | .00 | .00 | .00 | TRACE | .71 | 1.46 | 5.00 |
| S D | 2.305 | 2.546 | 2.249 | .562 | .000 | .000 | .000 | .000 | .000 | .000 | 2.060 | 2.174 | 2.232 |
| TOTAL OBS | 712 | 690 | 713 | 690 | 713 | 690 | 712 | 712 | 711 | 713 | 690 | 712 | 8420 |

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
## MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-46, 50-72 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | 7.2 | 2.0 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | | | | |
| 50 | | | | | | | | | .0 | .0 | TRACE | TRACE | |
| 51 | 5.6 | .3 | .4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .2 | 7.3 |
| 52 | 5.1 | 1.6 | 1.5 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | 1.2 | TRACE | 9.4 |
| 53 | 1.4 | 1.0 | 3.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | 7.0 | TRACE | 12.4 |
| 54 | 7.1 | TRACE | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 | 7.6 |
| 55 | 1.9 | 7.7 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .4 | 10.0 |
| 56 | 3.1 | TRACE | 9.7 | 2.2 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 15.0 |
| 57 | 6.6 | 4.4 | TRACE | 1.1 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 2.1 | 14.2 |
| 58 | .5 | 15.0 | 7.1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 6.1 | 28.7 |
| 59 | 3.1 | TRACE | TRACE | .4 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .6 | 4.1 |
| 60 | TRACE | 5.7 | 12.3 | TRACE | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 6.8 | 24.8 |
| 61 | 10.0 | 5.4 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.6 | 1.2 | 18.2 |
| 62 | 8.9 | 8.6 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 5.7 | 23.2 |
| 63 | 2.4 | 1.2 | .3 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 2.1 | 6.0 |
| 64 | 9.0 | 10.4 | 3.8 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | .8 | 25.0 |
| 65 | 10.7 | 3.3 | 6.4 | 1.1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 21.5 |
| 66 | 21.5 | 7.6 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | 11.2 | 40.3 |
| 67 | 2.6 | 32.9 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 9.0 | 9.1 | 53.6 |
| 68 | 1.9 | 4.3 | 1.7 | .0 | .0 | .0* | .0 | .0 | .0 | .0 | TRACE | .5 | * 8.6 |
| 69 | .2 | .5 | 6.3 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 1.3 | 10.3 |
| 70 | 8.5 | 2.0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 4.1 | 15.4 |
| 71 | 6.0 | .9 | .3 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | 7.2 |
| 72 | 1.1 | 13.5 | TRACE | TRACE | .0 | .0 | .0* | .0 | .0 | TRACE | TRACE | TRACE | * 14.6 |
| | | | | | | | | | | | | | |
| MEAN | 5.42 | 5.65 | 2.39 | .25 | .00 | .00 | .00 | .00 | .00 | TRACE | .82 | 2.29 | 17.15 |
| S.D. | 4.053 | 7.342 | 3.714 | .562 | .000 | .000 | .000 | .000 | .000 | .000 | 2.422 | 3.263 | 12.018 |
| TOTAL OBS. | 713 | 696 | 713 | 690 | 713 | 690 | 712 | 712 | 711 | 713 | 690 | 713 | 8420 |

NOTE * (BASED ON < FULL MONTHS)

USAF ETAC FORM JUL 64 0-88-5 (OL1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13707 — STATION
DOVER AFB DELAWARE — STATION NAME
42-46, 50-72 — 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 | 75.9 | 8.7 | 4.1 | 2.9 | 2.6 | 3.6 | 2.6 | .2 | | | | | | 15.4 | 806 | | | |
| FEB | 79.3 | 6.4 | 4.2 | 3.4 | 1.1 | 2.6 | 2.3 | .7 | | | | | | 14.3 | 735 | | | |
| MAR | 92.4 | 2.0 | 1.6 | 1.1 | 1.1 | 1.2 | .5 | | | | | | | 5.6 | 806 | | | |
| APR | 99.1 | .8 | .1 | | | | | | | | | | | .1 | 780 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 806 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 780 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 505 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 805 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 801 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 806 | | | |
| NOV | 98.8 | .8 | .1 | .1 | | .1 | | | | | | | | .4 | 780 | | | |
| DEC | 86.1 | 6.7 | 2.8 | 1.7 | .5 | .7 | 1.4 | | .1 | | | | | 7.2 | 834 | | | |
| ANNUAL | 94.3 | 2.1 | 1.1 | .8 | .4 | .7 | .5 | .1 | .0 | | | | | 3.6 | 9516 | | | |

1210 WS- FORM JUL 64 0-15-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF/ETAC/DL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13707 DOVER AFB DELAWARE 42-46, 50-72
STATION STATION NAME YEARS

DAILY SNOW DEPTH IN INCHES

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | * 2 | |
| 43 | TRACE | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 0 | 2 |
| 44 | 3 | TRACE | 3 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 3 |
| 45 | TRACE | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 36 | 36 |
| 46 | 6 | 5 | 0 | 0 | 0 | 0 | 0 | 0* | 0 | | | | |
| 50 | | | | | | | | | 0 | 0 | 0 | TRACE | |
| 51 | TRACE | 1 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 52 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | TRACE | 2 |
| 53 | 1 | TRACE | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | TRACE | 4 |
| 54 | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 7 |
| 55 | 1 | 4 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 0 | 4 |
| 56 | 2 | 0 | 4 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 |
| 57 | 3 | 1 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 3 |
| 58 | 5 | 7 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 7 |
| 59 | 2 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| 60 | 0 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | * | 8 |
| 61 | 9 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 9 |
| 62 | 4 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 4 |
| 63 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 2 |
| 64 | 9 | 6 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 9 |
| 65 | 5 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 |
| 66 | 18 | 19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 18 | 19 |
| 67 | 2 | 11 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 8 | 11 |
| 68 | 3 | 1 | 3 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 5 | 5 |
| 69 | 2 | 2 | 12 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 12 |
| 70 | 7 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 7 |
| 71 | 3 | TRACE | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 |
| 72 | 1 | 3 | 0 | TRACE | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 3 |
| | | | | | | | | | | | | | |
| MEAN | 3.7 | 3.2 | 1.7 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | 2.0 | 6.0 |
| S. D. | 5.937 | 4.287 | 2.836 | .194 | .000 | .000 | .000 | .000 | .000 | .000 | .874 | 7.194 | 7.286 |
| TOTAL OBS. | 800 | 785 | 806 | 780 | 806 | 780 | 805 | 805 | 801 | 806 | 780 | 936 | 9546 |

NOTE * (BASED ON < FULL MONTHS)

1210 WS FORM JUL 64 0-88-5 (Del 50)

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.



74-29962

DATA PROCESSING BRANCH
USAF/ETAC/OL A
AIR WEATHER SERVICE/MAC

# EXTREME VALUES
SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13707 DOVER AFB DELAWARE 42-46, 55-72
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | W *38 | NW *48 | W *50 | | | | | | | | | | |
| 55 | NW 45 | NW 49 | W 54 | NW 36 | SW 36 | ENE 43 | NW 45 | ENE 32 | NW 37 | ENE 51 | NW 48 | N 39 | W 54 |
| 56 | NW 43 | SW 60 | NW 44 | NW 40 | SW 36 | S *38 | S *46 | NW 27 | NW 42 | NW 28 | SW 30 | NW 36 | SW 60 |
| 57 | NW 50 | NW 32 | NW 33 | NW 40 | NW 25 | NW 42 | NW 33 | W 33 | SW 26 | ENE 33 | SW 42 | N 40 | NW 50 |
| 58 | NE 35 | NW 38 | NW 44 | ESE 35 | SW 50 | W 40 | N 35 | ENE 26 | N 29 | NW 33 | NW 34 | N 39 | SW 50 |
| 59 | W 41 | NW 42 | SW 40 | W 33 | SW 30 | NW 34 | SW 28 | NE 34 | E 29 | SW *26 | S 37 | SW 36 | SW 44 |
| 60 | S 41 | E 45 | NW 40 | W 32 | NW 26 | NW 29 | NE 33 | NW 32 | NW 56 | W 34 | W 54 | N 42 | NW 56 |
| 61 | NW 37 | SW 45 | E 38 | E 38 | NW *30 | W *37 | SW *17 | S *18 | N 36 | NE *28 | NW *38 | W *37 | SW 45 |
| 62 | S 36 | NW 29 | ENE 50 | W 34 | SW 38 | SW 26 | SW 45 | SW 28 | W 28 | W *31 | ESE 40 | NW 52 | NW 52 |
| 63 | W 43 | NW 32 | W 49 | W 46 | NW 34 | ENE 40 | NW 27 | NW 30 | SSW 32 | NW 36 | E 40 | NW 31 | W 49 |
| 64 | N 41 | NW 41 | SW 53 | SW 41 | W 29 | W 42 | NW 30 | SW 27 | W 28 | NW 29 | SW 36 | SW 42 | SW 53 |
| 65 | NW 40 | SW 46 | E 40 | W 40 | NW 33 | N 33 | SW 32 | NW 31 | SW 33 | SE 45 | W 42 | SSW 34 | SW 46 |
| 66 | W 48 | W 42 | W 43 | SW 30 | NW 32 | SW 46 | W 26 | SW 29 | E 32 | W 33 | SSW 34 | N 40 | W 48 |
| 67 | W 40 | W 46 | NW 41 | W 38 | SW 40 | SW 29 | NW 32 | N 29 | N 34 | SSE *30 | NW 34 | NW 32 | W 46 |
| 68 | E 39 | NW 43 | NW 42 | SW 41 | E 40 | ESE 29 | 36* | 35 | 21/ 36 | 34/ 27 | 32/ 30 | 7* 40 | 27/ 43 | 7* 46 |
| 69 | 27/ 35 | 31/ 47 | 34/ 36 | 5/ 48 | 21/ 35 | 17/ 26 | 30/ 30 | 19/ 23 | 30/ 24 | 32/ 33 | 30/ 38 | 30/ 43 | 5/ 48 |
| 70 | 30/ 34 | 33/ 43 | 16/ 33 | 24/ 50 | 32/ 32 | 32/ 42 | 30/ 30 | 3* 23 | 32/ 34 | 33/ 27 | 30/ 31 | 31/ 38 | 24/ 50 |
| 71 | 29/ 50 | 19/ 44 | 24/ 44 | 3/ 40 | 20/ 37 | 23/ 26 | 30/ 31 | 3/ 40 | 15/ 22 | 23/ 34 | 33/ 51 | 31/ 46 | 24/ 74 |
| 72 | 21/ 45 | 27/ 53 | 24/ 53 | 12/ 29 | 5/ 31 | 31/ 58 | 30/ 29 | 19/ 27 | 30/ 30 | 34/ 45 | 24/ 46 | 9/ 61 | 9/ 61 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | 41.1 | 44.0 | 45.3 | 38.4 | 34.1 | 36.6 | 32.4 | 30.3 | 32.2 | 33.9 | 39.6 | 40.0 | 52.3 |
| S D | 8.373 | 8.172 | 9.470 | 5.612 | 5.830 | 8.502 | 7.172 | 7.434 | 7.687 | 6.881 | 5.894 | 7.147 | 8.216 |
| TOTAL OBS | 562 | 528 | 573 | 534 | 550 | 510 | 525 | 522 | 519 | 527 | 515 | 549 | 6434 |

NOTES * (BASED ON < FULL MONTHS)
& (BASED ON < FULL MONTHS AND +100 KNOTS)

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 42-46,50-72 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.0 | 2.4 | 1.2 | .2 | .1 | .0 | .0 | | | | 6.8 | 7.8 |
| NNE | .4 | 1.1 | 1.3 | .7 | .1 | .0 | .0 | .0 | .0 | | | 3.6 | 8.1 |
| NE | .4 | 1.0 | 1.4 | .7 | .1 | .0 | .0 | | | | | 3.6 | 8.3 |
| ENE | .3 | .7 | .9 | .5 | .1 | .0 | .0 | .0 | | | | 2.6 | 8.5 |
| E | .8 | 1.5 | 1.7 | .7 | .1 | .1 | .0 | .0 | .0 | | | 4.7 | 7.8 |
| ESE | .5 | 1.3 | 1.7 | .7 | .1 | .0 | .0 | .0 | | | | 4.2 | 7.8 |
| SE | .6 | 1.5 | 1.8 | .7 | .1 | .0 | .0 | .0 | | | | 4.8 | 7.6 |
| SSE | .7 | 1.2 | .8 | .2 | .0 | .0 | .0 | .0 | | | | 3.0 | 6.2 |
| S | 1.5 | 2.6 | 2.2 | .9 | .1 | .0 | .0 | .0 | | | | 7.3 | 6.6 |
| SSW | .5 | 2.0 | 2.1 | 1.2 | .2 | .1 | .0 | .0 | | | | 6.5 | 7.9 |
| SW | 1.0 | 2.4 | 2.6 | 1.3 | .3 | .1 | .0 | .0 | | | .0 | 7.7 | 7.9 |
| WSW | .8 | 1.6 | 1.7 | .8 | .1 | .0 | .0 | | | | | 5.0 | 7.5 |
| W | 1.1 | 2.7 | 2.9 | 1.8 | .5 | .2 | .0 | .0 | | | | 9.1 | 8.5 |
| WNW | .5 | 1.4 | 2.2 | 2.1 | .6 | .2 | .0 | .0 | | | | 6.9 | 10.2 |
| NW | .7 | 1.5 | 2.7 | 2.2 | .7 | .2 | .0 | .0 | | | | 8.4 | 9.8 |
| NNW | .6 | 1.4 | 1.8 | 1.3 | .3 | .1 | .0 | .0 | | | | 5.6 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.2 | |
| | 11.5 | 26.2 | 30.3 | 17.0 | 3.6 | 1.1 | .1 | .0 | .0 | | .0 | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 227544

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .7 | 2.1 | 2.4 | 1.3 | .3 | .1 | .0 | | | | | 7.0 | 8.3 |
| NNE | .4 | .8 | 1.4 | 1.3 | .3 | .0 | | | | | | 4.2 | 9.3 |
| NE | .4 | .6 | 1.2 | 1.1 | .1 | .1 | | | | | | 3.7 | 9.0 |
| ENE | .3 | .5 | .6 | .4 | .1 | .0 | .0 | | | | | 1.9 | 8.5 |
| E | .5 | .5 | .8 | .4 | .1 | .1 | .0 | .0 | .0 | | | 2.8 | 8.1 |
| ESE | .4 | .7 | .6 | .1 | .0 | | | | | | | 1.8 | 6.1 |
| SE | .5 | .5 | .7 | .1 | .0 | .0 | | | | | | 2.2 | 6.1 |
| SSE | .6 | .8 | .5 | .2 | .0 | .0 | | | | | | 2.1 | 6.1 |
| S | 1.3 | 2.4 | 1.5 | .7 | .2 | .1 | | .0 | | | | 6.1 | 6.9 |
| SSW | .7 | 1.7 | 2.0 | 1.0 | .3 | .1 | .0 | .0 | | | | 5.6 | 8.4 |
| SW | .9 | 1.9 | 2.0 | 1.4 | .3 | .2 | .0 | | | | | 6.7 | 8.6 |
| WSW | .5 | 1.4 | 1.7 | .8 | .1 | .0 | .0 | | | | | 5.6 | 8.0 |
| W | .8 | 3.0 | 3.6 | 2.7 | .8 | .4 | .0 | | | | | 11.4 | 9.7 |
| WNW | .4 | 1.5 | 3.4 | 4.0 | 1.2 | .4 | .0 | | | | | 11.1 | 11.4 |
| NW | .6 | 2.7 | 4.2 | 4.0 | 1.5 | .4 | .1 | .0 | | | | 13.0 | 10.9 |
| NNW | .3 | 1.6 | 2.1 | 1.7 | .5 | .1 | .0 | | | | | 6.7 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 9.0 | 23.4 | 28.7 | 21.1 | 6.0 | 2.1 | .2 | .0 | .0 | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 19204

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | .9 | 1.9 | 2.3 | 1.8 | .4 | .1 | .0 | | | | | 7.6 | 8.7 |
| NNE | .4 | 1.2 | 1.3 | .6 | .1 | .0 | | | | | | 3.6 | 7.9 |
| NE | .3 | 1.0 | 1.2 | .7 | .1 | | | | | | | 3.4 | 7.9 |
| ENE | .2 | .7 | .9 | .6 | .1 | .1 | | | | | | 2. | 8.5 |
| E | .6 | 1.4 | 1.5 | .9 | .2 | .1 | .0 | | | | | 4.6 | 8.1 |
| ESE | .4 | 1.1 | 1.2 | .4 | .0 | .0 | .0 | | | | | 3.1 | 7.3 |
| SE | .5 | 1.1 | 1.2 | .4 | .0 | | | | | | | 3.3 | 7.0 |
| SSE | .0 | .0 | .2 | .2 | .0 | .0 | | | | | | 2.2 | 6.2 |
| S | .8 | 1.6 | 1.6 | .9 | .2 | .1 | .0 | | | | | 5.2 | 8.1 |
| SSW | .5 | 1.0 | 1.4 | 1.0 | .3 | .2 | .1 | .0 | | | | 4.6 | 9.9 |
| SW | .7 | 1.3 | 1.8 | 1.3 | .3 | .2 | .0 | | | | | 5.6 | 9.3 |
| WSW | .5 | 1.2 | 1.2 | 1.0 | .2 | .1 | | | | | | 4.2 | 8.6 |
| W | .9 | 2.4 | 3.2 | 2.8 | 1.3 | .9 | .1 | .0 | | | | 11.1 | 10.6 |
| WNW | .4 | 1.5 | 2.8 | 3.5 | 1.3 | .6 | .1 | .0 | | | | 10.3 | 12.0 |
| NW | .7 | 1.8 | 3.4 | 3.4 | 1.8 | .8 | .1 | .0 | | | | 12.0 | 11.5 |
| NNW | .7 | 1.5 | 2.3 | 2.4 | .7 | .2 | .0 | | | | | 7.7 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 9.1 | 21.0 | 28.3 | 21.7 | 7.1 | 2.9 | .3 | .0 | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 17498

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .8 | 1.9 | 2.8 | 1.7 | .4 | .2 | .0 | | | | | 7.8 | 9.0 |
| NNE | .3 | .8 | 1.3 | .8 | .2 | .0 | | | | | | 3.5 | 8.9 |
| NE | .4 | 1.0 | 1.2 | .7 | .3 | .1 | | | | | | 3.7 | 8.9 |
| ENE | .3 | .8 | 1.0 | .6 | .2 | .1 | .0 | .0 | | | | 3.1 | 9.6 |
| E | .5 | 1.5 | 1.9 | 1.3 | .2 | .1 | .0 | | | | | 5.5 | 8.8 |
| ESE | .5 | 1.1 | 1.8 | 1.2 | .1 | .0 | .0 | | | | | 4.7 | 8.7 |
| SE | .5 | 1.1 | 1.5 | .9 | .3 | .0 | .0 | .0 | | | | 4.3 | 9.0 |
| SSE | .5 | .5 | .8 | .3 | .0 | .0 | .0 | | | | | 2.5 | 6.6 |
| S | 1.0 | 1.6 | 1.7 | 1.0 | .2 | .1 | .0 | | | | | 5.5 | 8.0 |
| SSW | .4 | 1.1 | 1.8 | 1.5 | .3 | .1 | .0 | | | | | 5.3 | 9.8 |
| SW | .6 | 1.3 | 1.8 | 1.5 | .3 | .1 | .0 | | | | | 5.6 | 9.2 |
| WSW | .3 | 1.1 | 1.3 | .9 | .2 | .0 | .0 | | | | | 4.0 | 8.6 |
| W | 1.0 | 2.2 | 3.1 | 2.5 | .8 | .3 | .1 | | | | | 10.0 | 9.3 |
| WNW | .3 | 1.3 | 2.6 | 3.8 | 1.2 | .4 | .0 | | | | | 9.6 | 11.6 |
| NW | .5 | 1.8 | 3.4 | 3.9 | 1.4 | .2 | .0 | | | | | 11.2 | 11.1 |
| NNW | .4 | 1.4 | 2.2 | 2.0 | .6 | .3 | .0 | | | | | 6.8 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 8.5 | 20.8 | 30.2 | 24.6 | 6.8 | 2.1 | .3 | .0 | | | | 100.0 | 9.0 |

TOTAL NUMBER OF OBSERVATIONS 19260

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .6 | 1.7 | 2.4 | 1.4 | .3 | .0 | | | | | | 6.4 | 8.6 |
| NNE | .4 | 1.0 | 1.1 | .7 | .1 | .0 | | | | | | 3.3 | 8.2 |
| NE | .3 | .7 | 1.3 | .7 | .2 | .0 | | | | | | 3.2 | 9.1 |
| ENE | .2 | .7 | 1.0 | .6 | .1 | .0 | | | | | | 2.7 | 8.5 |
| E | .6 | 1.7 | 2.0 | 1.1 | .2 | .1 | | | | | | 5.7 | 8.4 |
| ESE | .4 | 1.5 | 2.4 | 1.2 | .3 | .0 | | | | | | 5.7 | 8.6 |
| SE | .6 | 1.7 | 2.2 | 1.2 | .2 | .1 | .0 | | | | | 6.0 | 8.3 |
| SSE | .0 | 1.2 | 1.0 | .5 | .0 | .0 | .0 | .0 | | | | 3.3 | 7.1 |
| S | 1.2 | 2.0 | 2.3 | 1.3 | .2 | .1 | .0 | | | | | 7.1 | 7.7 |
| SSW | .8 | 1.7 | 2.0 | 1.8 | .3 | .0 | | | | | | 6.4 | 9.0 |
| SW | .8 | 2.1 | 2.2 | 1.8 | .4 | .2 | .0 | .0 | | | | 7.5 | 9.0 |
| WSW | .6 | 1.3 | 1.6 | 1.1 | .2 | .0 | | | | | | 5.0 | 8.4 |
| W | .8 | 2.1 | 2.9 | 2.4 | .5 | .2 | .0 | | | | | 8.9 | 9.2 |
| WNW | .4 | 1.3 | 2.3 | 2.4 | .7 | .3 | .0 | | | | | 7.2 | 10.8 |
| NW | .5 | 1.7 | 2.9 | 2.7 | .9 | .3 | .0 | .0 | | | | 9.0 | 10.6 |
| NNW | .4 | .9 | 1.9 | 1.7 | .3 | .1 | .0 | | | | | 5.3 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.2 | |
| | 9.1 | 23.2 | 31.4 | 22.7 | 4.9 | 1.4 | .1 | .0 | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 18568

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DUVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | .9 | 1.6 | 2.0 | 1.0 | .4 | .0 | | | | | | 5.8 | 7.5 |
| NNE | .4 | 1.0 | 1.2 | .6 | .1 | .0 | | | | | | 3.2 | 7.7 |
| NE | .3 | 1.1 | 1.5 | .6 | .1 | .0 | | | | | | 3.9 | 8.0 |
| ENE | .3 | .7 | 1.3 | .6 | .2 | .0 | | | | | | 3.1 | 8.5 |
| E | .6 | 1.6 | 2.7 | 1.1 | .2 | .1 | .0 | | | | | 6.3 | 8.5 |
| ESE | .5 | 1.6 | 2.8 | 1.0 | .1 | .0 | | | | | | 6.0 | 7.9 |
| SE | .7 | 1.8 | 3.0 | 1.4 | .2 | | | | | | | 7.1 | 8.2 |
| SSE | .6 | 1.2 | 1.1 | .4 | .0 | .0 | | | | | | 3.9 | 6.8 |
| S | 1.1 | 2.5 | 2.8 | 1.3 | .2 | .0 | | | | | | 7.8 | 7.5 |
| SSW | .8 | 2.1 | 3.0 | 1.6 | .2 | .1 | | | | | | 7.8 | 8.3 |
| SW | .8 | 2.4 | 3.0 | 1.6 | .4 | .1 | .0 | | | | | 8.5 | 8.5 |
| WSW | .7 | 1.6 | 1.9 | .9 | .1 | .0 | .0 | | | | | 5.3 | 7.9 |
| W | .9 | 2.3 | 3.2 | 1.7 | .2 | .0 | | | | | | 8.4 | 8.2 |
| WNW | .5 | 1.1 | 1.8 | 1.4 | .2 | .0 | | | | | | 5.1 | 8.9 |
| NW | .5 | 1.2 | 2.3 | 1.6 | .3 | .1 | .0 | | | | | 6.0 | 9.1 |
| NNW | .5 | 1.1 | 1.7 | 1.1 | .1 | | | | | | | 4.5 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.9 | |
| | 10.3 | 25.1 | 35.4 | 18.0 | 2.8 | .6 | .0 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 19232

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .7 | 1.5 | 1.8 | .6 | .0 | .0 | | .0 | | | | 4.6 | 7.2 |
| NNE | .3 | .8 | 1.2 | .3 | .0 | | | | | | | 2.6 | 7.9 |
| NE | .2 | .7 | 1.2 | .6 | .1 | .0 | | | | | | 2.8 | 8.6 |
| ENE | .2 | .6 | .9 | .3 | .1 | .0 | | | | | | 2.3 | 8.6 |
| E | .5 | 1.3 | 2.4 | .9 | .1 | .0 | | | | | | 5.7 | 7.8 |
| ESE | .5 | 1.6 | 2.7 | .9 | .1 | .0 | | | | | | 5.9 | 7.9 |
| SE | .7 | 2.0 | 2.7 | 1.1 | .2 | .0 | | | | | | 6.7 | 7.8 |
| SSE | .9 | 1.5 | 1.2 | .3 | .1 | .0 | | | | | | 3.9 | 6.3 |
| S | 1.6 | 2.2 | 2.5 | .8 | .1 | .0 | .0 | | | | | 8.3 | 6.5 |
| SSW | 1.2 | 2.8 | 3.0 | 1.3 | .1 | .0 | | | | | | 8.5 | 7.3 |
| SW | 1.2 | 3.7 | 4.5 | 1.7 | .2 | .0 | | | | | | 11.3 | 7.6 |
| WSW | 1.0 | 2.1 | 2.5 | 1.0 | .1 | .0 | | | | | | 6.7 | 7.3 |
| W | 1.2 | 2.9 | 2.8 | 1.3 | .2 | .0 | .0 | | | | | 8.4 | 7.3 |
| WNW | .5 | 1.1 | 1.5 | 1.0 | .1 | .0 | | | | | | 4.3 | 8.4 |
| NW | .6 | 1.0 | 2.0 | 1.0 | .3 | .0 | | | | | | 5.5 | 8.3 |
| NNW | .3 | 1.2 | 1.3 | .7 | .1 | .0 | | .0 | | | | 3.7 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 11.6 | 29.1 | 34.3 | 14.3 | 1.7 | .3 | .0 | .0 | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 18337

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.0 | 2.0 | 1.8 | .4 | .0 | | .0 | | | | | 5.2 | 6.3 |
| NNE | .4 | .9 | .9 | .3 | .0 | | | | | | | 2.5 | 6.6 |
| NE | .4 | 1.0 | 1.1 | .4 | .0 | | | | | | | 2.9 | 7.2 |
| ENE | .3 | .6 | .7 | .2 | .0 | | | | | | | 1.8 | 6.6 |
| E | .8 | 1.5 | 1.5 | .4 | | | | | | | | 4.1 | 6.5 |
| ESE | .5 | 1.5 | 2.3 | .8 | .0 | | | | | | | 5.2 | 7.6 |
| SE | 1.1 | 2.3 | 2.9 | .9 | .1 | .0 | .0 | | | | | 7.3 | 7.2 |
| SSE | 1.0 | 1.9 | 1.3 | .2 | .0 | .0 | | | | | | 4.5 | 5.7 |
| S | 2.0 | 3.6 | 3.0 | .7 | .0 | | | | | | | 9.5 | 6.1 |
| SSW | 1.3 | 3.2 | 3.1 | 1.0 | .1 | .0 | | | | | | 8.7 | 6.9 |
| SW | 1.7 | 3.9 | 3.9 | 1.6 | .2 | .0 | .0 | | | | | 11.3 | 7.2 |
| WSW | 1.1 | 2.3 | 2.1 | .6 | .0 | .0 | | | | | | 6.0 | 6.5 |
| W | 1.4 | 3.1 | 2.5 | .6 | .1 | | | | | | | 7.7 | 6.4 |
| WNW | .5 | 1.1 | 1.1 | .4 | .1 | .0 | | | | | | 3.3 | 7.1 |
| NW | .6 | 1.7 | 1.5 | .3 | .0 | .0 | | | | | | 4.3 | 6.8 |
| NNW | .6 | 1.2 | 1.0 | .3 | .0 | | | | | | | 3.2 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.5 | |
| | 14.9 | 32.0 | 30.4 | 9.3 | .7 | .1 | .0 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 19180

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.2 | 2.1 | .6 | .0 | .0 | | | | | | 6.4 | 6.3 |
| NNE | .5 | 1.3 | 1.4 | .3 | .0 | .0 | .0 | | | | | 3.6 | 6.8 |
| NE | .4 | 1.0 | 1.2 | .4 | .1 | .0 | .0 | | | | | 3.2 | 7.7 |
| ENE | .3 | .8 | .9 | .4 | .0 | .0 | .0 | | | | | 2.4 | 7.5 |
| E | .7 | 1.8 | 1.5 | .5 | .0 | .0 | | | | | | 4.5 | 6.7 |
| ESE | .5 | 1.7 | 2.1 | .7 | .1 | .0 | .0 | .0 | | | | 5.2 | 7.5 |
| SE | .9 | 1.8 | 2.7 | .7 | .1 | .0 | | | | | | 6.4 | 7.4 |
| SSE | 1.1 | 1.5 | 1.1 | .2 | .0 | .0 | | | | | | 3.9 | 5.7 |
| S | 2.3 | 3.7 | 2.5 | .5 | .0 | .0 | | | | | | 9.2 | 5.7 |
| SSW | 1.6 | 2.9 | 2.5 | .9 | .1 | .0 | | | | | | 8.0 | 6.5 |
| SW | 1.7 | 3.1 | 3.4 | .9 | .1 | .0 | | | | | | 9.1 | 6.7 |
| WSW | 1.3 | 1.9 | 1.6 | .5 | .0 | | | | | | | 5.3 | 6.3 |
| W | 1.7 | 2.7 | 2.4 | .5 | .0 | | | | | | | 7.3 | 6.1 |
| WNW | .6 | 1.2 | 1.2 | .5 | .1 | .0 | | | | | | 3.6 | 7.1 |
| NW | 1.0 | 1.9 | 1.7 | .7 | .1 | .0 | | | | | | 5.3 | 6.8 |
| NNW | .7 | 1.7 | 1.3 | .4 | .1 | | | | | | | 4.1 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 16.9 | 31.0 | 29.6 | 8.7 | .9 | .2 | .0 | .0 | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 19261

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.6 | 3.4 | 1.2 | .1 | .0 | .0 | | | | | 8.6 | 7.3 |
| NNE | .4 | 1.4 | 1.8 | 1.0 | .1 | .0 | .0 | .0 | .0 | | | 4.8 | 8.4 |
| NE | .4 | 1.5 | 2.4 | 1.1 | .2 | .0 | .0 | | | | | 5.6 | 8.5 |
| ENE | .3 | .8 | 1.4 | .9 | .1 | .0 | .0 | .0 | | | | 3.7 | 9.5 |
| E | .7 | 1.8 | 2.0 | 1.0 | .2 | .0 | .0 | .0 | | | | 5.7 | 8.0 |
| ESE | .5 | 1.5 | 1.9 | .9 | .1 | .0 | .0 | | | | | 4.9 | 7.9 |
| SE | .7 | 1.6 | 2.0 | .8 | .1 | .0 | | | | | | 5.1 | 7.5 |
| SSE | .7 | 1.2 | .8 | .1 | .0 | .0 | | | | | | 2.8 | 5.8 |
| S | 2.0 | 3.3 | 2.6 | .7 | .1 | | | | | | | 8.7 | 6.1 |
| SSW | 1.2 | 2.4 | 2.1 | .9 | .1 | .0 | .0 | | | | | 6.7 | 7.0 |
| SW | 1.2 | 2.3 | 2.7 | 1.1 | .1 | .0 | | | | | | 7.4 | 7.3 |
| WSW | .8 | 1.5 | 1.1 | .4 | .0 | .0 | | | | | | 3.9 | 6.4 |
| W | 1.2 | 2.2 | 1.6 | .5 | .1 | | | | | | | 5.7 | 6.3 |
| WNW | .4 | 1.0 | 1.2 | .5 | .1 | .0 | | | | | | 3.2 | 7.6 |
| NW | .8 | 1.8 | 2.1 | .9 | .1 | .0 | .0 | .0 | | | | 5.7 | 7.4 |
| NNW | .7 | 1.8 | 1.8 | .5 | .2 | .0 | | .0 | | | | 5.0 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.7 | |
| | 13.3 | 28.8 | 30.9 | 12.5 | 1.7 | .3 | .1 | .1 | .0 | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 19169

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 2.6 | 3.0 | 1.4 | .3 | .0 | | | | | | 8.6 | 7.7 |
| NNE | .5 | 1.4 | 2.0 | 1.0 | .2 | .1 | .0 | | | | | 5.3 | 8.6 |
| NE | .4 | 1.2 | 1.9 | 1.1 | .2 | .0 | .0 | | | | | 4.8 | 8.7 |
| ENE | .4 | 1.0 | 1.2 | .9 | .1 | .1 | .0 | | | | | 3.4 | 8.7 |
| E | .8 | 1.7 | 1.5 | .8 | .1 | .0 | | | | | | 4.7 | 7.1 |
| ESE | .5 | 1.1 | 1.3 | .4 | .0 | .0 | | | | | | 3.4 | 7.1 |
| SE | .5 | 1.0 | 1.3 | .5 | .1 | .0 | .0 | | | | | 4.0 | 7.0 |
| SSE | .0 | 1.2 | .7 | .2 | .0 | .0 | .0 | | | | | 2.7 | 6.0 |
| S | 1.5 | 2.6 | 1.7 | .6 | .0 | | | | | | | 6.4 | 6.0 |
| SSW | .9 | 1.9 | 1.6 | .8 | .1 | .0 | | .0 | | | | 5.3 | 7.0 |
| SW | .9 | 2.2 | 2.2 | .9 | .1 | .0 | .0 | | | | .0 | 6.3 | 7.3 |
| WSW | .7 | 1.8 | 1.8 | .7 | .1 | .0 | .0 | | | | | 5.0 | 7.2 |
| W | 1.0 | 3.1 | 2.6 | 1.1 | .2 | .0 | | | | | | 7.9 | 7.1 |
| WNW | .5 | 1.5 | 2.0 | 1.3 | .2 | .0 | .0 | | | | | 5.6 | 8.6 |
| NW | .7 | 2.0 | 2.5 | 1.7 | .3 | .1 | .0 | | | | | 7.3 | 8.7 |
| NNW | .6 | 1.4 | 2.2 | 1.5 | .3 | .1 | .0 | | | | | 6.3 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.8 | |
| | 11.8 | 28.3 | 29.6 | 14.4 | 2.3 | .5 | .1 | .0 | | | .0 | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 19236

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45,50-72 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.7 | 2.1 | 1.2 | .1 | .0 | | | | | | 6.0 | 7.6 |
| NNE | .3 | 1.0 | 1.1 | .6 | .0 | .0 | .0 | | | | | 3.4 | 7.8 |
| NE | .3 | .8 | .9 | .4 | .1 | .0 | .0 | | | | | 2.5 | 7.7 |
| ENE | .3 | .7 | .6 | .2 | .0 | .0 | .0 | | | | | 1.9 | 7.2 |
| E | .6 | 1.4 | 1.3 | .4 | .1 | .1 | .0 | | | | | 3.8 | 7.0 |
| ESE | .5 | 1.2 | 1.0 | .4 | .1 | .1 | .0 | | | | | 3.2 | 7.6 |
| SE | .6 | 1.1 | 1.0 | .4 | .1 | .0 | .0 | | | | | 3.3 | 7.1 |
| SSE | .6 | 1.1 | .6 | .2 | .0 | .0 | | | | | | 2.6 | 6.0 |
| S | 1.5 | 2.7 | 2.1 | 1.1 | .2 | .0 | | | | | | 7.7 | 7.1 |
| SSW | .8 | 1.8 | 1.8 | 1.2 | .3 | .1 | .0 | .0 | | | | 6.1 | 8.4 |
| SW | .9 | 2.2 | 1.8 | 1.0 | .3 | .2 | .0 | | | | | 6.4 | 7.8 |
| WSW | .8 | 1.5 | 1.2 | .3 | .1 | .0 | .0 | | | | | 4.1 | 6.9 |
| W | 1.1 | 3.0 | 3.2 | 2.2 | .4 | .2 | .0 | | | | | 10.1 | 8.6 |
| WNW | .5 | 1.7 | 3.2 | 3.2 | .8 | .2 | .0 | | | | | 9.6 | 10.3 |
| NW | .8 | 2.2 | 3.4 | 3.0 | .9 | .3 | .0 | | | | | 10.6 | 10.0 |
| NNW | .7 | 1.8 | 2.2 | 1.8 | .4 | .2 | .0 | | | | | 7.1 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 11.6 | 25.9 | 27.6 | 17.8 | 4.0 | 1.3 | .1 | .0 | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 18640

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | 1.0 | 2.1 | 2.4 | 1.4 | .3 | .1 | .0 | | | | | 7.2 | 8.1 |
| NNE | .5 | 1.1 | 1.0 | .8 | .2 | .0 | .0 | | | | | 3.7 | 8.3 |
| NE | .4 | 1.0 | 1.0 | .4 | .1 | .0 | | | | | | 3.0 | 7.6 |
| ENE | .4 | .8 | .7 | .4 | .0 | .0 | | | | | | 2.3 | 7.3 |
| E | .7 | 1.0 | .8 | .3 | .1 | .0 | .0 | | | | | 2.9 | 6.9 |
| ESE | .4 | .7 | .6 | .2 | .0 | .0 | | | | | | 1.9 | 6.7 |
| SE | .4 | .7 | .4 | .2 | .1 | .0 | | | | | | 1.8 | 6.9 |
| SSE | .6 | .7 | .4 | .2 | .0 | .0 | | | | | | 1.9 | 6.0 |
| S | 1.3 | 2.3 | 1.7 | .7 | .1 | .0 | .0 | | | | | 6.2 | 6.5 |
| SSW | .8 | 1.9 | 1.5 | 1.1 | .2 | .1 | .0 | | | | | 5.5 | 7.8 |
| SW | 1.0 | 2.2 | 2.0 | 1.1 | .4 | .1 | .0 | | | | | 6.8 | 8.2 |
| WSW | .8 | 1.9 | 1.8 | 1.1 | .3 | .1 | .0 | | | | | 6.0 | 8.2 |
| W | 1.2 | 3.2 | 3.9 | 2.9 | .8 | .2 | .0 | .0 | | | | 12.3 | 9.2 |
| WNW | .6 | 1.9 | 3.2 | 3.0 | 1.0 | .3 | .0 | | | | | 10.0 | 10.3 |
| NW | .9 | 2.3 | 3.4 | 3.2 | 1.0 | .2 | .0 | | | | | 11.1 | 10.0 |
| NNW | .6 | 1.4 | 2.1 | 1.8 | .3 | .1 | | | | | | 6.3 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 11.5 | 25.3 | 26.8 | 18.7 | 4.8 | 1.4 | .2 | .0 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 19959

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .9 | 2.4 | 2.0 | 1.4 | .4 | .1 | .0 | | | | | 7.1 | 8.1 |
| NNE | .4 | .8 | 1.7 | 1.3 | .3 | .0 | | | | | | 4.5 | 9.6 |
| NE | .4 | .7 | 1.2 | 1.0 | .3 | .2 | | | | | | 3.7 | 9.9 |
| ENE | .4 | .7 | .8 | .5 | .0 | | | | | | | 2.3 | 7.5 |
| E | .6 | .8 | .4 | .1 | .1 | .1 | | | | | | 2.1 | 7.3 |
| ESE | .2 | .5 | .3 | .1 | .0 | | | | | | | 1.2 | 6.7 |
| SE | .3 | .8 | .6 | .0 | | | | | | | | 1.8 | 5.6 |
| SSE | 1.1 | 1.0 | .7 | .3 | .1 | | | | | | | 3.1 | 5.9 |
| S | 2.1 | 2.8 | 1.4 | .5 | .1 | .1 | | | | | | 7.0 | 5.9 |
| SSW | 1.0 | 1.8 | 1.6 | .8 | .5 | .1 | | | | | | 5.8 | 8.2 |
| SW | 1.2 | 2.1 | 2.1 | .9 | .5 | .1 | | | | | | 6.8 | 8.2 |
| WSW | .4 | 1.7 | 1.4 | .4 | .2 | .0 | | | | | | 4.2 | 7.0 |
| W | .8 | 3.3 | 4.4 | 2.0 | .7 | .2 | | | | | | 11.4 | 8.6 |
| WNW | .4 | 1.6 | 3.7 | 3.7 | .6 | .2 | | | | | | 10.1 | 10.4 |
| NW | 1.0 | 2.0 | 4.3 | 3.5 | .5 | .3 | .1 | | | | | 11.6 | 9.7 |
| NNW | .5 | 1.4 | 2.1 | 1.3 | .5 | .1 | .0 | | | | | 5.9 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 11.7 | 24.3 | 28.5 | 17.6 | 4.5 | 1.7 | .2 | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.2 | 2.4 | 2.0 | 1.2 | .4 | | | | | | | 7.1 | 7.3 |
| NNE | .6 | 1.0 | 1.5 | 1.3 | .4 | .1 | | | | | | 4.9 | 9.6 |
| NE | .3 | 1.0 | 1.8 | 1.0 | .1 | .0 | | | | | | 4.3 | 9.0 |
| ENE | .3 | .5 | .4 | .3 | .1 | | | | | | | 1.6 | 7.8 |
| E | .4 | .5 | .6 | .3 | .2 | .1 | | | | | | 2.3 | 8.6 |
| ESE | .3 | .5 | .3 | | | | | | | | | 1.4 | 5.5 |
| SE | .3 | .7 | .3 | | | | | | | | | 1.4 | 5.0 |
| SSE | .7 | .8 | .4 | .2 | | | | | | | | 2.1 | 5.3 |
| S | 1.4 | 2.1 | 1.3 | 1.0 | .3 | .1 | | | | | | 6.2 | 7.4 |
| SSW | 1.0 | 2.1 | 1.7 | .9 | .2 | .2 | .0 | | | | | 6.2 | 7.9 |
| SW | 1.2 | 2.5 | 1.7 | 1.0 | .4 | .2 | | | | | | 6.9 | 7.9 |
| WSW | .8 | 1.8 | 1.7 | .5 | | | .0 | | | | | 4.8 | 6.7 |
| W | 1.0 | 3.7 | 4.8 | 2.4 | .5 | .2 | | | | | | 12.7 | 8.6 |
| WNW | .3 | 1.7 | 3.2 | 2.7 | .8 | .1 | | | | | | 8.9 | 10.2 |
| NW | .7 | 2.2 | 4.5 | 2.5 | 1.2 | .3 | | | | | | 11.6 | 10.0 |
| NNW | .3 | 2.0 | 2.4 | 1.5 | .3 | .2 | | | | | | 6.7 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 11.1 | 25.5 | 28.8 | 17.0 | 5.0 | 1.6 | .1 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-45,51-72 (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 | .9 | 2.1 | 2.0 | 1.0 | .3 | .2 | | | | | | 6.5 | 8.1 |
| NNE | .7 | 1.1 | 1.6 | 1.4 | .3 | .1 | | | | | | 5.2 | 9.0 |
| NE | .5 | .7 | 1.2 | 1.2 | .0 | | | | | | | 3.8 | 8.3 |
| ENE | .3 | .3 | .8 | .3 | .1 | .1 | | | | | | 2.2 | 10.2 |
| E | .0 | .6 | .6 | .2 | .0 | .1 | | | | | | 2.2 | 7.1 |
| ESE | .1 | .3 | .2 | | | | | | | | | .5 | 5.4 |
| SE | .3 | .4 | .3 | .1 | | | | | | | | 1.1 | 5.0 |
| SSE | .8 | 1.0 | .4 | .2 | | | | | | | | 2.1 | 5.3 |
| S | 1.1 | 2.4 | 1.8 | .6 | .3 | .1 | | | | | | 6.2 | 7.1 |
| SSW | .8 | 2.2 | 1.8 | .9 | .3 | .2 | .0 | | | | | 6.2 | 8.1 |
| SW | 1.2 | 2.5 | 2.3 | 1.1 | .4 | .3 | | | | | | 7.6 | 7.6 |
| WSW | .6 | 1.7 | 1.9 | .8 | .1 | | | | | | | 5.1 | 7.3 |
| W | .9 | 3.7 | 3.7 | 1.9 | .6 | .4 | | | | | | 11.2 | 8.7 |
| WNW | .5 | 1.4 | 3.0 | 3.0 | .7 | .3 | | | | | | 9.0 | 10.6 |
| NW | .8 | 3.1 | 4.0 | 3.0 | 1.3 | .2 | | | | | | 12.6 | 9.9 |
| NNW | .8 | 1.7 | 2.0 | 1.3 | .3 | .2 | | | | | | 6.4 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.5 | |
| | 11.0 | 25.2 | 28.1 | 17.2 | 4.3 | 2.1 | .0 | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .0 | 2.2 | 2.7 | 1.4 | .3 | .2 | | | | | | 7.9 | 8.9 |
| NNE | .4 | .8 | 2.0 | 1.6 | .1 | .0 | | | | | | 5.0 | 9.4 |
| NE | .3 | 1.0 | 2.0 | 1.2 | .2 | .1 | | | | | | 4.7 | 9.1 |
| ENE | .2 | .7 | .5 | .3 | .0 | | | | | | | 1.7 | 7.5 |
| E | .3 | .3 | 1.2 | .3 | | .2 | .1 | | | | | 2.9 | 9.2 |
| ESE | .4 | .3 | .3 | .2 | | | | | | | | 1.2 | 6.0 |
| SE | .3 | .3 | .6 | .2 | | | | | | | | 1.5 | 7.7 |
| SSE | .4 | .3 | .5 | .2 | | | | | | | | 1.6 | 6.1 |
| S | .7 | 2.4 | 1.4 | .6 | .2 | | | | | | | 5.3 | 7.2 |
| SSW | .7 | 1.1 | 2.3 | 1.4 | .4 | .3 | .0 | .0 | | | | 6.2 | 9.9 |
| SW | .6 | 1.5 | 2.3 | 2.5 | .4 | .2 | | | | | | 7.3 | 9.9 |
| WSW | .5 | 1.1 | 2.2 | 1.3 | .1 | .1 | | | | | | 5.4 | 9.1 |
| W | .5 | 1.8 | 3.6 | 3.8 | .9 | .6 | .0 | | | | | 11.0 | 10.9 |
| WNW | .2 | 1.1 | 3.1 | 4.4 | 1.7 | .9 | | | | | | 11.3 | 12.8 |
| NW | .5 | 1.9 | 3.3 | 4.8 | 2.7 | .6 | .1 | | | | | 14.9 | 12.3 |
| NNW | .6 | 1.3 | 2.3 | 2.9 | 1.0 | .2 | | | | | | 8.6 | 10.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 7.1 | 18.7 | 30.7 | 26.9 | 8.0 | 3.4 | .2 | .0 | | | | 100.0 | 9.7 |

TOTAL NUMBER OF OBSERVATIONS 2401

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.1 | 2.9 | 2.1 | .3 | .2 | | | | | | 8.4 | 9.1 |
| NNE | .2 | .5 | 1.1 | 1.4 | .3 | | | | | | | 3.2 | 10.2 |
| NE | .4 | .8 | 1.5 | 1.2 | .1 | | | | | | | 4.0 | 8.9 |
| ENE | .1 | .2 | .7 | .3 | .0 | | | | | | | 1.4 | 8.8 |
| E | .3 | 1.4 | 1.2 | .6 | .1 | .1 | .0 | .0 | | | | 3.7 | 8.5 |
| ESE | .2 | 1.0 | .8 | .1 | .1 | | | | | | | 2.4 | 6.7 |
| SE | .2 | .7 | .8 | .2 | .2 | .0 | | | | | | 2.2 | 8.1 |
| SSE | .1 | .2 | .3 | .1 | .1 | | | | | | | .8 | 8.4 |
| S | .3 | 1.4 | 1.2 | .6 | .4 | .1 | | .0 | | | | 4.3 | 8.5 |
| SSW | .3 | 1.0 | 2.0 | 1.4 | .5 | .0 | | | | | | 5.2 | 9.9 |
| SW | .3 | 1.4 | 1.7 | 2.5 | .5 | .2 | .1 | | | | | 6.7 | 11.2 |
| WSW | .3 | .7 | 1.7 | 1.7 | .3 | .1 | .0 | | | | | 4.9 | 10.4 |
| W | .4 | 1.8 | 2.7 | 4.3 | 1.6 | 1.1 | .1 | | | | | 12.1 | 12.5 |
| WNW | .4 | 1.2 | 3.6 | 5.5 | 2.5 | .9 | .0 | | | | | 14.2 | 12.9 |
| NW | .3 | 1.5 | 4.0 | 6.4 | 2.0 | .9 | .1 | .0 | | | | 15.2 | 12.7 |
| NNW | .2 | 1.1 | 2.0 | 2.7 | 1.0 | .3 | | | | | | 7.3 | 11.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.1 | |
| | 5.2 | 17.0 | 28.2 | 31.0 | 9.9 | 4.2 | .4 | .1 | | | | 100.0 | 10.6 |

TOTAL NUMBER OF OBSERVATIONS 2400

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .6 | 2.3 | 2.7 | 1.4 | .2 | .0 | | | | | | 7.3 | 8.0 |
| NNE | .2 | .6 | 1.5 | 1.0 | .2 | .0 | | | | | | 3.7 | 9.6 |
| NE | .4 | 1.0 | .8 | .7 | .1 | | | | | | | 3.0 | 7.6 |
| ENE | .2 | .5 | .6 | .5 | .2 | | | | | | | 2.0 | 9.2 |
| E | .8 | 1.3 | 1.5 | .4 | .0 | | .0 | .0 | .0 | | | 4.3 | 7.6 |
| ESE | .5 | 1.5 | 1.4 | .2 | | | | | | | | 3.6 | 6.4 |
| SE | .5 | 1.5 | 1.2 | .3 | .0 | | | | | | | 3.6 | 6.7 |
| SSE | .3 | .4 | .1 | .2 | | .0 | | | | | | 1.1 | 7.5 |
| S | .6 | 1.5 | .9 | .7 | .1 | .0 | | | | | | 3.9 | 7.5 |
| SSW | .2 | 1.4 | 2.2 | 1.2 | .2 | .1 | | | | | | 5.2 | 8.9 |
| SW | .6 | 1.5 | 2.4 | 1.3 | .3 | | | | | | | 6.2 | 8.6 |
| WSW | .5 | 1.7 | 2.0 | .7 | .2 | .0 | | | | | | 5.2 | 7.9 |
| W | .5 | 2.7 | 4.2 | 3.0 | .9 | .5 | .2 | | | | | 11.9 | 10.3 |
| WNW | .5 | 1.1 | 2.9 | 5.7 | 1.8 | .5 | .1 | | | | | 12.5 | 12.6 |
| NW | .4 | 1.8 | 4.2 | 6.1 | 2.0 | .5 | .1 | .1 | | | | 15.2 | 12.1 |
| NNW | .4 | 1.1 | 2.3 | 2.1 | .3 | | | | | | | 6.3 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.0 | |
| | 7.4 | 22.1 | 31.0 | 25.6 | 6.5 | 1.7 | .5 | .1 | .0 | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | .0 | 1.5 | 2.2 | .7 | .3 | | | | | | | 5.4 | 8.1 |
| NNE | .4 | 1.0 | .7 | 1.1 | .2 | | | | | | | 3.4 | 9.0 |
| NE | .9 | .6 | .7 | 1.0 | .0 | | | | | | | 2.9 | 8.6 |
| ENE | .3 | .3 | .4 | .7 | .0 | .2 | .0 | | | | | 1.9 | 9.9 |
| E | .3 | 1.0 | .7 | .6 | .1 | | .0 | .0 | | | | 2.7 | 8.6 |
| ESE | .6 | .9 | .6 | .2 | | | | | | | | 2.3 | 5.6 |
| SE | 1.0 | 1.6 | .8 | .2 | | | | | | | | 3.5 | 5.3 |
| SSE | .8 | 1.4 | .7 | .2 | .1 | | | | | | | 3.3 | 6.1 |
| S | 1.8 | 2.7 | 1.7 | .9 | .1 | .0 | | | | | | 7.3 | 6.6 |
| SSW | .8 | 2.2 | 2.0 | .7 | .0 | .0 | | | | | | 5.8 | 7.0 |
| SW | 1.0 | 2.0 | 1.8 | .7 | .1 | .1 | | | | | | 5.7 | 7.1 |
| WSW | .7 | 1.5 | 1.2 | .2 | .0 | | | | | | | 3.7 | 6.2 |
| W | 1.3 | 3.4 | 2.6 | 2.0 | .9 | .4 | .1 | | | | | 10.7 | 9.0 |
| WNW | .9 | 2.3 | 3.8 | 3.5 | .9 | .3 | | | | | | 11.6 | 9.9 |
| NW | .7 | 2.9 | 4.3 | 3.0 | .9 | .2 | .0 | .0 | | | | 12.0 | 9.6 |
| NNW | .7 | 2.3 | 2.1 | 1.1 | .2 | | .0 | | | | | 6.4 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 12.5 | 27.4 | 26.5 | 17.0 | 3.9 | 1.1 | .2 | .1 | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .5 | 2.2 | 2.3 | 1.1 | .2 | .1 | | | | | | 6.4 | 7.9 |
| NNE | .4 | .6 | 1.0 | 1.2 | .3 | | | | | | | 3.5 | 9.6 |
| NE | .5 | .5 | .7 | 1.3 | .2 | .1 | | | | | | 3.3 | 10.4 |
| ENE | .4 | .3 | .6 | .3 | .1 | | | | | | | 2.2 | 7.3 |
| E | .5 | .4 | .6 | .4 | .1 | .0 | | | | | | 2.2 | 8.1 |
| ESE | .5 | .6 | .5 | | .1 | | | | | | | 1.7 | 5.6 |
| SE | .5 | 1.4 | .7 | .1 | .0 | | | | | | | 2.7 | 5.6 |
| SSE | .6 | 1.3 | .5 | .3 | .0 | | | | | | | 2.8 | 6.1 |
| S | 1.9 | 3.5 | 1.9 | .7 | .3 | | | | | | | 8.5 | 6.7 |
| SSW | .9 | 1.9 | 2.1 | .6 | .3 | .1 | | | | | | 5.8 | 7.4 |
| SW | .8 | 1.9 | 2.1 | 1.2 | .3 | .1 | | | | | | 6.3 | 8.3 |
| WSW | .6 | 1.2 | 1.5 | .3 | .1 | .0 | .1 | | | | | 3.8 | 7.7 |
| W | 1.2 | 3.4 | 3.1 | 2.1 | .5 | .4 | | | | | | 10.6 | 8.7 |
| WNW | .3 | 2.1 | 4.2 | 3.5 | .9 | .3 | | | | | | 11.2 | 10.4 |
| NW | .6 | 2.6 | 4.2 | 2.8 | 1.0 | .0 | .0 | | | | | 11.3 | 9.8 |
| NNW | .9 | 1.9 | 1.5 | 1.1 | .5 | | | | | | | 5.9 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 11.1 | 26.6 | 27.5 | 16.9 | 4.9 | 1.2 | .1 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2390

USAFETAC FORM JUL 62 0-8-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .4 | 2.4 | 2.1 | 1.9 | .3 | .1 | | | | | | 7.1 | 8.6 |
| NNE | .5 | 1.4 | 1.1 | .6 | .0 | | | | | | | 3.6 | 7.2 |
| NE | .4 | .9 | 1.2 | .4 | .0 | | | | | | | 2.9 | 7.3 |
| ENE | .2 | 1.1 | .8 | .8 | .2 | .1 | | | | | | 3.2 | 9.3 |
| E | .7 | 1.3 | 1.2 | .5 | .1 | | | | | | | 3.9 | 7.1 |
| ESE | .4 | 1.0 | .4 | .1 | .1 | | | | | | | 2.1 | 6.1 |
| SE | .1 | .3 | .6 | | .0 | | | | | | | 1.1 | 5.6 |
| SSE | .0 | .5 | .5 | .1 | | | | | | | | 2.0 | 5.0 |
| S | 1.1 | 2.9 | 1.4 | .9 | .0 | .0 | | | | | | 6.4 | 6.6 |
| SSW | .9 | 1.1 | 1.6 | 1.1 | .3 | .2 | .1 | .0 | | | | 5.5 | 9.7 |
| SW | .9 | 1.4 | 1.5 | 1.2 | .4 | .3 | .0 | | | | | 5.8 | 9.6 |
| WSW | .7 | 1.1 | 1.0 | .9 | .2 | .2 | | | | | | 4.2 | 8.5 |
| W | .4 | 2.9 | 3.2 | 1.9 | 1.1 | .2 | | | | | | 10.1 | 9.4 |
| WNW | .3 | 2.2 | 3.4 | 2.1 | .8 | .2 | | | | | | 9.2 | 9.2 |
| NW | 1.1 | 2.5 | 3.4 | 2.7 | 1.3 | .2 | .2 | | | | | 11.5 | 10.1 |
| NNW | 1.1 | 1.4 | 2.6 | 1.9 | .4 | .3 | | | | | | 8.0 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 11.7 | 24.8 | 26.3 | 17.1 | 5.5 | 1.9 | .4 | .0 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 2189

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 1.0 | 2.3 | 2.6 | 1.4 | .4 | .0 | | | | | | 8.6 | 8.1 |
| NNE | .2 | 1.3 | 1.1 | .5 | .2 | | | | | | | 3.3 | 8.1 |
| NE | .4 | 1.0 | 1.2 | .7 | .0 | | | | | | | 3.4 | 7.8 |
| ENE | .2 | .8 | 1.2 | .3 | .1 | | | | | | | 2.7 | 7.9 |
| E | .5 | 1.6 | 1.3 | .8 | .1 | .0 | | | | | | 4.4 | 7.7 |
| ESE | .2 | .4 | .5 | .1 | | | | | | | | 1.3 | 7.1 |
| SE | .4 | .4 | .5 | | | | | | | | | 1.2 | 5.4 |
| SSE | .5 | .5 | .5 | .0 | | | | | | | | 1.6 | 5.6 |
| S | 1.1 | 1.8 | 1.6 | .7 | .3 | .1 | .0 | | | | | 5.8 | 7.6 |
| SSW | .8 | 1.5 | 1.6 | .5 | .2 | .3 | | | | | | 4.8 | 8.1 |
| SW | .7 | 1.1 | 1.8 | 1.1 | .2 | | | | | | | 5.0 | 8.6 |
| WSW | .7 | 2.2 | .9 | .6 | .4 | | | | | | | 4.8 | 7.5 |
| W | 1.4 | 3.6 | 3.2 | 2.2 | 1.4 | .1 | | | | | | 11.8 | 8.9 |
| WNW | .7 | 2.0 | 2.8 | 2.2 | .7 | .1 | | | | | | 8.6 | 9.5 |
| NW | .6 | 2.1 | 3.4 | 2.8 | 1.2 | .6 | .0 | | | | | 10.9 | 10.7 |
| NNW | 1.1 | 2.0 | 2.7 | 2.0 | .2 | .1 | | | | | | 8.0 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.8 | |
| | 11.1 | 24.7 | 26.6 | 16.6 | 5.9 | 1.3 | .1 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2187

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.8 | 2.3 | 1.4 | .3 | | | | | | | 6.9 | 7.9 |
| NNE | .5 | 1.7 | 1.4 | .7 | .2 | .0 | | | | | | 4.5 | 7.8 |
| NE | .4 | 1.4 | 1.9 | .6 | .1 | | | | | | | 4.3 | 7.8 |
| ENE | .2 | .9 | 1.2 | .5 | .0 | | | | | | | 2.8 | 7.9 |
| E | .7 | 1.1 | 1.6 | 1.2 | .0 | | | | | | | 4.7 | 8.3 |
| ESE | .2 | .8 | .5 | .2 | | | | | | | | 1.7 | 6.4 |
| SE | .2 | .6 | .5 | .2 | | | | | | | | 1.5 | 6.8 |
| SSE | .4 | .6 | .4 | .0 | .0 | | | | | | | 1.5 | 5.7 |
| S | .6 | 1.6 | 1.1 | .8 | .2 | .0 | .0 | | | | | 4.3 | 8.1 |
| SSW | .4 | 1.2 | 1.8 | .9 | .1 | .0 | .0 | | | | | 4.7 | 8.1 |
| SW | 1.0 | 2.0 | 2.3 | 1.1 | .4 | | | | | | | 6.8 | 8.0 |
| WSW | .6 | 1.4 | 1.5 | .9 | .0 | | | | | | | 4.4 | 7.6 |
| W | 1.3 | 2.9 | 4.3 | 1.8 | 1.2 | .4 | .1 | | | | | 12.1 | 9.5 |
| WNW | .9 | 1.6 | 3.1 | 3.1 | .8 | .4 | | .0 | | | | 10.0 | 10.4 |
| NW | 1.0 | 2.2 | 3.2 | 2.4 | 1.0 | .8 | .0 | | | | | 10.6 | 10.6 |
| NNW | .6 | 1.7 | 2.2 | 2.3 | .5 | .2 | | | | | | 7.5 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.6 | |
| | 10.2 | 23.8 | 29.2 | 18.0 | 5.0 | 1.9 | .2 | .0 | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 2189

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.9 | 3.0 | 2.1 | .5 | .1 | | | | | | 7.9 | 9.6 |
| NNE | .5 | 1.5 | 1.5 | .5 | .3 | .1 | | | | | | 4.5 | 8.3 |
| NE | .5 | 1.4 | 1.8 | .9 | .0 | | | | | | | 4.6 | 8.0 |
| ENE | .1 | .6 | 1.5 | .4 | .0 | | | | | | | 2.9 | 8.0 |
| E | .3 | 1.0 | 1.9 | .9 | .5 | .0 | | | | | | 5.2 | 8.9 |
| ESE | .5 | .6 | 1.4 | .4 | .0 | .0 | | | | | | 3.0 | 7.6 |
| SE | .5 | .9 | 1.1 | .4 | | | | | | | | 2.8 | 7.1 |
| SSE | .2 | .4 | .7 | .1 | .0 | | | | | | | 1.5 | 7.7 |
| S | .5 | 1.1 | 1.6 | .9 | .2 | | .0 | | | | | 4.3 | 8.7 |
| SSW | | .0 | 1.4 | 1.3 | .1 | .2 | .0 | | | | | 3.7 | 11.1 |
| SW | .4 | 1.1 | 2.0 | 1.7 | .3 | .3 | | | | | | 6.4 | 9.9 |
| WSW | .4 | 1.0 | 1.9 | 1.9 | .5 | | | | | | | 5.6 | 10.1 |
| W | .5 | 1.3 | 2.6 | 3.9 | 1.8 | .8 | .0 | .0 | | | | 11.0 | 12.5 |
| WNW | .1 | 1.0 | 1.8 | 3.7 | 2.1 | .8 | .2 | | | | | 9.6 | 14.1 |
| NW | .5 | 1.1 | 2.7 | 5.0 | 2.6 | 1.2 | .2 | .0 | | | | 13.3 | 13.9 |
| NNW | .4 | .8 | 2.3 | 3.5 | 1.6 | .3 | | | | | | 8.9 | 12.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 5.7 | 16.8 | 29.8 | 27.8 | 10.6 | 3.9 | .5 | .1 | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 2188

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/HAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .6 | 1.6 | 2.9 | 2.1 | .6 | .1 | | | | | | 7.9 | 9.7 |
| NNE | .2 | .8 | 1.8 | .4 | .2 | | | | | | | 3.4 | 8.5 |
| NE | .2 | 1.1 | 1.0 | .8 | | | | | | | | 3.0 | 8.3 |
| ENE | .4 | .8 | .8 | .5 | .1 | | | | | | | 2.6 | 7.9 |
| E | .7 | 1.3 | 2.0 | .9 | .5 | .0 | | | | | | 5.5 | 8.8 |
| ESE | .4 | 1.2 | 2.3 | .8 | .0 | | | | | | | 4.8 | 7.9 |
| SE | .2 | 1.3 | 1.6 | .8 | .0 | | | | | | | 3.9 | 8.1 |
| SSE | .2 | .3 | .5 | .3 | | | | | | | | 1.3 | 8.0 |
| S | .2 | .5 | 1.6 | 1.0 | .3 | .1 | .0 | | | | | 3.7 | 10.5 |
| SSW | .2 | .4 | 1.2 | 1.5 | .5 | .3 | .0 | | | | | 4.2 | 12.6 |
| SW | .4 | .9 | 1.7 | 2.2 | .5 | .3 | .0 | | | | | 5.9 | 11.6 |
| WSW | .2 | .7 | 1.2 | 1.9 | .2 | .1 | | | | | | 4.3 | 10.7 |
| W | .3 | .7 | 3.3 | 4.8 | 1.9 | .9 | .5 | | | | | 12.4 | 13.8 |
| WNW | .2 | .8 | 2.1 | 5.4 | 2.5 | 1.6 | .2 | | | | | 12.7 | 14.9 |
| NW | .3 | 1.3 | 3.5 | 4.8 | 3.3 | 1.6 | .1 | | | | | 14.9 | 14.0 |
| NNW | .3 | .8 | 2.1 | 2.4 | 1.0 | .3 | .0 | | | | | 7.0 | 11.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 4.8 | 14.4 | 29.6 | 30.4 | 11.7 | 5.5 | 1.0 | | | | | 100.0 | 11.3 |

TOTAL NUMBER OF OBSERVATIONS 2186

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥55 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.0 | 2.9 | 1.9 | .6 | .1 | | | | | | 7.4 | 9.3 |
| NNE | .2 | .7 | 1.8 | .8 | .1 | | | | | | | 3.7 | 9.7 |
| NE | .1 | .8 | .8 | .8 | | | | | | | | 2.5 | 8.7 |
| ENE | .2 | .3 | .9 | 1.0 | .1 | .0 | | | | | | 2.6 | 10.2 |
| E | 1.0 | 1.7 | 1.4 | .9 | .3 | .1 | | | | | | 5.4 | 8.0 |
| ESE | .2 | 2.2 | 2.0 | 1.0 | .1 | .1 | | | | | | 5.5 | 8.0 |
| SE | .5 | 1.6 | 2.8 | 1.1 | .1 | | | | | | | 6.2 | 8.1 |
| SSE | .2 | .5 | .6 | .2 | .0 | .0 | | | | | | 1.6 | 8.1 |
| S | .1 | .3 | 1.3 | .9 | .2 | .3 | | | | | | 3.1 | 11.1 |
| SSW | .1 | .9 | 1.3 | 1.0 | .4 | .1 | .1 | | | | | 3.9 | 10.7 |
| SW | .4 | 1.3 | 2.2 | 1.4 | .3 | .3 | .0 | | | | | 5.9 | 9.8 |
| WSW | .3 | .8 | 1.7 | 1.0 | .2 | .0 | | | | | | 4.1 | 9.2 |
| W | .8 | 1.6 | 3.6 | 4.6 | 1.5 | 1.0 | .2 | | | | | 13.3 | 12.1 |
| WNW | .1 | .8 | 3.1 | 4.8 | 2.1 | 1.2 | .2 | | | | | 12.3 | 13.8 |
| NW | .4 | 1.4 | 3.1 | 3.7 | 2.6 | 1.0 | | | | | | 12.1 | 12.8 |
| NNW | .2 | 1.2 | 1.7 | 3.1 | .8 | .1 | .0 | | | | | 7.1 | 11.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 5.3 | 17.6 | 31.1 | 28.2 | 9.4 | 4.4 | .6 | | | | | 100.0 | 10.4 |

TOTAL NUMBER OF OBSERVATIONS 2186

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.3 | 1.9 | 1.3 | .1 | .0 | .0 | | | | | 6.9 | 7.7 |
| NNE | .5 | .9 | 1.4 | .5 | | | | | | | | 3.4 | 7.2 |
| NE | .4 | .8 | .6 | .6 | .1 | | | | | | | 2.6 | 8.0 |
| ENE | .1 | .4 | .5 | .9 | .2 | .1 | | | | | | 2.2 | 11.6 |
| E | .0 | 1.2 | 1.5 | .5 | .1 | .2 | .0 | | | | | 4.1 | 8.1 |
| ESE | .0 | 1.4 | 1.5 | .3 | .0 | .1 | | | | | | 3.9 | 7.0 |
| SE | 1.1 | 2.2 | 1.9 | .6 | .0 | | | | | | | 5.9 | 6.3 |
| SSE | 1.0 | 1.4 | 1.5 | .4 | .0 | .0 | | | | | | 4.8 | 6.4 |
| S | 1.1 | 2.1 | 2.1 | .9 | .3 | .1 | .0 | | | | | 6.7 | 7.8 |
| SSW | .6 | 1.1 | 1.3 | .6 | .3 | .1 | .0 | | | | | 4.1 | 9.0 |
| SW | .9 | 1.1 | 1.3 | .7 | .1 | | | | | | | 4.2 | 7.3 |
| WSW | .6 | 1.1 | .5 | .7 | | .0 | | | | | | 3.1 | 7.3 |
| W | .9 | 3.2 | 2.7 | 1.4 | .8 | .2 | | | | | | 9.1 | 8.7 |
| WNW | .6 | 2.2 | 3.0 | 3.3 | .6 | .5 | .0 | | | | | 10.3 | 10.4 |
| NW | .8 | 1.5 | 4.2 | 3.1 | 1.3 | .4 | .2 | | | | | 11.8 | 10.9 |
| NNW | 1.0 | 1.9 | 2.1 | 1.8 | .4 | | | | | | | 7.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.8 | |
| | 12.0 | 25.2 | 28.5 | 17.5 | 4.5 | 2.0 | .4 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 2184

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | FEB |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 1.6 | 2.4 | 1.9 | .1 | .1 | | | | | | 7.4 | 8.4 |
| NNE | .4 | 1.1 | .5 | .6 | .0 | | | | | | | 2.6 | 7.1 |
| NE | .4 | 1.2 | 1.3 | .7 | .1 | | | | | | | 3.7 | 7.9 |
| ENE | .2 | .6 | .5 | .5 | .1 | .1 | | | | | | 2.1 | 9.4 |
| E | .6 | 1.5 | 1.1 | .5 | .1 | .1 | | | | | | 4.0 | 7.8 |
| ESE | .8 | 1.3 | .5 | .0 | .0 | .0 | .0 | | | | | 2.8 | 6.1 |
| SE | .8 | 1.3 | .7 | .2 | .0 | | | | | | | 3.0 | 5.0 |
| SSE | 1.4 | 1.5 | .5 | .0 | .1 | | | | | | | 3.6 | 4.9 |
| S | 1.4 | 2.3 | 2.4 | .8 | .2 | .1 | | | | | | 7.3 | 7.2 |
| SSW | .9 | 1.5 | 1.3 | 1.1 | .2 | .3 | .2 | .0 | | | | 5.5 | 10.1 |
| SW | 1.0 | 1.1 | 1.1 | .7 | .5 | .2 | .0 | | | | | 4.6 | 9.2 |
| WSW | .4 | 1.4 | 1.1 | .4 | .1 | | | | | | | 3.4 | 7.2 |
| W | 1.0 | 3.1 | 2.4 | 2.1 | .6 | .1 | .0 | | | | | 9.3 | 8.8 |
| WNW | .3 | 1.6 | 3.1 | 3.4 | .9 | .3 | | .0 | | | | 9.6 | 11.1 |
| NW | .5 | 2.7 | 3.3 | 2.7 | 1.1 | .2 | .2 | | | | | 10.6 | 10.2 |
| NNW | .6 | 2.2 | 2.7 | 1.9 | .4 | .4 | | | | | | 8.2 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.2 | |
| | 11.8 | 25.9 | 25.0 | 17.6 | 4.8 | 2.1 | .5 | .1 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 2189

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.3 | 2.2 | 1.0 | .5 | .1 | | | | | | 7.3 | 7.6 |
| NNE | .4 | 1.3 | 1.0 | .5 | .3 | .0 | | | | | | 3.7 | 8.0 |
| NE | .5 | 1.4 | 1.0 | .8 | .5 | .1 | | | | | | 4.2 | 9.2 |
| ENE | .5 | 1.1 | 1.0 | .4 | .1 | .0 | | .1 | | | | 3.1 | 8.4 |
| E | .9 | 1.3 | 1.4 | 1.3 | .1 | .0 | | | | | | 5.1 | 7.9 |
| ESE | .5 | .6 | .7 | .3 | | | | | | | | 2.4 | 6.6 |
| SE | .7 | 1.1 | .6 | .3 | .1 | | | | | | | 2.9 | 6.8 |
| SSE | 1.0 | 1.0 | .7 | .0 | | | | | | | | 2.8 | 4.9 |
| S | 1.5 | 2.2 | 2.0 | 1.1 | .2 | .1 | .0 | | | | | 7.2 | 7.5 |
| SSW | .5 | 1.3 | 1.8 | 1.1 | .2 | .0 | | | | | | 5.2 | 8.4 |
| SW | 1.3 | 2.0 | 2.1 | 1.1 | .2 | .0 | | | | | | 6.7 | 7.5 |
| WSW | .6 | 1.5 | 1.4 | .4 | .1 | | | | | | | 4.0 | 7.0 |
| W | 1.1 | 2.0 | 3.0 | 2.1 | .5 | .1 | | | | | | 8.8 | 8.8 |
| WNW | .5 | 1.7 | 3.1 | 2.0 | .4 | .2 | | | | | | 9.4 | 9.9 |
| NW | .5 | 2.0 | 3.1 | 2.8 | .7 | .2 | | | | | | 9.2 | 9.9 |
| NNW | .6 | 1.7 | 2.5 | 2.0 | .3 | .2 | | | | | | 7.3 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 12.2 | 25.4 | 27.8 | 17.7 | 4.2 | 1.2 | .0 | .1 | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 3.1 | 3.2 | 1.5 | .3 | .3 | .1 | | | | | 9.4 | 8.5 |
| NNE | .7 | 1.3 | 1.2 | .7 | .4 | .0 | | | | | | 4.4 | 8.3 |
| NE | .5 | 1.5 | 1.0 | .7 | .2 | .1 | | | | | | 4.1 | 8.3 |
| ENE | .5 | .9 | 1.0 | .7 | .1 | .0 | | | | | | 3.3 | 8.1 |
| E | .5 | 1.7 | 1.6 | 1.1 | .1 | | | | | | | 5.1 | 7.8 |
| ESE | .6 | .7 | .4 | .7 | .2 | | | | | | | 2.6 | 7.9 |
| SE | .6 | .7 | .6 | .4 | .1 | | .1 | | | | | 2.6 | 7.9 |
| SSE | .6 | .7 | .5 | .2 | | | .0 | | | | | 2.0 | 5.8 |
| S | 1.3 | 1.5 | 1.2 | .8 | .2 | | | | | | | 4.9 | 7.1 |
| SSW | .4 | 1.4 | 2.4 | 1.2 | .2 | .0 | .0 | | | | | 5.7 | 8.8 |
| SW | 1.2 | 1.9 | 2.0 | 1.3 | .2 | | | | | | | 4.6 | 7.6 |
| WSW | 1.0 | 1.6 | 1.3 | .8 | | | | | | | | 4.8 | 6.8 |
| W | 1.0 | 2.9 | 3.3 | 1.8 | .5 | .1 | | | | | | 9.5 | 8.2 |
| WNW | .5 | 1.8 | 2.1 | 2.7 | .4 | .1 | .0 | | | | | 7.4 | 9.9 |
| NW | .6 | 3.0 | 3.7 | 2.3 | .7 | .2 | .0 | | | | | 10.7 | 9.6 |
| NNW | .7 | 2.7 | 2.0 | 1.3 | .2 | .1 | | | | | | 6.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.6 | |
| | 12.0 | 26.7 | 27.4 | 18.1 | 3.8 | 1.1 | .3 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | 1.3 | 2.6 | 3.2 | 1.9 | .3 | .2 | .0 | | | | | 9.5 | 8.3 |
| NNE | .4 | .6 | 1.9 | .9 | .2 | .0 | | | | | | 4.3 | 8.9 |
| NE | .6 | 1.0 | 2.0 | 1.2 | .3 | .1 | | | | | | 5.2 | 9.1 |
| ENE | .2 | .8 | 1.4 | .5 | .1 | .0 | .0 | .0 | | | | 3.2 | 9.1 |
| E | .4 | 1.5 | 1.5 | 1.7 | .2 | .2 | | | | | | 5.5 | 9.6 |
| ESE | .3 | .6 | 1.0 | .4 | .0 | .1 | | | | | | 2.4 | 8.2 |
| SE | .3 | .5 | .9 | .5 | .1 | | | .0 | | | | 2.6 | 8.4 |
| SSE | .4 | .6 | .4 | .2 | .0 | .1 | | | | | | 1.8 | 7.9 |
| S | 1.3 | 1.7 | 1.3 | .7 | .2 | | | | | | | 5.2 | 6.7 |
| SSW | .9 | 1.2 | 2.5 | 1.7 | .2 | .1 | | | | | | 6.6 | 8.8 |
| SW | .6 | 1.8 | 2.0 | 1.2 | .3 | .0 | | | | | | 6.0 | 8.4 |
| WSW | .6 | 1.1 | 1.7 | .9 | .0 | .0 | | | | | | 4.4 | 7.9 |
| W | 1.0 | 2.5 | 3.3 | 2.0 | .5 | .2 | | | | | | 9.4 | 8.6 |
| WNW | .2 | 1.6 | 2.1 | 2.5 | .5 | .2 | | | | | | 7.1 | 10.4 |
| NW | .6 | 1.6 | 3.4 | 3.0 | 1.1 | .2 | | | | | | 10.0 | 10.5 |
| NNW | .5 | 1.7 | 2.4 | 2.0 | .5 | .3 | .1 | | | | | 7.6 | 10.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.2 | |
| | 10.1 | 21.6 | 30.9 | 21.3 | 4.6 | 1.8 | .2 | .1 | | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0900-1100
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .0 | 1.6 | 4.0 | 3.3 | .6 | .2 | .1 | | | | | 10.7 | 10.1 |
| NNE | .2 | .7 | 1.8 | 1.1 | .2 | | | | | | | 4.0 | 9.4 |
| NE | .3 | .8 | 1.6 | 1.1 | .2 | .0 | | | | | | 4.1 | 9.2 |
| ENE | .4 | 1.0 | 1.5 | .9 | .4 | .1 | .0 | | | | | 4.3 | 9.6 |
| E | .3 | 1.5 | 2.3 | 1.3 | .4 | .2 | | | | | | 6.0 | 9.6 |
| ESE | .2 | .9 | 1.8 | 1.2 | .2 | .0 | | | | | | 4.4 | 9.4 |
| SE | .3 | 1.3 | .9 | 1.0 | .2 | .2 | .0 | | | | | 3.8 | 9.5 |
| SSE | .2 | .5 | .3 | .4 | .0 | | | | | | | 1.5 | 8.4 |
| S | .3 | .7 | 1.9 | .7 | .1 | .3 | | | | | | 4.1 | 9.8 |
| SSW | .1 | .9 | 1.6 | 2.1 | .4 | .3 | | | | | | 5.4 | 11.3 |
| SW | .2 | .9 | 2.4 | 2.1 | .6 | .2 | | | | | | 6.4 | 10.7 |
| WSW | .1 | .9 | 1.3 | 1.6 | .4 | .0 | | | | | | 4.3 | 10.3 |
| W | .3 | 1.7 | 2.4 | 2.9 | 1.0 | .5 | .1 | | | | | 8.9 | 11.6 |
| WNW | .2 | .6 | 2.0 | 4.9 | 2.0 | .5 | | | | | | 10.0 | 13.3 |
| NW | .1 | 1.0 | 2.4 | 5.4 | 2.5 | .4 | .1 | | | | | 11.9 | 13.2 |
| NNW | .2 | 1.0 | 2.3 | 2.8 | 1.5 | .4 | | | | | | 8.1 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.1 | |
| | 4.3 | 15.9 | 30.5 | 32.9 | 10.6 | 3.4 | .4 | | | | | 100.0 | 10.8 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.0 | 3.0 | 2.2 | .4 | .2 | | | | | | 7.1 | 10.4 |
| NNE | .0 | .4 | 1.1 | 1.4 | .1 | .0 | | | | | | 3.0 | 10.7 |
| NE | .2 | .5 | .9 | .4 | .3 | .1 | | | | | | 2.4 | 10.0 |
| ENE | .3 | .7 | 1.3 | .7 | .2 | .1 | .0 | | | | | 3.4 | 9.6 |
| E | .3 | 2.0 | 2.4 | 1.3 | .4 | .2 | | | | | | 6.7 | 9.3 |
| ESE | .1 | 1.3 | 2.8 | 2.4 | .4 | | | | | | | 7.0 | 10.0 |
| SE | .2 | .6 | 1.6 | 1.2 | .9 | | | | | | | 4.5 | 11.0 |
| SSE | .1 | .3 | .5 | .3 | | .0 | | | | | | 1.3 | 8.8 |
| S | .2 | .5 | .6 | .9 | .6 | .2 | | | | | | 3.1 | 12.2 |
| SSW | .2 | .3 | 1.2 | 1.9 | .7 | .2 | .0 | | | | | 4.6 | 12.7 |
| SW | .2 | .6 | 1.4 | 2.5 | .7 | .2 | .1 | | | | | 5.7 | 13.3 |
| WSW | .2 | .5 | 1.3 | 1.6 | .5 | .2 | .0 | | | | | 4.2 | 12.0 |
| W | .5 | 1.4 | 4.0 | 4.6 | 1.6 | .7 | .3 | | | | | 13.0 | 12.3 |
| WNW | .2 | .8 | 2.5 | 5.1 | 2.3 | .6 | | | | | | 11.7 | 13.6 |
| NW | .2 | 1.1 | 3.4 | 6.1 | 2.2 | .4 | | | | | | 13.4 | 12.6 |
| NNW | .2 | .8 | 1.9 | 2.9 | .8 | .4 | | | | | | 7.0 | 12.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 3.4 | 12.7 | 30.1 | 39.5 | 12.0 | 3.6 | .5 | | | | | 100.0 | 11.4 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | .2 | 1.2 | 2.7 | 1.7 | .4 | .1 | | | | | | 6.3 | 9.0 |
| NNE | .1 | .6 | 1.5 | .9 | .1 | .0 | | | | | | 3.3 | 9.4 |
| NE | .2 | 1.1 | 1.0 | .5 | .1 | | | | | | | 3.0 | 7.9 |
| ENE | .2 | .7 | .6 | .6 | .3 | .4 | .0 | | | | | 2.9 | 11.2 |
| E | .3 | 1.6 | 1.9 | 1.5 | .2 | .1 | .0 | | | | | 5.9 | 9.2 |
| ESE | .3 | 1.6 | 3.7 | 3.0 | .2 | .1 | .0 | | | | | 9.2 | 9.7 |
| SE | .3 | 1.0 | 2.7 | 1.6 | .6 | .0 | | | | | | 6.3 | 10.1 |
| SSE | .0 | .2 | .6 | .5 | | | | | | | | 1.4 | 9.6 |
| S | .2 | .2 | .7 | 1.1 | .2 | .1 | | | | | | 2.6 | 1.5 |
| SSW | | .2 | 1.2 | 1.7 | .6 | .3 | .0 | | | | | 4.1 | 3.7 |
| SW | .0 | .3 | 1.8 | 2.4 | .4 | .3 | | | | | | 5.4 | 2.1 |
| WSW | .1 | .6 | 2.0 | 1.7 | .2 | .0 | | | | | | 4.7 | 10.5 |
| W | .3 | 1.7 | 4.0 | 3.5 | 1.6 | .5 | .2 | | | | | 11.8 | 11.8 |
| WNW | .2 | .5 | 2.8 | 6.0 | 2.0 | .6 | | | | | | 12.1 | 13.2 |
| NW | .2 | 1.1 | 3.5 | 5.2 | 2.3 | .2 | | | | | | 12.4 | 12.3 |
| NNW | .2 | 1.0 | 2.5 | 2.1 | .4 | .5 | .1 | | | | | 6.8 | 11.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 2.9 | 14.3 | 33.7 | 34.1 | 9.8 | 3.2 | .4 | | | | | 100.0 | 11.0 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAR |
|---|---|---|---|
| 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 | .9 | 1.5 | 1.9 | 1.4 | .2 | | | | | | | 5.9 | 8.1 |
| NNE | .2 | .7 | 1.2 | .5 | .1 | | | | | | | 2.8 | 8.2 |
| NE | .3 | .9 | 1.2 | .6 | .3 | .0 | | | | | | 3.3 | 9.0 |
| ENE | .1 | .2 | .6 | .5 | .3 | .2 | | | | | | 2.0 | 12.5 |
| E | .3 | 1.2 | 2.3 | .6 | .2 | .0 | | | | | | 4.9 | 8.6 |
| ESE | 1.1 | 1.6 | 2.3 | 1.2 | .0 | .1 | | | | | | 6.4 | 7.7 |
| SE | .9 | 2.1 | 3.0 | 1.4 | .3 | .1 | .0 | | | | | 7.7 | 8.2 |
| SSE | .6 | 2.2 | 1.7 | .3 | | | | | | | | 5.0 | 6.2 |
| S | 1.0 | 2.2 | 2.5 | 1.6 | .1 | | | | | | | 7.5 | 7.8 |
| SSW | .5 | 1.2 | 1.7 | .8 | .2 | .0 | | | | | | 4.5 | 8.3 |
| SW | .4 | 1.1 | 1.3 | .7 | .0 | | | | | | | 3.6 | 7.9 |
| WSW | .5 | 1.3 | .6 | .4 | .0 | .0 | | | | | | 2.9 | 6.5 |
| W | 2.0 | 3.1 | 1.9 | 1.4 | .6 | .2 | .0 | | | | | 9.3 | 8.0 |
| WNW | .6 | 1.9 | 3.0 | 3.6 | 1.1 | .4 | .0 | | | | | 10.6 | 10.8 |
| NW | .6 | 2.0 | 4.2 | 3.4 | .9 | .2 | | | | | | 11.3 | 9.9 |
| NNW | .5 | 1.1 | 2.0 | 1.4 | .7 | .0 | | | | | | 5.8 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 10.9 | 24.4 | 31.3 | 20.0 | 5.2 | 1.4 | .1 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .6 | 1.8 | 2.4 | 1.2 | .2 | .2 | | | | | | 6.3 | 8.1 |
| NNE | .4 | .6 | .7 | .5 | .2 | | | | | | | 2.3 | 8.5 |
| NE | .5 | 1.1 | .8 | .7 | .2 | .1 | | | | | | 3.5 | 8.4 |
| ENE | .2 | .4 | 1.0 | .7 | .2 | .0 | .0 | | | | | 2.5 | 10.0 |
| E | 1.0 | .9 | 1.8 | 1.0 | .3 | | | | | | | 5.0 | 8.1 |
| ESE | .6 | 1.0 | 1.5 | .3 | .0 | | | | | | | 3.5 | 6.8 |
| SE | .4 | 1.4 | 1.5 | .5 | .3 | .1 | .0 | | | | | 4.2 | 8.6 |
| SSE | 1.1 | 1.7 | 1.2 | .1 | | | | | | | | 4.2 | 5.4 |
| S | 2.0 | 3.5 | 3.1 | 1.0 | .2 | | | | | | | 9.8 | 6.5 |
| SSW | .8 | 1.7 | 2.0 | 1.2 | .2 | .0 | | | | | | 5.9 | 8.0 |
| SW | .7 | 1.7 | 1.5 | .7 | .0 | | | | | | | 4.7 | 7.0 |
| WSW | .5 | 1.2 | 1.0 | .2 | | | | | | | | 3.0 | 6.2 |
| W | 1.5 | 2.7 | 2.9 | 1.7 | .6 | .2 | | | | | | 9.6 | 8.2 |
| WNW | .3 | 1.6 | 3.4 | 2.7 | .7 | .1 | | | | | | 8.9 | 10.2 |
| NW | .7 | 2.0 | 3.7 | 2.9 | .7 | .2 | | | | | | 10.8 | 9.5 |
| NNW | .7 | 1.5 | 1.7 | 1.3 | .3 | .3 | | | | | | 5.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 12.1 | 25.4 | 30.2 | 17.1 | 4.0 | 1.1 | .1 | | | | | 100.0 | 7.4 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.0 | 2.2 | 2.0 | 1.1 | .0 | | | | | | | 6.3 | 7.1 |
| NNE | .8 | 1.0 | .7 | .8 | .2 | .0 | | | | | | 3.5 | 7.8 |
| NE | .4 | 1.1 | 1.3 | .9 | .1 | | | | | | | 3.8 | 8.4 |
| ENE | .3 | .7 | .6 | .7 | | | | | | | | 2.2 | 8.1 |
| E | 1.0 | 1.3 | 1.1 | .7 | .3 | .1 | | | | | | 4.7 | 8.3 |
| ESE | .6 | .7 | 1.0 | .4 | | | | | | | | 2.8 | 6.9 |
| SE | .7 | 1.2 | .8 | .3 | | | | | | | | 2.9 | 6.1 |
| SSE | .6 | 1.0 | .6 | .3 | .0 | | | | | | | 3.1 | 5.9 |
| S | 2.0 | 3.7 | 2.5 | 1.0 | .3 | | | | | | | 9.5 | 6.6 |
| SSW | .9 | 3.2 | 2.4 | 1.6 | .3 | .0 | | | | | | 8.4 | 7.9 |
| SW | 1.8 | 4.2 | 1.9 | 1.1 | .4 | | | | | | | 9.4 | 6.6 |
| WSW | 1.2 | 1.4 | 1.2 | .5 | .1 | | | | | | | 4.3 | 6.4 |
| W | 1.2 | 2.8 | 2.0 | 1.3 | .2 | | | | | | | 8.7 | 7.3 |
| WNW | .5 | 1.9 | 2.2 | 1.6 | .1 | .0 | | | | | | 6.3 | 8.2 |
| NW | .7 | 2.4 | 2.6 | 1.6 | .5 | .1 | | | | | | 7.9 | 8.7 |
| NNW | .3 | 1.3 | 2.0 | 1.2 | .1 | .0 | | | | | | 5.1 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 14.3 | 30.7 | 25.5 | 15.2 | 2.5 | .4 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2322

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 1.2 | 2.5 | 1.9 | .9 | .1 | | | | | | | 6.7 | 6.8 |
| NNE | .6 | 1.5 | .9 | 1.0 | .1 | | | | | | | 4.3 | 7.6 |
| NE | .5 | .8 | 1.4 | .7 | .1 | .0 | | | | | | 3.5 | 8.3 |
| ENE | .4 | 1.0 | 1.0 | .5 | .2 | | | | | | | 3.1 | 8.0 |
| E | .7 | 1.3 | 1.3 | .7 | .2 | .1 | | | | | | 4.4 | 8.1 |
| ESE | .1 | .7 | 1.2 | .4 | .1 | | | | | | | 2.5 | 8.1 |
| SE | .3 | 1.2 | .9 | .3 | | | | | | | | 2.7 | 6.6 |
| SSE | .9 | .8 | .6 | .4 | .0 | | | | | | | 2.6 | 6.6 |
| S | 1.3 | 2.4 | 1.7 | .8 | .1 | | | | | | | 6.3 | 6.4 |
| SSW | .9 | 2.0 | 1.9 | 1.2 | .4 | .1 | | | | | | 6.5 | 8.4 |
| SW | 1.2 | 3.4 | 2.0 | 1.3 | .3 | .0 | | | | | | 8.7 | 6.9 |
| WSW | 1.3 | 1.9 | 1.6 | .4 | | | | | | | | 5.3 | 6.0 |
| W | 1.1 | 3.4 | 3.0 | 1.0 | .2 | | | | | | | 8.7 | 7.0 |
| WNW | .6 | 2.0 | 1.6 | .8 | .3 | | | | | | | 5.5 | 7.7 |
| NW | 1.0 | 3.6 | 2.7 | 1.9 | .3 | .0 | | | | | | 9.6 | 7.9 |
| NNW | .4 | 1.5 | 1.7 | .6 | .0 | .1 | | | | | | 4.5 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 12.9 | 30.3 | 25.8 | 13.1 | 2.3 | .4 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2324

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.1 | 2.7 | 1.4 | .2 | | | | | | | 6.9 | 8.2 |
| NNE | .9 | 1.8 | 2.0 | .9 | .3 | | | | | | | 5.8 | 7.5 |
| NE | .3 | 1.2 | 1.9 | .9 | .1 | .0 | | | | | | 4.2 | 8.7 |
| ENE | .2 | .6 | 1.3 | 1.1 | .1 | | | | | | | 3.9 | 9.0 |
| E | .5 | 1.7 | 2.2 | .6 | .3 | .0 | | | | | | 5.5 | 8.2 |
| ESE | .4 | .8 | 1.5 | .3 | .2 | .0 | | | | | | 3.4 | 8.1 |
| SE | .9 | .9 | 1.0 | .3 | .1 | | | | | | | 2.8 | 7.3 |
| SSE | .6 | 1.1 | .0 | .3 | | | | | | | | 2.7 | 6.3 |
| S | 1.0 | 2.1 | 1.4 | .9 | .1 | | | | | | | 5.6 | 6.7 |
| SSW | .6 | 1.6 | 1.9 | 1.7 | .3 | .0 | | | | | | 6.2 | 9.0 |
| SW | 1.0 | 2.0 | 2.8 | 1.7 | .6 | .1 | | | | | | 8.3 | 8.7 |
| WSW | .7 | 1.9 | 1.6 | .9 | .3 | .0 | | | | | | 5.4 | 7.7 |
| W | 1.0 | 2.7 | 3.7 | 1.5 | .3 | .1 | | | | | | 9.2 | 8.1 |
| WNW | .3 | 1.4 | 2.3 | 2.2 | .3 | .2 | | | | | | 6.8 | 10.0 |
| NW | .8 | 1.6 | 3.0 | 2.2 | .7 | .1 | | | | | | 8.5 | 9.6 |
| NNW | .6 | 1.0 | 2.0 | 1.9 | .1 | .0 | | | | | | 5.7 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 10.2 | 24.4 | 32.0 | 19.1 | 3.9 | .7 | | | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 2324

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .5 | 1.4 | 3.3 | 2.6 | .6 | | | | | | | 8.4 | 9.7 |
| NNE | .2 | 1.1 | 1.7 | .9 | .2 | | | | | | | 4.0 | 8.6 |
| NE | .3 | .6 | 1.6 | .4 | .2 | .1 | | | | | | 3.4 | 8.8 |
| ENE | .1 | 1.1 | 1.0 | .6 | .1 | | | | | | | 3.5 | 8.2 |
| E | .3 | 2.3 | 2.8 | 1.8 | .2 | .1 | | | | | | 7.4 | 8.9 |
| ESE | .4 | 1.9 | 2.2 | 1.5 | .5 | | | | | | | 6.4 | 9.0 |
| SE | .3 | 1.2 | 1.6 | .7 | .3 | .1 | | | | | | 4.2 | 8.9 |
| SSE | .2 | .5 | .8 | .5 | .0 | | | | | | | 2.0 | 8.5 |
| S | .6 | 1.0 | 1.6 | .7 | .3 | .2 | | | | | | 4.4 | 9.0 |
| SSW | .2 | .8 | 1.6 | 1.6 | .2 | .0 | | | | | | 4.6 | 10.1 |
| SW | .3 | .6 | 2.6 | 3.3 | .3 | .6 | | | | | | 7.9 | 12.2 |
| WSW | .2 | 1.1 | 2.2 | 1.8 | .6 | .2 | | | | | | 6.0 | 10.7 |
| W | .7 | 1.1 | 1.9 | 3.6 | 1.0 | .3 | | | | | | 8.6 | 11.3 |
| WNW | .5 | .8 | 2.2 | 3.9 | 1.4 | .4 | | | | | | 9.2 | 12.3 |
| NW | .3 | .8 | 2.7 | 3.6 | .9 | .5 | .1 | | | | | 8.9 | 12.3 |
| NNW | .4 | .7 | 1.9 | 2.8 | .6 | .3 | | | | | | 6.7 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.1 | |
| | 5.3 | 17.4 | 32.1 | 30.5 | 7.6 | 2.8 | .1 | | | | | 100.0 | 10.0 |

TOTAL NUMBER OF OBSERVATIONS 232

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.4 | 2.8 | 2.0 | .4 | .0 | | | | | | 7.0 | 9.6 |
| NNE | .3 | .7 | .9 | .5 | | .1 | | | | | | 2.5 | 8.3 |
| NE | .3 | .6 | .7 | .4 | .2 | .1 | | | | | | 2.2 | 9.1 |
| ENE | .2 | .6 | 1.1 | .3 | .2 | .0 | | | | | | 2.4 | 9.2 |
| E | .4 | 2.5 | 3.1 | 1.7 | .4 | .1 | | | | | | 8.1 | 8.8 |
| ESE | .3 | 2.0 | 3.7 | 2.5 | .5 | | | | | | | 9.0 | 9.3 |
| SE | .4 | 2.0 | 3.1 | 2.7 | .6 | .3 | .0 | | | | | 9.1 | 10.0 |
| SSE | .1 | .4 | .6 | .6 | .1 | .0 | .0 | | | | | 1.9 | 10.4 |
| S | .1 | .3 | .9 | 1.0 | .2 | .2 | | | | | | 2.8 | 11.4 |
| SSW | .0 | .3 | 1.2 | 2.5 | .3 | | | | | | | 4.4 | 12.0 |
| SW | .3 | .5 | 1.7 | 2.7 | .9 | .5 | .1 | | | | | 6.6 | 13.0 |
| WSW | .1 | .6 | 2.4 | 3.1 | .4 | .1 | | | | | | 6.6 | 11.4 |
| W | .2 | 1.6 | 3.4 | 4.6 | 1.0 | .3 | .1 | | | | | 11.1 | 11.6 |
| WNW | .2 | .8 | 2.3 | 3.7 | 1.4 | .7 | | | | | | 9.1 | 13.0 |
| NW | .2 | 1.1 | 2.7 | 3.7 | 1.8 | .5 | .1 | | | | | 10.1 | 12.6 |
| NNW | .2 | .5 | 2.3 | 1.9 | .6 | .0 | | | | | | 5.5 | 11.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 3.6 | 15.8 | 32.8 | 33.7 | 9.0 | 3.1 | .4 | | | | | 100.0 | 10.8 |

TOTAL NUMBER OF OBSERVATIONS 2322

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | APR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.1 | 3.1 | 1.2 | .2 | .1 | | | | | | 5.9 | 9.3 |
| NNE | .2 | .3 | .6 | .5 | .1 | .1 | | | | | | 1.9 | 10.0 |
| NE | .2 | .3 | 1.0 | .3 | .4 | .2 | | | | | | 2.2 | 10.3 |
| ENE | .1 | .4 | .5 | .7 | .0 | .1 | | | | | | 1.8 | 10.2 |
| E | .6 | 1.9 | 2.1 | 1.6 | .1 | .1 | | | | | | 6.4 | 8.3 |
| ESE | .1 | 2.3 | 5.0 | 3.1 | .4 | | | | | | | 10.9 | 9.4 |
| SE | .3 | 1.7 | 5.0 | 3.2 | .6 | .2 | | | | | | 11.2 | 9.8 |
| SSE | .2 | .4 | .9 | 1.0 | | .1 | | .0 | | | | 2.6 | 10.6 |
| S | .0 | .5 | 1.2 | 1.9 | .5 | .0 | .0 | | | | | 4.1 | 11.6 |
| SSW | | .4 | 1.6 | 2.4 | .3 | .0 | | | | | | 4.7 | 11.7 |
| SW | .0 | .5 | 2.2 | 2.7 | .6 | .0 | .0 | .0 | | | | 6.2 | 11.9 |
| WSW | .1 | .8 | 1.9 | 1.8 | .3 | .0 | | | | | | 4.7 | 10.1 |
| W | .3 | 1.3 | 3.8 | 3.8 | .9 | .4 | | | | | | 10.4 | 11.0 |
| WNW | .1 | .7 | 2.5 | 3.9 | 1.5 | .5 | .0 | | | | | 9.4 | 12.9 |
| NW | .1 | 1.1 | 3.4 | 4.2 | 1.6 | .3 | | | | | | 10.6 | 12.2 |
| NNW | .2 | .4 | 1.9 | 2.9 | .2 | .2 | | | | | | 5.7 | 11.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 2.9 | 14.3 | 36.3 | 34.8 | 7.7 | 2.3 | .1 | .1 | | | | 100.0 | 10.6 |

TOTAL NUMBER OF OBSERVATIONS 2315

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | 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 - 53 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.5 | 1.8 | .9 | .4 | .1 | | | | | | 5.3 | 8.0 |
| NNE | .2 | .6 | .6 | .4 | .2 | | | | | | | 1.9 | 8.9 |
| NE | .0 | .5 | .8 | .7 | .2 | | | | | | | 2.2 | 10.2 |
| ENE | .1 | .3 | 1.0 | .4 | .2 | .0 | | | | | | 2.2 | 10.1 |
| E | .6 | 1.0 | 2.0 | 1.2 | .1 | .0 | | | | | | 4.9 | 8.4 |
| ESE | .6 | 2.5 | 3.0 | .9 | .3 | .0 | | | | | | 7.4 | 7.7 |
| SE | 1.0 | 3.4 | 3.9 | 1.4 | | .1 | | | | | | 9.8 | 7.3 |
| SSE | 1.2 | 2.5 | 2.7 | .4 | | | | | | | | 6.8 | 6.4 |
| S | 1.2 | 2.1 | 4.5 | 2.5 | .1 | .0 | | | | | | 10.6 | 8.3 |
| SSW | .6 | 1.9 | 2.5 | 1.2 | .1 | | | | | | | 6.3 | 8.0 |
| SW | 1.1 | 1.6 | 2.0 | .7 | .1 | .0 | | | | | | 5.6 | 7.5 |
| WSW | .7 | 1.3 | 1.0 | .3 | .1 | | | | | | | 3.4 | 6.2 |
| W | .9 | 2.2 | 2.5 | 1.5 | .3 | .1 | | | | | | 7.5 | 8.2 |
| WNW | .4 | 1.5 | 2.6 | 2.0 | .3 | .2 | | | | | | 7.0 | 9.8 |
| NW | .6 | 1.3 | 3.0 | 2.6 | .9 | .2 | | .0 | | | | 8.6 | 10.6 |
| NNW | .8 | 1.0 | 1.7 | 1.3 | .2 | .0 | | | | | | 4.9 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 10.5 | 25.5 | 35.6 | 18.4 | 3.4 | 1.0 | | .0 | | | | 100.1 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 2320

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .5 | .9 | 1.3 | 1.3 | .2 | .1 | | | | | | 4.3 | 8.9 |
| NNE | .2 | .7 | 1.1 | .9 | .0 | | | | | | | 2.9 | 8.2 |
| NE | .4 | .5 | 1.4 | 1.3 | .3 | | | | | | | 3.9 | 9.7 |
| ENE | .3 | .7 | .7 | .6 | .1 | | | | | | | 2.5 | 8.3 |
| E | .6 | 1.3 | 1.6 | .7 | .1 | .0 | | | | | | 4.4 | 8.0 |
| ESE | .6 | 1.2 | 1.2 | .3 | .2 | | | | | | | 3.5 | 7.2 |
| SE | 1.0 | 2.1 | 1.9 | .4 | | | | | | | | 5.4 | 6.2 |
| SSE | 1.2 | 2.4 | 1.3 | .4 | | | | | | | | 5.2 | 5.6 |
| S | 2.9 | 3.8 | 4.6 | 1.9 | .2 | .0 | | | | | | 13.7 | 6.9 |
| SSW | 1.6 | 3.3 | 2.7 | 1.8 | .3 | .1 | | | | | | 9.8 | 7.7 |
| SW | .9 | 3.4 | 2.1 | 1.0 | .0 | | | | | | | 7.5 | 7.2 |
| WSW | .8 | 1.7 | .9 | .5 | | | | | | | | 3.9 | 7.4 |
| W | 1.1 | 1.9 | 2.3 | 1.6 | .3 | .0 | | | | | | 7.2 | 8.0 |
| WNW | .2 | 1.0 | 2.2 | 1.2 | | .0 | | | | | | 4.7 | 8.9 |
| NW | .3 | 1.5 | 3.3 | 2.2 | .5 | .3 | .0 | | | | | 8.1 | 10.2 |
| NNW | .3 | .7 | 2.2 | .9 | .3 | .1 | .1 | | | | | 4.5 | 10.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 13.0 | 26.9 | 31.0 | 16.6 | 2.6 | .7 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2317

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.3 | 1.6 | .9 | .0 | | | | | | | 6.1 | 6.5 |
| NNE | .7 | 1.3 | 1.2 | .3 | .0 | .1 | | | | | | 3.7 | 7.0 |
| NE | .8 | 1.0 | 1.7 | .5 | .0 | | | | | | | 3.9 | 7.2 |
| ENE | .1 | .7 | 1.2 | .5 | .1 | | | | | | | 2.7 | 8.7 |
| E | .8 | 1.5 | 1.3 | .6 | .1 | .1 | | | | | | 4.4 | 7.[illegible] |
| ESE | .4 | .8 | .8 | .4 | .0 | | | | | | | 2.5 | 7.1 |
| SE | 1.1 | 1.0 | 1.3 | .2 | .2 | | | | | | | 3.8 | 6.5 |
| SSE | .6 | 1.3 | .7 | .2 | | | | | | | | 3.0 | 5.3 |
| S | 2.3 | 3.7 | 3.7 | 1.2 | .1 | .0 | | | | | | 11.2 | 6.4 |
| SSW | 1.6 | 4.3 | 3.3 | 1.2 | .0 | | | | | | | 10.5 | 6.5 |
| SW | 1.5 | 4.1 | 3.5 | 1.1 | .1 | | | | | | | 10.3 | 6.5 |
| WSW | 1.0 | 1.9 | 1.5 | .4 | | | | | | | | 4.8 | 6.1 |
| W | 1.2 | 3.1 | 2.5 | .5 | | | | | | | | 7.2 | 6.2 |
| WNW | .6 | 1.1 | .9 | .5 | | | | | | | | 3.0 | 6.8 |
| NW | .9 | 1.2 | 2.3 | .6 | .1 | .2 | .0 | | | | | 5.3 | 8.0 |
| NNW | .8 | 1.5 | 1.4 | .5 | | | | | | | | 4.2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.5 | |
| | 16.0 | 30.8 | 28.7 | 9.6 | .9 | .4 | .0 | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.9 | 2.6 | 1.7 | .6 | .2 | | | | | | | 6.9 | 6.1 |
| NNE | .7 | 1.7 | 1.8 | .5 | | | | | | | | 4.7 | 6.8 |
| NE | .7 | 1.6 | 2.0 | .7 | .0 | | | | | | | 5.1 | 7.3 |
| ENE | .5 | .7 | 1.4 | .1 | .2 | .0 | | | | | | 2.9 | 7.9 |
| E | .8 | 1.0 | 1.5 | .4 | .3 | .1 | | | | | | 4.2 | 8.0 |
| ESE | .3 | 1.1 | .6 | .2 | .0 | | | | | | | 2.3 | 6.7 |
| SE | .7 | 1.0 | .7 | .5 | .2 | | | | | | | 3.0 | 7.4 |
| SSE | .5 | 1.0 | .2 | .1 | .1 | .0 | | | | | | 1.9 | 6.3 |
| S | 1.5 | 3.0 | 2.5 | .5 | .2 | .0 | | | | | | 7.9 | 6.4 |
| SSW | 1.7 | 2.9 | 3.6 | 1.0 | .0 | | | | | | | 9.3 | 6.6 |
| SW | 1.5 | 3.6 | 2.8 | 1.0 | .2 | | | | | | | 9.1 | 6.7 |
| WSW | 1.1 | 2.5 | .7 | .3 | | .0 | | | | | | 4.9 | 5.4 |
| W | 1.3 | 3.1 | 2.8 | .5 | .0 | | | | | | | 7.7 | 6.3 |
| WNW | 1.0 | 1.6 | 1.5 | .2 | | | | | | | | 4.2 | 6.0 |
| NW | .7 | 2.3 | 2.3 | .7 | .1 | .1 | | | | | | 6.2 | 7.2 |
| NNW | .9 | 1.1 | 1.3 | .2 | | | | | | | | 3.5 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 15.8 | 30.8 | 27.5 | 7.5 | 1.5 | .3 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 2408

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

0600-0800
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.0 | 2.3 | 1.4 | .1 | | | | | | | 7.0 | 7.5 |
| NNE | .4 | 2.1 | 2.3 | .7 | .1 | | | | | | | 5.7 | 7.3 |
| NE | .3 | 2.2 | 2.6 | .9 | .2 | | | | | | | 6.4 | 8.0 |
| ENE | .3 | 1.1 | 2.4 | .9 | .1 | | | | | | | 4.8 | 7.7 |
| E | .3 | 1.2 | 2.4 | .7 | .3 | .2 | .0 | | | | | 5.2 | 9.2 |
| ESE | .3 | 1.1 | 1.2 | .4 | .2 | | | | | | | 3.2 | 7.7 |
| SE | .3 | 1.2 | 1.0 | .5 | .2 | | | | | | | 3.4 | 7.2 |
| SSE | .3 | 1.0 | .7 | .2 | | | | | | | | 2.4 | 6.2 |
| S | .6 | 2.0 | 2.2 | 1.2 | .3 | | | | | | | 6.3 | 8.1 |
| SSW | .9 | 1.6 | 2.6 | 1.4 | .1 | | | | | | | 6.8 | 8.0 |
| SW | .9 | 2.3 | 3.2 | 2.3 | .3 | | | | | | | 9.1 | 8.5 |
| WSW | .8 | 2.2 | 2.3 | .6 | .2 | .0 | .1 | | | | | 6.2 | 7.5 |
| W | 1.1 | 2.3 | 3.3 | 1.2 | .1 | .0 | | | | | | 8.4 | 7.3 |
| WNW | .6 | 1.2 | 1.8 | .7 | .1 | | | | | | | 4.4 | 7.3 |
| NW | .8 | 1.1 | 2.6 | 1.4 | .4 | .1 | | | | | | 6.4 | 9.0 |
| NNW | .6 | 1.4 | 2.3 | 1.2 | .3 | | | | | | | 5.9 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 10.4 | 26.0 | 36.1 | 15.3 | 2.9 | .4 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.7 | 3.2 | 1.9 | .2 | .0 | | | | | | 7.5 | 8.0 |
| NNE | .5 | .7 | 1.7 | . | .1 | | | | | | | 3.7 | 8.3 |
| NE | .7 | 1.5 | 2.0 | .3 | .2 | .1 | | | | | | 5.0 | 7.5 |
| ENE | .6 | 1.2 | 2.1 | .8 | .1 | .0 | | | | | | 4.8 | 7.9 |
| E | .6 | 2.6 | 3.9 | 1.4 | .4 | .3 | .0 | | | | | 9.2 | 8.8 |
| ESE | .6 | 1.8 | 2.5 | .9 | .0 | | | | | | | 5.8 | 7.5 |
| SE | .5 | .7 | 2.7 | 1.1 | | | | | | | | 5.1 | 6.5 |
| SSE | .2 | .5 | .7 | .2 | .0 | | | | | | | 1.7 | 7.0 |
| S | .5 | .9 | 1.2 | 1.0 | .1 | | | | | | | 4.4 | 8.3 |
| SSW | .2 | .9 | 2.5 | 1.6 | .2 | .1 | | | | | | 5.6 | 10.0 |
| SW | .4 | 1.1 | 2.9 | 2.5 | 1.0 | .1 | | | | | | 8.0 | 10.3 |
| WSW | .3 | .9 | 3.0 | 1.6 | .3 | .1 | | | | | | 6.2 | 9.7 |
| W | .7 | 1.5 | 3.7 | 2.8 | .3 | | | | | | | 9.2 | 9.3 |
| WNW | .2 | 1.0 | 2.6 | 2.4 | .6 | .0 | | | | | | 6.8 | 10.5 |
| NW | .5 | .5 | 2.4 | 2.8 | .5 | .0 | | | | | | 6.7 | 10.7 |
| NNW | .3 | 1.0 | 2.2 | 2.3 | .3 | | | | | | | 6.0 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 7.5 | 18.7 | 40.0 | 24.2 | 4.3 | .9 | .0 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.4 | 2.0 | 1.0 | .2 | | | | | | | 5.0 | 8.2 |
| NNE | .2 | .5 | .7 | .7 | .1 | | | | | | | 2.3 | 8.8 |
| NE | .4 | 1.0 | 1.2 | .5 | .1 | .2 | | | | | | 3.3 | 8.3 |
| ENE | .5 | .7 | 1.0 | .5 | .2 | | | | | | | 2.9 | 7.9 |
| E | .5 | 2.5 | 4.5 | 2.3 | .2 | .3 | | | | | | 10.4 | 9.0 |
| ESE | .2 | 1.7 | 5.7 | 2.3 | .1 | | | | | | | 10.0 | 9.1 |
| SE | .2 | 1.6 | 4.4 | 3.4 | .2 | | | | | | | 9.7 | 9.6 |
| SSE | .3 | .3 | .5 | .4 | | | | | | | | 1.5 | 7.5 |
| S | .2 | .7 | 1.0 | 1.1 | .1 | .1 | | | | | | 3.2 | 9.9 |
| SSW | .2 | .7 | 1.7 | 2.0 | .2 | .3 | | | | | | 5.1 | 11.4 |
| SW | .2 | .8 | 2.9 | 3.2 | 1.0 | .2 | | | | | | 8.3 | 11.6 |
| WSW | .2 | 1.0 | 2.2 | 2.1 | .2 | .1 | | | | | | 5.9 | 10.1 |
| W | .4 | 1.3 | 4.0 | 4.0 | .7 | .2 | | | | | | 10.6 | 10.6 |
| WNW | .2 | .9 | 2.7 | 3.1 | .5 | | | | | | | 7.4 | 10.7 |
| NW | .3 | 1.0 | 2.3 | 3.1 | .5 | | | | | | | 7.2 | 10.7 |
| NNW | .1 | 1.2 | 1.7 | 1.8 | .2 | | | | | | | 5.1 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.1 | |
| | 4.7 | 17.2 | 38.5 | 31.4 | 4.8 | 1.3 | | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L S T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.4 | 2.1 | 1.2 | .2 | | | | | | | 5.4 | 8.4 |
| NNE | .2 | .3 | .5 | .3 | | | | | | | | 1.4 | 8.1 |
| NE | .2 | .4 | .8 | .5 | .2 | | | | | | | 2.1 | 9.3 |
| ENE | .3 | .7 | .7 | .7 | .3 | | | | | | | 2.4 | 10.1 |
| E | .4 | 1.6 | 3.0 | 1.7 | .2 | .1 | | | | | | 7.0 | 8.9 |
| ESE | .3 | 2.0 | 7.4 | 2.1 | .2 | .0 | | | | | | 12.1 | 8.9 |
| SE | .3 | 1.8 | 6.5 | 4.2 | .4 | | | | | | | 13.2 | 9.7 |
| SSE | .1 | .5 | 1.3 | .8 | .0 | .1 | | | | | | 2.9 | 9.7 |
| S | .5 | .7 | 1.8 | 1.5 | .3 | .1 | | | | | | 5.0 | 9.9 |
| SSW | .0 | .6 | 2.2 | 2.2 | .8 | .0 | | | | | | 5.3 | 11.5 |
| SW | .1 | .7 | 3.2 | 2.6 | .7 | .2 | .0 | | | | | 7.7 | 11.2 |
| WSW | .1 | .9 | 2.1 | 1.8 | .3 | .1 | | | | | | 5.4 | 10.2 |
| W | .2 | 1.2 | 4.9 | 3.2 | .5 | .1 | | | | | | 10.1 | 10.2 |
| WNW | .1 | .7 | 2.7 | 3.0 | .5 | .1 | | | | | | 7.1 | 11.0 |
| NW | .2 | 1.1 | 2.8 | 2.8 | .5 | | | | | | | 7.2 | 10.2 |
| NNW | .2 | .6 | 1.5 | 1.5 | .2 | | | | | | | 4.0 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.2 | |
| | 3.6 | 15.6 | 43.8 | 29.8 | 5.3 | .7 | .0 | | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| 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 | .5 | 1.3 | 1.7 | .8 | .0 | .0 | | | | | | 4.3 | 7.6 |
| NNE | .2 | .8 | .2 | .7 | | | | | | | | 1.6 | 8.3 |
| NE | .1 | .6 | .6 | .5 | .2 | | | | | | | 2.0 | 9.4 |
| ENE | .1 | .3 | .8 | .7 | .2 | | | | | | | 2.2 | 10.4 |
| E | .5 | 1.2 | 2.5 | .8 | .2 | .0 | | | | | | 5.3 | 8.4 |
| ESE | .9 | 3.0 | 3.1 | .9 | | | | | | | | 7.9 | 6.9 |
| SE | 1.2 | 4.4 | 5.5 | 1.3 | .1 | | | | | | | 12.5 | 7.2 |
| SSE | 1.0 | 2.9 | 2.9 | 1.0 | .1 | | | | | | | 7.6 | 7.1 |
| S | .9 | 3.3 | 3.7 | 1.9 | .1 | | | | | | | 9.9 | 7.7 |
| SSW | .7 | 2.7 | 4.0 | 1.6 | .2 | | | | | | | 9.2 | 8.0 |
| SW | .6 | 2.9 | 2.7 | .7 | .0 | | | | | | | 6.9 | 7.0 |
| WSW | .9 | 1.7 | 1.7 | .2 | .0 | | | | | | | 4.7 | 6.3 |
| W | 1.2 | 2.8 | 2.4 | .9 | .1 | | | | | | | 7.4 | 6.8 |
| WNW | .6 | 1.5 | 1.6 | .9 | .1 | | | | | | | 4.7 | 7.7 |
| NW | .5 | 1.4 | 2.0 | .6 | .0 | | | | | | | 4.6 | 7.6 |
| NNW | .4 | 1.2 | 1.2 | .8 | .1 | | | | | | | 3.7 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 10.2 | 31.5 | 36.5 | 14.4 | 1.7 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.5 | 1.4 | .3 | .1 | .1 | | | | | | 4.4 | 7.0 |
| NNE | .2 | .6 | 1.0 | .5 | .0 | | | | | | | 2.5 | 8.3 |
| NE | .3 | .5 | 1.4 | .7 | .1 | | | | | | | 3.0 | 9.1 |
| ENE | .2 | .4 | .6 | .8 | .0 | | | | | | | 2.0 | 9.1 |
| E | .0 | 1.2 | 2.2 | .9 | .0 | .0 | | | | | | 5.2 | 7.5 |
| ESE | 1.0 | 1.4 | 1.2 | .4 | .1 | | | | | | | 4.2 | 6.3 |
| SE | 1.2 | 2.2 | 2.0 | .4 | | | | | | | | 5.8 | 6.1 |
| SSE | 1.3 | 2.0 | 1.8 | .5 | | | | | | | | 6.4 | 6.0 |
| S | 1.8 | 5.5 | 5.7 | 1.5 | | | | | | | | 14.5 | 6.3 |
| SSW | 1.1 | 3.1 | 4.1 | 1.4 | .1 | .0 | | | | | | 9.8 | 7.5 |
| SW | 1.5 | 3.4 | 3.0 | .9 | | | | | | | | 8.9 | 6.6 |
| WSW | 1.0 | 1.8 | 1.8 | .2 | .0 | | | | | | | 4.9 | 6.1 |
| W | 1.2 | 2.0 | 2.0 | .4 | .0 | | | | | | | 6.2 | 6.2 |
| WNW | .7 | 1.0 | 1.0 | .3 | | | | | | | | 2.9 | 6.1 |
| NW | .3 | 1.3 | 1.4 | 1.0 | .0 | .2 | | | | | | 4.2 | 8.5 |
| NNW | .4 | .9 | 1.4 | 1.0 | .0 | | | | | | | 3.7 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 14.0 | 30.4 | 31.9 | 11.4 | .7 | .3 | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 2401

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (YEARS) | JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.4 | 1.2 | .3 | | | | | | | | 3.5 | 6.0 |
| NNE | .3 | .4 | .8 | .4 | .0 | | | | | | | 2.3 | 7.3 |
| NE | .2 | .4 | 1.1 | .4 | | .0 | | | | | | 2.1 | 8.5 |
| ENE | .1 | .5 | 1.0 | .4 | | | | | | | | 2.1 | 8.0 |
| E | .5 | 1.3 | 1.1 | .4 | .1 | | | | | | | 3.4 | 7.1 |
| ESE | .5 | 1.0 | .3 | .2 | .0 | | | | | | | 2.0 | 6.0 |
| SE | .6 | 1.2 | .5 | | .0 | .1 | | | | | | 2.4 | 5.9 |
| SSE | 1.0 | 1.6 | .8 | .0 | | | | | | | | 3.4 | 5.0 |
| S | 3.4 | 5.8 | 2.4 | 1.1 | .1 | .0 | | | | | | 12.7 | 5.7 |
| SSW | 2.2 | 5.5 | 4.7 | .7 | .0 | .1 | | | | | | 13.2 | 6.3 |
| SW | 1.6 | 5.8 | 5.2 | .9 | .0 | | | | | | | 13.9 | 6.7 |
| WSW | 1.7 | 2.7 | 2.2 | .3 | .0 | | | | | | | 7.0 | 5.8 |
| W | 2.1 | 3.4 | 1.7 | .1 | | .0 | | | | | | 7.4 | 5.3 |
| WNW | .7 | 1.1 | .9 | .3 | | | | | | | | 2.9 | 5.8 |
| NW | .9 | 1.4 | .8 | .4 | .2 | | | | | | | 3.8 | 6.4 |
| NNW | .2 | 1.0 | .8 | .2 | | | | | | | | 2.3 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 16.7 | 35.1 | 25.5 | 6.1 | .7 | .3 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2291

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 1.0 | 2.3 | 1.2 | .3 | | | | | | | | 5.3 | 5.7 |
| NNE | .3 | .9 | 1.1 | .4 | .0 | | | | | | | 2.7 | 7.5 |
| NE | .3 | .9 | 1.6 | .4 | .0 | | | | | | | 3.2 | 8.0 |
| ENE | .3 | .4 | .8 | .5 | | | | | | | | 2.0 | 8.2 |
| E | .5 | 1.0 | .9 | .4 | .3 | | | | | | | 3.1 | 7.9 |
| ESE | .2 | .7 | .5 | .3 | | | | | | | | 1.7 | 7.1 |
| SE | .0 | .7 | .4 | .0 | | | | | | | | 1.3 | 4.9 |
| SSE | .9 | 1.0 | .7 | .2 | | | | | | | | 2.7 | 5.4 |
| S | 1.7 | 2.9 | 2.1 | .3 | | | | | | | | 7.1 | 5.7 |
| SSW | 2.7 | 3.5 | 3.1 | .7 | | | | | | | | 10.0 | 5.9 |
| SW | 2.7 | 6.3 | 4.3 | .7 | .0 | .0 | | | | | | 14.2 | 6.0 |
| WSW | 2.3 | 2.6 | 1.5 | .3 | .1 | | | | | | | 7.0 | 5.4 |
| W | 2.6 | 3.6 | 1.7 | .2 | | | | | | | | 8.2 | 5.0 |
| WNW | .9 | 1.2 | 1.1 | .3 | | | | | | | | 3.4 | 6.0 |
| NW | 1.2 | 2.2 | 1.3 | .3 | | | | | | | | 5.0 | 5.6 |
| NNW | 1.0 | 1.4 | .9 | .3 | | | | | | | | 4.0 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.4 | |
| | 19.9 | 32.4 | 23.2 | 5.7 | .5 | .0 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 2293

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.6 | 2.2 | .8 | | | | | | | | 6.7 | 6.5 |
| NNE | .3 | 1.0 | 2.2 | .8 | .0 | | | | | | | 4.3 | 8.0 |
| NE | .1 | 1.0 | 2.2 | 1.1 | .0 | | | | | | | 4.6 | 8.7 |
| ENE | .0 | .8 | .3 | .6 | | | | | | | | 2.3 | 8.3 |
| E | .4 | 1.6 | 1.9 | .4 | .3 | .0 | | | | | | 4.7 | 8.0 |
| ESE | .3 | .7 | .9 | .2 | .0 | .0 | | | | | | 2.3 | 7.3 |
| SE | .4 | 1.0 | 1.0 | .4 | | | | | | | | 2.5 | 6.3 |
| SSE | .4 | .7 | .5 | .1 | | | | | | | | 1.7 | 6.0 |
| S | 1.4 | 2.2 | 2.6 | .7 | | | | | | | | 6.9 | 6.1 |
| SSW | 1.4 | 2.3 | 2.5 | 1.3 | .0 | | | | | | | 7.5 | 7.1 |
| SW | 1.5 | 3.6 | 5.4 | 1.8 | .2 | .0 | | | | | | 12.5 | 7.6 |
| WSW | 1.0 | 2.7 | 3.4 | .8 | .0 | | | | | | | 8.0 | 7.0 |
| W | 1.1 | 3.4 | 3.3 | .9 | | | | | | | | 8.7 | 6.7 |
| WNW | .5 | 1.8 | 1.9 | .8 | .2 | .1 | | | | | | 5.4 | 8.0 |
| NW | .4 | 2.5 | 3.0 | .8 | .2 | | | | | | | 6.9 | 7.5 |
| NNW | .7 | 1.8 | 2.0 | .8 | .1 | | | | | | | 5.4 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 11.2 | 29.7 | 36.0 | 12.1 | 1.2 | .2 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2290

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | 1.8 | 3.1 | 1.1 | .1 | | | .0 | | | | 6.7 | 8.3 |
| NNE | .3 | 1.4 | 2.1 | .9 | | | | | | | | 4.7 | 7.9 |
| NE | .3 | 1.0 | 1.7 | 1.0 | .1 | | | | | | | 4.0 | 8.7 |
| ENE | .3 | 1.1 | 1.5 | .4 | .1 | | | | | | | 3.3 | 7.7 |
| E | .4 | 2.8 | 3.8 | 1.1 | .1 | | | | | | | 8.2 | 7.7 |
| ESE | .5 | 2.2 | 2.0 | .9 | .1 | .0 | | | | | | 5.7 | 7.6 |
| SE | .7 | 1.0 | 1.9 | .8 | .1 | .0 | | | | | | 4.5 | 8.0 |
| SSE | .2 | .6 | .8 | .3 | .0 | | | | | | | 2.1 | 7.4 |
| S | .6 | 1.3 | 1.7 | .7 | .0 | | | | | | | 4.3 | 7.6 |
| SSW | .5 | 1.5 | 2.2 | 1.8 | .1 | | | | | | | 6.1 | 8.7 |
| SW | .6 | 2.2 | 4.5 | 2.9 | .2 | .0 | | | | | | 10.4 | 9.0 |
| WSW | .5 | 1.8 | 3.7 | 1.6 | .0 | | | | | | | 7.6 | 8.3 |
| W | .7 | 2.9 | 3.6 | 1.7 | .1 | .1 | | | | | | 9.1 | 8.1 |
| WNW | .4 | 1.0 | 2.2 | 1.8 | .2 | .1 | | | | | | 5.7 | 9.5 |
| NW | .4 | 1.4 | 3.7 | 2.1 | .4 | .1 | | | | | | 8.2 | 9.6 |
| NNW | .3 | 1.3 | 2.2 | 1.4 | .2 | | | .0 | | | | 5.5 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.7 | |
| | 7.2 | 25.6 | 40.5 | 20.5 | 2.0 | .4 | | .1 | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2291

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.2 | 2.4 | .8 | .1 | .0 | | | | | | 5.0 | 8.3 |
| NNE | .3 | .6 | 1.3 | .5 | .2 | | | | | | | 3.1 | 8.4 |
| NE | .1 | .8 | 1.5 | .5 | | | | | | | | 3.0 | 8.4 |
| ENE | .2 | .9 | .5 | .5 | .3 | | | | | | | 2.4 | 9.1 |
| E | .5 | 3.4 | 4.8 | 1.5 | .1 | | | | | | | 10.2 | 7.7 |
| ESE | .5 | 2.2 | 6.7 | 2.1 | .0 | | | | | | | 11.6 | 8.9 |
| SE | .3 | 1.8 | 4.3 | 2.7 | .3 | | | | | | | 9.5 | 9.4 |
| SSE | .3 | .6 | .8 | .1 | .1 | | | | | | | 1.9 | 7.3 |
| S | .2 | .7 | 1.1 | .8 | .3 | | | | | | | 3.1 | 9.6 |
| SSW | .2 | 1.0 | 1.7 | 1.1 | .3 | | | | | | | 5.1 | 9.6 |
| SW | .4 | 1.3 | 4.0 | 2.4 | .3 | .1 | | | | | | 8.5 | 9.7 |
| WSW | .1 | 1.1 | 3.0 | 2.1 | .3 | .0 | | | | | | 6.7 | 9.8 |
| W | .3 | 2.3 | 4.1 | 3.3 | .6 | .2 | | | | | | 10.8 | 9.7 |
| WNW | .1 | .7 | 2.2 | 2.6 | .1 | | | | | | | 5.5 | 10.3 |
| NW | .6 | 1.2 | 2.9 | 1.9 | .5 | .0 | | | | | | 7.1 | 9.4 |
| NNW | .1 | .7 | 1.4 | 1.4 | .0 | | | | | | | 3.6 | 9.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 4.8 | 20.9 | 42.6 | 25.5 | 3.5 | .4 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 2294

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 1.0 | 1.9 | .7 | .1 | | | | | | | 4.2 | 8.3 |
| NNE | .3 | .4 | .9 | .4 | | | | | | | | 2.1 | 8.2 |
| NE | .1 | .3 | .4 | .5 | .2 | | | | | | | 1.7 | 9.5 |
| ENE | .2 | .4 | .9 | .6 | .1 | .0 | | | | | | 2.3 | 9.4 |
| E | .3 | 2.1 | 3.2 | 1.6 | .0 | | | | | | | 7.3 | 8.4 |
| ESE | .5 | 2.7 | 7.5 | 2.9 | .3 | .0 | | | | | | 13.9 | 8.8 |
| SE | .3 | 2.7 | 6.9 | 3.7 | .6 | | | | | | | 14.3 | 9.5 |
| SSE | .1 | 1.0 | 1.1 | .7 | .3 | .0 | | | | | | 3.2 | 9.3 |
| S | .3 | .7 | 1.2 | 1.0 | .3 | .0 | | | | | | 3.5 | 9.9 |
| SSW | .2 | .4 | 2.0 | 2.4 | .2 | | | | | | | 5.1 | 10.6 |
| SW | .2 | 1.7 | 4.3 | 2.9 | .3 | .1 | | | | | | 9.5 | 9.8 |
| WSW | .1 | 1.2 | 3.1 | 1.7 | .2 | .0 | | | | | | 6.4 | 9.3 |
| W | .3 | 2.0 | 4.6 | 3.0 | .3 | | | | | | | 10.2 | 9.2 |
| WNW | .1 | 1.1 | 2.5 | 1.6 | .4 | | | | | | | 5.8 | 9.6 |
| NW | .3 | 1.0 | 2.3 | 1.9 | .7 | | | | | | | 6.1 | 10.1 |
| NNW | .2 | .7 | 1.2 | 1.0 | .2 | | | | | | | 3.2 | 9.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 4.0 | 19.8 | 44.0 | 26.5 | 4.1 | .3 | | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 2294

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | .4 | .8 | 1.0 | .4 | | | | | | | | 2.7 | 7.2 |
| NNE | .3 | .4 | .6 | .3 | | | | | | | | 1.7 | 7.6 |
| NE | .1 | .3 | .6 | .4 | .1 | | | | | | | 1.5 | 9.3 |
| ENE | .2 | .4 | .7 | .4 | .1 | .0 | | | | | | 2.0 | 9.1 |
| E | .7 | 1.2 | 2.1 | .8 | | | | | | | | 4.9 | 7.5 |
| ESE | .7 | 2.6 | 3.2 | .6 | | .0 | | | | | | 7.1 | 6.9 |
| SE | 1.3 | 5.4 | 5.1 | 1.0 | .1 | | | | | | | 13.0 | 6.9 |
| SSE | 1.0 | 2.8 | 3.4 | .9 | .0 | | | | | | | 8.7 | 6.6 |
| S | 1.5 | 3.7 | 3.2 | 1.4 | | | | | | | | 9.7 | 6.8 |
| SSW | 1.0 | 3.1 | 3.6 | 1.2 | .0 | | | | | | | 9.0 | 7.2 |
| SW | .8 | 4.1 | 3.7 | 1.1 | .2 | | | | | | | 9.9 | 7.1 |
| WSW | 1.0 | 2.0 | 2.2 | .4 | .2 | | | | | | | 5.8 | 6.8 |
| W | 1.3 | 3.1 | 2.1 | .9 | .1 | .0 | .0 | | | | | 7.6 | 7.0 |
| WNW | .5 | .9 | 1.0 | .4 | .0 | | | | | | | 2.8 | 7.2 |
| NW | .6 | 1.3 | 1.2 | .4 | .2 | .0 | | | | | | 3.8 | 7.7 |
| NNW | .7 | 1.0 | 1.1 | .4 | .1 | .0 | | | | | | 3.4 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 12.6 | 33.1 | 34.9 | 11.2 | 1.3 | .2 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2294

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | .8 | 1.1 | .4 | | .0 | | | | | | 2.5 | 8.0 |
| NNE | .2 | .8 | .5 | .5 | | | | | | | | 2.0 | 7.8 |
| NE | .2 | .7 | .6 | .5 | .1 | | | | | | | 2.1 | 8.5 |
| ENE | | .3 | 1.0 | .3 | .0 | .0 | | | | | | 1.7 | 9.6 |
| E | .3 | .9 | 1.7 | .6 | .0 | .0 | | | | | | 3.6 | 8.2 |
| ESE | .6 | 1.0 | 1.0 | .1 | .0 | | | | | | | 2.8 | 5.9 |
| SE | 1.4 | 2.4 | 1.2 | .1 | .0 | | | | | | | 5.1 | 5.2 |
| SSE | 2.4 | 3.2 | 1.4 | .1 | | | | | | | | 7.1 | 4.9 |
| S | 4.1 | 8.4 | 5.6 | .9 | | | .1 | | | | | 19.1 | 5.8 |
| SSW | 1.7 | 5.1 | 4.3 | .9 | .0 | | | | | | | 12.0 | 6.4 |
| SW | 1.7 | 4.4 | 4.7 | .7 | .1 | .1 | | | | | | 11.7 | 6.6 |
| WSW | 1.0 | 2.6 | 1.1 | .4 | | | | | | | | 5.2 | 5.9 |
| W | 1.4 | 2.3 | 1.1 | .3 | .1 | | | | | | | 5.2 | 5.7 |
| WNW | .4 | .9 | .6 | .3 | | .0 | | | | | | 2.2 | 6.7 |
| NW | .4 | 1.3 | 1.0 | .3 | .2 | | | | | | | 3.1 | 7.2 |
| NNW | .4 | .4 | .8 | .3 | .0 | | | | | | | 2.5 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 16.4 | 35.9 | 27.5 | 6.9 | .7 | .3 | .1 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 2290

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| 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 SP. ED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.4 | 1.5 | .2 | | | | | | | | 4.1 | 5.6 |
| NNE | .7 | .6 | .4 | .3 | .0 | | | | | | | 2.0 | 5.9 |
| NE | .3 | .9 | .5 | .2 | | | | | | | | 1.9 | 6.1 |
| ENE | .2 | .3 | .2 | .0 | | | | | | | | .8 | 5.5 |
| E | .7 | .7 | .4 | .1 | | | | | | | | 1.9 | 5.3 |
| ESE | .4 | .4 | .3 | .2 | | | | | | | | 1.4 | 6.1 |
| SE | 1.2 | 1.0 | .5 | .1 | .1 | | | | | | | 3.0 | 5.2 |
| SSE | 1.3 | 1.7 | .4 | .0 | | | | | | | | 3.5 | 4.3 |
| S | 4.1 | 5.5 | 3.6 | .4 | | | | | | | | 13.7 | 5.3 |
| SSW | 2.4 | 5.7 | 2.6 | .9 | .2 | .0 | | | | | | 12.0 | 6.0 |
| SW | 2.6 | 6.5 | 3.1 | 1.2 | .0 | | | | | | | 13.4 | 5.9 |
| WSW | 1.7 | 2.7 | 1.8 | .0 | | | | | | | | 6.3 | 5.1 |
| W | 1.8 | 3.2 | 1.6 | .0 | | | | | | | | 6.7 | 5.1 |
| WNW | .9 | 1.0 | .3 | .1 | | | | | | | | 2.3 | 4.4 |
| NW | .9 | 1.9 | 1.0 | .0 | | .0 | | | | | | 3.8 | 5.5 |
| NNW | .7 | 1.3 | .7 | .1 | | | | | | | | 2.9 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.2 | |
| | 21.4 | 34.9 | 19.0 | 3.9 | .4 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2401

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.6 | 1.3 | .1 | | | | | | | | 5.6 | 5.0 |
| NNE | .5 | 1.2 | .7 | .5 | | | | | | | | 2.9 | 6.3 |
| NE | .3 | 1.0 | .9 | .3 | .0 | | | | | | | 2.5 | 7.0 |
| ENE | .3 | .5 | .3 | .0 | | | | | | | | 1.0 | 5.4 |
| E | .5 | .3 | .3 | .0 | | | | | | | | 1.2 | 5.1 |
| ESE | .5 | .2 | .2 | | | | | | | | | .9 | 4.0 |
| SE | .8 | .8 | .4 | .2 | | | | | | | | 2.2 | 5.1 |
| SSE | 1.0 | 1.0 | .5 | .1 | | | | | | | | 2.6 | 4.6 |
| S | 2.5 | 3.8 | 2.1 | .3 | | | | | | | | 8.8 | 5.2 |
| SSW | 2.6 | 4.3 | 2.5 | .4 | .0 | | | | | | | 9.9 | 5.5 |
| SW | 3.9 | 5.7 | 3.4 | .6 | | | | | | | | 13.6 | 5.4 |
| WSW | 1.7 | 2.3 | .7 | | | | | | | | | 4.7 | 4.4 |
| W | 2.8 | 3.6 | 1.0 | | .0 | | | | | | | 7.3 | 4.4 |
| WNW | .8 | .7 | .3 | .1 | | | | | | | | 1.9 | 4.9 |
| NW | 1.0 | 2.5 | .9 | | | | | | | | | 4.4 | 4.9 |
| NNW | 1.4 | 1.3 | .7 | .1 | | | | | | | | 3.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.0 | |
| | 22.1 | 31.9 | 16.2 | 2.7 | .1 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 3.2 | 2.7 | .8 | .1 | | | | | | | 8.6 | 6.2 |
| NNE | .7 | 1.8 | 1.3 | .4 | | | | | | | | 4.2 | 6.4 |
| NE | .5 | 1.2 | 2.0 | .8 | | | | | | | | 4.6 | 7.7 |
| ENE | .4 | .8 | 1.0 | .2 | .0 | | | | | | | 2.5 | 6.9 |
| E | 1.0 | .8 | .6 | .2 | | | | | | | | 2.5 | 5.4 |
| ESE | .2 | .0 | .4 | .1 | | | | | | | | 1.3 | 6.2 |
| SE | .8 | .8 | .9 | .0 | | | | | | | | 2.5 | 5.4 |
| SSE | 1.0 | 1.2 | .6 | .0 | | | | | | | | 2.8 | 5.0 |
| S | 1.8 | 3.0 | 2.0 | .4 | | | | | | | | 7.2 | 5.7 |
| SSW | 1.3 | 3.2 | 3.6 | .9 | .1 | | | | | | | 9.1 | 6.9 |
| SW | 1.6 | 3.2 | 4.6 | 1.2 | .2 | .0 | | | | | | 10.8 | 7.2 |
| WSW | 1.5 | 2.4 | 1.9 | .3 | | | | | | | | 6.1 | 5.7 |
| W | 2.1 | 4.2 | 2.4 | .2 | .0 | | | | | | | 9.0 | 5.5 |
| WNW | .5 | 1.8 | .8 | .1 | | | | | | | | 3.2 | 5.5 |
| NW | 1.1 | 2.0 | 1.6 | .4 | | | | | | | | 5.1 | 5.9 |
| NNW | 1.0 | 2.5 | 1.6 | .2 | | | | | | | | 5.2 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 17.2 | 33.2 | 28.0 | 6.2 | .5 | .0 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.0 | 2.9 | 1.0 | | | | | | | | 7.7 | 7.0 |
| NNE | .4 | 1.2 | 1.8 | .5 | | | | | | | | 3.9 | 7.3 |
| NE | .5 | 1.9 | 2.5 | .8 | | | | | | | | 5.0 | 7.4 |
| ENE | 1.0 | 1.5 | 1.6 | .4 | | | | | | | | 4.5 | 6.5 |
| E | .9 | 2.3 | 2.4 | .7 | | | | | | | | 6.3 | 6.8 |
| ESE | .7 | 2.0 | 2.3 | .4 | .0 | | | | | | | 5.5 | 6.9 |
| SE | .6 | 1.9 | 1.6 | .4 | .2 | | | | | | | 4.7 | 6.9 |
| SSE | .5 | 1.0 | .5 | .1 | | | | | | | | 2.3 | 5.8 |
| S | .6 | 1.7 | 2.2 | .5 | | | | | | | | 5.1 | 7.0 |
| SSW | .6 | 1.5 | 3.3 | 1.3 | | .0 | | | | | | 6.8 | 8.2 |
| SW | 1.0 | 3.2 | 4.0 | 2.1 | .2 | .1 | | | | | | 10.7 | 8.1 |
| WSW | .8 | 2.3 | 2.8 | .8 | .0 | | | | | | | 6.7 | 7.2 |
| W | 1.2 | 3.0 | 3.7 | .9 | .1 | | | | | | | 8.9 | 7.0 |
| WNW | .6 | 1.4 | 2.2 | .5 | .2 | | | | | | | 5.1 | 7.2 |
| NW | .6 | 1.8 | 2.8 | .9 | .0 | .0 | | | | | | 6.3 | 7.6 |
| NNW | .6 | 1.4 | 1.5 | .5 | .0 | | | | | | | 4.0 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 11.8 | 30.8 | 38.5 | 11.9 | .8 | .2 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2394

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.3 | 2.1 | .5 | | | | | | | | 5.5 | 6.6 |
| NNE | .2 | 1.0 | 1.0 | .3 | | | | | | | | 2.4 | 7.1 |
| NE | .5 | 1.4 | 1.4 | .5 | | | | | | | | 3.8 | 7.0 |
| ENE | .3 | 1.0 | .9 | .1 | | | | | | | | 2.3 | 6.4 |
| E | .0 | 2.6 | 4.0 | .8 | | | | | | | | 8.1 | 7.2 |
| ESE | .6 | 3.0 | 6.2 | 2.0 | .0 | | | | | | | 11.8 | 8.2 |
| SE | .6 | 2.6 | 4.9 | 2.4 | .2 | .1 | .0 | | | | | 10.9 | 8.7 |
| SSE | .3 | .8 | 1.4 | .3 | | .0 | | | | | | 2.9 | 7.6 |
| S | .4 | .8 | 2.0 | 1.1 | .1 | | | | | | | 4.5 | 8.8 |
| SSW | .2 | 1.6 | 2.3 | 1.3 | .2 | .0 | | | | | | 5.7 | 8.9 |
| SW | .4 | 1.5 | 3.6 | 2.5 | .2 | .1 | | | | | | 8.3 | 9.4 |
| WSW | .3 | 1.6 | 3.6 | 1.6 | .0 | .0 | | | | | | 7.3 | 8.8 |
| W | .5 | 3.0 | 4.3 | 1.6 | .2 | | | | | | | 9.7 | 8.0 |
| WNW | .5 | 1.5 | 2.5 | .9 | .2 | .0 | | | | | | 5.6 | 8.4 |
| NW | .3 | 1.1 | 2.7 | 1.2 | .1 | | | | | | | 5.4 | 8.6 |
| NNW | .2 | .9 | 1.3 | 1.0 | .0 | | | | | | | 3.3 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 6.6 | 26.8 | 44.1 | 18.2 | 1.3 | .3 | .0 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 2385

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .2 | 1.4 | 2.3 | .4 | | | .0 | | | | | 4.4 | 7.6 |
| NNE | .2 | .4 | .4 | .3 | | | | | | | | 1.2 | 8.0 |
| NE | .4 | .7 | .7 | .3 | | | | | | | | 2.0 | 7.0 |
| ENE | .1 | .3 | .6 | .4 | .0 | | | | | | | 1.4 | 8.6 |
| E | .6 | 2.8 | 2.8 | .7 | | | | | | | | 6.9 | 7.1 |
| ESE | .5 | 3.1 | 6.1 | 2.5 | .3 | | | | | | | 12.5 | 8.5 |
| SE | .6 | 3.2 | 9.1 | 2.9 | .3 | .0 | .0 | | | | | 16.2 | 8.7 |
| SSE | .3 | 1.2 | 2.2 | .9 | .0 | | | | | | | 4.7 | 8.2 |
| S | .3 | 1.1 | 2.2 | 1.3 | .1 | | | | | | | 5.2 | 8.7 |
| SSW | .4 | 1.0 | 2.7 | 1.7 | .1 | | | | | | | 6.0 | 9.2 |
| SW | .5 | 1.6 | 4.3 | 2.6 | .5 | .0 | .0 | | | | | 9.6 | 9.5 |
| WSW | .3 | 1.6 | 3.1 | 1.3 | .1 | | | | | | | 6.4 | 8.5 |
| W | .5 | 3.3 | 4.4 | 2.0 | .1 | | | | | | | 10.2 | 8.2 |
| WNW | .2 | 1.0 | 1.6 | .8 | .1 | | | | | | | 3.7 | 8.6 |
| NW | .2 | 1.2 | 1.8 | 1.0 | | | | | | | | 4.2 | 8.4 |
| NNW | .2 | .9 | 1.4 | .6 | .1 | | | | | | | 3.2 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.1 | |
| | 5.7 | 24.7 | 45.8 | 19.8 | 1.7 | .1 | .1 | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| 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 | .6 | 1.1 | .6 | .4 | | | | | | | | 2.9 | 5.6 |
| NNE | .5 | .4 | .5 | | | | | | | | | 1.4 | 5.3 |
| NE | .2 | .5 | .5 | .3 | | | | | | | | 1.5 | 7.0 |
| ENE | .3 | .2 | .4 | .2 | .0 | | | | | | | 1.2 | 7.4 |
| E | 1.0 | 1.5 | 1.0 | .5 | | | | | | | | 3.9 | 6.0 |
| ESE | .1 | 2.2 | 2.2 | .7 | | | | | | | | 5.6 | 6.6 |
| SE | 1.8 | 5.6 | 4.7 | .8 | .1 | | | | | | | 13.1 | 6.4 |
| SSE | 1.8 | 4.8 | 3.4 | .3 | | | | | | | | 10.3 | 5.8 |
| S | 1.8 | 5.0 | 5.0 | .8 | .0 | | | | | | | 12.8 | 6.5 |
| SSW | .9 | 3.2 | 3.3 | | .1 | | | | | | | 8.6 | 7.2 |
| SW | 1.9 | 4.0 | 3.9 | | .2 | | | | | | | 11.6 | 7.0 |
| WSW | 1.0 | 2.5 | 1.9 | .4 | .0 | | | | | | | 5.2 | 5.8 |
| W | 1.0 | 2.3 | 1.8 | .1 | | | | | | | | 5.2 | 5.7 |
| WNW | .2 | .7 | .9 | .5 | .1 | | | | | | | 2.5 | 8.2 |
| NW | .5 | 1.3 | .8 | .2 | .0 | | | | | | | 2.8 | 6.2 |
| NNW | .4 | 1.0 | .5 | .1 | .0 | | | | | | | 2.0 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 14.8 | 36.4 | 31.0 | 7.3 | .8 | | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.3 | .6 | .2 | | | | | | | | 3.0 | 5.3 |
| NNE | .3 | .4 | .8 | .1 | .0 | | | | | | | 1.6 | 6.8 |
| NE | .3 | .4 | .2 | .4 | | | | | | | | 1.3 | 7.1 |
| ENE | .2 | .4 | .3 | .0 | | | | | | | | 1.0 | 5.7 |
| E | .9 | 1.0 | .3 | .1 | | | | | | | | 2.2 | 4.8 |
| ESE | .7 | .7 | .6 | .4 | .0 | | | | | | | 2.5 | 6.5 |
| SE | 2.0 | 2.5 | 1.0 | .1 | | | | | | | | 5.5 | 4.7 |
| SSE | 2.0 | 3.9 | .8 | .0 | | | | | | | | 6.7 | 4.6 |
| S | 4.6 | 9.3 | 4.5 | .7 | .0 | | | | | | | 19.2 | 5.3 |
| SSW | 2.7 | 4.8 | 4.0 | .7 | .1 | | | | | | | 11.8 | 6.2 |
| SW | 2.0 | 5.4 | 4.0 | .9 | .1 | .0 | | | | | | 12.4 | 6.4 |
| WSW | 1.4 | 2.5 | 1.1 | .2 | | | | | | | | 5.1 | 5.3 |
| W | 1.1 | 2.2 | .7 | .2 | | | | | | | | 4.3 | 5.2 |
| WNW | .3 | .8 | .4 | .3 | .0 | | | | | | | 1.8 | 7.0 |
| NW | .5 | 1.4 | .6 | .1 | | | | | | | | 2.6 | 5.6 |
| NNW | .3 | .5 | .2 | .1 | | | | | | | | 1.2 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CA'M | | | | | | | | | | | | 17.8 | |
| | 19.5 | 37.6 | 20.3 | 4.5 | .4 | .0 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | 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 | 1.8 | 2.0 | 1.6 | .6 | | .0 | | | | | | 6.0 | 6.0 |
| NNE | .7 | 1.7 | .8 | .2 | | | .0 | | | | | 3.4 | 6.0 |
| NE | .4 | 1.0 | .9 | .3 | | | | | | | | 2.6 | 6.8 |
| ENE | .4 | .4 | .5 | .3 | | | | | | | | 1.6 | 7.1 |
| E | .5 | 1.0 | .5 | .0 | .0 | .0 | | | | | | 2.2 | 5.9 |
| ESE | .2 | .4 | .4 | | .0 | | | | | | | 1.3 | 5.5 |
| SE | .6 | .9 | .6 | .2 | | | | | | | | 2.2 | 5.9 |
| SSE | 1.4 | .7 | .5 | .0 | | | | | | | | 2.6 | 4.1 |
| S | 4.0 | 5.4 | 2.9 | .2 | .1 | | | | | | | 12.6 | 5.0 |
| SSW | 2.9 | 4.6 | 2.4 | .4 | | | | | | | | 11.0 | 5.4 |
| SW | 3.4 | 4.8 | 3.3 | .7 | | | | | | | | 12.3 | 5.6 |
| WSW | 2.1 | 2.1 | 1.0 | .2 | .0 | | | | | | | 5.4 | 4.9 |
| W | 2.2 | 2.8 | .6 | .2 | .0 | | | | | | | 5.8 | 4.6 |
| WNW | .6 | .8 | .5 | .0 | | | | | | | | 2.0 | 5.2 |
| NW | 1.4 | 1.6 | 1.1 | .2 | | .0 | | | | | | 4.3 | 5.4 |
| NNW | 1.1 | 1.1 | .8 | .1 | | | | | | | | 3.1 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.6 | |
| | 23.4 | 31.3 | 19.0 | 3.9 | .4 | .1 | .0 | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 2411

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,51-72 | AUG |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 2.5 | 3.2 | 1.7 | .2 | .0 | | | | | | | 7.7 | 5.1 |
| NNE | .7 | 1.5 | 1.0 | .3 | .0 | | | | | | | 3.5 | 6.2 |
| NE | .5 | 1.2 | 1.0 | .5 | | | | | | | | 3.2 | 6.8 |
| ENE | .2 | .6 | .5 | .3 | | | | | | | | 1.7 | 7.4 |
| E | .2 | .6 | .3 | .0 | | | | | | | | 1.2 | 5.4 |
| ESE | .2 | .5 | .1 | .1 | .1 | | | | | | | 1.0 | 6.2 |
| SE | .5 | .6 | .2 | .3 | .1 | .0 | | | | | | 1.9 | 7.2 |
| SSE | .9 | 1.0 | .2 | | | | | | | | | 2.1 | 4.2 |
| S | 3.3 | 3.7 | 1.0 | .4 | | | | | | | | 9.1 | 4.9 |
| SSW | 3.0 | 4.0 | 1.9 | .5 | | | | | | | | 9.3 | 5.2 |
| SW | 2.9 | 4.2 | 3.1 | .5 | | | | | | | | 10.7 | 5.6 |
| WSW | 2.2 | 2.0 | .7 | .1 | .0 | | | | | | | 5.0 | 4.2 |
| W | 2.9 | 2.5 | .9 | .2 | .1 | | | | | | | 6.6 | 4.6 |
| WNW | 1.2 | 1.1 | .8 | .1 | | .0 | | | | | | 3.2 | 5.2 |
| NW | 2.0 | 2.3 | 1.2 | .1 | | | | | | | | 5.6 | 4.9 |
| NNW | .9 | 2.5 | 1.1 | .1 | .0 | | | | | | | 4.6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.4 | |
| | 24.1 | 31.5 | 16.8 | 3.8 | .4 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2410

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 2.4 | 3.7 | 3.2 | .7 | | | | | | | | 10.0 | 5.9 |
| NNE | 1.0 | 2.2 | 2.3 | .6 | | | | | | | | 6.1 | 6.8 |
| NE | .4 | 1.0 | 2.0 | .5 | .1 | | | | | | | 4.7 | 7.6 |
| ENE | .2 | .8 | 1.0 | .2 | .1 | | | | | | | 2.3 | 7.8 |
| E | .3 | .8 | .5 | .4 | | .0 | | | | | | 2.1 | 7.2 |
| ESE | .3 | .2 | .4 | .2 | .0 | | | | | | | 1.2 | 7.3 |
| SE | .5 | .5 | .6 | .1 | .1 | | | | | | | 1.9 | 6.6 |
| SSE | 1.1 | 1.0 | .5 | .1 | .1 | .0 | | | | | | 2.8 | 5.9 |
| S | 2.7 | 3.2 | 2.3 | .3 | | | | | | | | 8.5 | 5.4 |
| SSW | 1.4 | 2.8 | 2.3 | .4 | .0 | | | | | | | 7.0 | 6.0 |
| SW | 1.6 | 3.4 | 3.5 | .9 | .1 | | | | | | | 9.4 | 6.7 |
| WSW | 1.4 | 2.4 | 1.5 | .3 | .0 | | | | | | | 5.5 | 5.7 |
| W | 2.5 | 2.9 | 1.9 | .3 | | | | | | | | 7.5 | 5.4 |
| WNW | 1.0 | 1.1 | 1.2 | .2 | .1 | | | | | | | 3.6 | 6.4 |
| NW | 1.1 | 3.0 | 1.9 | .4 | .1 | | | | | | | 6.5 | 6.3 |
| NNW | 1.0 | 2.5 | 1.8 | .2 | .1 | | | | | | | 5.7 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 18.9 | 31.9 | 27.0 | 6.0 | 1.0 | .1 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.4 | 2.3 | 3.6 | 1.1 | .0 | | | | | | | 8.5 | 7.0 |
| NNE | .8 | 1.7 | 2.5 | .6 | | | | | | | | 5.5 | 7.0 |
| NE | .7 | 1.2 | 2.6 | .9 | .1 | .1 | | | | | | 5.6 | 8.1 |
| ENE | .6 | 1.8 | 1.6 | .6 | | | | | | | | 4.6 | 7.0 |
| E | 1.4 | 2.7 | 2.5 | .6 | .0 | | | | | | | 7.2 | 6.4 |
| ESE | .6 | 1.9 | 2.1 | .7 | .2 | .1 | | .0 | | | | 5.7 | 7.8 |
| SE | .7 | 1.5 | 1.7 | .2 | | .0 | | | | | | 4.2 | 6.7 |
| SSE | .3 | .7 | 1.0 | .2 | .0 | .0 | | | | | | 2.2 | 7.5 |
| S | 1.1 | 2.0 | 2.4 | .6 | .0 | | | | | | | 6.1 | 6.8 |
| SSW | .3 | 1.7 | 2.6 | .9 | .0 | .0 | | | | | | 5.6 | 8.1 |
| SW | 1.0 | 1.8 | 3.4 | 1.2 | .2 | | | | | | | 7.5 | 7.9 |
| WSW | .6 | 1.9 | 2.5 | 1.3 | .1 | | | | | | | 6.4 | 8.1 |
| W | 1.3 | 3.8 | 3.4 | .7 | .0 | | | | | | | 9.2 | 6.7 |
| WNW | .4 | 1.6 | 2.1 | .7 | .2 | | | | | | | 4.9 | 7.8 |
| NW | .7 | 2.0 | 2.2 | .9 | .2 | | | | | | | 6.0 | 7.8 |
| NNW | .8 | 1.6 | 1.7 | 1.2 | .2 | | | | | | | 5.5 | 8.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 12.8 | 30.0 | 37.7 | 12.5 | 1.4 | .3 | | .0 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 2415

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 1.0 | 1.9 | 2.7 | .7 | | | | | | | | 6.4 | 6.9 |
| NNE | .2 | 1.3 | 2.1 | .3 | .0 | .0 | | | | | | 4.0 | 7.4 |
| NE | .3 | 1.1 | 1.0 | .5 | .1 | .0 | | | | | | 3.0 | 7.8 |
| ENE | .0 | .9 | .9 | .3 | .0 | | | | | | | 2.1 | 6.9 |
| E | 1.1 | 3.9 | 3.2 | 1.0 | | .0 | | | | | | 9.3 | 6.9 |
| ESE | .5 | 3.4 | 5.5 | 1.9 | .1 | .0 | .0 | | | | | 11.5 | 8.1 |
| SE | .6 | 1.5 | 4.0 | 1.7 | .1 | .1 | | | | | | 8.1 | 8.9 |
| SSE | .4 | .4 | .8 | .3 | | | | | | | | 1.9 | 7.1 |
| S | .3 | 1.1 | 1.4 | .7 | .1 | | | | | | | 3.6 | 8.1 |
| SSW | .5 | 1.3 | 1.8 | 1.7 | .2 | .1 | | | | | | 5.5 | 9.3 |
| SW | .3 | 1.9 | 3.6 | 1.5 | .2 | .1 | | | | | | 7.6 | 8.8 |
| WSW | .7 | 1.2 | 2.7 | 1.1 | .1 | | | | | | | 5.7 | 8.3 |
| W | .6 | 2.8 | 5.1 | 1.6 | .0 | | | | | | | 10.2 | 8.0 |
| WNW | .3 | 1.5 | 2.3 | 1.2 | .2 | | | | | | | 5.5 | 8.7 |
| NW | .5 | 1.4 | 2.2 | 1.5 | .2 | | | | | | | 5.8 | 9.0 |
| NNW | .6 | 1.7 | 1.7 | .7 | .1 | | | | | | | 4.9 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.6 | |
| | 8.5 | 27.2 | 41.8 | 16.7 | 1.7 | .5 | .0 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 2400

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-46,51-72 (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 | .5 | 2.0 | 2.8 | .7 | .0 | | | | | | | 6.0 | 7.4 |
| NNE | .2 | .9 | .9 | .4 | .0 | | | | | | | 2.2 | 6.8 |
| NE | .2 | .5 | .9 | .3 | .3 | | | | | | | 2.2 | 9.3 |
| ENE | .3 | .7 | .6 | .3 | .1 | | | | | | | 2.0 | 7.4 |
| E | 1.0 | 2.3 | 2.6 | .9 | .0 | | | | | | | 6.9 | 7.1 |
| ESE | .7 | 4.2 | 5.7 | 1.9 | .1 | .0 | | | | | | 12.5 | 7.9 |
| SE | .7 | 3.4 | 8.6 | 2.4 | .3 | .0 | | | | | | 15.4 | 8.4 |
| SSE | .3 | 1.1 | 1.6 | .4 | .1 | | | | | | | 3.5 | 7.8 |
| S | .3 | .7 | 1.7 | 1.2 | .0 | | | | | | | 3.9 | 8.8 |
| SSW | .2 | .9 | 2.3 | 2.2 | .2 | | | | | | | 5.9 | 9.9 |
| SW | .3 | 1.7 | 3.7 | 1.3 | .2 | .0 | | | | | | 7.3 | 8.7 |
| WSW | .4 | 1.7 | 2.8 | 1.0 | | | | | | | | 5.9 | 7.9 |
| W | .7 | 2.6 | 4.6 | .6 | | | | | | | | 8.5 | 7.4 |
| WNW | .3 | 1.2 | 1.6 | 1.2 | .2 | | | | | | | 4.6 | 8.9 |
| NW | .5 | 1.7 | 2.6 | 1.7 | | | | | | | | 6.5 | 8.3 |
| NNW | .2 | 1.5 | 1.7 | .6 | .0 | | | | | | | 4.0 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 6.9 | 27.1 | 44.7 | 16.9 | 1.7 | .1 | | | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 2408

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .7 | 1.3 | .8 | .4 | .0 | | | | | | | 3.2 | 6.0 |
| NNE | .3 | .4 | .7 | .2 | .0 | | | | | | | 1.7 | 7.0 |
| NE | .3 | .6 | .7 | .2 | .0 | | .1 | | | | | 2.0 | 7.9 |
| ENE | .2 | .6 | .7 | .4 | | | .0 | | | | | 1.9 | 8.6 |
| E | .5 | 1.6 | 1.1 | .4 | | | | | | | | 3.7 | 6.8 |
| ESE | .6 | 2.5 | 2.2 | .5 | .0 | | | | | | | 5.9 | 6.9 |
| SE | 2.7 | 4.9 | 4.3 | .5 | .1 | | | | | | | 12.5 | 6.0 |
| SSE | 1.9 | 3.7 | 2.8 | .4 | | | | | | | | 8.8 | 5.7 |
| S | 2.7 | 5.3 | 3.4 | .5 | .1 | .0 | | | | | | 11.9 | 5.8 |
| SSW | 1.7 | 3.0 | 2.9 | .6 | | | | | | | | 8.2 | 6.2 |
| SW | 1.8 | 2.1 | 3.2 | .5 | | .0 | | | | | | 8.4 | 6.3 |
| WSW | 1.2 | 2.4 | .9 | .0 | | | | | | | | 4.4 | 5.0 |
| W | 1.9 | 2.4 | 1.5 | | .0 | | | | | | | 5.8 | 4.9 |
| WNW | .5 | 1.4 | .8 | .2 | .1 | | | | | | | 3.0 | 6.2 |
| NW | .9 | 1.5 | 1.2 | .3 | | | | | | | | 3.8 | 5.8 |
| NNW | .7 | 1.7 | .8 | .2 | | | | | | | | 3.4 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.3 | |
| | 18.6 | 36.0 | 28.0 | 5.3 | .5 | .1 | .1 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | .9 | 1.1 | .7 | .5 | | | | | | | | 3.2 | 6.2 |
| NNE | .3 | .4 | 1.0 | .2 | | | | | | | | 2.0 | 7.3 |
| NE | .5 | .5 | .9 | .1 | .1 | | | | | | | 2.1 | 6.8 |
| ENE | .2 | .4 | 1.2 | .2 | .1 | .0 | .0 | | | | | 2.2 | 8.6 |
| E | .6 | 1.2 | 1.2 | .2 | | | | | | | | 3.2 | 6.2 |
| ESE | .6 | .9 | .7 | .1 | .0 | | | | | | | 2.4 | 5.8 |
| SE | .9 | 1.8 | 1.3 | .4 | .0 | | | | | | | 4.2 | 6.5 |
| SSE | 2.7 | 3.1 | 1.5 | .2 | | | | | | | | 7.5 | 4.7 |
| S | 4.4 | 8.3 | 4.3 | .5 | | | | | | | | 17.3 | 5.3 |
| SSW | 3.1 | 4.8 | 3.2 | .5 | | | | | | | | 11.4 | 5.5 |
| SW | 2.5 | 4.0 | 2.9 | .5 | .0 | | | | | | | 10.0 | 5.8 |
| WSW | 1.7 | 1.6 | .7 | .2 | | | | | | | | 4.1 | 4.9 |
| W | 1.3 | 1.8 | .9 | .3 | | | | | | | | 4.4 | 5.3 |
| WNW | .4 | 1.2 | .5 | .0 | | | | | | | | 2.1 | 5.2 |
| NW | 1.1 | 1.4 | .9 | .2 | | | | | | | | 3.6 | 5.4 |
| NNW | .5 | .7 | .4 | .1 | .0 | | | | | | | 1.8 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.5 | |
| | 21.8 | 32.8 | 22.2 | 4.4 | .3 | .0 | .0 | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2410

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| 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 | 1.8 | 3.1 | 2.8 | .9 | .1 | | | | | | | 8.8 | 6.5 |
| NNE | .5 | 1.2 | 1.6 | 1.0 | | | | | | | | 4.2 | 8.0 |
| NE | .4 | 1.5 | 2.5 | .7 | .2 | | | | | | | 5.3 | 8.2 |
| ENE | .3 | .5 | 1.0 | .6 | .1 | | | .1 | | | | 2.6 | 9.9 |
| E | .6 | .6 | .6 | .7 | .0 | | | | | | | 2.5 | 7.7 |
| ESE | .4 | .9 | .6 | .3 | .0 | | | | | | | 2.3 | 6.7 |
| SE | .3 | .8 | .6 | .1 | .0 | .1 | | | | | | 1.8 | 7.4 |
| SSE | .5 | 1.0 | .5 | .1 | | | | | | | | 2.1 | 5.1 |
| S | 3.3 | 4.8 | 2.9 | .6 | .0 | | | | | | | 11.7 | 5.4 |
| SSW | 2.1 | 3.9 | 1.6 | .4 | .0 | | | | | | | 8.1 | 5.4 |
| SW | 1.6 | 3.0 | 2.8 | .5 | .0 | | | | | | | 7.8 | 6.1 |
| WSW | 1.1 | 1.7 | .9 | .1 | .0 | | | | | | | 3.8 | 5.1 |
| W | 2.0 | 2.5 | 1.1 | .3 | | | | | | | | 5.9 | 4.9 |
| WNW | .4 | 1.3 | .9 | .2 | | | | | | | | 2.7 | 6.3 |
| NW | .9 | 1.9 | 1.8 | .2 | .1 | | | | | | | 4.9 | 6.2 |
| NNW | .9 | 1.9 | 1.1 | .1 | .1 | | | | | | | 4.1 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.4 | |
| | 17.1 | 30.4 | 23.2 | 6.8 | .9 | .1 | | .1 | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | 4.0 | 3.1 | 1.0 | .2 | | | | | | | 10.6 | 6.3 |
| NNE | .5 | 2.0 | 1.5 | 1.2 | .1 | | | | | | | 5.3 | 7.8 |
| NE | .4 | 1.7 | 2.8 | 1.0 | .2 | | | | | | | 6.1 | 8.2 |
| ENE | .2 | .4 | 1.2 | .7 | .1 | | .0 | | | | | 2.7 | 9.7 |
| E | .4 | .4 | .5 | .7 | .2 | | .1 | | | | | 2.3 | 9.6 |
| ESE | .2 | .3 | .6 | .2 | .0 | .0 | | | | | | 1.7 | 8.0 |
| SE | .4 | .5 | .5 | .3 | | | | | | | | 1.7 | 6.5 |
| SSE | .6 | .7 | .3 | | | .0 | | | | | | 1.6 | 5.4 |
| S | 2.7 | 3.0 | 2.0 | .1 | | | | | | | | 8.5 | 4.9 |
| SSW | 2.2 | 2.9 | 1.8 | .5 | .0 | | | | | | | 7.4 | 5.3 |
| SW | 1.9 | 2.9 | 2.3 | .4 | .1 | | | | | | | 7.7 | 6.0 |
| WSW | 1.1 | 1.7 | .5 | | | | | | | | | 3.3 | 4.3 |
| W | 2.0 | 2.5 | 1.1 | .0 | | | | | | | | 5.6 | 4.7 |
| WNW | .7 | 1.2 | .9 | .1 | | | | | | | | 2.8 | 5.5 |
| NW | 1.5 | 2.5 | 2.2 | .2 | .0 | | | | | | | 6.4 | 5.8 |
| NNW | 2.0 | 2.0 | 1.2 | .2 | | | | | | | | 5.3 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.0 | |
| | 19.2 | 29.5 | 22.5 | 6.6 | 1.0 | .1 | .1 | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 2400

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 1.9 | 4.3 | 4.3 | 1.5 | .3 | | | | | | | 12.3 | 7.0 |
| NNE | .5 | 1.6 | 3.1 | 1.6 | .2 | | .0 | | | | | 7.1 | 8.8 |
| NE | .3 | 1.8 | 3.4 | 1.1 | .4 | .0 | | | | | | 7.0 | 8.6 |
| ENE | .1 | .9 | 1.3 | .8 | .1 | | .1 | | | | | 3.4 | 9.4 |
| E | .5 | .8 | .9 | .7 | .0 | .0 | | .0 | | | | 2.9 | 8.4 |
| ESE | .2 | .5 | .5 | .3 | .0 | | | | | | | 1.5 | 7.6 |
| SE | .5 | .8 | .7 | .4 | .0 | .0 | | | | | | 2.5 | 7.3 |
| SSE | .5 | .7 | .5 | .1 | | .1 | | | | | | 1.9 | 6.7 |
| S | 1.2 | 3.1 | 2.0 | .4 | .0 | | | | | | | 6.7 | 5.9 |
| SSW | .8 | 2.9 | 2.4 | 1.1 | .0 | | .0 | | | | | 7.3 | 7.1 |
| SW | 1.5 | 3.0 | 2.5 | .6 | .1 | .0 | | | | | | 7.7 | 6.4 |
| WSW | 1.0 | 1.6 | .6 | .1 | | | | | | | | 3.3 | 4.9 |
| W | 1.4 | 2.6 | 1.1 | .3 | | | | | | | | 5.6 | 5.2 |
| WNW | .5 | .7 | 1.0 | .2 | .0 | | | | | | | 2.5 | 6.6 |
| NW | 1.4 | 2.6 | 1.9 | .8 | .1 | | | | | | | 6.9 | 6.4 |
| NNW | 1.4 | 2.4 | 2.5 | .4 | | | | | | | | 6.7 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.0 | |
| | 13.7 | 30.5 | 28.7 | 10.3 | 1.5 | .3 | .2 | .0 | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 2393

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | .6 | 2.4 | 5.3 | 2.5 | .3 | | .0 | | | | | 11.0 | 8.7 |
| NNE | .7 | 1.3 | 3.2 | 1.8 | .1 | | | | | | | 7.3 | 8.5 |
| NE | .5 | 1.4 | 3.8 | 1.9 | .2 | .0 | | | | | | 8.3 | 8.8 |
| ENE | .4 | .9 | 2.3 | 1.2 | .2 | .2 | | | | | | 5.2 | 9.5 |
| E | .6 | 2.7 | 3.7 | 1.3 | .5 | | | | | | | 8.8 | 8.2 |
| ESE | .4 | 1.5 | 1.3 | .6 | .0 | .1 | | | | | | 3.9 | 7.9 |
| SE | .3 | 1.0 | 1.0 | .5 | .1 | | | | | | | 2.9 | 8.0 |
| SSE | .2 | .5 | .5 | .1 | | | | | | | | 1.3 | 6.5 |
| S | .7 | 1.2 | 2.7 | 1.0 | .1 | | | | | | | 5.8 | 7.9 |
| SSW | .3 | 1.5 | 2.1 | 1.5 | .3 | .1 | | | | | | 5.8 | 9.1 |
| SW | .6 | 2.4 | 3.8 | 2.1 | .3 | .0 | | | | | | 9.2 | 8.5 |
| WSW | .3 | 1.8 | 2.0 | .6 | .1 | | | | | | | 4.8 | 7.8 |
| W | .7 | 2.2 | 1.5 | .8 | .1 | | | | | | | 5.3 | 7.1 |
| WNW | .5 | .7 | 1.6 | .8 | .1 | | | | | | | 3.8 | 8.4 |
| NW | .4 | 1.1 | 2.3 | 1.5 | .3 | .0 | | .0 | | | | 5.7 | 9.5 |
| NNW | .5 | 1.5 | 2.5 | 1.0 | .3 | .0 | | .0 | | | | 6.3 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 7.8 | 25.2 | 39.5 | 19.2 | 2.9 | .6 | .0 | .1 | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2395

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.0 | 4.1 | 1.6 | | .0 | | | | | | 8.2 | 8.2 |
| NNE | .4 | 1.3 | 2.2 | 1.1 | .1 | | .1 | | | | | 5.0 | 8.6 |
| NE | .4 | 1.2 | 2.0 | 1.3 | .1 | .1 | | | | | | 5.1 | 8.9 |
| ENE | .3 | 1.4 | 1.7 | 1.0 | .1 | .1 | | .0 | | | | 4.7 | 8.7 |
| E | 1.0 | 4.3 | 4.3 | 1.6 | .2 | | | | | | | 11.5 | 7.5 |
| ESE | .3 | 2.1 | 5.0 | 2.1 | .2 | | .0 | | | | | 9.8 | 8.8 |
| SE | .3 | 1.3 | 3.0 | 1.6 | .2 | | | | | | | 6.5 | 9.1 |
| SSE | .1 | .4 | .9 | .3 | .0 | | | | | | | 1.7 | 8.1 |
| S | .5 | 1.0 | 1.9 | .8 | .2 | | | | | | | 4.5 | 7.9 |
| SSW | .3 | 1.0 | 2.0 | 1.3 | .3 | | | | | | | 4.8 | 9.4 |
| SW | .3 | 1.2 | 2.9 | 2.8 | .3 | .1 | | | | | | 7.6 | 10.1 |
| WSW | .3 | .9 | 1.6 | 1.4 | .1 | .0 | | | | | | 4.3 | 9.4 |
| W | .6 | 1.9 | 2.7 | 1.3 | .4 | | | | | | | 7.0 | 8.6 |
| WNW | .5 | .8 | 1.7 | 1.1 | .3 | | | | | | | 4.4 | 9.3 |
| NW | .3 | 1.5 | 2.5 | 2.1 | .1 | | .0 | | | | | 6.6 | 9.5 |
| NNW | .2 | 1.2 | 2.4 | 1.1 | .1 | | | | | | | 5.1 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.2 | |
| | 6.5 | 23.3 | 40.5 | 22.6 | 2.9 | .3 | .2 | .0 | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 2391

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥55 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.0 | 3.8 | .8 | .1 | | | | | | | 7.3 | 7.6 |
| NNE | .3 | 1.1 | 1.0 | .4 | .0 | .2 | | .0 | .0 | | | 3.1 | 9.1 |
| NE | .6 | .9 | 1.3 | 1.0 | .2 | | | | | | | 3.9 | 8.5 |
| ENE | .5 | .9 | 1.2 | 1.2 | .1 | .1 | .0 | | | | | 4.0 | 9.4 |
| E | 1.0 | 2.3 | 2.8 | 1.2 | .2 | | | | | | | 7.5 | 7.7 |
| ESE | .5 | 2.4 | 4.5 | 2.7 | .3 | | | | | | | 11.2 | 8.6 |
| SE | .5 | 3.1 | 6.7 | 2.6 | .2 | | | | | | | 13.1 | 8.5 |
| SSE | .2 | .9 | 1.2 | .3 | .0 | | | | | | | 2.6 | 7.9 |
| S | .3 | .7 | 2.0 | 1.3 | .2 | | | | | | | 4.5 | 9.3 |
| SSW | .3 | 1.3 | 2.4 | 1.0 | .3 | .1 | | | | | | 5.5 | 9.2 |
| SW | .3 | 1.3 | 2.5 | 1.7 | .2 | .0 | | | | | | 6.4 | 9.3 |
| WSW | .5 | 1.0 | 1.7 | .9 | | | | | | | | 4.1 | 7.8 |
| W | .4 | 1.8 | 3.3 | 1.3 | .1 | | | | | | | 6.9 | 8.1 |
| WNW | .1 | 1.2 | 2.2 | 1.1 | .2 | .1 | | | | | | 4.9 | 9.0 |
| NW | .3 | 1.5 | 3.0 | 1.6 | .2 | | | | | | | 6.5 | 8.6 |
| NNW | .1 | 1.2 | 1.9 | .8 | .2 | | | .0 | | | | 4.3 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.3 | |
| | 6.7 | 24.2 | 42.0 | 19.8 | 2.4 | .5 | .0 | .1 | .0 | | | 100.0 | 8.2 |

TOTAL NUMBER OF OBSERVATIONS 2399

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-46,50-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1600-2000
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.9 | 1.6 | .5 | .1 | .1 | | | | | | 5.4 | 7.1 |
| NNE | .3 | .8 | .9 | .5 | | .0 | .1 | | | | | 2.7 | 8.3 |
| NE | .4 | 1.3 | 1.3 | 1.3 | .0 | .0 | | | | | | 4.3 | 8.8 |
| ENE | .2 | .7 | 1.0 | 1.1 | .2 | | .0 | .1 | | | | 3.3 | 10.4 |
| E | .7 | 1.5 | 1.6 | .9 | .3 | | | | | | | 5.1 | 8.3 |
| ESE | 1.1 | 2.0 | 1.5 | .5 | .0 | | | | | | | 5.1 | 6.2 |
| SE | 2.1 | 4.0 | 2.9 | .5 | | | | | | | | 9.5 | 5.8 |
| SSE | 1.6 | 3.4 | 1.7 | .2 | | | | | | | | 6.9 | 5.3 |
| S | 2.7 | 5.6 | 3.2 | .7 | .1 | | | | | | | 12.3 | 5.9 |
| SSW | 1.3 | 2.3 | 2.3 | .6 | .0 | | | | | | | 6.6 | 6.5 |
| SW | 1.6 | 2.2 | 1.6 | .3 | | | | | | | | 5.7 | 5.6 |
| WSW | .8 | 2.0 | .8 | .1 | | | | | | | | 3.6 | 5.1 |
| W | 1.2 | 2.1 | 1.0 | .1 | | | | | | | | 4.5 | 5.2 |
| WNW | .6 | 1.0 | .7 | .0 | .1 | | | | | | | 2.4 | 5.8 |
| NW | .9 | 1.8 | 1.5 | .2 | .0 | | | | | | | 4.4 | 6.0 |
| NNW | .6 | 2.1 | 1.1 | .3 | .0 | .0 | | | | | | 4.2 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.9 | |
| | 17.2 | 34.7 | 23.1 | 7.8 | .9 | .2 | .1 | .1 | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 2395

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.6 | 2.0 | .9 | | .1 | | | | | | 5.6 | 7.2 |
| NNE | .3 | 1.3 | 1.3 | .7 | .0 | | | | | | | 3.6 | 7.7 |
| NE | .4 | 1.5 | 2.2 | .6 | .1 | .0 | .0 | | | | | 4.8 | 8.2 |
| ENE | .4 | .6 | 1.3 | .7 | .2 | | .1 | .0 | | | | 3.3 | 9.7 |
| E | .6 | 1.8 | 1.4 | .8 | .2 | | | | | | | 4.7 | 7.7 |
| ESE | .6 | 1.2 | .6 | .4 | | | | | | | | 2.8 | 6.4 |
| SE | 1.0 | 1.0 | .8 | .2 | | | | | | | | 3.0 | 5.4 |
| SSE | 1.5 | 1.8 | 1.0 | .0 | | | | | | | | 4.4 | 4.8 |
| S | 4.3 | 6.4 | 4.3 | .4 | .1 | | | | | | | 15.8 | 5.3 |
| SSW | 2.1 | 3.0 | 2.3 | .7 | .0 | | | | | | | 8.2 | 6.0 |
| SW | 1.7 | 2.6 | 2.5 | .6 | | | | | | | | 7.4 | 6.1 |
| WSW | 1.1 | 1.1 | 1.0 | .1 | | | | | | | | 3.0 | 5.2 |
| W | 1.5 | 1.7 | 1.3 | .1 | .0 | | | | | | | 4.6 | 5.4 |
| WNW | .3 | 1.0 | .8 | .2 | .1 | .0 | | | | | | 2.4 | 6.7 |
| NW | .7 | 1.7 | 1.3 | .3 | | | | | | | | 4.2 | 6.4 |
| NNW | .3 | 1.9 | 1.3 | .2 | .0 | .0 | | | | | | 3.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.8 | |
| | 18.3 | 30.5 | 25.4 | 6.8 | .8 | .2 | .1 | .0 | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2399

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 1.6 | 3.1 | 2.6 | 1.1 | .0 | | | | | | | 8.4 | 6.7 |
| NNE | .3 | 1.7 | 2.5 | .3 | .2 | .1 | | | | | | 5.4 | 8.1 |
| NE | .6 | 1.5 | 2.1 | 1.1 | .1 | | | | | | | 5.4 | 8.0 |
| ENE | .6 | .9 | 1.0 | .7 | .1 | | | | | | | 3.3 | 7.8 |
| E | .4 | .9 | .7 | .3 | .0 | | | | | | | 2.6 | 7.3 |
| ESE | .3 | .2 | .2 | .3 | | .0 | | | | | | 1.3 | 8.9 |
| SE | .4 | .6 | .3 | .0 | | | | | | | | 1.7 | 5.9 |
| SSE | .6 | .9 | .5 | | | | | | | | | 2.0 | 4.9 |
| S | 2.4 | 3.8 | 1.7 | .5 | | | | | | | | 8.3 | 5.3 |
| SSW | 1.8 | 2.4 | 1.4 | .5 | | | | | | | | 6.0 | 5.3 |
| SW | 1.0 | 2.8 | 2.0 | .7 | .0 | | | | | | | 6.6 | 6.2 |
| WSW | 1.2 | 2.5 | 1.5 | .3 | | | | | | | | 5.6 | 5.6 |
| W | 1.4 | 3.0 | 2.1 | .5 | .1 | | | | | | | 7.1 | 6.0 |
| WNW | .7 | 1.7 | 1.7 | .4 | | | | | | | | 4.5 | 6.6 |
| NW | .9 | 2.1 | 2.4 | 1.0 | | | | | | | | 6.4 | 7.1 |
| NNW | .7 | 2.0 | 1.9 | 1.0 | .2 | .0 | | | | | | 5.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.5 | |
| | 15.0 | 30.1 | 25.1 | 9.3 | .8 | .2 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2407

USAFETAC FORM JUL 64 0-6-5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 2.2 | 4.1 | 2.9 | 1.3 | .1 | | | | | | | 10.6 | 6.5 |
| NNE | 1.2 | 2.2 | 2.4 | .9 | .2 | .1 | | | | | | 7.0 | 7.3 |
| NE | .9 | 1.1 | 2.2 | 1.2 | .1 | | | | | | | 5.1 | 8.2 |
| ENE | .6 | 1.0 | .8 | .5 | | .1 | | | | | | 3.1 | 7.3 |
| E | .3 | .5 | .9 | .3 | .0 | | | | | | | 2.3 | 7.3 |
| ESE | .3 | .1 | .2 | .3 | .1 | | | | | | | .9 | 8.2 |
| SE | .2 | 1.0 | .4 | .3 | | | | | | | | 1.9 | 6.6 |
| SSE | .5 | .8 | .2 | .0 | | | | | | | | 1.5 | 4.6 |
| S | 1.8 | 2.7 | 1.6 | .3 | .0 | | | | | | | 6.5 | 5.4 |
| SSW | 1.4 | 2.4 | 1.3 | .2 | | | | | | | | 5.3 | 5.5 |
| SW | 1.4 | 2.8 | 2.1 | .4 | .1 | .0 | | | | | | 6.8 | 6.2 |
| WSW | 1.2 | 1.7 | 1.3 | .1 | .0 | | | | | | | 4.3 | 5.5 |
| W | 1.7 | 3.9 | 2.3 | .3 | | | | | | | | 8.2 | 5.6 |
| WNW | .8 | 1.4 | 1.2 | .4 | | | | | | | | 3.8 | 6.5 |
| NW | 1.2 | 2.8 | 2.5 | .8 | .1 | | | | | | | 7.4 | 6.7 |
| NNW | .7 | 2.1 | 2.6 | .8 | .2 | | .0 | | | | | 6.4 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.0 | |
| | 16.4 | 30.5 | 24.7 | 8.1 | 1.0 | .2 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45, 50-72 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.4 | 3.9 | 1.5 | .2 | | | | | | | 11.3 | 6.8 |
| NNE | 1.0 | 2.1 | 2.7 | 1.0 | .4 | .1 | | | | | | 7.3 | 8.0 |
| NE | .5 | 1.6 | 2.0 | 1.5 | .1 | | | | | | | 5.8 | 8.5 |
| ENE | .3 | .9 | 1.1 | .5 | .0 | | | | | | | 2.9 | 7.6 |
| E | .5 | 1.1 | 1.0 | .2 | .1 | | | | | | | 2.8 | 7.0 |
| ESE | .1 | .2 | .2 | .1 | .0 | | | | | | | .7 | 7.3 |
| SE | .1 | .5 | .5 | .4 | | .0 | | | | | | 1.5 | 8.6 |
| SSE | .2 | .8 | .6 | .1 | | .0 | | | | | | 1.8 | 6.7 |
| S | 1.2 | 1.7 | 1.6 | .3 | | | | | | | | 4.9 | 5.7 |
| SSW | .7 | 2.2 | 1.7 | .7 | .0 | | | | | | | 5.3 | 6.8 |
| SW | 1.4 | 2.7 | 1.7 | .5 | | .1 | | | | | | 6.4 | 6.4 |
| WSW | .9 | 1.9 | 1.7 | .4 | .0 | | .0 | | | | | 4.9 | 6.5 |
| W | 1.7 | 3.5 | 2.1 | .7 | .1 | | | | | | | 8.1 | 6.1 |
| WNW | .8 | 2.0 | 2.5 | 1.0 | .0 | | | | | | | 6.4 | 7.4 |
| NW | .7 | 2.0 | 2.8 | .8 | .1 | .0 | | | | | | 6.5 | 7.4 |
| NNW | .8 | 2.0 | 2.1 | 1.5 | .3 | .2 | | | | | | 6.8 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.7 | |
| | 13.3 | 28.5 | 28.3 | 11.2 | 1.5 | .5 | .0 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-45,50-72 (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 | .9 | 2.2 | 4.0 | 3.3 | .6 | .0 | | | | | | 11.7 | 9.3 |
| NNE | .3 | 1.8 | 2.8 | 2.1 | .3 | .2 | | | | | | 7.4 | 9.4 |
| NE | .7 | 1.7 | 3.0 | 1.6 | .3 | .1 | | | | | | 7.5 | 8.7 |
| ENE | .6 | 1.1 | 1.8 | 1.4 | .1 | .1 | | | | | | 5.0 | 8.9 |
| E | .8 | 2.2 | 2.0 | .8 | .2 | .1 | | | | | | 6.1 | 7.6 |
| ESE | .4 | .7 | 1.0 | .5 | | | | | | | | 2.6 | 7.3 |
| SE | .2 | .7 | 1.0 | .4 | .0 | | | | | | | 2.2 | 8.1 |
| SSE | .3 | .5 | 1.0 | .4 | .1 | | | | | | | 2.2 | 8.1 |
| S | .3 | 1.1 | 1.5 | 1.2 | .1 | | | | | | | 4.2 | 8.6 |
| SSW | .4 | .7 | 1.8 | .9 | .1 | | | | | | | 3.9 | 8.7 |
| SW | .6 | 1.4 | 2.1 | 1.3 | | .1 | .0 | | | | | 5.6 | 8.6 |
| WSW | .4 | 1.3 | 2.9 | 1.4 | .2 | | | | | | | 6.3 | 8.9 |
| W | .8 | 2.0 | 2.9 | 1.9 | .1 | | | | | | | 8.4 | 8.2 |
| WNW | .3 | .8 | 2.5 | 2.1 | .5 | .1 | | | | | | 6.4 | 10.6 |
| NW | .3 | 1.1 | 2.6 | 2.7 | .6 | .1 | | | | | | 7.5 | 10.5 |
| NNW | .4 | 1.0 | 2.8 | 2.5 | .9 | .2 | | | | | | 7.9 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 7.7 | 20.7 | 36.4 | 24.8 | 4.2 | 1.1 | .0 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | .7 | 1.5 | 3.8 | 2.1 | .5 | .1 | | | | | | 8.6 | 9.3 |
| NNE | .1 | 1.1 | 1.8 | 1.4 | .3 | .1 | | | | | | 4.9 | 9.9 |
| NE | .2 | .8 | 1.8 | .9 | .5 | .0 | | | | | | 4.3 | 9.6 |
| ENE | .6 | 1.1 | 1.6 | 1.0 | .2 | .1 | .0 | | | | | 4.6 | 9.2 |
| E | 1.1 | 3.0 | 3.0 | 1.3 | .2 | .0 | | | | | | 8.6 | 7.5 |
| ESE | .5 | 2.3 | 4.0 | 1.2 | .1 | .0 | | | | | | 8.0 | 8.1 |
| SE | .3 | 1.2 | 2.3 | 1.4 | .0 | | | | | | | 5.2 | 8.8 |
| SSE | .0 | .4 | .7 | .2 | .1 | .0 | | | | | | 1.5 | 8.7 |
| S | .3 | .7 | 1.6 | .9 | .1 | | | | | | | 3.7 | 8.7 |
| SSW | .2 | .7 | 1.4 | 1.3 | .3 | .1 | | | | | | 4.1 | 10.4 |
| SW | .2 | .7 | 2.0 | 1.7 | .1 | .0 | | | | | | 4.7 | 10.0 |
| WSW | .2 | 1.1 | 2.7 | 2.2 | .3 | | | | | | | 6.5 | 9.9 |
| W | .3 | 2.0 | 3.7 | 2.3 | .5 | .0 | | | | | | 9.2 | 9.2 |
| WNW | .2 | 1.3 | 2.5 | 2.9 | .6 | | | | | | | 7.5 | 10.7 |
| NW | .1 | 1.2 | 2.4 | 3.2 | 1.0 | .3 | | | | | | 8.2 | 11.6 |
| NNW | .2 | 1.1 | 2.6 | 2.4 | .4 | .1 | .1 | | | | | 7.0 | 10.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.9 | |
| | 5.3 | 20.4 | 37.9 | 26.4 | 5.3 | 1.2 | .2 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 43-45,50-72 (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 | .6 | 2.1 | 2.9 | 1.1 | .3 | .0 | | | | | | 7.1 | 8.1 |
| NNE | .2 | 1.0 | 1.2 | 1.0 | .1 | | .0 | | | | | 3.6 | 8.9 |
| NE | .4 | .4 | 1.0 | .7 | | .1 | | | | | | 2.7 | 8.9 |
| ENE | .3 | .9 | .8 | 1.0 | .4 | .1 | .0 | | | | | 3.5 | 10.0 |
| E | 1.0 | 2.0 | 2.1 | 1.0 | .1 | | | | | | | 6.3 | 7.0 |
| ESE | 1.2 | 2.9 | 3.7 | .9 | | | | | | | | 8.7 | 6.9 |
| SE | 1.1 | 4.2 | 4.1 | .9 | .2 | .1 | .0 | | | | | 10.7 | 7.3 |
| SSE | .3 | 1.2 | 1.1 | .4 | | .0 | .0 | | | | | 3.1 | 7.7 |
| S | .2 | 1.1 | 1.5 | .9 | | | | | | | | 3.6 | 8.5 |
| SSW | .2 | .7 | 1.7 | 1.2 | .1 | | | | | | | 4.0 | 9.4 |
| SW | .5 | 1.5 | 3.4 | 1.0 | .2 | | | | | | | 6.7 | 8.3 |
| WSW | .3 | 1.5 | 1.8 | .8 | | .0 | | | | | | 4.5 | 8.0 |
| W | .3 | 2.8 | 4.1 | 1.6 | .3 | | | | | | | 9.1 | 8.3 |
| WNW | .5 | 1.2 | 2.5 | .2 | .3 | .0 | .0 | | | | | 7.0 | 9.5 |
| NW | .3 | 1.5 | 3.1 | 2.8 | .4 | .1 | .0 | | | | | 8.3 | 10.2 |
| NNW | .4 | 1.7 | 2.2 | 2.0 | .4 | .1 | | | | | | 6.7 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 8.0 | 27.3 | 37.3 | 19.6 | 2.9 | .7 | .2 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2403

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | .6 | 2.8 | 1.5 | .6 | .1 | | | | | | | 5.0 | 7.0 |
| NNE | .4 | .7 | .6 | .5 | .2 | .1 | | | | | | 2.5 | 8.9 |
| NE | .1 | .8 | 1.5 | .7 | .2 | .0 | | | | | | 3.4 | 9.1 |
| ENE | .2 | .8 | 1.4 | 1.0 | .0 | .1 | .0 | | | | | 3.6 | 9.5 |
| E | .7 | 1.4 | 1.7 | .5 | .0 | .0 | | | | | | 4.4 | 6.9 |
| ESE | 1.0 | 1.8 | .9 | | | | | | | | | 3.7 | 5.0 |
| SE | 1.4 | 3.6 | 1.2 | .3 | .1 | | | | | | | 6.6 | 5.5 |
| SSE | 1.7 | 3.1 | .9 | .1 | | | | | | | | 5.8 | 4.7 |
| S | 2.3 | 4.2 | 2.0 | .2 | .1 | | | | | | | 8.8 | 5.2 |
| SSW | 1.2 | 3.0 | 1.7 | .7 | .0 | | | .0 | | | | 6.8 | 6.4 |
| SW | 1.0 | 2.9 | 1.7 | .4 | .1 | | | | | | .0 | 6.1 | 6.6 |
| WSW | .9 | 2.3 | 1.1 | .1 | | | | | | | | 4.4 | 5.4 |
| W | 1.0 | 2.7 | 1.7 | .5 | .1 | | | | | | | 6.0 | 6.3 |
| WNW | .4 | 1.3 | 1.7 | 1.0 | .0 | .0 | | | | | | 4.5 | 8.0 |
| NW | .7 | 3.1 | 2.3 | 1.0 | .4 | .0 | | | | | | 7.5 | 7.6 |
| NNW | 1.0 | 2.3 | 1.7 | .7 | .1 | | | | | | | 5.7 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 14.5 | 36.3 | 23.6 | 8.4 | 1.5 | .4 | .0 | .0 | | | .0 | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 2403

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45,50-72 | OCT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | 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 | .7 | 2.0 | 2.3 | .6 | .1 | | | | | | | 5.7 | 7.2 |
| NNE | .3 | .9 | 1.6 | 1.0 | .1 | | .0 | | | | | 3.9 | 8.8 |
| NE | .3 | 1.3 | 1.8 | .8 | .2 | | .0 | | | | | 4.3 | 8.6 |
| ENE | .3 | 1.0 | .9 | .8 | .1 | | | | | | | 3.1 | 8.3 |
| E | 1.2 | 1.5 | 1.0 | .4 | | | | | | | | 4.1 | 6.0 |
| ESE | .5 | .6 | .5 | .0 | | | | | | | | 1.7 | 5.6 |
| SE | .7 | 1.0 | .4 | | | | | | | | | 2.1 | 4.8 |
| SSE | .9 | 1.6 | .7 | .0 | | | | | | | | 3.3 | 4.9 |
| S | 3.5 | 5.1 | 2.0 | .5 | | | | | | | | 11.2 | 5.0 |
| SSW | 1.4 | 3.0 | 1.8 | .6 | | | | | | | | 6.7 | 6.0 |
| SW | 1.0 | 3.1 | 2.3 | 1.2 | | | | | | | | 7.7 | 6.9 |
| WSW | .5 | 2.3 | 1.0 | .2 | | | .0 | | | | | 3.9 | 5.9 |
| W | 1.0 | 3.4 | 1.7 | .6 | .1 | | | | | | | 6.9 | 6.4 |
| WNW | .4 | 2.0 | 1.5 | .5 | | | | | | | | 4.4 | 6.9 |
| NW | 1.0 | 2.2 | 2.1 | 1.0 | .3 | .0 | .0 | | | | | 6.6 | 7.9 |
| NNW | .6 | 1.2 | 1.5 | .9 | .1 | .0 | | | | | | 4.3 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.9 | |
| | 14.3 | 32.2 | 23.1 | 9.2 | 1.0 | .1 | .2 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2395

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 1.5 | 1.6 | 1.2 | .7 | .1 | | | | | | | 5.1 | 6.3 |
| NNE | .7 | .8 | 1.3 | .4 | .0 | | | | | | | 3.2 | 6.8 |
| NE | .8 | .9 | .8 | .4 | .1 | .0 | | | | | | 3.0 | 7.0 |
| ENE | .3 | .7 | .4 | .4 | .1 | | .0 | | | | | 1.9 | 8.1 |
| E | .4 | .4 | .7 | .0 | .0 | .2 | | | | | | 2.2 | 7.4 |
| ESE | .3 | .5 | .5 | .2 | .1 | .2 | | | | | | 2.0 | 8.9 |
| SE | .6 | .6 | 1.0 | .2 | .1 | .1 | .0 | | | | | 2.6 | 7.7 |
| SSE | 1.2 | 1.5 | .3 | .2 | | | | | | | | 3.1 | 4.6 |
| S | 2.3 | 3.1 | 1.9 | .5 | .3 | | | | | | | 8.4 | 6.3 |
| SSW | 1.1 | 2.2 | 1.2 | 1.2 | .5 | | | | | | | 6.2 | 7.7 |
| SW | 1.5 | 2.6 | 1.8 | .6 | .3 | | | | | | | 6.8 | 6.5 |
| WSW | 1.2 | 1.6 | 1.4 | .3 | | | | | | | | 4.5 | 6.0 |
| W | 1.5 | 4.0 | 2.3 | 1.4 | .2 | .0 | | | | | | 10.0 | 7.0 |
| WNW | .6 | 2.4 | 3.0 | 2.1 | .3 | .1 | | | | | | 8.6 | 8.9 |
| NW | 1.1 | 2.7 | 3.1 | 2.7 | .5 | .2 | | | | | | 10.3 | 8.9 |
| NNW | .5 | 1.8 | 1.8 | 1.3 | .2 | .1 | | | | | | 5.9 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 15.7 | 28.0 | 23.2 | 13.1 | 2.8 | .9 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 2329

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 1.4 | 1.5 | 2.0 | .6 | .0 | | | | | | | 5.5 | 6.6 |
| NNE | .7 | 1.6 | 1.2 | .7 | .0 | | | | | | | 4.2 | 7.0 |
| NE | .0 | .8 | .9 | .3 | .2 | | .1 | | | | | 2.8 | 7.9 |
| ENE | .2 | .4 | .6 | .2 | | | | | | | | 1.4 | 7.3 |
| E | .5 | 1.1 | .9 | .3 | | | | | | | | 2.7 | 6.3 |
| ESE | .3 | .5 | .3 | .2 | | .2 | .1 | | | | | 1.5 | 10.1 |
| SE | .7 | .6 | .4 | .1 | .1 | | .0 | | | | | 2.0 | 6.2 |
| SSE | .5 | 1.3 | .2 | .1 | | | | | | | | 2.2 | 5.2 |
| S | 2.0 | 3.0 | 1.3 | .9 | .2 | | | | | | | 7.4 | 6.2 |
| SSW | 1.3 | 2.4 | 2.0 | .9 | .2 | .0 | | | | | | 6.8 | 6.8 |
| SW | 1.0 | 3.0 | 1.7 | .9 | .3 | .1 | | | | | | 6.9 | 7.2 |
| WSW | 1.0 | 1.8 | 1.1 | .1 | .0 | | | | | | | 4.1 | 5.7 |
| W | 1.3 | 3.9 | 3.6 | 1.2 | .3 | | | | | | | 10.2 | 7.2 |
| WNW | .5 | 2.3 | 2.9 | 2.3 | .4 | .0 | | | | | | 8.5 | 9.1 |
| NW | .9 | 3.5 | 3.2 | 2.0 | .5 | .1 | | | | | | 10.2 | 8.3 |
| NNW | .9 | 2.7 | 2.4 | .9 | .1 | .0 | | | | | | 7.1 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.4 | |
| | 13.7 | 30.4 | 24.8 | 11.8 | 2.2 | .5 | .2 | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2334

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45,50-72 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.8 | 2.3 | .9 | .0 | | | | | | | 6.7 | 6.7 |
| NNE | .7 | 1.8 | 1.3 | .7 | | .1 | | | | | | 4.6 | 7.2 |
| NE | .2 | 1.0 | .9 | .3 | .1 | | .0 | | | | | 2.6 | 8.1 |
| ENE | .3 | 1.0 | .4 | .2 | | .1 | | | | | | 2.0 | 7.2 |
| E | .5 | .7 | .9 | .3 | | | | | | | | 2.4 | 6.6 |
| ESE | .2 | .9 | .4 | .1 | | .1 | .0 | | | | | 1.8 | 7.4 |
| SE | .3 | .8 | .8 | .2 | .1 | | | | | | | 2.2 | 7.2 |
| SSE | .6 | 1.0 | .7 | .0 | .0 | .1 | | | | | | 2.5 | 6.3 |
| S | 1.7 | 3.2 | 1.6 | .6 | .2 | | | | | | | 7.4 | 6.1 |
| SSW | .7 | 2.3 | 1.8 | .8 | .3 | | | | | | | 5.9 | 7.5 |
| SW | 1.1 | 2.4 | 2.1 | .6 | .3 | | | | | | | 6.5 | 7.3 |
| WSW | 1.1 | 2.0 | 1.3 | .6 | .1 | | | | | | | 5.0 | 6.4 |
| W | 1.5 | 4.1 | 3.4 | 1.5 | .3 | | | | | | | 10.7 | 7.1 |
| WNW | .6 | 2.1 | 3.3 | 2.1 | .6 | .1 | | | | | | 8.8 | 9.2 |
| NW | .4 | 2.5 | 3.2 | 1.8 | .5 | .1 | | | | | | 8.6 | 9.1 |
| NNW | 1.1 | 2.3 | 2.1 | 1.2 | .3 | .1 | | | | | | 7.0 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 12.7 | 30.0 | 26.7 | 11.9 | 2.7 | .7 | .1 | | | | | 100.2 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2330

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | .6 | 1.5 | 2.8 | 2.4 | .1 | | | | | | | 7.5 | 9.0 |
| NNE | .2 | 1.2 | 1.4 | 1.0 | | .0 | | | | | | 3.8 | 8.4 |
| NE | .1 | 1.2 | 1.4 | .8 | .1 | .0 | | | | | | 3.6 | 8.5 |
| ENE | .3 | .9 | 1.3 | .3 | .0 | | | | | | | 2.8 | 7.6 |
| E | .3 | 1.5 | 1.6 | .6 | | | | | | | | 4.0 | 7.4 |
| ESE | .7 | .9 | 1.3 | .5 | .0 | .0 | | | | | | 3.5 | 7.3 |
| SE | .3 | .8 | .6 | .4 | .1 | | .3 | | | | | 2.3 | 8.5 |
| SSE | .4 | .3 | .6 | .6 | | | | | | | | 2.1 | 6.3 |
| S | .6 | 2.0 | 2.0 | 1.6 | .3 | .1 | | | | | | 6.6 | 8.7 |
| SSW | .4 | 1.1 | 2.0 | 1.9 | .5 | .1 | .0 | .0 | | | | 6.0 | 10.4 |
| SW | .7 | 1.7 | 2.0 | 1.6 | .6 | .1 | .0 | | | | | 6.9 | 9.6 |
| WSW | .3 | 1.2 | 1.4 | 1.0 | .1 | | .0 | | | | | 4.0 | 8.7 |
| W | .7 | 1.7 | 4.0 | 3.6 | .7 | .2 | .1 | | | | | 10.9 | 10.4 |
| WNW | .3 | .8 | 2.9 | 4.6 | 1.2 | .2 | .0 | | | | | 10.2 | 12.0 |
| NW | .8 | 1.0 | 3.1 | 4.7 | 1.6 | .6 | | | | | | 11.7 | 11.8 |
| NNW | .4 | 1.3 | 2.6 | 3.0 | .9 | .3 | | | | | | 8.5 | 11.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.6 | |
| | 7.1 | 19.5 | 31.1 | 28.2 | 6.4 | 1.7 | .3 | .0 | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 2328

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | .4 | 1.2 | 2.7 | 1.9 | .1 | | | | | | | 6.4 | 9.1 |
| NNE | .2 | .8 | 1.2 | .8 | .1 | | | | | | | 3.1 | 8.6 |
| NE | .3 | .9 | .8 | .4 | | | | | | | | 2.3 | 7.0 |
| ENE | .3 | .7 | .7 | .3 | .0 | | | | | | | 2.0 | 7.2 |
| E | .0 | 2.9 | 2.4 | .9 | .2 | | | | | | | 7.3 | 7.0 |
| ESE | .5 | 1.5 | 1.6 | .9 | .1 | .0 | | | | | | 4.9 | 7.6 |
| SE | .4 | .8 | 1.2 | 1.2 | | | | | | | | 3.6 | 8.5 |
| SSE | .2 | .3 | .4 | .2 | .0 | | | | | | | 1.1 | 7.5 |
| S | .1 | .9 | 1.8 | 1.8 | .2 | .1 | | | | | | 4.9 | 10.3 |
| SSW | .2 | .8 | 2.2 | 2.1 | .5 | .4 | | | | | | 6.1 | 11.6 |
| SW | .3 | 1.1 | 2.6 | 2.4 | .7 | .0 | | | | | | 7.2 | 10.5 |
| WSW | .3 | .9 | 2.1 | 1.1 | .1 | .2 | | | | | | 4.7 | 9.5 |
| W | .5 | 1.9 | 3.0 | 4.2 | 1.2 | .4 | | | | | | 10.9 | 11.3 |
| WNW | .3 | .7 | 4.4 | 5.0 | 1.9 | .2 | | | | | | 12.7 | 12.1 |
| NW | .3 | 1.1 | 3.3 | 4.8 | 1.9 | .5 | .0 | | | | | 11.9 | 12.3 |
| NNW | .4 | .7 | 2.0 | 3.3 | .8 | .5 | | | | | | 7.5 | 12.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.5 | |
| | 5.5 | 17.0 | 32.6 | 31.2 | 8.0 | 2.3 | .0 | | | | | 100.0 | 10.0 |

TOTAL NUMBER OF OBSERVATIONS 2329

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45,50-72 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 2.3 | 2.5 | 1.1 | .1 | .0 | | | | | | 6.6 | 7.7 |
| NNE | .5 | .4 | .7 | .5 | .1 | .1 | | | | | | 2.3 | 8.6 |
| NE | .3 | .6 | 1.0 | .4 | | | | | | | | 2.3 | 7.8 |
| ENE | .4 | .5 | .3 | .2 | .1 | .0 | | | | | | 1.6 | 7.3 |
| E | 1.2 | 2.6 | 1.6 | .6 | .0 | .0 | .0 | | | | | 5.7 | 6.6 |
| ESE | 1.0 | 3.0 | 2.4 | .6 | .2 | .0 | | | | | | 7.2 | 6.9 |
| SE | .9 | 2.6 | 2.1 | .6 | | | | | | | | 5.8 | 6.6 |
| SSE | .2 | .4 | .6 | .6 | | | | | | | | 1.7 | 8.6 |
| S | .5 | 1.6 | 2.7 | .9 | .3 | .1 | | | | | | 5.7 | 8.8 |
| SSW | .6 | 1.4 | 2.4 | 1.0 | .3 | .0 | .0 | | | | | 5.9 | 8.8 |
| SW | .3 | 1.7 | 2.1 | 1.1 | .2 | .1 | | | | | | 5.4 | 8.4 |
| WSW | .3 | 1.5 | 1.1 | .4 | .1 | | | | | | | 3.4 | 7.3 |
| W | .5 | 2.9 | 3.5 | 2.6 | .6 | .2 | | | | | | 10.2 | 9.3 |
| WNW | .6 | 1.6 | 3.2 | 4.5 | 1.0 | .4 | | | | | | 11.2 | 11.2 |
| NW | .8 | 1.7 | 4.9 | 3.5 | 1.2 | .3 | | | | | | 12.3 | 10.4 |
| NNW | .4 | 1.3 | 2.6 | 2.2 | .5 | .1 | .0 | | | | | 7.2 | 10.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.5 | |
| | 9.0 | 25.0 | 33.6 | 20.7 | 4.6 | 1.5 | .1 | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2331

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) — DOVER AFB DELAWARE (STATION NAME) — 43-45,50-72 (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 | 1.0 | 1.9 | 1.4 | .9 | .0 | .1 | | | | | | 5.3 | 7.1 |
| NNE | .4 | .6 | .9 | .4 | .0 | .1 | .0 | | | | | 2.5 | 8.6 |
| NE | .1 | .6 | .5 | .3 | | | | | | | | 1.6 | 8.4 |
| ENE | .3 | .6 | .6 | .1 | | | | | | | | 1.5 | 6.6 |
| E | .6 | 1.1 | 1.7 | .3 | .0 | .1 | .0 | | | | | 3.9 | 7.5 |
| ESE | .3 | 1.0 | 1.0 | .3 | | | | | | | | 2.6 | 7.1 |
| SE | .9 | 2.4 | 1.5 | .2 | .2 | | | | | | | 5.2 | 6.3 |
| SSE | .9 | 2.4 | 1.3 | .2 | | | | | | | | 4.9 | 5.7 |
| S | 2.2 | 3.7 | 2.9 | .8 | .3 | | | | | | | 9.5 | 6.3 |
| SSW | 1.0 | 2.1 | 1.7 | .6 | .1 | .2 | | | | | | 5.7 | 7.0 |
| SW | 1.4 | 2.5 | .7 | .5 | .1 | .1 | | | | | | 5.4 | 6.2 |
| WSW | 1.0 | 1.2 | .3 | .2 | .1 | .0 | | | | | | 2.9 | 5.5 |
| W | 1.3 | 3.2 | 2.2 | 1.5 | .3 | .2 | .0 | | | | | 8.6 | 7.8 |
| WNW | .4 | 2.1 | 2.8 | 2.8 | .3 | .1 | | | | | | 8.4 | 9.4 |
| NW | 1.0 | 2.4 | 3.1 | 2.1 | .8 | .1 | | | | | | 9.6 | 9.1 |
| NNW | 1.1 | 2.5 | 2.2 | 1.2 | .3 | .3 | | | | | | 7.7 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 14.1 | 30.3 | 24.5 | 12.6 | 2.5 | 1.2 | .1 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 2323

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 43-45,50-72 | NOV |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 1.5 | 1.6 | .8 | .1 | .1 | | | | | | 5.1 | 7.5 |
| NNE | .5 | .8 | 1.2 | .5 | | .1 | | | | | | 3.1 | 7.7 |
| NE | .3 | .7 | .8 | .2 | .1 | | | | | | | 2.0 | 7.0 |
| ENE | .5 | .9 | .8 | .1 | | | | | | | | 2.3 | 6.1 |
| E | .6 | 1.1 | .6 | .1 | .2 | .2 | | | | | | 2.7 | 7.6 |
| ESE | .5 | .7 | .6 | .4 | | | | | | | | 2.3 | 6.9 |
| SE | .7 | .9 | .5 | .5 | .1 | .0 | | | | | | 2.8 | 6.8 |
| SSE | 1.1 | 1.2 | .7 | .1 | .2 | | | | | | | 3.4 | 5.9 |
| S | 2.7 | 4.5 | 2.8 | 1.0 | .2 | .1 | | | | | | 11.3 | 6.3 |
| SSW | 1.2 | 1.6 | 1.3 | 1.4 | .1 | .0 | | | | | | 5.8 | 7.4 |
| SW | 1.2 | 2.7 | 1.2 | .6 | .2 | | | | | | | 5.9 | 6.5 |
| WSW | 1.0 | 1.6 | 1.3 | .2 | .0 | | | | | | | 4.2 | 6.0 |
| W | 1.4 | 2.9 | 2.9 | 1.7 | .1 | .2 | | | | | | 9.2 | 7.8 |
| WNW | .6 | 1.7 | 3.0 | 2.3 | .3 | .2 | | | | | | 8.0 | 9.4 |
| NW | 1.0 | 2.4 | 3.4 | 2.3 | .6 | .2 | | | | | | 9.9 | 9.1 |
| NNW | .9 | 2.0 | 1.5 | 1.1 | .4 | .1 | | | | | | 6.1 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 15.2 | 27.4 | 24.3 | 13.2 | 2.7 | 1.3 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2336

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 42-45,50-72 | DEC |
|---|---|---|---|
| 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 | 1.2 | 2.2 | 2.4 | 1.1 | .2 | .1 | | | | | | 7.3 | 7.6 |
| NNE | .6 | 1.5 | 1.1 | .5 | .0 | | | | | | | 3.7 | 6.9 |
| NE | .6 | 1.0 | 1.2 | .3 | .2 | | | | | | | 3.2 | 7.3 |
| ENE | .3 | .5 | .6 | .3 | .1 | | | | | | | 1.8 | 7.7 |
| E | .5 | .6 | .7 | .2 | .0 | .0 | | | | | | 2.3 | 7.0 |
| ESE | .2 | .4 | .4 | | .0 | | | | | | | 1.0 | 6.5 |
| SE | .3 | .4 | .2 | .1 | | | | | | | | 1.0 | 6.2 |
| SSE | .4 | .5 | .3 | .1 | | | | | | | | 1.7 | 5.4 |
| S | 1.5 | 2.8 | 1.6 | .5 | .1 | .0 | | | | | | 6.6 | 6.0 |
| SSW | .9 | 2.0 | 1.4 | .8 | .2 | .1 | | | | | | 5.3 | 7.5 |
| SW | 1.4 | 2.6 | 1.7 | 1.1 | .2 | .1 | .0 | | | | | 7.2 | 7.5 |
| WSW | .9 | 2.8 | 2.1 | .6 | .3 | .0 | | | | | | 6.8 | 7.3 |
| W | 1.5 | 3.3 | 4.2 | 3.0 | .6 | .2 | | | | | | 13.0 | 8.7 |
| WNW | .4 | 2.1 | 3.2 | 2.0 | .6 | .1 | | | | | | 8.5 | 9.3 |
| NW | .6 | 2.2 | 2.7 | 2.2 | .9 | .1 | | | | | | 8.9 | 9.5 |
| NNW | .6 | 1.6 | 2.1 | 1.7 | .1 | | | | | | | 6.1 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.6 | |
| | 12.2 | 27.1 | 26.0 | 14.7 | 3.6 | .5 | .0 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2496

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | .9 | 2.4 | 2.5 | 1.0 | .1 | .0 | | | | | | 6.9 | 7.3 |
| NNE | .6 | 1.3 | 1.0 | .8 | .2 | | .0 | | | | | 4.1 | 8.1 |
| NE | .4 | 1.0 | 1.4 | .3 | .2 | .0 | | | | | | 3.3 | 8.1 |
| ENE | .5 | .9 | .6 | .0 | | .0 | | | | | | 2.1 | 5.9 |
| E | .4 | .6 | .6 | .2 | .1 | .0 | | | | | | 1.9 | 7.7 |
| ESE | .1 | .5 | .2 | .2 | | | | | | | | 1.0 | 7.3 |
| SE | .5 | .5 | .2 | .1 | | | | | | | | 1.2 | 5.3 |
| SSE | .7 | .5 | .3 | .3 | .1 | | | | | | | 1.8 | 6.2 |
| S | 1.6 | 3.0 | .8 | .4 | .1 | | | | | | | 5.9 | 5.5 |
| SSW | 1.0 | 2.0 | 1.4 | 1.2 | .3 | | | | | | | 5.8 | 7.6 |
| SW | 1.2 | 2.2 | 2.1 | .8 | .2 | .1 | | | | | | 6.5 | 7.3 |
| WSW | 1.5 | 2.4 | 1.4 | 1.1 | .4 | | | | | | | 6.8 | 7.2 |
| W | 1.5 | 3.5 | 4.1 | 2.2 | .7 | .2 | .0 | | | | | 12.3 | 8.5 |
| WNW | .8 | 2.4 | 3.2 | 1.6 | .6 | .2 | | | | | | 8.7 | 8.8 |
| NW | 1.2 | 3.0 | 2.8 | 2.2 | .8 | .1 | .0 | | | | | 10.2 | 8.9 |
| NNW | .4 | 1.7 | 2.0 | 1.4 | .2 | .2 | | | | | | 6.3 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.1 | |
| | 13.1 | 27.9 | 24.8 | 13.9 | 4.1 | 1.0 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2489

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 42-45,50-72 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.4 | 2.1 | 1.0 | .1 | .1 | | | | | | 6.6 | 7.5 |
| NNE | .6 | 1.3 | 1.1 | .6 | .3 | | | | | | | 3.8 | 7.8 |
| NE | .3 | 1.4 | 1.0 | .4 | .1 | .1 | | | | | | 3.3 | 7.7 |
| ENE | .4 | .6 | .6 | .2 | | | | | | | | 2.2 | 6.4 |
| E | .3 | .6 | .9 | .1 | .1 | | | | | | | 2.0 | 6.9 |
| ESE | .3 | .6 | .3 | .0 | | .0 | | | | | | 1.2 | 6.6 |
| SE | .3 | .6 | .3 | .1 | .0 | | | | | | | 1.6 | 6.2 |
| SSE | .6 | .7 | .4 | .1 | .0 | .1 | | | | | | 2.1 | 6.1 |
| S | 1.6 | 2.0 | 1.2 | .3 | .1 | | | | | | | 5.7 | 5.7 |
| SSW | .7 | 1.6 | 1.7 | .7 | .1 | | | | | | | 4.8 | 7.2 |
| SW | 1.2 | 2.7 | 2.3 | .8 | .2 | .2 | | | | | | 7.5 | 7.2 |
| WSW | 1.0 | 1.9 | 1.9 | .9 | .3 | .1 | | | | | | 6.0 | 7.7 |
| W | 1.1 | 4.2 | 4.2 | 2.2 | .7 | .1 | | | | | | 12.6 | 8.3 |
| WNW | .9 | 1.8 | 2.9 | 1.9 | .6 | .2 | .0 | | | | | 7.9 | 9.4 |
| NW | 1.2 | 3.2 | 4.0 | 2.6 | .5 | .1 | | | | | | 11.6 | 8.6 |
| NNW | 1.0 | 1.4 | 2.0 | 1.6 | .2 | .1 | | | | | | 6.4 | 8.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.9 | |
| | 12.5 | 27.5 | 27.1 | 13.6 | 3.3 | 1.1 | .0 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2496

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) | DOVER AFB DELAWARE (STATION NAME) | 42-45,50-72 (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 | .7 | 1.8 | 2.3 | 2.1 | .4 | .0 | | | | | | 7.4 | 9.1 |
| NNE | .6 | 1.4 | 1.5 | 1.1 | .4 | .1 | | | | | | 5.1 | 9.0 |
| NE | .2 | .9 | 1.5 | .4 | .1 | | | | | | | 3.1 | 8.1 |
| ENE | .3 | 1.0 | 1.0 | .5 | | | | | | | | 2.8 | 7.1 |
| E | .3 | 1.1 | 1.0 | .3 | | .0 | | | | | | 3.2 | 7.1 |
| ESE | .3 | .6 | .6 | .1 | .0 | .1 | | | | | | 1.9 | 7.1 |
| SE | .4 | .4 | .5 | .2 | .1 | .0 | | | | | | 1.7 | 7.5 |
| SSE | .4 | .6 | .5 | .3 | | | | | | | | 1.8 | 6.8 |
| S | .6 | 2.0 | 2.4 | 1.1 | .1 | | | | | | | 6.2 | 7.6 |
| SSW | .4 | 1.5 | 1.6 | 1.4 | .2 | .1 | | | | | | 5.2 | 9.0 |
| SW | .5 | 1.4 | 2.0 | 1.6 | .4 | .2 | .0 | | | | | 6.2 | 9.9 |
| WSW | .5 | 1.6 | 2.6 | 1.7 | .2 | .1 | .1 | | | | | 6.8 | 9.4 |
| W | .8 | 2.4 | 3.0 | 3.7 | 1.2 | .3 | | | | | | 11.3 | 10.5 |
| WNW | .2 | 1.9 | 2.7 | 4.4 | 1.7 | .4 | .1 | | | | | 11.4 | 12.1 |
| NW | .4 | 1.8 | 3.8 | 4.7 | 1.2 | .3 | | | | | | 12.2 | 11.1 |
| NNW | .6 | 1.3 | 2.2 | 2.9 | .6 | .2 | | | | | | 7.8 | 10.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.0 | |
| | 7.6 | 21.6 | 29.0 | 26.7 | 6.8 | 2.0 | .2 | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 2502

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | .7 | 1.8 | 3.2 | 1.8 | .5 | .1 | | | | | | 8.0 | 9.2 |
| NNE | .5 | .8 | 1.1 | 1.1 | .1 | .1 | .0 | | | | | 3.7 | 9.3 |
| NE | .3 | 1.0 | 1.2 | .4 | .1 | | | | | | | 3.0 | 7.7 |
| ENE | .4 | 1.0 | .4 | .4 | .1 | | | | | | | 2.4 | 7.4 |
| E | .8 | 1.8 | 1.1 | .4 | .0 | .1 | | | | | | 4.2 | 6.6 |
| ESE | .4 | 1.0 | .7 | .3 | .0 | | | | | | | 2.3 | 7.0 |
| SE | .1 | .6 | .5 | .1 | .2 | | | | | | | 1.6 | 8.5 |
| SSE | .2 | .3 | .7 | .3 | | | | | | | | 1.5 | 7.8 |
| S | .3 | 1.3 | 2.0 | 1.1 | .0 | .1 | | | | | | 4.9 | 8.7 |
| SSW | .6 | 1.0 | 1.6 | 1.6 | .4 | .0 | | | | | | 5.2 | 9.3 |
| SW | .7 | 1.1 | 2.6 | 2.0 | .6 | .3 | .0 | | | | | 7.3 | 10.4 |
| WSW | .4 | 1.1 | 2.2 | 2.0 | .5 | .2 | | | | | | 6.4 | 10.5 |
| W | .7 | 2.1 | 3.7 | 4.4 | 1.4 | .3 | .1 | .0 | | | | 12.8 | 11.1 |
| WNW | .5 | 1.2 | 3.2 | 5.4 | 2.0 | .6 | | | | | | 12.9 | 12.5 |
| NW | .5 | 1.4 | 3.8 | 5.7 | 1.8 | .7 | .1 | | | | | 13.8 | 12.2 |
| NNW | .1 | 1.1 | 2.4 | 2.6 | .6 | .0 | | | | | | 6.8 | 10.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.3 | |
| | 7.0 | 18.6 | 30.2 | 29.5 | 8.4 | 2.5 | .3 | .0 | | | | 100.0 | 10.0 |

TOTAL NUMBER OF OBSERVATIONS 2501

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | 1.0 | 2.1 | 2.7 | 1.9 | .2 | .1 | .0 | | | | | 7.7 | 8.2 |
| NNE | .6 | .9 | .4 | .6 | .1 | .0 | | | | | | 2.6 | 7.9 |
| NE | .5 | .9 | .6 | .3 | .1 | | | | | | | 2.6 | 7.5 |
| ENE | .4 | .8 | .6 | .4 | .0 | | | | | | | 2.2 | 7.4 |
| E | 1.5 | 1.4 | .9 | .3 | .1 | .0 | .1 | | | | | 4.4 | 6.5 |
| ESE | .8 | 1.4 | 1.5 | .4 | .0 | | | | | | | 4.2 | 6.8 |
| SE | .5 | .8 | .7 | .2 | .1 | .0 | | | | | | 2.4 | 7.3 |
| SSE | .4 | .6 | .4 | .1 | | | | | | | | 1.6 | 5.7 |
| S | .5 | 1.9 | 1.7 | .7 | .2 | .0 | | | | | | 5.0 | 7.6 |
| SSW | .6 | 1.6 | 1.4 | .9 | .2 | .1 | | | | | | 4.7 | 7.9 |
| SW | .6 | 2.0 | 1.8 | 1.0 | .5 | .1 | .0 | | | | | 6.1 | 8.9 |
| WSW | .6 | 2.0 | 1.8 | 1.2 | .3 | .1 | | | | | | 6.1 | 8.3 |
| W | .9 | 3.1 | 4.7 | 3.3 | .8 | .4 | .2 | | | | | 13.3 | 9.7 |
| WNW | .6 | 2.2 | 4.1 | 4.2 | 1.4 | .4 | | | | | | 12.7 | 10.9 |
| NW | .6 | 2.0 | 3.5 | 4.8 | 1.1 | .2 | | | | | | 12.1 | 10.7 |
| NNW | .8 | 1.2 | 1.9 | 1.4 | .2 | .1 | | | | | | 5.6 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.9 | |
| | 10.7 | 24.9 | 28.7 | 21.7 | 5.2 | 1.5 | .4 | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2503

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | 1.0 | 2.1 | 2.1 | .9 | .2 | .1 | .0 | | | | | 6.4 | 7.6 |
| NNE | .4 | .7 | .6 | 1.1 | .0 | .0 | | | | | | 2.9 | 9.0 |
| NE | .6 | 1.1 | .5 | .4 | .0 | | | | | | | 2.8 | 6.4 |
| ENE | .2 | .6 | .7 | .6 | .0 | | | | | | | 2.1 | 8.6 |
| E | 1.0 | .9 | .6 | .6 | .1 | .1 | .0 | | | | | 3.3 | 7.2 |
| ESE | .6 | .8 | .6 | .2 | .1 | | | | | | | 2.3 | 6.6 |
| SE | .6 | 1.4 | .3 | .5 | .2 | | | | | | | 2.9 | 7.0 |
| SSE | .8 | 1.0 | .4 | .1 | .1 | .0 | | | | | | 2.4 | 6.0 |
| S | 2.0 | 2.6 | 1.1 | .6 | .1 | | | | | | | 6.4 | 5.7 |
| SSW | 1.1 | 2.7 | 1.4 | .8 | .2 | .0 | | | | | | 6.3 | 6.9 |
| SW | 1.0 | 2.8 | 1.6 | .7 | .3 | | | | | | | 6.4 | 6.8 |
| WSW | .7 | 1.6 | 1.0 | .6 | .2 | .1 | .0 | | | | | 4.4 | 8.0 |
| W | 1.8 | 3.1 | 3.4 | 1.8 | .6 | .2 | | | | | | 10.8 | 8.2 |
| WNW | .7 | 2.4 | 3.1 | 2.5 | .5 | .3 | .0 | | | | | 9.5 | 9.5 |
| NW | 1.1 | 2.9 | 3.4 | 1.9 | .8 | .1 | | | | | | 10.3 | 8.8 |
| NNW | .6 | 2.1 | 2.0 | 1.3 | .0 | .0 | | | | | | 6.1 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.6 | |
| | 14.4 | 28.7 | 22.8 | 14.6 | 3.6 | 1.0 | .2 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 2486

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13707 | DOVER AFB DELAWARE | 42-45,50-72 | DEC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.0 | 2.0 | 1.6 | .4 | .1 | | | | | | 7.4 | 8.1 |
| NNE | .3 | 1.1 | 1.0 | .8 | .1 | | | | | | | 3.3 | 8.3 |
| NE | .5 | .8 | .8 | .4 | .2 | | | | | | | 2.7 | 7.7 |
| ENE | .4 | .8 | 1.0 | .6 | .1 | | | | | | | 2.9 | 7.9 |
| E | .4 | .7 | .6 | .3 | .0 | | | | | | | 2.1 | 7.1 |
| ESE | .5 | .5 | .4 | .1 | | | | | | | | 1.6 | 5.5 |
| SE | .5 | .4 | .2 | .3 | | .0 | | | | | | 1.9 | 6.5 |
| SSE | .9 | .8 | .3 | .0 | | | | | | | | 2.1 | 4.5 |
| S | 2.4 | 3.1 | 2.1 | .8 | .1 | | .1 | | | | | 8.6 | 6.2 |
| SSW | 1.2 | 2.5 | 1.2 | 1.0 | .2 | .2 | .0 | | | | | 6.2 | 7.5 |
| SW | 1.2 | 2.5 | 2.3 | .8 | .4 | .1 | | | | | | 7.2 | 7.4 |
| WSW | 1.1 | 1.9 | 1.0 | .5 | .3 | .1 | | | | | | 4.9 | 7.2 |
| W | 1.2 | 3.8 | 4.1 | 2.4 | .5 | .2 | | | | | | 12.1 | 8.4 |
| WNW | .6 | 1.5 | 3.4 | 2.0 | .4 | .2 | | | | | | 8.0 | 9.4 |
| NW | 1.2 | 2.5 | 2.9 | 1.9 | .6 | .2 | | | | | | 9.3 | 8.8 |
| NNW | .6 | 1.0 | 2.3 | 1.2 | .2 | .1 | | | | | | 5.8 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.8 | |
| | 14.4 | 26.4 | 25.9 | 14.6 | 3.6 | 1.2 | .1 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2486

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-46,50-72 (YEARS) ALL (MONTH)

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

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

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 2.0 | 3.5 | 2.1 | .5 | .2 | .0 | | | | | 9.3 | 8.8 |
| NNE | .6 | 1.6 | 2.5 | 2.1 | .5 | .2 | .0 | | | | | 7.7 | 9.6 |
| NE | .6 | 1.4 | 3.0 | 2.2 | .6 | .1 | .0 | | | | | 8.4 | 9.6 |
| ENE | .4 | 1.1 | 2.1 | 1.8 | .4 | .2 | .1 | .0 | | | | 6.1 | 10.4 |
| E | .6 | 2.2 | 3.1 | 2.2 | .6 | .2 | .0 | .0 | .0 | | | 9.1 | 9.5 |
| ESE | .6 | 1.5 | 1.9 | 1.1 | .3 | .1 | .0 | .0 | | | | 5.6 | 8.8 |
| SE | .8 | 1.5 | 1.6 | 1.0 | .3 | .1 | .0 | .0 | | | | 5.4 | 8.3 |
| SSE | .7 | 1.0 | .9 | .4 | .1 | .1 | .0 | | | | | 3.1 | 7.1 |
| S | 1.2 | 2.0 | 1.5 | .7 | .2 | .1 | .0 | | | | | 5.8 | 7.2 |
| SSW | .6 | 1.2 | 1.2 | .6 | .1 | .1 | .0 | .0 | | | | 3.8 | 8.0 |
| SW | .8 | 1.4 | 1.6 | .8 | .3 | .1 | .0 | | | | .0 | 5.0 | 8.1 |
| WSW | .2 | .9 | .9 | .5 | .1 | .0 | .0 | | | | | 3.0 | 7.8 |
| W | .8 | 1.5 | 1.3 | .6 | .2 | .1 | .0 | | | | | 4.5 | 7.4 |
| WNW | .4 | .9 | .9 | .7 | .2 | .1 | .0 | | | | | 3.1 | 8.9 |
| NW | .5 | 1.3 | 1.6 | 1.0 | .4 | .1 | .0 | .0 | | | | 4.9 | 9.1 |
| NNW | .5 | 1.2 | 1.5 | .9 | .3 | .1 | .0 | .0 | | | | 4.6 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 11.1 | 24.0 | 29.1 | 18.6 | 4.9 | 1.9 | .3 | .1 | .0 | | .0 | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 30284

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ⅜ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 1800 ≥ 1500 | | | | | 91.0 | | | | | | | | | | | 92.6 |
| ≥ 1200 ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 ≥ 400 | | | | | | | | | | 97.4 | | | | | | 98.1 |
| ≥ 300 ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 ≥ 0 | | | | | 95.4 | | 96.9 | | | 98.3 | | | | | | 100.0 |

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

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

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



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## ADDITIONAL EXAMPLES

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

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

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

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

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



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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,50-72 (YEARS) ALL (MONTH)

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

ALL (HOURS (E.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 | 23.8 | 44.4 | 47.3 | 49.4 | 51.2 | 51.6 | 52.2 | 52.5 | 52.5 | 52.7 | 52.8 | 52.8 | 52.9 | 52.9 | 53.0 | 53.2 |
| > 20000 | 26.2 | 49.5 | 52.8 | 55.2 | 57.2 | 57.7 | 58.3 | 58.7 | 58.7 | 59.0 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 59.4 |
| ≥ 18000 | 26.3 | 49.7 | 53.0 | 55.5 | 57.5 | 57.9 | 58.6 | 58.9 | 59.0 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.5 | 59.7 |
| ≥ 16000 | 26.4 | 50.0 | 53.3 | 55.8 | 57.8 | 58.3 | 59.0 | 59.3 | 59.4 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.9 | 60.1 |
| ≥ 14000 | 26.7 | 51.0 | 54.4 | 56.9 | 59.0 | 59.5 | 60.2 | 60.5 | 60.6 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.3 |
| ≥ 12000 | 27.4 | 52.7 | 56.3 | 59.0 | 61.2 | 61.7 | 62.4 | 62.8 | 62.9 | 63.1 | 63.2 | 63.2 | 63.3 | 63.3 | 63.4 | 63.6 |
| ≥ 10000 | 28.5 | 55.4 | 59.3 | 62.2 | 64.6 | 65.1 | 65.9 | 66.3 | 66.4 | 66.6 | 66.7 | 66.7 | 66.8 | 66.9 | 66.9 | 67.1 |
| ≥ 9000 | 28.9 | 56.5 | 60.5 | 63.4 | 65.9 | 66.4 | 67.2 | 67.6 | 67.7 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.5 |
| ≥ 8000 | 29.6 | 58.5 | 62.7 | 65.8 | 68.5 | 69.0 | 69.8 | 70.3 | 70.3 | 70.6 | 70.7 | 70.7 | 70.9 | 70.9 | 71.0 | 71.1 |
| ≥ 7000 | 30.2 | 60.2 | 64.6 | 67.9 | 70.7 | 71.3 | 72.1 | 72.6 | 72.7 | 73.0 | 73.1 | 73.1 | 73.2 | 73.2 | 73.3 | 73.5 |
| ≥ 6000 | 30.6 | 61.3 | 65.8 | 69.3 | 72.1 | 72.7 | 73.6 | 74.1 | 74.2 | 74.5 | 74.6 | 74.6 | 74.7 | 74.8 | 74.8 | 75.0 |
| ≥ 5000 | 31.2 | 63.1 | 67.8 | 71.5 | 74.5 | 75.1 | 76.1 | 76.6 | 76.7 | 77.0 | 77.1 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 |
| ≥ 4500 | 31.5 | 63.8 | 68.7 | 72.4 | 75.5 | 76.1 | 77.1 | 77.6 | 77.7 | 78.0 | 78.1 | 78.2 | 78.3 | 78.3 | 78.4 | 78.6 |
| ≥ 4000 | 32.0 | 65.3 | 70.4 | 74.3 | 77.5 | 78.2 | 79.2 | 79.7 | 79.9 | 80.2 | 80.3 | 80.3 | 80.5 | 80.5 | 80.6 | 80.8 |
| ≥ 3500 | 32.4 | 66.4 | 71.6 | 75.6 | 78.9 | 79.6 | 80.7 | 81.2 | 81.4 | 81.7 | 81.8 | 81.8 | 82.0 | 82.0 | 82.1 | 82.3 |
| ≥ 3000 | 32.3 | 67.7 | 73.1 | 77.3 | 80.8 | 81.5 | 82.6 | 83.2 | 83.3 | 83.7 | 83.8 | 83.8 | 84.0 | 84.0 | 84.1 | 84.3 |
| ≥ 2500 | 33.1 | 68.6 | 74.2 | 78.5 | 82.1 | 82.9 | 84.1 | 84.7 | 84.8 | 85.1 | 85.3 | 85.3 | 85.5 | 85.5 | 85.6 | 85.8 |
| ≥ 2000 | 33.4 | 69.5 | 75.3 | 79.7 | 83.6 | 84.4 | 85.7 | 86.3 | 86.4 | 86.8 | 87.0 | 87.0 | 87.2 | 87.2 | 87.3 | 87.5 |
| ≥ 1800 | 33.4 | 69.7 | 75.5 | 80.0 | 83.9 | 84.7 | 86.0 | 86.7 | 86.8 | 87.2 | 87.4 | 87.4 | 87.6 | 87.6 | 87.7 | 87.9 |
| ≥ 1500 | 33.5 | 70.2 | 76.2 | 80.8 | 84.9 | 85.7 | 87.1 | 87.8 | 88.0 | 88.4 | 88.6 | 88.6 | 88.8 | 88.8 | 88.9 | 89.1 |
| ≥ 1200 | 33.6 | 70.8 | 76.9 | 81.7 | 85.9 | 86.8 | 88.3 | 89.1 | 89.3 | 89.7 | 89.9 | 89.9 | 90.1 | 90.1 | 90.2 | 90.4 |
| ≥ 1000 | 33.7 | 71.3 | 77.5 | 82.5 | 86.9 | 87.9 | 89.5 | 90.3 | 90.5 | 91.1 | 91.3 | 91.3 | 91.5 | 91.5 | 91.6 | 91.8 |
| ≥ 900 | 33.7 | 71.5 | 77.8 | 82.8 | 87.3 | 88.4 | 90.0 | 90.9 | 91.1 | 91.7 | 91.9 | 92.0 | 92.1 | 92.2 | 92.3 | 92.5 |
| ≥ 800 | 33.7 | 71.7 | 78.0 | 83.2 | 87.9 | 89.0 | 90.8 | 91.7 | 91.9 | 92.5 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.4 |
| ≥ 700 | 33.7 | 71.8 | 78.3 | 83.6 | 88.4 | 89.5 | 91.4 | 92.4 | 92.7 | 93.3 | 93.6 | 93.7 | 93.9 | 93.9 | 94.0 | 94.2 |
| ≥ 600 | 33.7 | 72.0 | 78.6 | 83.9 | 88.9 | 90.1 | 92.1 | 93.2 | 93.5 | 94.2 | 94.5 | 94.6 | 94.9 | 94.9 | 95.0 | 95.2 |
| ≥ 500 | 33.7 | 72.1 | 78.7 | 84.2 | 89.4 | 90.6 | 92.8 | 94.1 | 94.4 | 95.2 | 95.6 | 95.7 | 96.0 | 96.0 | 96.2 | 96.4 |
| ≥ 400 | 33.7 | 72.1 | 78.8 | 84.4 | 89.6 | 91.0 | 93.3 | 94.7 | 95.0 | 96.0 | 96.4 | 96.5 | 96.8 | 96.9 | 97.0 | 97.2 |
| ≥ 300 | 33.7 | 72.2 | 78.9 | 84.5 | 89.8 | 91.2 | 93.6 | 95.1 | 95.5 | 96.6 | 97.1 | 97.2 | 97.6 | 97.7 | 97.8 | 98.1 |
| ≥ 200 | 33.7 | 72.2 | 78.9 | 84.5 | 89.9 | 91.3 | 93.7 | 95.3 | 95.7 | 96.9 | 97.5 | 97.7 | 98.2 | 98.3 | 98.5 | 98.8 |
| ≥ 100 | 33.7 | 72.2 | 78.9 | 84.5 | 89.9 | 91.3 | 93.8 | 95.3 | 95.8 | 97.0 | 97.7 | 97.9 | 98.5 | 98.6 | 99.0 | 99.4 |
| = 0 | 33.7 | 72.2 | 78.9 | 84.5 | 89.9 | 91.3 | 93.8 | 95.3 | 95.8 | 97.0 | 97.7 | 97.9 | 98.5 | 98.7 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 227557

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 23.9 | 42.6 | 44.4 | 45.8 | 47.4 | 47.8 | 48.2 | 48.4 | 48.5 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 | 48.8 | 48.9 |
| ≥ 20000 | 26.3 | 47.4 | 49.4 | 51.1 | 52.9 | 53.3 | 53.8 | 54.0 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 |
| ≥ 18000 | 26.4 | 47.7 | 49.7 | 51.4 | 53.2 | 53.6 | 54.1 | 54.3 | 54.4 | 54.5 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 | 54.9 |
| ≥ 16000 | 26.8 | 48.2 | 50.3 | 52.0 | 53.8 | 54.2 | 54.7 | 54.9 | 55.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 |
| ≥ 14000 | 27.1 | 49.5 | 51.7 | 53.4 | 55.2 | 55.6 | 56.2 | 56.4 | 56.4 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 | 56.8 | 56.9 |
| ≥ 12000 | 27.8 | 51.3 | 53.6 | 55.3 | 57.3 | 57.9 | 58.5 | 58.7 | 58.7 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.1 | 59.2 |
| ≥ 10000 | 28.8 | 53.8 | 56.3 | 58.3 | 60.4 | 60.9 | 61.5 | 61.7 | 61.8 | 62.0 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 | 62.4 |
| ≥ 9000 | 29.0 | 54.7 | 57.3 | 59.5 | 61.6 | 62.1 | 62.7 | 62.9 | 63.0 | 63.2 | 63.3 | 63.3 | 63.4 | 63.4 | 63.5 | 63.6 |
| ≥ 8000 | 29.6 | 56.4 | 59.3 | 61.7 | 64.2 | 64.7 | 65.4 | 65.6 | 65.7 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.4 |
| ≥ 7000 | 30.1 | 58.1 | 61.3 | 64.0 | 66.6 | 67.2 | 67.9 | 68.1 | 68.2 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.8 | 69.0 |
| ≥ 6000 | 30.5 | 59.5 | 62.9 | 65.7 | 68.5 | 69.1 | 69.8 | 70.1 | 70.2 | 70.4 | 70.5 | 70.6 | 70.7 | 70.7 | 70.8 | 71.0 |
| ≥ 5000 | 31.1 | 61.5 | 65.2 | 68.2 | 71.3 | 71.9 | 72.8 | 73.1 | 73.2 | 73.5 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 74.0 |
| ≥ 4500 | 31.5 | 62.5 | 66.3 | 69.4 | 72.7 | 73.3 | 74.2 | 74.5 | 74.6 | 74.9 | 75.0 | 75.1 | 75.2 | 75.2 | 75.3 | 75.5 |
| ≥ 4000 | 32.0 | 63.9 | 68.0 | 71.3 | 74.7 | 75.4 | 76.4 | 76.8 | 76.9 | 77.2 | 77.4 | 77.4 | 77.5 | 77.5 | 77.7 | 77.8 |
| ≥ 3500 | 32.3 | 65.0 | 69.3 | 72.7 | 76.3 | 77.0 | 78.0 | 78.4 | 78.5 | 78.8 | 79.0 | 79.0 | 79.1 | 79.2 | 79.3 | 79.4 |
| ≥ 3000 | 32.7 | 66.2 | 70.7 | 74.3 | 78.1 | 78.8 | 79.9 | 80.4 | 80.5 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.4 |
| ≥ 2500 | 32.9 | 67.1 | 71.8 | 75.5 | 79.4 | 80.2 | 81.4 | 81.9 | 82.0 | 82.4 | 82.6 | 82.6 | 82.7 | 82.8 | 82.9 | 83.1 |
| ≥ 2000 | 33.0 | 67.9 | 72.7 | 76.7 | 80.8 | 81.7 | 83.0 | 83.6 | 83.7 | 84.2 | 84.4 | 84.5 | 84.6 | 84.6 | 84.7 | 84.9 |
| ≥ 1800 | 33.0 | 68.0 | 72.9 | 76.9 | 81.0 | 81.9 | 83.3 | 83.9 | 84.1 | 84.5 | 84.7 | 84.8 | 84.9 | 84.9 | 85.0 | 85.2 |
| ≥ 1500 | 33.1 | 68.5 | 73.4 | 77.6 | 81.9 | 82.9 | 84.4 | 85.0 | 85.2 | 85.7 | 85.9 | 86.0 | 86.1 | 86.1 | 86.2 | 86.4 |
| ≥ 1200 | 33.2 | 69.1 | 74.1 | 78.4 | 83.0 | 84.0 | 85.6 | 86.4 | 86.6 | 87.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.8 | 88.0 |
| ≥ 1000 | 33.2 | 69.3 | 74.5 | 78.9 | 83.6 | 84.7 | 86.5 | 87.4 | 87.6 | 88.3 | 88.7 | 88.8 | 89.0 | 89.0 | 89.1 | 89.3 |
| ≥ 900 | 33.3 | 69.5 | 74.7 | 79.2 | 84.1 | 85.2 | 87.1 | 88.0 | 88.3 | 89.1 | 89.5 | 89.6 | 89.8 | 89.9 | 90.0 | 90.2 |
| ≥ 800 | 33.3 | 69.6 | 75.0 | 79.6 | 84.6 | 85.8 | 87.8 | 88.8 | 89.1 | 90.0 | 90.5 | 90.6 | 90.8 | 90.9 | 91.0 | 91.2 |
| ≥ 700 | 33.3 | 69.8 | 75.2 | 79.9 | 85.1 | 86.3 | 88.4 | 89.5 | 89.9 | 90.9 | 91.4 | 91.5 | 91.8 | 91.9 | 92.0 | 92.2 |
| ≥ 600 | 33.3 | 69.9 | 75.3 | 80.2 | 85.5 | 86.8 | 88.9 | 90.2 | 90.6 | 91.7 | 92.3 | 92.4 | 92.9 | 92.9 | 93.1 | 93.3 |
| ≥ 500 | 33.3 | 69.9 | 75.4 | 80.3 | 85.8 | 87.2 | 89.5 | 90.9 | 91.4 | 92.8 | 93.4 | 93.7 | 94.3 | 94.4 | 94.5 | 94.7 |
| ≥ 400 | 33.3 | 69.9 | 75.5 | 80.5 | 86.0 | 87.5 | 90.0 | 91.5 | 92.1 | 93.6 | 94.4 | 94.6 | 95.3 | 95.4 | 95.6 | 95.8 |
| ≥ 300 | 33.3 | 69.9 | 75.5 | 80.5 | 86.1 | 87.6 | 90.2 | 91.8 | 92.4 | 94.1 | 94.9 | 95.2 | 96.0 | 96.1 | 96.4 | 96.7 |
| ≥ 200 | 33.3 | 69.9 | 75.5 | 80.5 | 86.1 | 87.6 | 90.3 | 92.0 | 92.6 | 94.5 | 95.5 | 95.9 | 96.8 | 97.1 | 97.4 | 97.9 |
| ≥ 100 | 33.3 | 69.9 | 75.5 | 80.5 | 86.1 | 87.6 | 90.3 | 92.0 | 92.7 | 94.6 | 95.7 | 96.1 | 97.3 | 97.7 | 98.3 | 99.1 |
| ≥ 0 | 33.3 | 69.9 | 75.5 | 80.5 | 86.1 | 87.6 | 90.3 | 92.0 | 92.7 | 94.6 | 95.7 | 96.1 | 97.4 | 97.7 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19205

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (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 | 24.1 | 42.4 | 45.1 | 46.9 | 48.5 | 48.7 | 49.1 | 49.4 | 49.5 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.8 | 49.9 |
| ≥ 20000 | 26.1 | 46.8 | 49.8 | 51.9 | 53.7 | 54.0 | 54.4 | 54.8 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.4 |
| ≥ 18000 | 26.2 | 47.1 | 50.1 | 52.2 | 54.0 | 54.3 | 54.7 | 55.1 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 | 55.7 |
| ≥ 16000 | 26.3 | 47.4 | 50.5 | 52.6 | 54.4 | 54.7 | 55.1 | 55.5 | 55.6 | 55.7 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 56.1 |
| ≥ 14000 | 26.8 | 48.5 | 51.6 | 53.8 | 55.7 | 55.9 | 56.4 | 56.7 | 56.8 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.2 | 57.4 |
| ≥ 12000 | 27.3 | 50.0 | 53.3 | 55.7 | 57.8 | 58.1 | 58.6 | 59.0 | 59.1 | 59.2 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.6 |
| ≥ 10000 | 28.2 | 52.3 | 55.9 | 58.4 | 60.7 | 61.0 | 61.6 | 62.0 | 62.1 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.7 |
| ≥ 9000 | 28.5 | 53.2 | 56.9 | 59.6 | 61.9 | 62.2 | 62.8 | 63.2 | 63.3 | 63.5 | 63.6 | 63.6 | 63.7 | 63.7 | 63.8 | 64.0 |
| ≥ 8000 | 29.3 | 55.3 | 59.2 | 61.9 | 64.4 | 64.7 | 65.3 | 65.8 | 65.9 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.5 |
| ≥ 7000 | 29.9 | 57.4 | 61.7 | 64.7 | 67.3 | 67.7 | 68.4 | 68.9 | 69.0 | 69.2 | 69.3 | 69.3 | 69.4 | 69.4 | 69.5 | 69.7 |
| ≥ 6000 | 30.4 | 58.8 | 63.2 | 66.3 | 69.2 | 69.6 | 70.3 | 70.8 | 70.9 | 71.1 | 71.2 | 71.2 | 71.3 | 71.4 | 71.4 | 71.6 |
| ≥ 5000 | 31.0 | 60.9 | 65.5 | 68.9 | 71.9 | 72.4 | 73.1 | 73.7 | 73.8 | 74.0 | 74.1 | 74.1 | 74.2 | 74.3 | 74.3 | 74.5 |
| ≥ 4500 | 31.2 | 61.6 | 66.5 | 69.9 | 73.0 | 73.5 | 74.3 | 74.9 | 75.0 | 75.2 | 75.3 | 75.3 | 75.4 | 75.5 | 75.5 | 75.7 |
| ≥ 4000 | 31.9 | 63.3 | 68.5 | 72.1 | 75.4 | 75.9 | 76.8 | 77.4 | 77.5 | 77.8 | 77.9 | 78.0 | 78.1 | 78.1 | 78.2 | 78.4 |
| ≥ 3500 | 32.3 | 64.3 | 69.6 | 73.2 | 76.7 | 77.2 | 78.1 | 78.8 | 78.9 | 79.2 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 | 79.8 |
| ≥ 3000 | 32.7 | 65.6 | 71.1 | 74.9 | 78.6 | 79.1 | 80.1 | 80.8 | 80.9 | 81.2 | 81.4 | 81.4 | 81.5 | 81.5 | 81.6 | 81.8 |
| ≥ 2500 | 32.9 | 66.2 | 71.8 | 75.8 | 79.7 | 80.3 | 81.3 | 82.0 | 82.2 | 82.6 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 83.2 |
| ≥ 2000 | 32.9 | 66.9 | 72.6 | 76.8 | 80.9 | 81.5 | 82.6 | 83.4 | 83.6 | 84.0 | 84.2 | 84.2 | 84.3 | 84.4 | 84.5 | 84.7 |
| ≥ 1800 | 33.0 | 67.0 | 72.8 | 77.1 | 81.2 | 81.9 | 82.9 | 83.8 | 84.0 | 84.4 | 84.6 | 84.7 | 84.8 | 84.8 | 84.9 | 85.1 |
| ≥ 1500 | 33.1 | 67.4 | 73.3 | 77.8 | 82.1 | 82.9 | 84.1 | 84.9 | 85.2 | 85.7 | 85.9 | 86.0 | 86.1 | 86.1 | 86.2 | 86.4 |
| ≥ 1200 | 33.1 | 67.7 | 73.7 | 78.4 | 83.0 | 83.7 | 85.0 | 86.0 | 86.3 | 86.8 | 87.0 | 87.1 | 87.2 | 87.2 | 87.3 | 87.5 |
| ≥ 1000 | 33.1 | 68.0 | 74.1 | 79.0 | 83.8 | 84.7 | 86.1 | 87.1 | 87.5 | 88.1 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.9 |
| ≥ 900 | 33.1 | 68.1 | 74.3 | 79.2 | 84.1 | 85.0 | 86.5 | 87.6 | 88.0 | 88.6 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.5 |
| ≥ 800 | 33.2 | 68.2 | 74.4 | 79.3 | 84.4 | 85.5 | 87.0 | 88.2 | 88.6 | 89.3 | 89.7 | 89.8 | 90.0 | 90.0 | 90.1 | 90.3 |
| ≥ 700 | 33.2 | 68.3 | 74.6 | 79.8 | 84.8 | 85.9 | 87.5 | 88.8 | 89.3 | 90.1 | 90.4 | 90.6 | 90.8 | 90.8 | 90.9 | 91.1 |
| ≥ 600 | 33.2 | 68.4 | 74.8 | 80.1 | 85.3 | 86.5 | 88.3 | 89.7 | 90.2 | 91.1 | 91.5 | 91.7 | 91.9 | 92.0 | 92.1 | 92.3 |
| ≥ 500 | 33.2 | 68.5 | 74.9 | 80.4 | 85.8 | 87.1 | 89.1 | 90.7 | 91.3 | 92.4 | 93.0 | 93.2 | 93.5 | 93.7 | 93.7 | 94.0 |
| ≥ 400 | 33.2 | 68.5 | 75.0 | 80.5 | 86.0 | 87.4 | 89.6 | 91.4 | 92.0 | 93.3 | 94.0 | 94.2 | 94.7 | 94.9 | 95.0 | 95.2 |
| ≥ 300 | 33.2 | 68.6 | 75.0 | 80.6 | 86.1 | 87.6 | 90.0 | 92.0 | 92.8 | 94.3 | 95.1 | 95.4 | 96.0 | 96.2 | 96.3 | 96.6 |
| ≥ 200 | 33.2 | 68.6 | 75.0 | 80.6 | 86.2 | 87.7 | 90.1 | 92.3 | 93.1 | 94.8 | 95.9 | 96.2 | 97.0 | 97.2 | 97.5 | 97.8 |
| ≥ 100 | 33.2 | 68.6 | 75.0 | 80.6 | 86.2 | 87.7 | 90.1 | 92.3 | 93.2 | 94.9 | 96.1 | 96.6 | 97.5 | 97.9 | 98.4 | 99.0 |
| ≥ 0 | 33.2 | 68.6 | 75.0 | 80.6 | 86.2 | 87.7 | 90.1 | 92.3 | 93.2 | 94.9 | 96.2 | 96.6 | 97.6 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 17500

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.7 | 44.9 | 46.6 | 48.2 | 49.2 | 49.4 | 49.6 | 49.6 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | 29.4 | 49.7 | 51.7 | 53.5 | 54.5 | 54.7 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 |
| ≥ 18000 | 29.5 | 50.0 | 52.0 | 53.8 | 54.8 | 55.0 | 55.2 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 |
| ≥ 16000 | 29.7 | 50.3 | 52.3 | 54.1 | 55.2 | 55.3 | 55.6 | 55.7 | 55.7 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 |
| ≥ 14000 | 30.1 | 51.4 | 53.5 | 55.3 | 56.5 | 56.6 | 56.8 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 | 57.3 |
| ≥ 12000 | 30.8 | 52.8 | 55.0 | 57.0 | 58.2 | 58.4 | 58.6 | 58.8 | 58.8 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 |
| ≥ 10000 | 31.8 | 54.9 | 57.3 | 59.5 | 60.9 | 61.1 | 61.4 | 61.5 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 |
| ≥ 9000 | 32.1 | 55.8 | 58.3 | 60.5 | 62.0 | 62.2 | 62.5 | 62.7 | 62.8 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 8000 | 33.0 | 57.9 | 60.5 | 62.8 | 64.4 | 64.7 | 65.0 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 |
| ≥ 7000 | 33.7 | 59.8 | 62.6 | 65.1 | 66.9 | 67.2 | 67.6 | 67.7 | 67.8 | 67.9 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.2 |
| ≥ 6000 | 34.2 | 61.2 | 64.1 | 66.7 | 68.7 | 69.0 | 69.4 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 |
| ≥ 5000 | 34.8 | 63.2 | 66.3 | 69.1 | 71.2 | 71.5 | 71.9 | 72.2 | 72.2 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 |
| ≥ 4500 | 35.3 | 64.2 | 67.5 | 70.3 | 72.4 | 72.7 | 73.2 | 73.4 | 73.5 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.9 |
| ≥ 4000 | 35.9 | 66.3 | 69.7 | 72.7 | 74.9 | 75.2 | 75.7 | 76.0 | 76.0 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 |
| ≥ 3500 | 36.5 | 67.7 | 71.2 | 74.3 | 76.6 | 76.9 | 77.5 | 77.7 | 77.8 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 |
| ≥ 3000 | 36.9 | 69.3 | 73.1 | 76.4 | 78.9 | 79.3 | 80.0 | 80.2 | 80.3 | 80.5 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.8 |
| ≥ 2500 | 37.1 | 70.2 | 74.2 | 77.7 | 80.3 | 80.8 | 81.5 | 81.8 | 81.9 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 |
| ≥ 2000 | 37.3 | 71.2 | 75.3 | 79.0 | 81.7 | 82.2 | 83.0 | 83.4 | 83.5 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 |
| ≥ 1800 | 37.3 | 71.4 | 75.6 | 79.3 | 82.0 | 82.6 | 83.4 | 83.8 | 83.9 | 84.1 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.4 |
| ≥ 1500 | 37.4 | 71.8 | 76.2 | 80.0 | 82.9 | 83.5 | 84.4 | 84.9 | 85.0 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 1200 | 37.5 | 72.3 | 76.9 | 80.9 | 84.0 | 84.6 | 85.7 | 86.2 | 86.3 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 |
| ≥ 1000 | 37.6 | 72.8 | 77.6 | 81.8 | 85.1 | 85.8 | 87.0 | 87.6 | 87.8 | 88.2 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.7 |
| ≥ 900 | 37.6 | 72.9 | 77.8 | 82.1 | 85.4 | 86.2 | 87.4 | 88.1 | 88.3 | 88.7 | 89.0 | 89.0 | 89.1 | 89.1 | 89.2 | 89.3 |
| ≥ 800 | 37.6 | 73.1 | 78.1 | 82.5 | 86.1 | 86.9 | 88.3 | 89.1 | 89.3 | 89.9 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 |
| ≥ 700 | 37.6 | 73.2 | 78.3 | 82.9 | 86.6 | 87.5 | 89.0 | 90.0 | 90.3 | 90.9 | 91.2 | 91.3 | 91.5 | 91.5 | 91.5 | 91.6 |
| ≥ 600 | 37.6 | 73.4 | 78.6 | 83.4 | 87.3 | 88.3 | 90.0 | 91.2 | 91.4 | 92.1 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 93.0 |
| ≥ 500 | 37.7 | 73.6 | 78.8 | 83.8 | 88.0 | 89.1 | 91.1 | 92.4 | 92.8 | 93.6 | 94.1 | 94.3 | 94.5 | 94.5 | 94.6 | 94.7 |
| ≥ 400 | 37.7 | 73.6 | 79.0 | 84.1 | 88.5 | 89.7 | 91.9 | 93.3 | 93.8 | 94.8 | 95.4 | 95.6 | 95.9 | 95.9 | 96.0 | 96.2 |
| ≥ 300 | 37.7 | 73.7 | 79.0 | 84.2 | 88.6 | 89.9 | 92.3 | 93.9 | 94.4 | 95.6 | 96.5 | 96.7 | 97.1 | 97.1 | 97.3 | 97.4 |
| ≥ 200 | 37.7 | 73.7 | 79.0 | 84.2 | 88.7 | 90.0 | 92.5 | 94.2 | 94.9 | 96.2 | 97.2 | 97.5 | 97.9 | 98.1 | 98.3 | 98.5 |
| ≥ 100 | 37.7 | 73.7 | 79.0 | 84.2 | 88.7 | 90.0 | 92.5 | 94.3 | 95.0 | 96.3 | 97.3 | 97.7 | 98.3 | 98.6 | 99.0 | 99.4 |
| 0 | 37.7 | 73.7 | 79.0 | 84.2 | 88.7 | 90.0 | 92.5 | 94.3 | 95.0 | 96.3 | 97.3 | 97.7 | 98.3 | 98.6 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19260

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 28.3 | 45.7 | 47.1 | 48.0 | 48.7 | 48.8 | 49.1 | 49.2 | 49.2 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 |
| ≥ 20000 | 31.3 | 51.0 | 52.8 | 53.8 | 54.7 | 54.8 | 55.1 | 55.2 | 55.2 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.5 |
| ≥ 18000 | 31.4 | 51.3 | 53.1 | 54.1 | 54.9 | 55.0 | 55.3 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.8 |
| ≥ 16000 | 31.5 | 51.6 | 53.4 | 54.5 | 55.4 | 55.5 | 55.7 | 55.9 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 |
| ≥ 14000 | 31.8 | 52.5 | 54.4 | 55.5 | 56.4 | 56.5 | 56.8 | 57.0 | 57.0 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.3 |
| ≥ 12000 | 32.6 | 54.3 | 56.3 | 57.6 | 58.5 | 58.6 | 58.9 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 |
| ≥ 10000 | 34.0 | 57.5 | 59.7 | 61.1 | 62.1 | 62.2 | 62.6 | 62.7 | 62.7 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 9000 | 34.5 | 58.8 | 61.1 | 62.5 | 63.6 | 63.7 | 64.1 | 64.2 | 64.3 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 |
| ≥ 8000 | 35.5 | 61.3 | 63.8 | 65.5 | 66.6 | 66.8 | 67.2 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.8 |
| ≥ 7000 | 36.4 | 63.7 | 66.4 | 68.3 | 69.5 | 69.7 | 70.1 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 |
| ≥ 6000 | 37.1 | 65.4 | 68.2 | 70.2 | 71.6 | 71.8 | 72.2 | 72.4 | 72.4 | 72.5 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 |
| ≥ 5000 | 38.3 | 67.9 | 70.9 | 73.1 | 74.6 | 74.8 | 75.3 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 76.0 |
| ≥ 4500 | 38.6 | 68.8 | 71.9 | 74.1 | 75.7 | 75.9 | 76.4 | 76.6 | 76.6 | 76.8 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 |
| ≥ 4000 | 39.4 | 70.7 | 74.0 | 76.3 | 78.1 | 78.4 | 78.9 | 79.1 | 79.2 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| ≥ 3500 | 40.0 | 72.0 | 75.4 | 77.9 | 79.7 | 80.0 | 80.5 | 80.7 | 80.8 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 |
| ≥ 3000 | 40.3 | 72.9 | 76.6 | 79.3 | 81.2 | 81.5 | 82.1 | 82.3 | 82.4 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 |
| ≥ 2500 | 40.6 | 73.8 | 77.7 | 80.4 | 82.5 | 82.8 | 83.4 | 83.7 | 83.8 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.3 |
| ≥ 2000 | 40.9 | 74.6 | 78.6 | 81.5 | 83.7 | 84.1 | 84.8 | 85.0 | 85.1 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 |
| ≥ 1800 | 41.0 | 74.9 | 78.9 | 81.8 | 84.1 | 84.4 | 85.1 | 85.4 | 85.5 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 1500 | 41.1 | 75.4 | 79.6 | 82.6 | 85.1 | 85.5 | 86.3 | 86.6 | 86.7 | 86.9 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 |
| ≥ 1200 | 41.2 | 76.2 | 80.5 | 83.7 | 86.4 | 86.9 | 87.8 | 88.1 | 88.2 | 88.5 | 88.6 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 |
| ≥ 1000 | 41.3 | 76.8 | 81.3 | 84.6 | 87.6 | 88.1 | 89.1 | 89.5 | 89.6 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 900 | 41.3 | 77.1 | 81.7 | 85.1 | 88.3 | 88.8 | 89.9 | 90.3 | 90.5 | 90.9 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.3 |
| ≥ 800 | 41.4 | 77.4 | 82.0 | 85.6 | 89.0 | 89.6 | 90.8 | 91.3 | 91.4 | 91.8 | 92.0 | 92.0 | 92.1 | 92.1 | 92.2 | 92.3 |
| ≥ 700 | 41.4 | 77.6 | 82.4 | 86.1 | 89.7 | 90.3 | 91.7 | 92.2 | 92.3 | 92.8 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.3 |
| ≥ 600 | 41.4 | 77.8 | 82.7 | 86.6 | 90.4 | 91.2 | 92.7 | 93.4 | 93.6 | 94.2 | 94.4 | 94.4 | 94.5 | 94.6 | 94.6 | 94.7 |
| ≥ 500 | 41.4 | 77.9 | 83.0 | 87.0 | 91.1 | 91.9 | 93.7 | 94.5 | 94.7 | 95.4 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.1 |
| ≥ 400 | 41.4 | 78.0 | 83.1 | 87.2 | 91.5 | 92.4 | 94.3 | 95.3 | 95.5 | 96.4 | 96.7 | 96.7 | 96.9 | 96.9 | 97.0 | 97.1 |
| ≥ 300 | 41.4 | 78.1 | 83.2 | 87.4 | 91.8 | 92.6 | 94.8 | 96.0 | 96.2 | 97.1 | 97.5 | 97.6 | 97.9 | 97.9 | 98.0 | 98.1 |
| ≥ 200 | 41.4 | 78.1 | 83.3 | 87.4 | 91.9 | 92.8 | 94.9 | 96.2 | 96.6 | 97.6 | 98.1 | 98.2 | 98.5 | 98.6 | 98.7 | 98.8 |
| ≥ 100 | 41.4 | 78.1 | 83.3 | 87.4 | 91.9 | 92.8 | 94.9 | 96.2 | 96.6 | 97.7 | 98.2 | 98.4 | 98.8 | 98.9 | 99.2 | 99.4 |
| ≥ 0 | 41.4 | 78.1 | 83.3 | 87.4 | 91.9 | 92.8 | 94.9 | 96.2 | 96.6 | 97.7 | 98.2 | 98.4 | 98.8 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 18568

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.6 | 45.1 | 46.9 | 48.1 | 48.9 | 49.1 | 49.3 | 49.4 | 49.4 | 49.5 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.8 |
| ≥ 20000 | 31.1 | 51.1 | 53.1 | 54.5 | 55.4 | 55.6 | 55.9 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.5 |
| < 18000 | 31.2 | 51.2 | 53.3 | 54.7 | 55.6 | 55.8 | 56.1 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 |
| ≥ 16000 | 31.2 | 51.4 | 53.5 | 54.9 | 55.8 | 56.0 | 56.3 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 |
| < 14000 | 31.8 | 52.5 | 54.6 | 56.1 | 57.1 | 57.3 | 57.6 | 57.7 | 57.7 | 57.8 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 | 58.1 |
| ≥ 12000 | 32.9 | 54.6 | 56.9 | 58.4 | 59.4 | 59.7 | 60.0 | 60.1 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 |
| < 10000 | 34.5 | 58.0 | 60.5 | 62.2 | 63.4 | 63.6 | 63.9 | 64.1 | 64.1 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.5 | 64.6 |
| ≥ 9000 | 35.3 | 59.4 | 62.0 | 63.8 | 65.0 | 65.3 | 65.6 | 65.8 | 65.8 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.2 | 66.2 |
| < 8000 | 36.6 | 62.3 | 65.1 | 67.0 | 68.2 | 68.5 | 68.9 | 69.1 | 69.1 | 69.2 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 |
| ≥ 7000 | 37.5 | 64.5 | 67.5 | 69.5 | 70.9 | 71.2 | 71.6 | 71.8 | 71.8 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 |
| < 6000 | 38.0 | 65.6 | 68.7 | 70.9 | 72.3 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 |
| ≥ 5000 | 38.9 | 67.6 | 71.1 | 73.5 | 75.1 | 75.4 | 75.9 | 76.1 | 76.1 | 76.3 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 |
| < 4500 | 39.2 | 68.3 | 71.9 | 74.4 | 76.0 | 76.4 | 76.8 | 77.1 | 77.1 | 77.3 | 77.3 | 77.4 | 77.4 | 77.5 | 77.5 | 77.6 |
| ≥ 4000 | 40.0 | 69.8 | 73.5 | 76.2 | 77.9 | 78.3 | 78.8 | 79.1 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 | 79.6 |
| < 3500 | 40.4 | 70.8 | 74.7 | 77.4 | 79.3 | 79.7 | 80.2 | 80.4 | 80.5 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 |
| ≥ 3000 | 41.1 | 72.4 | 76.5 | 79.4 | 81.4 | 81.8 | 82.4 | 82.7 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.2 |
| < 2500 | 41.6 | 73.5 | 77.7 | 80.7 | 82.8 | 83.2 | 83.9 | 84.1 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.6 | 84.6 | 84.7 |
| ≥ 2000 | 42.0 | 74.7 | 79.1 | 82.3 | 84.6 | 85.0 | 85.8 | 86.1 | 86.1 | 86.3 | 86.4 | 86.4 | 86.5 | 86.5 | 86.6 | 86.7 |
| < 1800 | 42.0 | 75.0 | 79.4 | 82.7 | 85.0 | 85.4 | 86.2 | 86.5 | 86.5 | 86.7 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.1 |
| ≥ 1500 | 42.1 | 75.7 | 80.3 | 83.7 | 86.1 | 86.6 | 87.4 | 87.7 | 87.8 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 | 88.4 |
| < 1200 | 42.3 | 76.4 | 81.3 | 84.8 | 87.3 | 87.9 | 88.8 | 89.2 | 89.2 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.8 | 89.9 |
| ≥ 1000 | 42.4 | 77.1 | 82.1 | 85.7 | 88.5 | 89.1 | 90.2 | 90.6 | 90.7 | 91.0 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 |
| < 900 | 42.4 | 77.5 | 82.6 | 86.3 | 89.1 | 89.8 | 90.9 | 91.4 | 91.5 | 91.8 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.2 |
| ≥ 800 | 42.5 | 77.8 | 83.1 | 86.9 | 89.9 | 90.5 | 91.8 | 92.3 | 92.4 | 92.8 | 92.9 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 |
| < 700 | 42.5 | 78.2 | 83.5 | 87.4 | 90.5 | 91.2 | 92.6 | 93.2 | 93.2 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 |
| ≥ 600 | 42.5 | 78.3 | 83.8 | 87.8 | 91.1 | 91.9 | 93.4 | 94.1 | 94.1 | 94.6 | 94.8 | 94.8 | 94.9 | 95.0 | 95.1 | 95.1 |
| < 500 | 42.5 | 78.5 | 84.0 | 88.2 | 91.7 | 92.6 | 94.2 | 95.1 | 95.2 | 95.7 | 96.0 | 96.0 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 400 | 42.5 | 78.6 | 84.1 | 88.5 | 92.1 | 93.1 | 95.0 | 95.9 | 96.0 | 96.7 | 97.0 | 97.0 | 97.2 | 97.2 | 97.3 | 97.4 |
| < 300 | 42.5 | 78.6 | 84.2 | 88.6 | 92.4 | 93.4 | 95.4 | 96.5 | 96.6 | 97.5 | 97.7 | 97.7 | 98.0 | 98.1 | 98.2 | 98.3 |
| ≥ 200 | 42.5 | 78.6 | 84.3 | 88.6 | 92.5 | 93.5 | 95.6 | 96.7 | 96.9 | 97.8 | 98.2 | 98.3 | 98.6 | 98.7 | 98.9 | 99.0 |
| < 100 | 42.5 | 78.6 | 84.3 | 88.6 | 92.5 | 93.5 | 95.6 | 96.8 | 96.9 | 97.9 | 98.3 | 98.4 | 98.9 | 99.1 | 99.3 | 99.5 |
| ≥ 0 | 42.5 | 78.6 | 84.3 | 88.6 | 92.5 | 93.5 | 95.6 | 96.8 | 96.9 | 97.9 | 98.3 | 98.4 | 98.9 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19234

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.9 | 46.6 | 50.5 | 53.1 | 54.9 | 55.3 | 55.9 | 56.2 | 56.3 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 20000 | 28.1 | 53.5 | 57.9 | 61.0 | 63.4 | 63.9 | 64.6 | 64.9 | 65.0 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 18000 | 28.2 | 53.6 | 58.1 | 61.2 | 63.6 | 64.1 | 64.8 | 65.1 | 65.2 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 16000 | 28.2 | 53.8 | 58.3 | 61.4 | 63.8 | 64.3 | 65.1 | 65.4 | 65.5 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 |
| ≥ 14000 | 28.5 | 54.7 | 59.3 | 62.5 | 64.9 | 65.5 | 66.2 | 66.5 | 66.6 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 |
| ≥ 12000 | 29.2 | 56.1 | 60.8 | 64.3 | 66.8 | 67.3 | 68.1 | 68.4 | 68.5 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 69.0 |
| ≥ 10000 | 30.1 | 58.6 | 63.5 | 67.2 | 69.9 | 70.5 | 71.3 | 71.6 | 71.7 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 |
| ≥ 9000 | 30.5 | 59.6 | 64.6 | 68.3 | 71.1 | 71.7 | 72.5 | 72.8 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 |
| ≥ 8000 | 31.2 | 61.5 | 66.7 | 70.6 | 73.5 | 74.1 | 74.9 | 75.3 | 75.4 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 |
| ≥ 7000 | 31.6 | 62.8 | 68.3 | 72.3 | 75.4 | 76.0 | 76.8 | 77.3 | 77.4 | 77.6 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.9 |
| ≥ 6000 | 31.8 | 63.- | 69.1 | 73.2 | 76.3 | 76.9 | 77.8 | 78.2 | 78.3 | 78.6 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 |
| ≥ 5000 | 32.4 | 65.2 | 71.0 | 75.2 | 78.4 | 79.0 | 79.9 | 80.4 | 80.5 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 81.0 | 81.0 |
| ≥ 4500 | 32.8 | 65.9 | 71.8 | 76.1 | 79.4 | 80.0 | 80.9 | 81.4 | 81.5 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.1 |
| ≥ 4000 | 33.3 | 67.2 | 73.3 | 77.8 | 81.1 | 81.8 | 82.8 | 83.3 | 83.4 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 3500 | 33.7 | 68.2 | 74.4 | 79.0 | 82.4 | 83.1 | 84.1 | 84.6 | 84.7 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 |
| ≥ 3000 | 34.1 | 69.6 | 76.0 | 80.6 | 84.2 | 84.9 | 86.0 | 86.5 | 86.6 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.2 |
| ≥ 2500 | 34.4 | 70.4 | 77.0 | 81.8 | 85.5 | 86.2 | 87.3 | 87.8 | 87.9 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 2000 | 34.7 | 71.3 | 78.0 | 83.0 | 86.8 | 87.5 | 88.6 | 89.3 | 89.4 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 |
| ≥ 1800 | 34.7 | 71.5 | 78.3 | 83.3 | 87.1 | 87.9 | 89.0 | 89.7 | 89.8 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 1500 | 34.9 | 72.1 | 79.0 | 84.1 | 88.1 | 88.8 | 90.0 | 90.6 | 90.7 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 1200 | 35.0 | 72.8 | 79.9 | 85.0 | 89.1 | 89.9 | 91.1 | 91.8 | 91.9 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 | 92.5 | 92.6 |
| ≥ 1000 | 35.1 | 73.4 | 80.6 | 85.9 | 90.2 | 91.0 | 92.4 | 93.1 | 93.2 | 93.6 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 94.0 |
| ≥ 900 | 35.1 | 73.7 | 81.0 | 86.4 | 90.8 | 91.6 | 93.0 | 93.8 | 93.9 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 |
| ≥ 800 | 35.1 | 74.0 | 81.3 | 86.9 | 91.4 | 92.3 | 93.7 | 94.5 | 94.6 | 95.0 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.4 |
| ≥ 700 | 35.1 | 74.3 | 81.7 | 87.4 | 91.9 | 92.9 | 94.4 | 95.2 | 95.3 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.2 |
| ≥ 600 | 35.1 | 74.5 | 82.0 | 87.8 | 92.4 | 93.4 | 95.0 | 95.9 | 96.1 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 |
| ≥ 500 | 35.2 | 74.7 | 82.2 | 88.1 | 92.9 | 94.0 | 95.8 | 96.7 | 96.9 | 97.4 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 |
| ≥ 400 | 35.2 | 74.7 | 82.3 | 88.3 | 93.2 | 94.3 | 96.2 | 97.2 | 97.4 | 97.9 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.5 |
| ≥ 300 | 35.2 | 74.8 | 82.4 | 88.4 | 93.4 | 94.5 | 96.5 | 97.6 | 97.8 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 |
| ≥ 200 | 35.2 | 74.8 | 82.4 | 88.5 | 93.4 | 94.6 | 96.6 | 97.7 | 97.9 | 98.6 | 98.9 | 99.0 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 100 | 35.2 | 74.8 | 82.4 | 88.5 | 93.5 | 94.6 | 96.6 | 97.7 | 98.0 | 98.7 | 99.0 | 99.1 | 99.4 | 99.4 | 99.6 | 99.8 |
| ≥ 0 | 35.2 | 74.8 | 82.4 | 88.5 | 93.5 | 94.6 | 96.6 | 97.7 | 98.0 | 98.7 | 99.0 | 99.1 | 99.4 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 18339

USAF ETAC FORM JUL 54 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 20.1 | 42.6 | 47.2 | 50.5 | 52.6 | 53.3 | 54.1 | 54.5 | 54.6 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 55.0 |
| ≥ 20000 | 22.4 | 49.5 | 55.1 | 59.0 | 61.5 | 62.3 | 63.2 | 63.6 | 63.7 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 18000 | 22.5 | 49.8 | 55.4 | 59.4 | 61.9 | 62.7 | 63.6 | 64.0 | 64.1 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.6 |
| ≥ 16000 | 22.6 | 50.1 | 55.8 | 59.8 | 62.3 | 63.1 | 64.0 | 64.4 | 64.5 | 64.7 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 65.0 |
| ≥ 14000 | 22.9 | 51.0 | 56.9 | 61.1 | 63.7 | 64.5 | 65.4 | 65.8 | 65.9 | 66.1 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 |
| ≥ 12000 | 23.7 | 53.1 | 59.4 | 63.7 | 66.5 | 67.3 | 68.3 | 68.8 | 68.8 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 |
| ≥ 10000 | 24.8 | 56.4 | 63.2 | 68.0 | 71.0 | 71.8 | 72.9 | 73.4 | 73.4 | 73.7 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 74.1 |
| ≥ 9000 | 25.2 | 57.5 | 64.6 | 69.4 | 72.5 | 73.3 | 74.4 | 74.9 | 75.0 | 75.2 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 |
| ≥ 8000 | 25.8 | 59.4 | 66.7 | 71.8 | 75.0 | 75.9 | 77.0 | 77.5 | 77.6 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.2 | 78.3 |
| ≥ 7000 | 26.2 | 60.5 | 68.1 | 73.4 | 76.7 | 77.6 | 78.7 | 79.2 | 79.3 | 79.6 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 |
| ≥ 6000 | 26.3 | 61.1 | 68.8 | 74.2 | 77.6 | 78.5 | 79.6 | 80.2 | 80.3 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 81.0 |
| ≥ 5000 | 26.6 | 62.2 | 70.1 | 75.7 | 79.3 | 80.2 | 81.3 | 81.9 | 82.0 | 82.4 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.8 |
| ≥ 4500 | 26.7 | 62.6 | 70.6 | 76.3 | 79.9 | 80.8 | 82.0 | 82.6 | 82.7 | 83.0 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.4 |
| ≥ 4000 | 27.0 | 63.7 | 71.9 | 77.8 | 81.5 | 82.5 | 83.7 | 84.3 | 84.4 | 84.7 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.2 |
| ≥ 3500 | 27.2 | 64.4 | 72.8 | 78.8 | 82.6 | 83.6 | 84.8 | 85.4 | 85.6 | 85.9 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.3 |
| ≥ 3000 | 27.7 | 65.8 | 74.5 | 80.7 | 84.6 | 85.6 | 87.0 | 87.6 | 87.7 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.6 |
| ≥ 2500 | 28.0 | 66.8 | 75.6 | 81.9 | 86.0 | 87.0 | 88.4 | 89.1 | 89.2 | 89.6 | 89.8 | 89.8 | 89.9 | 89.9 | 90.0 | 90.1 |
| ≥ 2000 | 28.2 | 67.5 | 76.5 | 83.1 | 87.4 | 88.4 | 89.9 | 90.6 | 90.8 | 91.2 | 91.4 | 91.4 | 91.5 | 91.5 | 91.6 | 91.7 |
| ≥ 1800 | 28.3 | 67.8 | 76.9 | 83.4 | 87.8 | 88.8 | 90.3 | 91.1 | 91.2 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.2 |
| ≥ 1500 | 28.3 | 68.3 | 77.6 | 84.3 | 88.8 | 89.9 | 91.5 | 92.2 | 92.3 | 92.9 | 93.0 | 93.1 | 93.2 | 93.2 | 93.2 | 93.4 |
| ≥ 1200 | 28.4 | 68.8 | 78.2 | 85.0 | 89.7 | 90.8 | 92.5 | 93.3 | 93.4 | 94.0 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.5 |
| ≥ 1000 | 28.5 | 69.2 | 78.7 | 85.8 | 90.6 | 91.7 | 93.5 | 94.4 | 94.6 | 95.1 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.7 |
| ≥ 900 | 28.5 | 69.4 | 78.9 | 86.0 | 90.9 | 92.1 | 93.9 | 94.9 | 95.0 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 |
| ≥ 800 | 28.5 | 69.6 | 79.2 | 86.4 | 91.5 | 92.7 | 94.5 | 95.5 | 95.7 | 96.2 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 |
| ≥ 700 | 28.6 | 69.8 | 79.5 | 86.8 | 91.9 | 93.1 | 95.1 | 96.0 | 96.2 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 600 | 28.6 | 69.9 | 79.7 | 87.0 | 92.3 | 93.5 | 95.5 | 96.5 | 96.7 | 97.3 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.9 |
| ≥ 500 | 28.6 | 70.0 | 79.8 | 87.2 | 92.6 | 93.9 | 95.9 | 96.9 | 97.1 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 |
| ≥ 400 | 28.6 | 70.0 | 79.8 | 87.3 | 92.7 | 94.0 | 96.1 | 97.2 | 97.4 | 98.1 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 |
| ≥ 300 | 28.6 | 70.0 | 79.9 | 87.3 | 92.8 | 94.1 | 96.3 | 97.5 | 97.7 | 98.4 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 |
| ≥ 200 | 28.6 | 70.0 | 79.9 | 87.3 | 92.8 | 94.2 | 96.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.0 | 99.2 | 99.2 | 99.3 | 99.5 |
| ≥ 100 | 28.6 | 70.0 | 79.9 | 87.3 | 92.8 | 94.2 | 96.4 | 97.6 | 97.8 | 98.6 | 99.0 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 |
| ≥ 0 | 28.6 | 70.0 | 79.9 | 87.3 | 92.8 | 94.2 | 96.4 | 97.6 | 97.8 | 98.6 | 99.0 | 99.1 | 99.3 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19175

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (MONTH)

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

ALL (HOURS E.S.T.)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.2 | 42.0 | 47.8 | 52.1 | 55.2 | 55.9 | 57.0 | 57.6 | 57.7 | 58.0 | 58.2 | 58.2 | 58.3 | 58.4 | 58.5 | 58.5 |
| ≥ 20000 | 18.8 | 47.7 | 53.9 | 58.6 | 62.1 | 62.9 | 64.2 | 64.8 | 64.9 | 65.3 | 65.4 | 65.4 | 65.6 | 65.6 | 65.7 | 65.8 |
| ≥ 18000 | 18.9 | 47.8 | 54.1 | 58.8 | 62.3 | 63.2 | 64.4 | 65.1 | 65.2 | 65.5 | 65.7 | 65.7 | 65.9 | 65.9 | 66.0 | 66.1 |
| ≥ 16000 | 19.0 | 48.0 | 54.3 | 59.1 | 62.6 | 63.5 | 64.7 | 65.4 | 65.5 | 65.8 | 66.0 | 66.0 | 66.2 | 66.2 | 66.3 | 66.4 |
| ≥ 14000 | 19.2 | 48.9 | 55.4 | 60.3 | 63.9 | 64.8 | 66.1 | 66.8 | 66.9 | 67.2 | 67.4 | 67.4 | 67.6 | 67.6 | 67.7 | 67.8 |
| ≥ 12000 | 19.8 | 50.7 | 57.5 | 62.6 | 66.5 | 67.4 | 68.8 | 69.5 | 69.6 | 69.9 | 70.1 | 70.1 | 70.3 | 70.3 | 70.4 | 70.5 |
| ≥ 10000 | 20.8 | 53.7 | 61.0 | 66.5 | 70.7 | 71.7 | 73.1 | 73.9 | 74.0 | 74.4 | 74.6 | 74.6 | 74.8 | 74.8 | 74.9 | 75.0 |
| ≥ 9000 | 21.1 | 54.7 | 62.1 | 67.8 | 72.1 | 73.1 | 74.6 | 75.3 | 75.4 | 75.8 | 76.0 | 76.1 | 76.2 | 76.2 | 76.4 | 76.5 |
| ≥ 8000 | 21.7 | 56.4 | 64.1 | 70.0 | 74.6 | 75.6 | 77.1 | 77.9 | 78.0 | 78.4 | 78.6 | 78.7 | 78.8 | 78.9 | 79.0 | 79.1 |
| ≥ 7000 | 22.0 | 57.4 | 65.3 | 71.4 | 76.1 | 77.2 | 78.8 | 79.6 | 79.7 | 80.1 | 80.3 | 80.4 | 80.5 | 80.6 | 80.7 | 80.8 |
| ≥ 6000 | 22.1 | 58.0 | 65.9 | 72.1 | 77.0 | 78.1 | 79.7 | 80.5 | 80.6 | 81.0 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.7 |
| ≥ 5000 | 22.5 | 58.9 | 66.9 | 73.3 | 78.3 | 79.4 | 81.2 | 82.0 | 82.1 | 82.6 | 82.8 | 82.8 | 83.0 | 83.0 | 83.2 | 83.3 |
| ≥ 4500 | 22.6 | 59.3 | 67.3 | 73.8 | 78.8 | 79.9 | 81.6 | 82.5 | 82.6 | 83.1 | 83.3 | 83.3 | 83.5 | 83.5 | 83.7 | 83.8 |
| ≥ 4000 | 22.9 | 60.2 | 68.5 | 75.1 | 80.3 | 81.5 | 83.3 | 84.2 | 84.3 | 84.8 | 85.0 | 85.0 | 85.2 | 85.3 | 85.4 | 85.5 |
| ≥ 3500 | 23.2 | 61.0 | 69.3 | 76.0 | 81.3 | 82.5 | 84.3 | 85.3 | 85.4 | 85.8 | 86.1 | 86.1 | 86.3 | 86.3 | 86.5 | 86.6 |
| ≥ 3000 | 23.5 | 62.0 | 70.5 | 77.4 | 82.8 | 84.0 | 85.9 | 86.9 | 87.0 | 87.5 | 87.8 | 87.8 | 88.0 | 88.0 | 88.1 | 88.3 |
| ≥ 2500 | 23.7 | 62.8 | 71.5 | 78.6 | 84.1 | 85.4 | 87.3 | 88.3 | 88.4 | 88.9 | 89.2 | 89.2 | 89.4 | 89.4 | 89.6 | 89.7 |
| ≥ 2000 | 23.9 | 63.9 | 72.8 | 80.1 | 85.8 | 87.1 | 89.1 | 90.1 | 90.3 | 90.8 | 91.0 | 91.1 | 91.3 | 91.3 | 91.4 | 91.6 |
| ≥ 1800 | 24.0 | 64.1 | 73.0 | 80.3 | 86.1 | 87.4 | 89.4 | 90.4 | 90.6 | 91.1 | 91.4 | 91.4 | 91.6 | 91.6 | 91.8 | 91.9 |
| ≥ 1500 | 24.1 | 64.7 | 73.7 | 81.2 | 87.1 | 88.5 | 90.6 | 91.7 | 91.8 | 92.4 | 92.6 | 92.6 | 92.9 | 92.9 | 93.0 | 93.2 |
| ≥ 1200 | 24.2 | 65.3 | 74.5 | 82.1 | 88.1 | 89.6 | 91.7 | 92.8 | 93.0 | 93.6 | 93.8 | 93.9 | 94.1 | 94.1 | 94.2 | 94.4 |
| ≥ 1000 | 24.2 | 65.7 | 75.0 | 82.8 | 89.0 | 90.5 | 92.7 | 93.9 | 94.0 | 94.7 | 95.0 | 95.0 | 95.2 | 95.2 | 95.4 | 95.5 |
| ≥ 900 | 24.2 | 65.9 | 75.3 | 83.2 | 89.4 | 90.9 | 93.1 | 94.4 | 94.5 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 95.9 | 96.0 |
| ≥ 800 | 24.3 | 66.1 | 75.6 | 83.6 | 89.9 | 91.5 | 93.8 | 95.1 | 95.3 | 96.0 | 96.3 | 96.3 | 96.6 | 96.6 | 96.7 | 96.9 |
| ≥ 700 | 24.3 | 66.3 | 75.8 | 83.9 | 90.4 | 92.0 | 94.4 | 95.8 | 96.0 | 96.7 | 97.0 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 |
| ≥ 600 | 24.3 | 66.4 | 76.1 | 84.2 | 90.8 | 92.5 | 95.0 | 96.4 | 96.6 | 97.3 | 97.6 | 97.7 | 97.9 | 97.9 | 98.1 | 98.2 |
| ≥ 500 | 24.3 | 66.5 | 76.2 | 84.4 | 91.1 | 92.8 | 95.4 | 96.8 | 97.0 | 97.8 | 98.2 | 98.2 | 98.5 | 98.5 | 98.7 | 98.8 |
| ≥ 400 | 24.3 | 66.5 | 76.2 | 84.5 | 91.2 | 92.9 | 95.5 | 97.0 | 97.2 | 98.1 | 98.5 | 98.5 | 98.7 | 98.8 | 98.9 | 99.1 |
| ≥ 300 | 24.3 | 66.5 | 76.2 | 84.5 | 91.2 | 92.9 | 95.6 | 97.1 | 97.4 | 98.2 | 98.6 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 |
| ≥ 200 | 24.3 | 66.5 | 76.2 | 84.5 | 91.3 | 93.0 | 95.6 | 97.2 | 97.4 | 98.3 | 98.8 | 98.8 | 99.1 | 99.1 | 99.4 | 99.6 |
| ≥ 100 | 24.3 | 66.5 | 76.2 | 84.5 | 91.3 | 93.0 | 95.6 | 97.2 | 97.5 | 98.4 | 98.8 | 98.9 | 99.2 | 99.3 | 99.5 | 99.8 |
| 0 | 24.3 | 66.5 | 76.2 | 84.5 | 91.3 | 93.0 | 95.7 | 97.2 | 97.5 | 98.4 | 98.8 | 98.9 | 99.2 | 99.3 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19271

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

ALL (HOURS (E.S.T.))

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.0 | 45.4 | 48.9 | 52.2 | 54.5 | 55.0 | 55.9 | 56.3 | 56.4 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 | 57.2 | 57.2 |
| ≥ 20000 | 23.3 | 50.2 | 54.0 | 57.5 | 60.1 | 60.7 | 61.7 | 62.2 | 62.3 | 62.7 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.2 |
| ≥ 18000 | 23.4 | 50.4 | 54.1 | 57.8 | 60.4 | 61.0 | 62.0 | 62.5 | 62.6 | 63.0 | 63.1 | 63.1 | 63.2 | 63.3 | 63.4 | 63.5 |
| ≥ 16000 | 23.4 | 50.6 | 54.4 | 58.0 | 60.7 | 61.3 | 62.3 | 62.8 | 62.9 | 63.3 | 63.4 | 63.5 | 63.6 | 63.6 | 63.7 | 63.8 |
| ≥ 14000 | 23.7 | 51.5 | 55.4 | 59.1 | 61.8 | 62.5 | 63.5 | 64.0 | 64.1 | 64.5 | 64.7 | 64.7 | 64.8 | 64.8 | 64.9 | 65.0 |
| ≥ 12000 | 24.3 | 53.3 | 57.5 | 61.5 | 64.4 | 65.0 | 66.1 | 66.7 | 66.8 | 67.2 | 67.3 | 67.3 | 67.5 | 67.5 | 67.6 | 67.7 |
| ≥ 10000 | 25.3 | 56.0 | 60.4 | 64.8 | 67.9 | 68.6 | 69.8 | 70.3 | 70.4 | 70.8 | 70.9 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 |
| ≥ 9000 | 25.6 | 56.6 | 61.2 | 65.6 | 68.8 | 69.5 | 70.6 | 71.2 | 71.3 | 71.7 | 71.8 | 71.9 | 72.0 | 72.0 | 72.1 | 72.2 |
| ≥ 8000 | 26.1 | 58.2 | 62.9 | 67.4 | 70.8 | 71.5 | 72.7 | 73.2 | 73.3 | 73.8 | 73.9 | 73.9 | 74.1 | 74.1 | 74.2 | 74.3 |
| ≥ 7000 | 26.5 | 59.4 | 64.1 | 68.8 | 72.3 | 73.1 | 74.4 | 74.9 | 75.0 | 75.5 | 75.6 | 75.7 | 75.8 | 75.8 | 75.9 | 76.0 |
| ≥ 6000 | 26.7 | 60.0 | 64.8 | 69.6 | 73.1 | 73.9 | 75.2 | 75.8 | 75.9 | 76.4 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 |
| ≥ 5000 | 27.0 | 61.2 | 66.1 | 71.0 | 74.7 | 75.6 | 76.9 | 77.5 | 77.6 | 78.1 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 |
| ≥ 4500 | 27.2 | 61.6 | 66.6 | 71.6 | 75.4 | 76.2 | 77.6 | 78.2 | 78.3 | 78.7 | 78.9 | 78.9 | 79.1 | 79.1 | 79.2 | 79.3 |
| ≥ 4000 | 27.6 | 62.7 | 67.9 | 73.0 | 76.8 | 77.7 | 79.1 | 79.7 | 79.8 | 80.3 | 80.5 | 80.5 | 80.6 | 80.7 | 80.8 | 80.9 |
| ≥ 3500 | 28.0 | 63.6 | 68.9 | 74.1 | 78.0 | 78.9 | 80.4 | 81.0 | 81.1 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.2 |
| ≥ 3000 | 28.5 | 65.1 | 70.5 | 76.0 | 80.0 | 81.0 | 82.5 | 83.2 | 83.3 | 83.7 | 83.9 | 83.9 | 84.1 | 84.1 | 84.2 | 84.3 |
| ≥ 2500 | 28.9 | 66.3 | 71.9 | 77.5 | 81.7 | 82.7 | 84.2 | 84.9 | 85.0 | 85.5 | 85.7 | 85.7 | 85.8 | 85.8 | 86.0 | 86.1 |
| ≥ 2000 | 29.2 | 67.4 | 73.1 | 79.0 | 83.3 | 84.3 | 86.0 | 86.7 | 86.8 | 87.3 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 87.9 |
| ≥ 1800 | 29.3 | 67.7 | 73.4 | 79.3 | 83.7 | 84.7 | 86.4 | 87.2 | 87.3 | 87.8 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.3 |
| ≥ 1500 | 29.5 | 68.3 | 74.2 | 80.2 | 84.8 | 85.9 | 87.7 | 88.4 | 88.6 | 89.1 | 89.3 | 89.3 | 89.5 | 89.5 | 89.6 | 89.7 |
| ≥ 1200 | 29.6 | 69.1 | 75.1 | 81.3 | 86.2 | 87.4 | 89.3 | 90.1 | 90.2 | 90.8 | 91.0 | 91.0 | 91.1 | 91.1 | 91.3 | 91.4 |
| ≥ 1000 | 29.7 | 69.6 | 75.8 | 82.1 | 87.4 | 88.7 | 90.8 | 91.7 | 91.9 | 92.6 | 92.8 | 92.9 | 93.0 | 93.0 | 93.1 | 93.2 |
| ≥ 900 | 29.7 | 69.7 | 76.0 | 82.5 | 87.9 | 89.2 | 91.5 | 92.4 | 92.5 | 93.3 | 93.5 | 93.5 | 93.7 | 93.7 | 93.8 | 93.9 |
| ≥ 800 | 29.7 | 70.0 | 76.3 | 82.9 | 88.5 | 89.9 | 92.3 | 93.3 | 93.4 | 94.2 | 94.4 | 94.5 | 94.7 | 94.7 | 94.8 | 94.9 |
| ≥ 700 | 29.7 | 70.2 | 76.7 | 83.4 | 89.1 | 90.6 | 93.1 | 94.1 | 94.3 | 95.2 | 95.4 | 95.5 | 95.6 | 95.6 | 95.8 | 95.9 |
| ≥ 600 | 29.7 | 70.3 | 76.9 | 83.6 | 89.5 | 91.0 | 93.6 | 94.7 | 94.9 | 95.9 | 96.1 | 96.2 | 96.4 | 96.4 | 96.5 | 96.6 |
| ≥ 500 | 29.7 | 70.4 | 77.0 | 83.8 | 89.9 | 91.4 | 94.2 | 95.4 | 95.6 | 96.7 | 97.1 | 97.1 | 97.4 | 97.4 | 97.5 | 97.6 |
| ≥ 400 | 29.7 | 70.4 | 77.1 | 84.0 | 90.1 | 91.6 | 94.5 | 95.8 | 96.0 | 97.2 | 97.7 | 97.7 | 98.0 | 98.0 | 98.1 | 98.3 |
| ≥ 300 | 29.7 | 70.4 | 77.2 | 84.0 | 90.2 | 91.8 | 94.7 | 96.1 | 96.4 | 97.7 | 98.2 | 98.3 | 98.6 | 98.6 | 98.8 | 98.9 |
| ≥ 200 | 29.7 | 70.5 | 77.2 | 84.0 | 90.2 | 91.8 | 94.9 | 96.3 | 96.6 | 98.0 | 98.6 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 |
| ≥ 100 | 29.7 | 70.5 | 77.2 | 84.0 | 90.2 | 91.8 | 94.9 | 96.3 | 96.6 | 98.1 | 98.6 | 98.8 | 99.2 | 99.3 | 99.5 | 99.7 |
| 0 | 29.7 | 70.5 | 77.2 | 84.0 | 90.2 | 91.8 | 94.9 | 96.3 | 96.6 | 98.1 | 98.6 | 98.8 | 99.2 | 99.3 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19170

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

ALL (HOURS G.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 | 26.2 | 48.7 | 51.7 | 54.0 | 56.1 | 56.6 | 57.4 | 57.8 | 57.9 | 58.3 | 58.4 | 58.5 | 58.7 | 58.8 | 59.0 | 59.4 |
| ≥ 20000 | 27.6 | 51.8 | 55.0 | 57.4 | 59.9 | 60.4 | 61.2 | 61.8 | 61.9 | 62.2 | 62.4 | 62.5 | 62.7 | 62.8 | 63.0 | 63.4 |
| ≥ 18000 | 27.7 | 52.0 | 55.3 | 57.8 | 60.1 | 60.6 | 61.5 | 62.0 | 62.1 | 62.5 | 62.7 | 62.7 | 63.0 | 63.0 | 63.2 | 63.7 |
| ≥ 16000 | 27.7 | 52.2 | 55.5 | 58.1 | 60.4 | 60.9 | 61.8 | 62.3 | 62.4 | 62.8 | 63.0 | 63.0 | 63.3 | 63.3 | 63.5 | 64.0 |
| ≥ 14000 | 27.9 | 52.8 | 56.1 | 58.8 | 61.2 | 61.6 | 62.6 | 63.1 | 63.2 | 63.6 | 63.8 | 63.8 | 64.1 | 64.1 | 64.3 | 64.8 |
| ≥ 12000 | 28.4 | 54.1 | 57.5 | 60.3 | 62.7 | 63.2 | 64.1 | 64.8 | 64.9 | 65.2 | 65.4 | 65.5 | 65.7 | 65.8 | 66.0 | 66.4 |
| ≥ 10000 | 29.4 | 56.4 | 60.0 | 62.9 | 65.6 | 66.0 | 67.0 | 67.7 | 67.8 | 68.2 | 68.4 | 68.4 | 68.7 | 68.7 | 68.9 | 69.4 |
| ≥ 9000 | 29.7 | 57.3 | 61.0 | 64.0 | 66.6 | 67.1 | 68.1 | 68.8 | 68.9 | 69.3 | 69.5 | 69.5 | 69.8 | 69.8 | 70.0 | 70.3 |
| ≥ 8000 | 30.4 | 59.3 | 63.1 | 66.3 | 69.0 | 69.5 | 70.6 | 71.3 | 71.4 | 71.8 | 72.0 | 72.0 | 72.3 | 72.3 | 72.6 | 73.0 |
| ≥ 7000 | 30.8 | 60.8 | 64.8 | 68.0 | 70.9 | 71.4 | 72.5 | 73.2 | 73.3 | 73.6 | 73.9 | 73.9 | 74.2 | 74.2 | 74.4 | 74.9 |
| ≥ 6000 | 31.2 | 61.8 | 66.0 | 69.3 | 72.2 | 72.7 | 73.8 | 74.5 | 74.6 | 75.0 | 75.2 | 75.2 | 75.5 | 75.6 | 75.8 | 76.2 |
| ≥ 5000 | 31.8 | 63.4 | 67.8 | 71.2 | 74.2 | 74.8 | 75.9 | 76.6 | 76.7 | 77.1 | 77.3 | 77.4 | 77.6 | 77.7 | 77.9 | 78.4 |
| ≥ 4500 | 32.3 | 64.6 | 69.0 | 72.5 | 75.5 | 76.1 | 77.3 | 78.0 | 78.1 | 78.5 | 78.7 | 78.7 | 79.0 | 79.1 | 79.3 | 79.8 |
| ≥ 4000 | 32.8 | 66.0 | 70.5 | 74.1 | 77.2 | 77.8 | 79.0 | 79.7 | 79.9 | 80.2 | 80.5 | 80.5 | 80.8 | 80.8 | 81.1 | 81.5 |
| ≥ 3500 | 33.2 | 67.2 | 71.9 | 75.7 | 78.9 | 79.5 | 80.7 | 81.5 | 81.6 | 82.0 | 82.2 | 82.2 | 82.5 | 82.6 | 82.8 | 83.3 |
| ≥ 3000 | 33.7 | 68.4 | 73.3 | 77.2 | 80.7 | 81.3 | 82.6 | 83.4 | 83.5 | 83.9 | 84.1 | 84.2 | 84.4 | 84.5 | 84.7 | 85.2 |
| ≥ 2500 | 34.1 | 69.4 | 74.5 | 78.6 | 82.1 | 82.8 | 84.2 | 84.9 | 85.1 | 85.5 | 85.7 | 85.7 | 86.0 | 86.1 | 86.3 | 86.8 |
| ≥ 2000 | 34.4 | 70.5 | 75.8 | 80.0 | 83.9 | 84.6 | 86.0 | 86.8 | 87.0 | 87.4 | 87.6 | 87.7 | 88.0 | 88.0 | 88.2 | 88.8 |
| ≥ 1800 | 34.5 | 70.8 | 76.1 | 80.4 | 84.3 | 85.0 | 86.4 | 87.3 | 87.4 | 87.8 | 88.1 | 88.1 | 88.4 | 88.5 | 88.7 | 89.2 |
| ≥ 1500 | 34.6 | 71.2 | 76.7 | 81.2 | 85.3 | 86.0 | 87.5 | 88.4 | 88.6 | 89.0 | 89.3 | 89.3 | 89.6 | 89.7 | 89.9 | 90.4 |
| ≥ 1200 | 34.7 | 71.7 | 77.4 | 82.1 | 86.3 | 87.1 | 88.7 | 89.7 | 89.9 | 90.4 | 90.6 | 90.6 | 91.0 | 91.0 | 91.3 | 91.7 |
| ≥ 1000 | 34.8 | 72.1 | 78.0 | 82.7 | 87.2 | 88.1 | 89.9 | 91.0 | 91.1 | 91.6 | 91.9 | 91.9 | 92.2 | 92.3 | 92.5 | 93.0 |
| ≥ 900 | 34.8 | 72.3 | 78.3 | 83.1 | 87.6 | 88.6 | 90.4 | 91.5 | 91.7 | 92.2 | 92.4 | 92.5 | 92.8 | 92.9 | 93.1 | 93.6 |
| ≥ 800 | 34.8 | 72.5 | 78.5 | 83.4 | 88.2 | 89.2 | 91.1 | 92.4 | 92.6 | 93.1 | 93.4 | 93.5 | 93.8 | 93.9 | 94.2 | 94.6 |
| ≥ 700 | 34.8 | 72.6 | 78.7 | 83.7 | 88.5 | 89.7 | 91.6 | 92.9 | 93.1 | 93.8 | 94.1 | 94.1 | 94.5 | 94.5 | 94.8 | 95.3 |
| ≥ 600 | 34.8 | 72.7 | 78.8 | 83.9 | 88.9 | 90.1 | 92.2 | 93.6 | 93.8 | 94.5 | 94.8 | 94.8 | 95.2 | 95.3 | 95.6 | 96.1 |
| ≥ 500 | 34.8 | 72.8 | 79.0 | 84.2 | 89.4 | 90.6 | 92.9 | 94.3 | 94.5 | 95.3 | 95.6 | 95.7 | 96.2 | 96.2 | 96.5 | 97.0 |
| ≥ 400 | 34.8 | 72.8 | 79.1 | 84.3 | 89.6 | 90.9 | 93.2 | 94.8 | 95.1 | 95.9 | 96.2 | 96.3 | 96.8 | 96.9 | 97.2 | 97.7 |
| ≥ 300 | 34.8 | 72.8 | 79.1 | 84.4 | 89.7 | 91.1 | 93.5 | 95.2 | 95.6 | 96.5 | 96.9 | 97.0 | 97.5 | 97.6 | 97.9 | 98.4 |
| ≥ 200 | 34.8 | 72.8 | 79.1 | 84.4 | 89.8 | 91.2 | 93.6 | 95.4 | 95.8 | 96.8 | 97.2 | 97.3 | 97.8 | 98.0 | 98.3 | 98.8 |
| ≥ 100 | 34.8 | 72.8 | 79.1 | 84.4 | 89.8 | 91.2 | 93.6 | 95.4 | 95.8 | 96.8 | 97.3 | 97.4 | 98.0 | 98.2 | 98.7 | 99.5 |
| ≥ 0 | 34.8 | 72.8 | 79.1 | 84.4 | 89.8 | 91.2 | 93.6 | 95.4 | 95.8 | 96.8 | 97.3 | 97.5 | 98.1 | 98.2 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19238

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

ALL (HOURS (EST))

## 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 | 23.7 | 44.2 | 46.7 | 48.2 | 50.4 | 50.9 | 51.8 | 52.2 | 52.4 | 52.7 | 52.8 | 52.8 | 53.0 | 53.0 | 53.2 | 53.5 |
| ≥ 20000 | 26.0 | 49.5 | 52.3 | 53.9 | 56.2 | 56.8 | 57.8 | 58.2 | 58.4 | 58.7 | 58.8 | 58.8 | 59.0 | 59.1 | 59.2 | 59.5 |
| ≥ 18000 | 26.0 | 49.7 | 52.6 | 54.2 | 56.5 | 57.0 | 58.1 | 58.5 | 58.6 | 59.0 | 59.1 | 59.1 | 59.3 | 59.3 | 59.4 | 59.8 |
| ≥ 16000 | 26.1 | 50.0 | 52.9 | 54.5 | 56.9 | 57.4 | 58.4 | 58.8 | 59.0 | 59.3 | 59.4 | 59.5 | 59.6 | 59.7 | 59.8 | 60.2 |
| ≥ 14000 | 26.5 | 51.0 | 54.0 | 55.6 | 58.0 | 58.5 | 59.5 | 59.9 | 60.1 | 60.5 | 60.6 | 60.6 | 60.8 | 60.8 | 61.0 | 61.3 |
| ≥ 12000 | 27.3 | 52.8 | 55.8 | 57.5 | 59.9 | 60.5 | 61.6 | 62.0 | 62.2 | 62.6 | 62.7 | 62.7 | 62.9 | 63.0 | 63.1 | 63.4 |
| ≥ 10000 | 28.3 | 55.3 | 58.5 | 60.4 | 62.9 | 63.6 | 64.7 | 65.2 | 65.3 | 65.7 | 65.8 | 65.9 | 66.1 | 66.1 | 66.3 | 66.6 |
| ≥ 9000 | 28.8 | 56.6 | 59.9 | 61.8 | 64.4 | 65.0 | 66.2 | 66.6 | 66.8 | 67.2 | 67.3 | 67.4 | 67.6 | 67.6 | 67.8 | 68.1 |
| ≥ 8000 | 29.5 | 58.6 | 62.0 | 64.0 | 66.7 | 67.4 | 68.6 | 69.1 | 69.3 | 69.7 | 69.8 | 69.9 | 70.1 | 70.1 | 70.2 | 70.6 |
| ≥ 7000 | 30.3 | 60.7 | 64.2 | 66.4 | 69.2 | 69.9 | 71.1 | 71.6 | 71.9 | 72.2 | 72.4 | 72.4 | 72.7 | 72.7 | 72.8 | 73.2 |
| ≥ 6000 | 30.8 | 62.1 | 65.8 | 68.0 | 70.9 | 71.6 | 72.9 | 73.4 | 73.6 | 74.0 | 74.2 | 74.2 | 74.5 | 74.5 | 74.7 | 75.0 |
| ≥ 5000 | 31.6 | 64.6 | 68.5 | 70.8 | 73.8 | 74.6 | 75.9 | 76.4 | 76.7 | 77.1 | 77.3 | 77.3 | 77.6 | 77.6 | 77.7 | 78.1 |
| ≥ 4500 | 31.9 | 65.5 | 69.5 | 71.9 | 74.9 | 75.7 | 77.1 | 77.6 | 77.8 | 78.2 | 78.4 | 78.4 | 78.7 | 78.7 | 78.9 | 79.3 |
| ≥ 4000 | 32.5 | 67.5 | 71.7 | 74.3 | 77.4 | 78.3 | 79.7 | 80.3 | 80.5 | 80.9 | 81.1 | 81.1 | 81.4 | 81.4 | 81.6 | 82.0 |
| ≥ 3500 | 33.0 | 68.8 | 73.2 | 75.9 | 79.2 | 80.1 | 81.5 | 82.1 | 82.4 | 82.8 | 83.0 | 83.0 | 83.3 | 83.3 | 83.4 | 83.8 |
| ≥ 3000 | 33.4 | 70.2 | 74.8 | 77.7 | 81.0 | 81.9 | 83.4 | 84.0 | 84.3 | 84.7 | 84.9 | 84.9 | 85.2 | 85.2 | 85.4 | 85.8 |
| ≥ 2500 | 33.7 | 71.1 | 75.8 | 78.8 | 82.3 | 83.2 | 84.7 | 85.3 | 85.6 | 86.1 | 86.2 | 86.3 | 86.5 | 86.5 | 86.7 | 87.1 |
| ≥ 2000 | 33.9 | 72.0 | 76.9 | 80.0 | 83.7 | 84.6 | 86.2 | 86.8 | 87.1 | 87.6 | 87.8 | 87.8 | 88.1 | 88.2 | 88.3 | 88.7 |
| ≥ 1800 | 34.0 | 72.1 | 77.1 | 80.2 | 83.9 | 84.8 | 86.5 | 87.1 | 87.4 | 87.9 | 88.1 | 88.1 | 88.4 | 88.5 | 88.6 | 89.0 |
| ≥ 1500 | 34.1 | 72.6 | 77.8 | 81.1 | 85.0 | 86.0 | 87.7 | 88.3 | 88.6 | 89.1 | 89.3 | 89.4 | 89.7 | 89.7 | 89.8 | 90.3 |
| ≥ 1200 | 34.1 | 73.1 | 78.4 | 81.8 | 85.9 | 87.0 | 88.7 | 89.4 | 89.7 | 90.2 | 90.4 | 90.5 | 90.8 | 90.8 | 91.0 | 91.4 |
| ≥ 1000 | 34.2 | 73.4 | 78.9 | 82.4 | 86.8 | 87.9 | 89.7 | 90.5 | 90.8 | 91.4 | 91.6 | 91.7 | 92.0 | 92.1 | 92.2 | 92.6 |
| ≥ 900 | 34.2 | 73.5 | 79.1 | 82.7 | 87.2 | 88.3 | 90.2 | 91.0 | 91.4 | 91.9 | 92.2 | 92.3 | 92.6 | 92.6 | 92.6 | 93.2 |
| ≥ 800 | 34.2 | 73.7 | 79.3 | 83.0 | 87.6 | 88.8 | 90.7 | 91.6 | 92.0 | 92.6 | 92.9 | 93.0 | 93.3 | 93.3 | 93.5 | 93.9 |
| ≥ 700 | 34.2 | 73.8 | 79.5 | 83.3 | 88.0 | 89.3 | 91.4 | 92.3 | 92.7 | 93.4 | 93.7 | 93.8 | 94.1 | 94.2 | 94.3 | 94.7 |
| ≥ 600 | 34.2 | 74.0 | 79.7 | 83.6 | 88.5 | 89.8 | 92.1 | 93.0 | 93.4 | 94.3 | 94.6 | 94.6 | 95.0 | 95.1 | 95.2 | 95.6 |
| ≥ 500 | 34.2 | 74.1 | 79.9 | 83.9 | 88.9 | 90.2 | 92.6 | 93.7 | 94.2 | 95.1 | 95.5 | 95.5 | 96.0 | 96.0 | 96.2 | 96.7 |
| ≥ 400 | 34.2 | 74.1 | 80.0 | 84.0 | 89.1 | 90.5 | 93.1 | 94.3 | 94.7 | 95.8 | 96.2 | 96.3 | 96.7 | 96.8 | 97.0 | 97.4 |
| ≥ 300 | 34.2 | 74.2 | 80.0 | 84.1 | 89.3 | 90.7 | 93.4 | 94.8 | 95.3 | 96.[illegible] | 96.8 | 97.0 | 97.4 | 97.5 | 97.8 | 98.2 |
| ≥ 200 | 34.2 | 74.2 | 80.0 | 84.1 | 89.4 | 90.8 | 93.6 | 95.0 | 95.5 | 96.7 | 97.2 | 97.3 | 97.9 | 98.1 | 98.4 | 98.9 |
| ≥ 100 | 34.2 | 74.2 | 80.0 | 84.1 | 89.4 | 90.8 | 93.6 | 95.0 | 95.5 | 96.7 | 97.2 | 97.4 | 98.0 | 98.2 | 98.6 | 99.3 |
| ≥ 0 | 34.2 | 74.2 | 80.0 | 84.1 | 89.4 | 90.8 | 93.6 | 95.0 | 95.5 | 96.7 | 97.2 | 97.4 | 98.0 | 98.2 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 18640

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

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

ALL HOURS LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.3 | 42.2 | 44.4 | 45.7 | 47.8 | 48.1 | 48.6 | 48.9 | 48.9 | 49.0 | 49.1 | 49.1 | 49.2 | 49.2 | 49.3 | 49.5 |
| ≥ 20000 | 24.0 | 45.9 | 48.4 | 50.0 | 52.3 | 52.7 | 53.2 | 53.6 | 53.6 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 54.0 | 54.2 |
| ≥ 18000 | 24.1 | 46.1 | 48.7 | 50.3 | 52.6 | 53.0 | 53.5 | 53.8 | 53.9 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.5 |
| ≥ 16000 | 24.1 | 46.4 | 48.9 | 50.6 | 52.9 | 53.3 | 53.8 | 54.2 | 54.2 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.9 |
| ≥ 14000 | 24.4 | 47.4 | 50.1 | 51.8 | 54.2 | 54.5 | 55.1 | 55.5 | 55.5 | 55.7 | 55.8 | 55.8 | 55.9 | 55.9 | 56.0 | 56.2 |
| ≥ 12000 | 25.2 | 49.3 | 52.1 | 54.0 | 56.5 | 56.8 | 57.5 | 57.8 | 57.8 | 58.0 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.5 |
| ≥ 10000 | 26.2 | 51.9 | 55.0 | 57.1 | 59.7 | 60.1 | 60.8 | 61.1 | 61.1 | 61.4 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.9 |
| ≥ 9000 | 26.7 | 53.3 | 56.5 | 58.7 | 61.3 | 61.7 | 62.4 | 62.8 | 62.8 | 63.1 | 63.1 | 63.1 | 63.3 | 63.3 | 63.3 | 63.6 |
| ≥ 8000 | 27.4 | 55.4 | 58.8 | 61.2 | 64.1 | 64.5 | 65.3 | 65.7 | 65.7 | 65.9 | 66.0 | 66.0 | 66.1 | 66.2 | 66.2 | 66.5 |
| ≥ 7000 | 27.9 | 57.1 | 60.9 | 63.4 | 66.6 | 67.1 | 68.0 | 68.4 | 68.5 | 68.7 | 68.8 | 68.8 | 69.0 | 69.0 | 69.1 | 69.3 |
| ≥ 6000 | 28.4 | 58.4 | 62.3 | 64.9 | 68.3 | 68.9 | 69.8 | 70.3 | 70.3 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.9 | 71.2 |
| ≥ 5000 | 28.9 | 60.4 | 64.6 | 67.5 | 71.2 | 71.8 | 72.9 | 73.4 | 73.5 | 73.7 | 73.9 | 73.9 | 74.0 | 74.0 | 74.1 | 74.4 |
| ≥ 4500 | 29.0 | 61.2 | 65.4 | 68.4 | 72.3 | 72.9 | 74.0 | 74.6 | 74.7 | 74.9 | 75.1 | 75.1 | 75.2 | 75.2 | 75.3 | 75.6 |
| ≥ 4000 | 29.4 | 62.9 | 67.4 | 70.6 | 74.6 | 75.2 | 76.5 | 77.1 | 77.2 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.8 | 78.1 |
| ≥ 3500 | 29.8 | 64.1 | 68.8 | 72.1 | 76.3 | 77.0 | 78.3 | 78.9 | 79.0 | 79.3 | 79.5 | 79.5 | 79.7 | 79.7 | 79.8 | 80.0 |
| ≥ 3000 | 30.0 | 65.1 | 70.0 | 73.4 | 77.6 | 78.5 | 79.9 | 80.7 | 80.8 | 81.2 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 81.9 |
| ≥ 2500 | 30.1 | 65.7 | 70.7 | 74.4 | 78.9 | 79.7 | 81.2 | 82.0 | 82.1 | 82.4 | 82.6 | 82.7 | 82.8 | 82.8 | 82.9 | 83.2 |
| ≥ 2000 | 30.3 | 66.6 | 71.8 | 75.7 | 80.4 | 81.3 | 82.9 | 83.7 | 83.9 | 84.3 | 84.5 | 84.5 | 84.7 | 84.7 | 84.8 | 85.1 |
| ≥ 1800 | 30.3 | 66.7 | 71.9 | 75.8 | 80.6 | 81.5 | 83.2 | 84.0 | 84.2 | 84.6 | 84.8 | 84.8 | 85.0 | 85.0 | 85.1 | 85.4 |
| ≥ 1500 | 30.3 | 67.1 | 72.4 | 76.4 | 81.4 | 82.4 | 84.2 | 85.1 | 85.3 | 85.7 | 86.0 | 86.0 | 86.2 | 86.2 | 86.3 | 86.6 |
| ≥ 1200 | 30.4 | 67.5 | 73.0 | 77.2 | 82.2 | 83.2 | 85.1 | 86.0 | 86.2 | 86.7 | 87.0 | 87.0 | 87.2 | 87.2 | 87.3 | 87.6 |
| ≥ 1000 | 30.4 | 67.9 | 73.5 | 77.8 | 83.1 | 84.2 | 86.1 | 87.2 | 87.5 | 88.1 | 88.4 | 88.4 | 88.6 | 88.6 | 88.7 | 89.0 |
| ≥ 900 | 30.4 | 68.0 | 73.6 | 78.0 | 83.4 | 84.5 | 86.5 | 87.7 | 88.0 | 88.6 | 88.9 | 89.0 | 89.2 | 89.2 | 89.3 | 89.6 |
| ≥ 800 | 30.4 | 68.1 | 73.8 | 78.3 | 83.8 | 85.0 | 87.0 | 88.3 | 88.6 | 89.4 | 89.7 | 89.8 | 90.0 | 90.1 | 90.2 | 90.4 |
| ≥ 700 | 30.5 | 68.3 | 74.1 | 78.6 | 84.3 | 85.5 | 87.7 | 89.0 | 89.3 | 90.2 | 90.5 | 90.6 | 90.9 | 90.9 | 91.0 | 91.3 |
| ≥ 600 | 30.5 | 68.4 | 74.4 | 79.1 | 84.9 | 86.2 | 88.6 | 90.0 | 90.4 | 91.3 | 91.7 | 91.8 | 92.1 | 92.1 | 92.2 | 92.5 |
| ≥ 500 | 30.5 | 68.6 | 74.6 | 79.4 | 85.5 | 87.0 | 89.5 | 91.2 | 91.5 | 92.6 | 93.1 | 93.2 | 93.5 | 93.6 | 93.8 | 94.0 |
| ≥ 400 | 30.5 | 68.6 | 74.7 | 79.6 | 85.9 | 87.4 | 90.2 | 92.1 | 92.5 | 93.7 | 94.2 | 94.3 | 94.8 | 94.8 | 95.0 | 95.3 |
| ≥ 300 | 30.5 | 68.6 | 74.7 | 79.6 | 86.1 | 87.8 | 90.7 | 92.8 | 93.3 | 94.6 | 95.3 | 95.5 | 96.0 | 96.1 | 96.4 | 96.7 |
| ≥ 200 | 30.5 | 68.6 | 74.7 | 79.8 | 86.2 | 87.9 | 90.9 | 93.1 | 93.8 | 95.3 | 96.1 | 96.3 | 97.0 | 97.2 | 97.5 | 97.9 |
| ≥ 100 | 30.5 | 68.6 | 74.7 | 79.8 | 86.2 | 87.9 | 90.9 | 93.2 | 93.9 | 95.4 | 96.4 | 96.7 | 97.5 | 97.7 | 98.3 | 99.0 |
| 0 | 30.5 | 68.6 | 74.7 | 79.8 | 86.2 | 87.9 | 90.9 | 93.2 | 93.9 | 95.4 | 96.4 | 96.7 | 97.6 | 97.8 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19957

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 24.4 | 45.7 | 47.6 | 49.0 | 51.3 | 51.4 | 52.0 | 52.0 | 52.1 | 52.1 | 52.2 | 52.2 | 52.3 | 52.3 | 52.4 | 52.5 |
| ≥ 20000 | 25.4 | 48.6 | 50.8 | 52.2 | 54.6 | 54.7 | 55.3 | 55.4 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.7 | 55.8 | 55.9 |
| ≥ 18000 | 25.6 | 49.2 | 51.3 | 52.8 | 55.2 | 55.3 | 55.9 | 56.0 | 56.0 | 56.1 | 56.2 | 56.2 | 56.3 | 56.3 | 56.4 | 56.5 |
| ≥ 16000 | 25.8 | 49.8 | 52.0 | 53.4 | 55.8 | 55.9 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.1 |
| ≥ 14000 | 26.4 | 51.1 | 53.3 | 54.7 | 57.1 | 57.2 | 57.8 | 57.9 | 58.0 | 58.0 | 58.1 | 58.1 | 58.2 | 58.2 | 58.3 | 58.4 |
| ≥ 12000 | 26.9 | 52.3 | 54.6 | 56.0 | 58.6 | 58.7 | 59.3 | 59.4 | 59.5 | 59.5 | 59.6 | 59.6 | 59.7 | 59.7 | 59.8 | 59.9 |
| ≥ 10000 | 27.7 | 54.3 | 56.8 | 58.3 | 61.2 | 61.3 | 62.0 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.5 | 62.6 |
| ≥ 9000 | 28.0 | 54.8 | 57.2 | 58.9 | 61.9 | 62.0 | 62.7 | 62.8 | 62.8 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.3 | 63.4 |
| ≥ 8000 | 28.7 | 56.5 | 59.3 | 61.1 | 64.3 | 64.4 | 65.1 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.6 | 65.6 | 65.8 | 65.9 |
| ≥ 7000 | 29.2 | 57.7 | 60.6 | 62.7 | 66.1 | 66.2 | 66.9 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 | 67.4 | 67.4 | 67.6 | 67.7 |
| ≥ 6000 | 29.5 | 59.1 | 62.5 | 64.6 | 68.1 | 68.3 | 69.0 | 69.1 | 69.1 | 69.2 | 69.3 | 69.3 | 69.4 | 69.5 | 69.7 | 69.8 |
| ≥ 5000 | 30.2 | 60.7 | 64.3 | 66.8 | 71.0 | 71.1 | 71.9 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.4 | 72.5 | 72.7 | 72.8 |
| ≥ 4500 | 30.7 | 61.8 | 65.4 | 67.9 | 72.2 | 72.4 | 73.1 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.7 | 73.8 | 74.0 | 74.1 |
| ≥ 4000 | 31.2 | 63.0 | 67.1 | 69.9 | 74.3 | 74.4 | 75.2 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 76.2 | 76.3 |
| ≥ 3500 | 31.7 | 64.3 | 68.6 | 71.6 | 76.1 | 76.3 | 77.4 | 77.6 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.4 | 78.5 |
| ≥ 3000 | 32.1 | 65.7 | 70.4 | 73.8 | 78.6 | 78.8 | 79.9 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.6 | 80.7 | 80.9 | 81.1 |
| ≥ 2500 | 32.2 | 66.6 | 71.6 | 75.1 | 80.1 | 80.3 | 81.6 | 81.9 | 82.0 | 82.3 | 82.4 | 82.4 | 82.5 | 82.6 | 82.9 | 83.0 |
| ≥ 2000 | 32.4 | 67.6 | 72.6 | 76.3 | 81.5 | 81.8 | 83.4 | 83.8 | 83.9 | 84.2 | 84.3 | 84.3 | 84.4 | 84.5 | 84.8 | 84.9 |
| ≥ 1800 | 32.4 | 67.6 | 72.6 | 76.4 | 81.7 | 82.0 | 83.6 | 84.0 | 84.1 | 84.4 | 84.5 | 84.5 | 84.7 | 84.7 | 85.0 | 85.2 |
| ≥ 1500 | 32.4 | 67.8 | 72.9 | 76.8 | 82.2 | 82.6 | 84.2 | 84.7 | 84.8 | 85.3 | 85.4 | 85.4 | 85.5 | 85.6 | 85.9 | 86.0 |
| ≥ 1200 | 32.7 | 68.9 | 74.0 | 78.1 | 83.5 | 84.1 | 85.7 | 86.2 | 86.4 | 86.9 | 87.0 | 87.0 | 87.2 | 87.3 | 87.5 | 87.7 |
| ≥ 1000 | 32.7 | 69.2 | 74.3 | 78.4 | 84.1 | 84.6 | 86.4 | 87.1 | 87.3 | 87.9 | 88.1 | 88.1 | 88.4 | 88.4 | 88.7 | 88.9 |
| ≥ 900 | 32.7 | 69.3 | 74.5 | 78.9 | 84.7 | 85.1 | 87.2 | 87.9 | 88.2 | 88.9 | 89.2 | 89.2 | 89.4 | 89.5 | 89.7 | 89.9 |
| ≥ 800 | 32.7 | 69.6 | 74.7 | 79.1 | 85.2 | 85.7 | 87.8 | 88.7 | 88.9 | 89.8 | 90.0 | 90.0 | 90.3 | 90.4 | 90.6 | 90.8 |
| ≥ 700 | 32.8 | 69.8 | 74.9 | 79.4 | 85.5 | 86.0 | 88.2 | 89.2 | 89.5 | 90.3 | 90.6 | 90.6 | 90.9 | 91.0 | 91.2 | 91.4 |
| ≥ 600 | 32.8 | 69.9 | 75.1 | 79.7 | 86.2 | 86.7 | 88.9 | 90.0 | 90.3 | 91.2 | 91.5 | 91.5 | 91.9 | 92.0 | 92.2 | 92.4 |
| ≥ 500 | 32.8 | 69.9 | 75.1 | 79.8 | 86.3 | 86.9 | 89.3 | 90.5 | 90.8 | 92.0 | 92.3 | 92.4 | 93.0 | 93.1 | 93.3 | 93.5 |
| ≥ 400 | 32.8 | 69.9 | 75.2 | 79.9 | 86.6 | 87.4 | 90.0 | 91.5 | 91.7 | 93.1 | 93.4 | 93.5 | 94.2 | 94.3 | 94.6 | 94.8 |
| ≥ 300 | 32.8 | 69.9 | 75.2 | 79.9 | 86.6 | 87.4 | 90.0 | 91.5 | 91.8 | 93.4 | 93.7 | 93.8 | 94.8 | 95.0 | 95.2 | 95.5 |
| ≥ 200 | 32.8 | 69.9 | 75.2 | 79.9 | 86.7 | 87.4 | 90.3 | 91.9 | 92.3 | 94.2 | 94.7 | 94.9 | 96.0 | 96.3 | 96.7 | 97.0 |
| ≥ 100 | 32.8 | 69.9 | 75.2 | 79.9 | 86.7 | 87.4 | 90.3 | 91.9 | 92.4 | 94.4 | 95.0 | 95.3 | 96.7 | 97.1 | 98.0 | 98.7 |
| ≥ 0 | 32.8 | 69.9 | 75.2 | 79.9 | 86.7 | 87.4 | 90.3 | 91.9 | 92.4 | 94.4 | 95.0 | 95.4 | 96.7 | 97.2 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2398

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,31-72 (YEARS) JAN (MONTH)

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

0300-0500 (HOUR 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 | 24.3 | 45.0 | 47.0 | 48.7 | 50.7 | 50.8 | 51.5 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 | 52.0 | 52.1 |
| ≥ 20000 | 25.5 | 47.9 | 50.1 | 52.1 | 54.2 | 54.3 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.5 | 55.7 |
| ≥ 18000 | [illegible] | 48.1 | 50.3 | 52.3 | 54.4 | 54.5 | 55.2 | [illegible] | 55.3 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.7 | 55.9 |
| ≥ 16000 | [illegible] | 48.5 | 50.8 | 52.7 | 54.8 | 55.0 | 55.6 | 55.7 | 55.8 | 55.8 | 55.8 | 55.9 | 56.0 | 56.0 | 56.2 | 56.3 |
| ≥ 14000 | [illegible] | 49.5 | 51.9 | 53.8 | 56.0 | 56.1 | 56.7 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.2 | 57.2 | 57.3 | 57.5 |
| ≥ 12000 | 26.5 | 50.9 | 53.3 | 55.4 | 57.7 | 58.0 | 58.6 | 58.7 | 58.8 | 59.0 | 59.0 | 59.0 | 59.2 | 59.2 | 59.3 | 59.5 |
| ≥ 10000 | 27.3 | 52.9 | 55.4 | 57.5 | 60.2 | 60.4 | 61.2 | 61.4 | 61.4 | 61.6 | 61.6 | 61.7 | 61.8 | 61.8 | 62.0 | 62.1 |
| ≥ 9000 | 27.7 | 53.7 | 56.2 | 58.4 | 61.1 | 61.3 | 62.1 | 62.2 | 62.3 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.9 | 63.1 |
| ≥ 8000 | 28.4 | 55.5 | 58.4 | 60.8 | 63.8 | 64.0 | 64.9 | 65.0 | 65.0 | 65.2 | 65.2 | 65.3 | 65.5 | 65.5 | 65.7 | 65.9 |
| ≥ 7000 | 29.4 | 57.1 | 60.2 | 62.9 | 66.0 | 66.4 | 67.2 | 67.3 | 67.4 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 68.0 | 68.2 |
| ≥ 6000 | 29.6 | 57.9 | 61.3 | 64.0 | 67.3 | 67.7 | 68.5 | 68.6 | 68.7 | 68.9 | 68.9 | 68.9 | 69.1 | 69.1 | 69.3 | 69.6 |
| ≥ 5000 | 30.3 | 59.5 | 63.3 | 66.4 | 70.2 | 70.6 | 71.5 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.2 | 72.2 | 72.4 | 72.7 |
| ≥ 4500 | 30.8 | 60.4 | 64.3 | 67.7 | 71.6 | 72.0 | 73.0 | 73.2 | 73.2 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 73.9 | 74.2 |
| ≥ 4000 | 31.2 | 61.7 | 66.1 | 69.7 | 73.9 | 74.3 | 75.4 | 75.7 | 75.8 | 76.0 | 76.0 | 76.1 | 76.3 | 76.3 | 76.5 | 76.8 |
| ≥ 3500 | 31.4 | 62.9 | 67.6 | 71.2 | 75.6 | 76.0 | 77.2 | 77.6 | 77.6 | 77.9 | 77.9 | 77.9 | 78.1 | 78.1 | 78.3 | 78.6 |
| ≥ 3000 | 31.7 | 63.9 | 68.9 | 72.9 | 77.5 | 77.9 | 79.3 | 79.7 | 79.8 | 80.1 | 80.1 | 80.1 | 80.3 | 80.3 | 80.6 | 80.9 |
| ≥ 2500 | 31.9 | 64.7 | 69.8 | 73.9 | 78.7 | 79.3 | 80.6 | 81.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.8 | 81.9 | 82.1 | 82.4 |
| ≥ 2000 | 32.1 | 65.5 | 70.9 | 75.4 | 80.6 | 81.1 | 82.6 | 83.2 | 83.3 | 83.6 | 83.6 | 83.8 | 84.0 | 84.0 | 84.2 | 84.6 |
| ≥ 1800 | 32.1 | 65.7 | 71.0 | 75.5 | 80.8 | 81.4 | 82.9 | 83.6 | 83.6 | 84.0 | 84.0 | 84.1 | 84.3 | 84.4 | 84.6 | 85.0 |
| ≥ 1500 | 32.1 | 66.0 | 71.5 | 76.1 | 81.6 | 82.2 | 83.9 | 84.6 | 84.7 | 85.1 | 85.1 | 85.2 | 85.4 | 85.5 | 85.7 | 86.1 |
| ≥ 1200 | 32.2 | 66.6 | 72.2 | 76.9 | 82.6 | 83.2 | 84.9 | 85.8 | 85.9 | 86.3 | 86.4 | 86.5 | 86.7 | 86.8 | 87.0 | 87.3 |
| ≥ 1000 | 32.2 | 66.7 | 72.4 | 77.4 | 83.1 | 83.7 | 85.5 | 86.4 | 86.5 | 87.0 | 87.1 | 87.3 | 87.6 | 87.6 | 87.8 | 88.2 |
| ≥ 900 | 32.2 | 66.9 | 72.7 | 77.7 | 83.5 | 84.1 | 86.1 | 87.1 | 87.3 | 87.8 | 88.0 | 88.1 | 88.5 | 88.5 | 88.7 | 89.1 |
| ≥ 800 | 32.2 | 67.2 | 73.1 | 78.1 | 84.1 | 84.9 | 87.0 | 88.2 | 88.4 | 89.1 | 89.3 | 89.4 | 89.8 | 89.8 | 90.0 | 90.4 |
| ≥ 700 | 32.2 | 67.3 | 73.4 | 78.6 | 84.8 | 85.6 | 87.8 | 89.1 | 89.3 | 90.1 | 90.3 | 90.4 | 90.8 | 90.8 | 91.0 | 91.4 |
| ≥ 600 | 32.2 | 67.4 | 73.6 | 78.8 | 85.1 | 86.0 | 88.3 | 89.6 | 89.8 | 90.8 | 91.0 | 91.2 | 91.7 | 91.8 | 92.0 | 92.3 |
| ≥ 500 | 32.2 | 67.4 | 73.7 | 79.1 | 85.5 | 86.6 | 89.2 | 90.7 | 90.9 | 92.2 | 92.6 | 92.8 | 93.3 | 93.4 | 93.6 | 94.0 |
| ≥ 400 | 32.2 | 67.4 | 73.8 | 79.2 | 85.7 | 86.8 | 89.6 | 91.3 | 91.5 | 93.0 | 93.5 | 93.7 | 94.3 | 94.3 | 94.5 | 94.9 |
| ≥ 300 | 32.2 | 67.4 | 73.8 | 79.2 | 85.8 | 86.8 | 89.8 | 91.6 | 91.9 | 93.6 | 94.2 | 94.4 | 95.1 | 95.2 | 95.5 | 95.9 |
| ≥ 200 | 32.2 | 67.4 | 73.8 | 79.3 | 85.8 | 86.9 | 89.8 | 91.8 | 92.2 | 94.1 | 94.9 | 95.0 | 96.0 | 96.1 | 96.5 | 97.0 |
| ≥ 100 | 32.2 | 67.4 | 73.8 | 79.3 | 85.8 | 86.9 | 89.8 | 91.8 | 92.3 | 94.3 | 95.1 | 95.5 | 96.8 | 97.2 | 97.8 | 98.4 |
| 0 | 32.2 | 67.4 | 73.8 | 79.3 | 85.8 | 86.9 | 89.8 | 91.8 | 92.3 | 94.3 | 95.1 | 95.5 | 96.8 | 97.2 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS. 2402

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.0 | 39.7 | 42.0 | 43.5 | 45.6 | 46.0 | 46.8 | 47.0 | 47.3 | 47.5 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 20000 | 23.7 | 43.7 | 46.3 | 48.1 | 50.4 | 50.8 | 51.6 | 52.0 | 52.2 | 52.5 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 53.0 |
| ≥ 18000 | 23.7 | 43.8 | 46.6 | 48.3 | 50.6 | 51.0 | 51.8 | 52.2 | 52.4 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.2 |
| ≥ 16000 | 23.8 | 44.2 | 46.9 | 48.7 | 51.0 | 51.4 | 52.2 | 52.6 | 52.8 | 53.2 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.6 |
| ≥ 14000 | 24.2 | 45.3 | 48.1 | 50.0 | 52.3 | 52.7 | 53.6 | 54.0 | 54.2 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 | 55.0 |
| ≥ 12000 | 24.8 | 46.6 | 49.5 | 51.5 | 54.1 | 54.5 | 55.5 | 55.9 | 56.2 | 56.6 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 57.0 |
| ≥ 10000 | 25.5 | 48.3 | 51.3 | 53.3 | 56.0 | 56.4 | 57.6 | 58.0 | 58.2 | 58.7 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 |
| ≥ 9000 | 25.7 | 49.3 | 52.6 | 54.7 | 57.4 | 57.9 | 59.1 | 59.5 | 59.7 | 60.3 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 | 60.8 |
| ≥ 8000 | 26.0 | 50.7 | 54.2 | 56.5 | 59.4 | 60.1 | 61.3 | 61.8 | 62.1 | 62.7 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.3 |
| ≥ 7000 | 26.8 | 52.7 | 56.5 | 58.9 | 62.1 | 62.8 | 64.1 | 64.6 | 64.9 | 65.6 | 65.9 | 66.0 | 66.1 | 66.1 | 66.1 | 66.4 |
| ≥ 6000 | 27.2 | 53.9 | 57.9 | 60.4 | 63.8 | 64.5 | 65.8 | 66.4 | 66.6 | 67.4 | 67.7 | 67.7 | 67.9 | 67.9 | 68.0 | 68.3 |
| ≥ 5000 | 28.2 | 56.4 | 60.6 | 63.5 | 67.1 | 67.8 | 69.4 | 70.0 | 70.2 | 71.0 | 71.3 | 71.4 | 71.5 | 71.5 | 71.6 | 71.9 |
| ≥ 4500 | 28.4 | 57.4 | 61.6 | 64.8 | 68.5 | 69.3 | 70.9 | 71.5 | 71.7 | 72.5 | 72.9 | 72.9 | 73.1 | 73.1 | 73.1 | 73.4 |
| ≥ 4000 | 28.9 | 59.0 | 63.4 | 66.7 | 70.7 | 71.6 | 73.4 | 74.0 | 74.3 | 75.1 | 75.5 | 75.6 | 75.8 | 75.8 | 75.8 | 76.1 |
| ≥ 3500 | 29.1 | 59.6 | 64.2 | 67.6 | 71.7 | 72.5 | 74.4 | 75.0 | 75.3 | 76.1 | 76.5 | 76.6 | 76.8 | 76.8 | 76.8 | 77.1 |
| ≥ 3000 | 29.3 | 60.7 | 65.3 | 68.8 | 73.0 | 73.9 | 75.8 | 76.4 | 76.6 | 77.5 | 77.9 | 78.0 | 78.2 | 78.2 | 78.2 | 78.6 |
| ≥ 2500 | 29.4 | 61.4 | 66.3 | 70.0 | 74.4 | 75.4 | 77.5 | 78.2 | 78.5 | 79.3 | 79.8 | 79.9 | 80.1 | 80.1 | 80.1 | 80.5 |
| ≥ 2000 | 29.5 | 62.1 | 67.4 | 71.3 | 75.9 | 77.0 | 79.4 | 80.3 | 80.6 | 81.7 | 82.2 | 82.3 | 82.4 | 82.4 | 82.5 | 82.8 |
| ≥ 1800 | 29.5 | 62.3 | 67.6 | 71.5 | 76.3 | 77.3 | 79.8 | 80.8 | 81.0 | 82.1 | 82.6 | 82.7 | 82.9 | 82.9 | 82.9 | 83.3 |
| ≥ 1500 | 29.5 | 63.0 | 68.4 | 72.5 | 77.5 | 78.6 | 81.3 | 82.4 | 82.8 | 83.9 | 84.4 | 84.5 | 84.7 | 84.7 | 84.7 | 85.1 |
| ≥ 1200 | 29.6 | 63.5 | 69.2 | 73.4 | 78.8 | 79.9 | 82.8 | 84.0 | 84.4 | 85.5 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.9 |
| ≥ 1000 | 29.6 | 63.5 | 69.5 | 73.9 | 79.5 | 80.6 | 83.8 | 85.2 | 85.6 | 86.9 | 87.4 | 87.6 | 87.9 | 88.0 | 88.1 | 88.4 |
| ≥ 900 | 29.6 | 63.8 | 69.9 | 74.4 | 80.1 | 81.3 | 84.7 | 86.2 | 86.6 | 88.0 | 88.6 | 88.7 | 89.1 | 89.2 | 89.2 | 89.6 |
| ≥ 800 | 29.6 | 63.9 | 70.1 | 74.8 | 80.5 | 82.0 | 85.4 | 86.9 | 87.4 | 88.9 | 89.6 | 89.7 | 90.1 | 90.1 | 90.2 | 90.6 |
| ≥ 700 | 29.6 | 64.0 | 70.2 | 75.1 | 80.9 | 82.4 | 85.9 | 87.5 | 87.9 | 89.6 | 90.3 | 90.4 | 90.9 | 90.9 | 91.0 | 91.4 |
| ≥ 600 | 29.6 | 64.1 | 70.3 | 75.3 | 81.3 | 82.8 | 86.3 | 86.2 | 88.7 | 90.6 | 91.3 | 91.5 | 92.0 | 92.0 | 92.1 | 92.5 |
| ≥ 500 | 29.6 | 64.1 | 70.4 | 75.4 | 81.5 | 83.0 | 86.6 | 88.7 | 89.3 | 91.4 | 92.2 | 92.4 | 92.9 | 93.0 | 93.1 | 93.5 |
| ≥ 400 | 29.6 | 64.2 | 70.4 | 75.5 | 81.7 | 83.3 | 87.2 | 89.4 | 90.0 | 92.2 | 93.1 | 93.3 | 93.8 | 94.0 | 94.2 | 94.6 |
| ≥ 300 | 29.6 | 64.2 | 70.4 | 75.5 | 81.8 | 83.4 | 87.4 | 89.9 | 90.5 | 92.8 | 93.8 | 94.1 | 94.8 | 94.9 | 95.1 | 95.6 |
| ≥ 200 | 29.6 | 64.2 | 70.4 | 75.5 | 81.8 | 83.4 | 87.5 | 90.0 | 90.8 | 93.2 | 94.3 | 94.7 | 95.6 | 95.8 | 96.1 | 96.8 |
| ≥ 100 | 29.6 | 64.2 | 70.4 | 75.5 | 81.8 | 83.4 | 87.5 | 90.1 | 90.9 | 93.4 | 94.8 | 95.3 | 96.4 | 96.6 | 97.4 | 98.8 |
| 0 | 29.6 | 64.2 | 70.4 | 75.5 | 81.8 | 83.4 | 87.5 | 90.1 | 90.9 | 93.4 | 94.8 | 95.4 | 96.5 | 96.7 | 97.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

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

0900-1100 HOURS (EST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.3 | 37.8 | 40.1 | 41.9 | 43.1 | 43.7 | 44.2 | 44.8 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| ≥ 20000 | 25.3 | 43.9 | 46.4 | 48.6 | 50.0 | 50.7 | 51.2 | 51.8 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.1 |
| ≥ 18000 | 25.3 | 44.1 | 46.7 | 49.0 | 50.4 | 51.0 | 51.6 | 52.1 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 |
| ≥ 16000 | 25.5 | 44.8 | 47.5 | 49.7 | 51.1 | 51.8 | 52.3 | 52.9 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 |
| ≥ 14000 | 25.7 | 45.6 | 48.6 | 50.9 | 52.3 | 53.0 | 53.5 | 54.1 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 |
| ≥ 12000 | 26.2 | 47.7 | 50.7 | 53.1 | 54.6 | 55.4 | 56.0 | 56.6 | 56.6 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 |
| ≥ 10000 | 27.4 | 50.1 | 53.5 | 56.2 | 57.9 | 58.7 | 59.4 | 59.9 | 60.0 | 60.0 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 |
| ≥ 9000 | 27.5 | 51.2 | 54.8 | 57.6 | 59.3 | 60.1 | 60.7 | 61.3 | 61.4 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 |
| ≥ 8000 | 28.4 | 52.9 | 56.8 | 59.7 | 62.0 | 63.0 | 63.7 | 64.3 | 64.4 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 |
| ≥ 7000 | 29.0 | 55.2 | 59.6 | 62.6 | 65.1 | 66.1 | 66.8 | 67.5 | 67.6 | 67.8 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.3 |
| ≥ 6000 | 29.3 | 56.6 | 61.1 | 64.4 | 67.1 | 68.3 | 69.1 | 69.8 | 70.0 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.7 |
| ≥ 5000 | 30.2 | 58.9 | 63.8 | 67.3 | 70.3 | 71.5 | 72.4 | 73.2 | 73.3 | 73.6 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.1 |
| ≥ 4500 | 30.5 | 59.6 | 64.7 | 68.4 | 71.4 | 72.6 | 73.6 | 74.5 | 74.6 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 |
| ≥ 4000 | 30.9 | 61.0 | 66.1 | 70.0 | 73.1 | 74.3 | 75.6 | 76.6 | 76.7 | 76.9 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.5 |
| ≥ 3500 | 31.3 | 61.8 | 67.0 | 71.0 | 74.3 | 75.6 | 76.8 | 77.7 | 77.8 | 78.1 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 |
| ≥ 3000 | 31.5 | 62.9 | 68.2 | 72.4 | 75.9 | 77.3 | 78.5 | 79.4 | 79.6 | 79.8 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.5 |
| ≥ 2500 | 31.8 | 63.6 | 69.1 | 73.4 | 77.0 | 78.4 | 79.7 | 80.7 | 80.8 | 81.0 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.7 |
| ≥ 2000 | 31.9 | 64.2 | 69.7 | 74.1 | 77.9 | 79.4 | 81.0 | 82.1 | 82.3 | 82.6 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.4 |
| ≥ 1800 | 31.9 | 64.4 | 69.9 | 74.4 | 78.3 | 79.8 | 81.4 | 82.5 | 82.7 | 83.0 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 |
| ≥ 1500 | 31.9 | 64.7 | 70.3 | 74.8 | 78.8 | 80.4 | 82.1 | 83.3 | 83.5 | 83.8 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 |
| ≥ 1200 | 32.0 | 65.3 | 70.9 | 75.6 | 80.1 | 81.8 | 83.5 | 84.9 | 85.1 | 85.5 | 86.0 | 86.2 | 86.3 | 86.3 | 86.3 | 86.5 |
| ≥ 1000 | 32.1 | 65.6 | 71.3 | 76.1 | 80.9 | 82.8 | 84.9 | 86.3 | 86.5 | 87.0 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.2 |
| ≥ 900 | 32.1 | 65.7 | 71.6 | 76.5 | 81.5 | 83.5 | 85.7 | 87.2 | 87.5 | 88.1 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.3 |
| ≥ 800 | 32.1 | 65.9 | 71.8 | 76.9 | 82.2 | 84.3 | 86.5 | 88.2 | 88.5 | 89.2 | 89.8 | 90.0 | 90.3 | 90.3 | 90.4 | 90.6 |
| ≥ 700 | 32.1 | 66.1 | 72.1 | 77.2 | 82.8 | 85.0 | 87.3 | 89.0 | 89.3 | 90.2 | 90.9 | 91.2 | 91.6 | 91.6 | 91.7 | 91.8 |
| ≥ 600 | 32.1 | 66.2 | 72.2 | 77.3 | 83.0 | 85.2 | 87.9 | 89.6 | 90.1 | 91.1 | 92.1 | 92.4 | 93.0 | 93.0 | 93.0 | 93.2 |
| ≥ 500 | 32.1 | 66.3 | 72.2 | 77.6 | 83.3 | 85.7 | 88.5 | 90.5 | 91.3 | 92.4 | 93.5 | 93.8 | 94.6 | 94.6 | 94.7 | 94.9 |
| ≥ 400 | 32.1 | 66.3 | 72.2 | 77.7 | 83.5 | 86.0 | 88.8 | 91.1 | 91.9 | 93.2 | 94.3 | 94.7 | 95.5 | 95.5 | 95.7 | 95.8 |
| ≥ 300 | 32.1 | 66.3 | 72.3 | 77.7 | 83.6 | 86.0 | 88.9 | 91.2 | 92.2 | 93.6 | 94.8 | 95.3 | 96.2 | 96.2 | 96.5 | 96.8 |
| ≥ 200 | 32.1 | 66.3 | 72.3 | 77.7 | 83.6 | 86.0 | 88.9 | 91.2 | 92.2 | 93.7 | 95.1 | 95.7 | 97.2 | 97.4 | 97.8 | 98.3 |
| ≥ 100 | 32.1 | 66.3 | 72.3 | 77.7 | 83.6 | 86.0 | 88.9 | 91.2 | 92.2 | 93.8 | 95.3 | 95.9 | 97.6 | 97.8 | 98.6 | 99.3 |
| ≥ 0 | 32.1 | 66.3 | 72.3 | 77.7 | 83.6 | 86.0 | 88.9 | 91.2 | 92.2 | 93.8 | 95.3 | 95.9 | 97.6 | 97.8 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2401

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 24.5 | 41.0 | 42.3 | 43.4 | 44.2 | 44.8 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 |
| ≥ 20000 | 28.8 | 47.6 | 49.1 | 50.3 | 51.3 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | 29.0 | 48.0 | 49.5 | 50.7 | 51.6 | 52.3 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 16000 | 29.1 | 48.3 | 49.8 | 51.0 | 52.0 | 52.7 | 52.8 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 14000 | 29.5 | 50.0 | 51.6 | 53.0 | 53.9 | 54.6 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 12000 | 30.3 | 52.1 | 54.1 | 55.5 | 56.6 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 | 57.7 |
| ≥ 10000 | 31.7 | 55.9 | 58.2 | 60.0 | 61.0 | 61.8 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 9000 | 32.0 | 57.0 | 59.5 | 61.4 | 62.5 | 63.2 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 8000 | 32.3 | 58.8 | 61.5 | 63.6 | 64.8 | 65.6 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 7000 | 32.7 | 60.8 | 63.8 | 66.1 | 67.5 | 68.4 | 68.6 | 68.8 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 6000 | 33.1 | 61.9 | 65.2 | 67.8 | 69.3 | 70.3 | 70.5 | 70.8 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 5000 | 34.0 | 64.0 | 67.5 | 70.2 | 72.0 | 72.9 | 73.2 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 4500 | 34.4 | 65.0 | 68.8 | 71.8 | 73.8 | 74.8 | 75.1 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4000 | 34.9 | 66.4 | 70.4 | 73.6 | 75.5 | 76.5 | 77.1 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 3500 | 35.8 | 67.7 | 72.0 | 75.3 | 77.3 | 78.3 | 78.8 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 3000 | 36.2 | 68.9 | 73.3 | 76.6 | 78.7 | 79.7 | 80.3 | 80.7 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 2500 | 36.6 | 70.2 | 74.7 | 78.3 | 80.5 | 81.6 | 82.3 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 |
| ≥ 2000 | 36.8 | 71.2 | 75.8 | 79.5 | 82.0 | 83.3 | 84.1 | 84.5 | 84.7 | 84.8 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 1800 | 36.9 | 71.4 | 76.1 | 79.8 | 82.3 | 83.5 | 84.5 | 84.9 | 85.0 | 85.2 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1500 | 37.0 | 71.8 | 76.5 | 80.3 | 83.2 | 84.5 | 85.5 | 86.0 | 86.1 | 86.3 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 |
| ≥ 1200 | 37.1 | 72.2 | 77.1 | 81.0 | 84.3 | 85.7 | 86.8 | 87.4 | 87.5 | 87.9 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 |
| ≥ 1000 | 37.1 | 72.7 | 77.8 | 81.9 | 85.3 | 86.8 | 88.2 | 88.9 | 89.1 | 89.5 | 90.0 | 90.0 | 90.2 | 90.3 | 90.3 | 90.3 |
| ≥ 900 | 37.1 | 72.8 | 78.0 | 82.1 | 85.7 | 87.2 | 88.6 | 89.4 | 89.6 | 90.1 | 90.6 | 90.7 | 90.8 | 90.9 | 91.0 | 91.0 |
| ≥ 800 | 37.1 | 73.1 | 78.5 | 82.8 | 86.5 | 88.1 | 89.8 | 90.6 | 90.8 | 91.4 | 92.0 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 |
| ≥ 700 | 37.1 | 73.2 | 78.6 | 83.1 | 86.9 | 89.6 | 90.3 | 91.2 | 91.6 | 92.2 | 92.9 | 93.0 | 93.2 | 93.3 | 93.3 | 93.3 |
| ≥ 600 | 37.1 | 73.3 | 78.8 | 83.3 | 87.3 | 89.1 | 90.8 | 91.8 | 92.3 | 93.0 | 93.9 | 94.0 | 94.3 | 94.4 | 94.5 | 94.5 |
| ≥ 500 | 37.1 | 73.3 | 78.8 | 83.5 | 87.7 | 89.5 | 91.5 | 92.6 | 93.2 | 94.0 | 95.0 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 |
| ≥ 400 | 37.1 | 73.4 | 79.0 | 83.8 | 88.0 | 90.0 | 92.1 | 93.5 | 94.2 | 95.2 | 96.3 | 96.7 | 97.0 | 97.1 | 97.2 | 97.2 |
| ≥ 300 | 37.1 | 73.4 | 79.0 | 83.8 | 88.0 | 90.0 | 92.3 | 93.7 | 94.5 | 95.5 | 96.7 | 97.2 | 97.5 | 97.6 | 97.8 | 98.0 |
| ≥ 200 | 37.1 | 73.4 | 79.0 | 83.8 | 88.0 | 90.1 | 92.3 | 93.8 | 94.6 | 96.0 | 97.2 | 97.8 | 98.3 | 98.5 | 98.8 | 99.0 |
| ≥ 100 | 37.1 | 73.4 | 79.0 | 83.8 | 88.0 | 90.1 | 92.3 | 93.8 | 94.6 | 96.0 | 97.2 | 97.8 | 98.5 | 98.8 | 99.1 | 99.7 |
| ≥ 0 | 37.1 | 73.4 | 79.0 | 83.8 | 88.0 | 90.1 | 92.3 | 93.8 | 94.6 | 96.0 | 97.2 | 97.8 | 98.5 | 98.8 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2400

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 24.8 | 40.9 | 42.4 | 43.4 | 44.2 | 44.5 | 44.8 | 44.8 | 44.9 | 44.9 | 45.0 | 45.0 | 45.0 | 45.0 | 45.1 | 45.1 |
| ≥ 20000 | 28.6 | 47.5 | 49.3 | 50.6 | 51.7 | 52.2 | 52.5 | 52.5 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.9 |
| ≥ 18000 | 28.7 | 47.7 | 49.4 | 50.7 | 51.9 | 52.4 | 52.8 | 52.8 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 |
| ≥ 16000 | 29.0 | 48.3 | 50.0 | 51.3 | 52.5 | 53.0 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.6 | 53.7 | 53.7 |
| ≥ 14000 | 29.6 | 50.1 | 51.9 | 53.3 | 54.4 | 55.0 | 55.3 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 |
| ≥ 12000 | 30.4 | 52.6 | 54.8 | 56.5 | 57.7 | 58.3 | 58.7 | 58.7 | 58.8 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.1 | 59.2 |
| ≥ 10000 | 31.7 | 55.7 | 58.2 | 60.3 | 61.6 | 62.1 | 62.5 | 62.6 | 62.7 | 62.8 | 62.9 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 |
| ≥ 9000 | 31.8 | 56.5 | 59.1 | 61.4 | 62.7 | 63.2 | 63.6 | 63.7 | 63.8 | 63.9 | 63.9 | 64.0 | 64.1 | 64.1 | 64.1 | 64.2 |
| ≥ 8000 | 32.9 | 58.8 | 61.6 | 64.2 | 65.7 | 66.3 | 66.8 | 66.9 | 67.0 | 67.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 | 67.5 |
| ≥ 7000 | 33.0 | 60.4 | 63.5 | 66.4 | 68.1 | 68.7 | 69.2 | 69.3 | 69.5 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 70.0 |
| ≥ 6000 | 33.4 | 61.7 | 65.2 | 68.1 | 69.8 | 70.4 | 70.9 | 71.0 | 71.2 | 71.4 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.8 |
| ≥ 5000 | 33.7 | 63.8 | 67.5 | 70.6 | 72.4 | 73.0 | 73.7 | 74.0 | 74.1 | 74.3 | 74.4 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 |
| ≥ 4500 | 34.2 | 64.6 | 68.7 | 71.8 | 73.9 | 74.5 | 75.3 | 75.5 | 75.7 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.3 |
| ≥ 4000 | 34.6 | 66.1 | 70.3 | 73.5 | 75.7 | 76.4 | 77.2 | 77.5 | 77.7 | 77.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 | 78.3 |
| ≥ 3500 | 35.1 | 67.8 | 72.3 | 75.5 | 78.0 | 78.7 | 79.5 | 79.8 | 80.0 | 80.2 | 80.2 | 80.3 | 80.4 | 80.4 | 80.5 | 80.6 |
| ≥ 3000 | 35.7 | 69.6 | 74.3 | 77.6 | 80.2 | 80.9 | 81.7 | 82.0 | 82.2 | 82.4 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.8 |
| ≥ 2500 | 35.9 | 70.6 | 75.5 | 79.1 | 81.9 | 82.6 | 83.5 | 83.8 | 83.9 | 84.2 | 84.3 | 84.4 | 84.4 | 84.5 | 84.6 | 84.7 |
| ≥ 2000 | 36.0 | 71.3 | 76.2 | 80.1 | 82.9 | 83.9 | 84.9 | 85.4 | 85.5 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 |
| ≥ 1800 | 36.1 | 71.5 | 76.5 | 80.4 | 83.2 | 84.2 | 85.2 | 85.6 | 85.8 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.8 |
| ≥ 1500 | 36.2 | 72.0 | 77.2 | 81.1 | 84.2 | 85.1 | 86.1 | 86.8 | 87.0 | 87.4 | 87.5 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 |
| ≥ 1200 | 36.3 | 72.3 | 77.5 | 81.8 | 84.9 | 85.9 | 87.1 | 87.9 | 88.1 | 88.7 | 88.9 | 89.1 | 89.1 | 89.2 | 89.3 | 89.4 |
| ≥ 1000 | 36.3 | 72.5 | 77.9 | 82.3 | 85.6 | 86.5 | 87.8 | 88.6 | 89.0 | 89.7 | 90.1 | 90.3 | 90.4 | 90.5 | 90.6 | 90.7 |
| ≥ 900 | 36.4 | 72.7 | 78.1 | 82.7 | 86.1 | 87.1 | 88.4 | 89.3 | 89.8 | 90.5 | 91.1 | 91.3 | 91.3 | 91.4 | 91.5 | 91.6 |
| ≥ 800 | 36.4 | 72.8 | 78.3 | 83.0 | 86.6 | 87.7 | 89.2 | 90.2 | 90.7 | 91.7 | 92.3 | 92.5 | 92.7 | 92.8 | 92.9 | 93.0 |
| ≥ 700 | 36.4 | 73.0 | 78.5 | 83.4 | 87.1 | 88.4 | 90.0 | 91.2 | 91.7 | 92.9 | 93.5 | 93.7 | 93.9 | 94.1 | 94.1 | 94.2 |
| ≥ 600 | 36.4 | 73.0 | 78.6 | 83.6 | 87.4 | 88.6 | 90.3 | 91.7 | 92.3 | 93.6 | 94.3 | 94.5 | 94.9 | 95.0 | 95.1 | 95.2 |
| ≥ 500 | 36.4 | 73.1 | 78.6 | 83.7 | 87.5 | 88.9 | 90.7 | 92.2 | 92.8 | 94.3 | 95.1 | 95.5 | 96.1 | 96.3 | 96.3 | 96.4 |
| ≥ 400 | 36.4 | 73.1 | 78.7 | 83.7 | 87.6 | 89.0 | 91.0 | 92.5 | 93.2 | 94.9 | 95.9 | 96.4 | 97.0 | 97.1 | 97.3 | 97.4 |
| ≥ 300 | 36.4 | 73.2 | 78.7 | 83.8 | 87.7 | 89.1 | 91.2 | 92.7 | 93.4 | 95.3 | 96.5 | 96.9 | 97.6 | 97.8 | 98.0 | 98.2 |
| ≥ 200 | 36.4 | 73.2 | 78.7 | 83.8 | 87.7 | 89.1 | 91.3 | 92.9 | 93.6 | 95.5 | 96.7 | 97.1 | 97.9 | 98.3 | 98.6 | 99.0 |
| ≥ 100 | 36.4 | 73.2 | 78.7 | 83.8 | 87.7 | 89.1 | 91.3 | 92.9 | 93.6 | 95.5 | 96.7 | 97.2 | 98.1 | 98.6 | 99.0 | 99.7 |
| 0 | 36.4 | 73.2 | 78.7 | 83.8 | 87.7 | 89.1 | 91.3 | 92.9 | 93.6 | 95.5 | 96.7 | 97.2 | 98.1 | 98.6 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 24.7 | 44.6 | 46.0 | 47.5 | 49.2 | 49.6 | 50.1 | 50.2 | 50.2 | 50.3 | 50.4 | 50.4 | 50.5 | 50.6 | 50.7 | 50.9 |
| ≥ 20000 | 27.5 | 49.9 | 51.4 | 53.4 | 55.2 | 55.7 | 56.2 | 56.4 | 56.4 | 56.5 | 56.6 | 56.6 | 56.6 | 56.7 | 56.9 | 57.0 |
| ≥ 18000 | 27.6 | 50.2 | 51.7 | 53.7 | 55.6 | 56.0 | 56.6 | 56.7 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 57.1 | 57.2 | 57.4 |
| ≥ 16000 | 27.8 | 50.8 | 52.3 | 54.3 | 56.2 | 56.6 | 57.2 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.6 | 57.7 | 57.8 | 58.0 |
| ≥ 14000 | 28.4 | 52.1 | 53.7 | 55.7 | 57.6 | 58.0 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 59.1 | 59.2 | 59.3 | 59.6 |
| ≥ 12000 | 29.2 | 54.5 | 56.2 | 58.2 | 60.1 | 60.6 | 61.1 | 61.3 | 61.3 | 61.4 | 61.5 | 61.5 | 61.6 | 61.7 | 61.9 | 62.1 |
| ≥ 10000 | 30.1 | 56.7 | 58.7 | 60.9 | 62.9 | 63.4 | 64.1 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.6 | 64.7 | 64.8 | 65.1 |
| ≥ 9000 | 30.3 | 57.9 | 59.9 | 62.3 | 64.3 | 64.8 | 65.6 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 66.0 | 66.1 | 66.3 | 66.5 |
| ≥ 8000 | 30.7 | 59.3 | 61.7 | 64.3 | 66.7 | 67.3 | 68.1 | 68.2 | 68.2 | 68.3 | 68.4 | 68.4 | 68.5 | 68.6 | 68.8 | 69.0 |
| ≥ 7000 | 31.2 | 61.4 | 63.8 | 66.8 | 69.4 | 70.0 | 70.8 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.3 | 71.4 | 71.5 | 71.8 |
| ≥ 6000 | 31.6 | 63.1 | 65.6 | 68.8 | 71.6 | 72.2 | 73.1 | 73.3 | 73.3 | 73.5 | 73.5 | 73.5 | 73.7 | 73.8 | 73.9 | 74.2 |
| ≥ 5000 | 31.9 | 65.1 | 67.9 | 71.1 | 74.1 | 74.8 | 75.7 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.4 | 76.5 | 76.7 |
| ≥ 4500 | 32.2 | 65.8 | 68.8 | 72.1 | 75.2 | 75.8 | 76.7 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 | 77.3 | 77.5 | 77.6 | 77.8 |
| ≥ 4000 | 32.5 | 67.6 | 70.9 | 74.3 | 77.6 | 78.2 | 79.2 | 79.6 | 79.6 | 79.9 | 80.0 | 80.0 | 80.1 | 80.2 | 80.3 | 80.6 |
| ≥ 3500 | 32.5 | 68.8 | 72.1 | 75.6 | 79.0 | 79.6 | 80.6 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.5 | 81.6 | 81.7 | 82.0 |
| ≥ 3000 | 32.8 | 69.8 | 73.3 | 77.0 | 80.5 | 81.2 | 82.2 | 82.6 | 82.6 | 82.9 | 83.0 | 83.0 | 83.1 | 83.2 | 83.4 | 83.6 |
| ≥ 2500 | 32.9 | 70.6 | 74.2 | 77.9 | 81.7 | 82.4 | 83.5 | 83.9 | 83.9 | 84.3 | 84.4 | 84.4 | 84.5 | 84.7 | 84.8 | 85.0 |
| ≥ 2000 | 33.0 | 71.3 | 75.0 | 78.9 | 82.8 | 83.7 | 84.7 | 85.1 | 85.1 | 85.6 | 85.7 | 85.7 | 85.8 | 85.9 | 86.1 | 86.3 |
| ≥ 1800 | 33.1 | 71.4 | 75.1 | 79.1 | 82.9 | 83.8 | 84.9 | 85.3 | 85.3 | 85.8 | 85.9 | 85.9 | 86.0 | 86.1 | 86.2 | 86.5 |
| ≥ 1500 | 33.1 | 71.8 | 75.8 | 80.0 | 83.8 | 84.8 | 86.0 | 86.4 | 86.5 | 87.0 | 87.1 | 87.1 | 87.2 | 87.4 | 87.5 | 87.7 |
| ≥ 1200 | 33.2 | 72.4 | 76.5 | 80.7 | 84.9 | 86.0 | 87.3 | 87.9 | 88.1 | 88.7 | 88.8 | 88.8 | 88.9 | 89.1 | 89.2 | 89.4 |
| ≥ 1000 | 33.2 | 72.5 | 76.9 | 81.1 | 85.5 | 86.6 | 88.0 | 88.8 | 88.9 | 89.6 | 89.9 | 89.9 | 90.0 | 90.1 | 90.2 | 90.5 |
| ≥ 900 | 33.2 | 72.5 | 77.0 | 81.2 | 85.6 | 86.7 | 88.2 | 89.0 | 89.2 | 90.0 | 90.2 | 90.2 | 90.3 | 90.5 | 90.6 | 90.8 |
| ≥ 800 | 33.3 | 72.6 | 77.1 | 81.4 | 85.9 | 87.0 | 88.5 | 89.3 | 89.5 | 90.4 | 90.8 | 90.9 | 91.1 | 91.2 | 91.3 | 91.6 |
| ≥ 700 | 33.4 | 72.7 | 77.2 | 81.7 | 86.1 | 87.3 | 88.9 | 89.6 | 89.9 | 91.1 | 91.3 | 91.6 | 91.8 | 91.9 | 92.1 | 92.3 |
| ≥ 600 | 33.4 | 72.7 | 77.3 | 82.0 | 86.6 | 87.8 | 89.5 | 90.3 | 90.6 | 91.9 | 92.3 | 92.4 | 92.8 | 93.0 | 93.1 | 93.4 |
| ≥ 500 | 33.4 | 72.8 | 77.4 | 82.2 | 86.9 | 88.1 | 89.9 | 91.0 | 91.4 | 93.1 | 93.8 | 93.9 | 94.7 | 94.8 | 95.0 | 95.3 |
| ≥ 400 | 33.4 | 72.8 | 77.5 | 82.2 | 87.2 | 88.7 | 90.6 | 91.7 | 92.2 | 94.1 | 94.8 | 95.0 | 95.9 | 96.1 | 96.3 | 96.5 |
| ≥ 300 | 33.4 | 72.8 | 77.5 | 82.2 | 87.3 | 88.8 | 90.8 | 91.9 | 92.4 | 94.5 | 95.4 | 95.5 | 96.5 | 96.8 | 97.0 | 97.4 |
| ≥ 200 | 33.4 | 72.8 | 77.5 | 82.3 | 87.3 | 88.9 | 90.9 | 92.1 | 92.6 | 94.9 | 96.0 | 96.2 | 97.4 | 97.7 | 98.0 | 98.5 |
| ≥ 100 | 33.4 | 72.8 | 77.5 | 82.3 | 87.3 | 88.9 | 90.9 | 92.1 | 92.6 | 95.0 | 96.1 | 96.3 | 97.7 | 98.0 | 98.6 | 99.3 |
| ≥ 0 | 33.4 | 72.8 | 77.5 | 82.3 | 87.3 | 88.9 | 90.9 | 92.1 | 92.6 | 95.0 | 96.1 | 96.3 | 97.7 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (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 | ≥⅜ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.0 | 45.8 | 47.4 | 49.0 | 51.0 | 51.3 | 51.6 | 51.7 | 51.8 | 52.1 | 52.1 | 52.1 | 52.3 | 52.3 | 52.4 | 52.6 |
| ≥ 20000 | 25.9 | 50.1 | 52.0 | 53.8 | 55.9 | 56.1 | 56.6 | 56.7 | 56.7 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.4 | 57.5 |
| ≥ 18000 | 26.2 | 50.4 | 32.3 | 54.1 | 56.2 | 56.4 | 56.9 | 56.9 | 57.0 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.7 | 57.8 |
| ≥ 16000 | 26.6 | 51.3 | 53.2 | 55.0 | 57.1 | 57.3 | 57.8 | 57.9 | 57.9 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.6 | 58.7 |
| ≥ 14000 | 27.0 | 52.3 | 54.3 | 56.1 | 58.2 | 58.4 | 58.9 | 59.0 | 59.0 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.7 | 59.8 |
| ≥ 12000 | 27.9 | 54.1 | 56.1 | 57.9 | 60.1 | 60.3 | 60.8 | 60.9 | 61.0 | 61.3 | 61.3 | 61.3 | 61.5 | 61.5 | 61.6 | 61.8 |
| ≥ 10000 | 28.8 | 56.2 | 58.3 | 60.4 | 62.7 | 63.0 | 63.5 | 63.6 | 63.7 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.4 | 64.5 |
| ≥ 9000 | 29.1 | 57.0 | 59.3 | 61.5 | 63.9 | 64.1 | 64.7 | 64.8 | 64.9 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.6 | 65.7 |
| ≥ 8000 | 29.3 | 59.0 | 61.3 | 63.7 | 66.4 | 66.7 | 67.2 | 67.3 | 67.4 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 68.1 | 68.2 |
| ≥ 7000 | 29.7 | 60.1 | 62.5 | 65.3 | 68.5 | 68.7 | 69.3 | 69.4 | 69.5 | 69.8 | 69.8 | 69.9 | 70.0 | 70.0 | 70.2 | 70.3 |
| ≥ 6000 | 30.0 | 61.8 | 64.5 | 67.3 | 70.8 | 71.1 | 71.6 | 71.7 | 71.8 | 72.2 | 72.2 | 72.3 | 72.4 | 72.4 | 72.6 | 72.7 |
| ≥ 5000 | 30.5 | 63.9 | 66.8 | 69.7 | 73.5 | 73.8 | 74.3 | 74.4 | 74.5 | 74.9 | 74.9 | 75.0 | 75.1 | 75.1 | 75.3 | 75.4 |
| ≥ 4500 | 30.9 | 64.9 | 67.9 | 70.9 | 74.8 | 75.1 | 75.7 | 75.9 | 76.0 | 76.4 | 76.4 | 76.5 | 76.6 | 76.6 | 76.8 | 76.9 |
| ≥ 4000 | 31.5 | 66.4 | 69.7 | 72.8 | 77.1 | 77.5 | 78.1 | 78.2 | 78.4 | 78.9 | 78.9 | 79.0 | 79.1 | 79.1 | 79.2 | 79.4 |
| ≥ 3500 | 31.7 | 67.3 | 70.8 | 73.9 | 78.2 | 78.7 | 79.3 | 79.5 | 79.6 | 80.1 | 80.2 | 80.2 | 80.3 | 80.3 | 80.5 | 80.7 |
| ≥ 3000 | 32.0 | 68.3 | 72.1 | 75.6 | 80.3 | 81.0 | 81.6 | 81.9 | 82.0 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.9 | 83.1 |
| ≥ 2500 | 32.2 | 69.0 | 72.8 | 76.5 | 81.3 | 82.0 | 82.7 | 83.0 | 83.1 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 84.0 | 84.2 |
| ≥ 2000 | 32.4 | 70.0 | 73.9 | 77.7 | 82.6 | 83.4 | 84.2 | 84.5 | 84.6 | 85.1 | 85.2 | 85.2 | 85.4 | 85.4 | 85.5 | 85.7 |
| ≥ 1800 | 32.5 | 70.1 | 74.1 | 78.0 | 82.9 | 83.6 | 84.4 | 84.8 | 84.9 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.8 | 86.0 |
| ≥ 1500 | 32.6 | 70.8 | 74.9 | 78.9 | 83.9 | 84.7 | 85.7 | 86.2 | 86.3 | 86.9 | 86.9 | 87.0 | 87.1 | 87.1 | 87.3 | 87.4 |
| ≥ 1200 | 32.7 | 71.3 | 75.5 | 79.6 | 84.8 | 85.6 | 86.7 | 87.2 | 87.5 | 88.1 | 88.2 | 88.2 | 88.4 | 88.4 | 88.5 | 88.7 |
| ≥ 1000 | 32.7 | 71.6 | 75.8 | 80.0 | 85.1 | 86.1 | 87.2 | 87.8 | 88.1 | 88.9 | 89.0 | 89.0 | 89.2 | 89.2 | 89.4 | 89.5 |
| ≥ 900 | 32.7 | 71.8 | 76.2 | 80.4 | 85.6 | 86.6 | 87.7 | 88.3 | 88.6 | 89.5 | 89.6 | 89.7 | 89.9 | 89.9 | 90.0 | 90.2 |
| ≥ 800 | 32.7 | 72.0 | 76.4 | 80.7 | 85.9 | 86.8 | 88.1 | 88.6 | 89.0 | 89.9 | 90.0 | 90.0 | 90.3 | 90.3 | 90.4 | 90.6 |
| ≥ 700 | 32.7 | 72.2 | 76.7 | 81.2 | 86.4 | 87.4 | 88.8 | 89.3 | 89.9 | 90.8 | 91.0 | 91.0 | 91.4 | 91.4 | 91.5 | 91.7 |
| ≥ 600 | 32.7 | 72.2 | 76.8 | 81.4 | 87.0 | 88.0 | 89.5 | 90.2 | 90.6 | 91.7 | 91.8 | 91.9 | 92.3 | 92.3 | 92.4 | 92.6 |
| ≥ 500 | 32.7 | 72.3 | 77.0 | 81.6 | 87.5 | 88.6 | 90.3 | 91.1 | 91.5 | 92.9 | 93.1 | 93.2 | 93.8 | 93.9 | 94.1 | 94.3 |
| ≥ 400 | 32.7 | 72.3 | 77.0 | 81.6 | 87.7 | 88.8 | 90.6 | 91.4 | 92.0 | 93.3 | 93.7 | 93.8 | 94.5 | 94.6 | 94.8 | 95.0 |
| ≥ 300 | 32.7 | 72.3 | 77.1 | 81.7 | 87.7 | 88.9 | 90.9 | 91.8 | 92.3 | 93.8 | 94.4 | 94.6 | 95.3 | 95.4 | 95.6 | 96.1 |
| ≥ 200 | 32.7 | 72.3 | 77.1 | 81.7 | 87.7 | 89.0 | 91.0 | 92.0 | 92.6 | 94.1 | 94.9 | 95.3 | 96.2 | 96.4 | 96.9 | 97.2 |
| ≥ 100 | 32.7 | 72.3 | 77.1 | 81.7 | 87.7 | 89.0 | 91.0 | 92.0 | 92.6 | 94.4 | 95.3 | 95.6 | 96.9 | 97.2 | 98.0 | 98.7 |
| ≥ 0 | 32.7 | 72.3 | 77.1 | 81.7 | 87.7 | 89.0 | 91.0 | 92.0 | 92.6 | 94.4 | 95.3 | 95.6 | 96.9 | 97.2 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2390

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 25.1 | 45.7 | 48.1 | 50.0 | 52.9 | 53.0 | 53.3 | 53.6 | 53.8 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.2 | 54.7 |
| ≥ 20000 | 25.8 | 47.4 | 50.1 | 52.1 | 55.1 | 55.4 | 55.7 | 56.1 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.7 | 57.1 |
| ≥ 18000 | 25.8 | 47.5 | 50.2 | 52.3 | 55.3 | 55.5 | 55.9 | 56.3 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.9 | 57.3 |
| ≥ 16000 | 25.8 | 47.6 | 50.3 | 52.3 | 55.3 | 55.6 | 55.9 | 56.3 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.9 | 57.4 |
| ≥ 14000 | 26.3 | 48.4 | 51.1 | 53.2 | 56.2 | 56.4 | 56.8 | 57.2 | 57.3 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.8 | 58.2 |
| ≥ 12000 | 26.6 | 49.3 | 52.1 | 54.5 | 57.8 | 58.1 | 58.5 | 58.9 | 59.0 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.5 | 59.9 |
| ≥ 10000 | 27.5 | 51.9 | 54.9 | 57.4 | 60.8 | 61.1 | 61.7 | 62.1 | 62.3 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.8 | 63.2 |
| ≥ 9000 | 27.9 | 53.1 | 56.1 | 58.6 | 62.0 | 62.3 | 62.9 | 63.4 | 63.5 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 64.0 | 64.5 |
| ≥ 8000 | 28.8 | 55.4 | 58.5 | 61.1 | 64.7 | 65.0 | 65.6 | 66.1 | 66.2 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.7 | 67.2 |
| ≥ 7000 | 29.5 | 57.3 | 60.9 | 63.8 | 67.4 | 67.8 | 68.5 | 68.9 | 69.1 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.7 | 70.1 |
| ≥ 6000 | 30.1 | 58.9 | 62.5 | 65.5 | 69.3 | 69.7 | 70.4 | 70.8 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.5 | 72.0 |
| ≥ 5000 | 31.0 | 61.3 | 65.1 | 68.2 | 72.1 | 72.5 | 73.3 | 73.8 | 74.0 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.6 | 75.0 |
| ≥ 4500 | 31.0 | 62.0 | 66.1 | 69.3 | 73.3 | 73.9 | 74.6 | 75.2 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 76.0 | 76.4 |
| ≥ 4000 | 31.5 | 63.5 | 67.8 | 71.1 | 75.5 | 76.2 | 77.0 | 77.7 | 77.8 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.6 | 79.0 |
| ≥ 3500 | 31.7 | 64.4 | 68.8 | 72.1 | 76.7 | 77.3 | 78.2 | 79.8 | 79.0 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.8 | 80.2 |
| ≥ 3000 | 31.9 | 65.5 | 70.2 | 73.5 | 78.2 | 78.9 | 79.9 | 80.5 | 80.8 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.6 | 82.1 |
| ≥ 2500 | 31.9 | 65.8 | 70.6 | 74.1 | 78.9 | 79.7 | 80.7 | 81.4 | 81.6 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.5 | 82.9 |
| ≥ 2000 | 32.1 | 66.4 | 71.3 | 75.1 | 80.0 | 80.8 | 81.9 | 82.6 | 82.9 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 | 84.3 |
| ≥ 1800 | 32.1 | 66.5 | 71.4 | 75.4 | 80.4 | 81.2 | 82.3 | 83.1 | 83.4 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.3 | 84.7 |
| ≥ 1500 | 32.1 | 66.8 | 71.9 | 76.2 | 81.5 | 82.3 | 83.4 | 84.3 | 84.6 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.6 | 86.0 |
| ≥ 1200 | 32.1 | 67.0 | 72.1 | 76.6 | 82.1 | 82.9 | 84.0 | 85.1 | 85.4 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.4 | 86.9 |
| ≥ 1000 | 32.2 | 67.4 | 72.6 | 77.4 | 83.2 | 84.1 | 85.3 | 86.5 | 86.8 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.9 | 88.4 |
| ≥ 900 | 32.3 | 67.7 | 73.1 | 78.0 | 83.7 | 84.6 | 86.0 | 87.3 | 87.6 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.7 | 89.2 |
| ≥ 800 | 32.3 | 67.8 | 73.3 | 78.2 | 84.0 | 85.0 | 86.6 | 87.9 | 88.2 | 89.0 | 89.4 | 89.4 | 89.4 | 89.4 | 89.7 | 90.1 |
| ≥ 700 | 32.3 | 68.1 | 73.6 | 78.6 | 84.5 | 85.6 | 87.2 | 88.6 | 89.0 | 89.8 | 90.1 | 90.1 | 90.3 | 90.3 | 90.5 | 91.0 |
| ≥ 600 | 32.3 | 68.2 | 73.8 | 78.9 | 84.9 | 86.1 | 87.9 | 89.6 | 89.9 | 90.8 | 91.1 | 91.1 | 91.3 | 91.3 | 91.5 | 92.0 |
| ≥ 500 | 32.3 | 68.2 | 73.8 | 79.0 | 85.2 | 86.6 | 88.6 | 90.6 | 91.0 | 92.2 | 92.7 | 92.7 | 92.8 | 92.8 | 93.1 | 93.5 |
| ≥ 400 | 32.3 | 68.3 | 73.9 | 79.2 | 85.4 | 87.0 | 89.1 | 91.2 | 91.7 | 93.0 | 93.5 | 93.5 | 93.7 | 93.7 | 94.0 | 94.4 |
| ≥ 300 | 32.3 | 68.4 | 74.1 | 79.4 | 85.7 | 87.4 | 89.6 | 91.9 | 92.5 | 94.1 | 94.7 | 94.7 | 95.0 | 95.0 | 95.3 | 95.9 |
| ≥ 200 | 32.3 | 68.4 | 74.1 | 79.4 | 85.8 | 87.5 | 89.8 | 92.4 | 93.1 | 94.8 | 95.7 | 95.9 | 96.3 | 96.3 | 96.8 | 97.3 |
| ≥ 100 | 32.3 | 68.4 | 74.1 | 79.4 | 85.8 | 87.5 | 89.8 | 92.5 | 93.2 | 95.1 | 96.1 | 96.4 | 97.2 | 97.3 | 98.0 | 98.9 |
| ≥ 0 | 32.3 | 68.4 | 74.1 | 79.4 | 85.8 | 87.5 | 89.8 | 92.5 | 93.2 | 95.1 | 96.1 | 96.4 | 97.2 | 97.3 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2189

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 24.0 | 43.4 | 46.0 | 47.7 | 50.5 | 50.9 | 51.6 | 52.1 | 52.2 | 52.4 | 52.4 | 52.5 | 52.6 | 52.6 | 52.6 | 53.2 |
| ≥ 20000 | 24.9 | 46.1 | 48.7 | 50.7 | 53.6 | 54.1 | 54.9 | 55.4 | 55.6 | 55.8 | 55.8 | 55.9 | 56.0 | 56.0 | 56.1 | 56.6 |
| ≥ 18000 | 24.9 | 46.2 | 48.8 | 50.8 | 53.8 | 54.2 | 55.0 | 55.5 | 55.7 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.3 | 56.7 |
| ≥ 16000 | 25.0 | 46.5 | 49.1 | 51.0 | 54.0 | 54.5 | 55.2 | 55.7 | 56.0 | 56.2 | 56.2 | 56.2 | 56.3 | 56.4 | 56.5 | 56.9 |
| ≥ 14000 | 25.2 | 47.2 | 49.9 | 51.9 | 54.9 | 55.4 | 56.1 | 56.6 | 56.9 | 57.1 | 57.1 | 57.1 | 57.2 | 57.3 | 57.4 | 57.8 |
| ≥ 12000 | 25.4 | 47.8 | 50.6 | 52.9 | 56.1 | 56.6 | 57.4 | 57.9 | 58.1 | 58.3 | 58.3 | 58.4 | 58.5 | 58.5 | 58.7 | 59.1 |
| ≥ 10000 | 26.1 | 49.8 | 52.8 | 55.3 | 58.5 | 59.0 | 60.0 | 60.5 | 60.8 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.4 | 61.8 |
| ≥ 9000 | 26.2 | 50.3 | 53.4 | 56.0 | 59.2 | 59.8 | 60.7 | 61.3 | 61.6 | 61.8 | 61.8 | 61.9 | 61.9 | 62.0 | 62.1 | 62.5 |
| ≥ 8000 | 26.8 | 52.6 | 55.7 | 58.4 | 61.6 | 62.2 | 63.2 | 63.8 | 64.1 | 64.3 | 64.3 | 64.4 | 64.5 | 64.5 | 64.6 | 65.1 |
| ≥ 7000 | 27.7 | 54.7 | 58.3 | 61.4 | 64.8 | 65.6 | 66.6 | 67.2 | 67.5 | 67.8 | 67.8 | 67.8 | 67.9 | 68.0 | 68.1 | 68.5 |
| ≥ 6000 | 28.2 | 56.2 | 59.9 | 63.2 | 66.8 | 67.6 | 68.7 | 69.3 | 69.7 | 69.9 | 69.9 | 70.0 | 70.1 | 70.1 | 70.3 | 70.7 |
| ≥ 5000 | 29.1 | 58.7 | 62.7 | 66.3 | 70.4 | 71.1 | 72.4 | 73.0 | 73.4 | 73.7 | 73.7 | 73.7 | 73.8 | 73.9 | 74.0 | 74.4 |
| ≥ 4500 | 29.2 | 59.7 | 63.9 | 67.7 | 71.9 | 72.7 | 74.0 | 74.6 | 75.0 | 75.3 | 75.3 | 75.3 | 75.4 | 75.5 | 75.6 | 76.0 |
| ≥ 4000 | 29.8 | 61.3 | 65.6 | 69.8 | 74.3 | 75.2 | 76.4 | 77.2 | 77.5 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.3 | 78.7 |
| ≥ 3500 | 30.2 | 62.2 | 66.7 | 70.9 | 75.5 | 76.5 | 77.7 | 78.4 | 78.8 | 79.2 | 79.2 | 79.3 | 79.4 | 79.4 | 79.6 | 80.0 |
| ≥ 3000 | 30.5 | 63.4 | 68.1 | 72.4 | 77.4 | 78.3 | 79.6 | 80.4 | 80.8 | 81.3 | 81.3 | 81.3 | 81.4 | 81.5 | 81.6 | 82.0 |
| ≥ 2500 | 30.7 | 64.2 | 68.9 | 73.5 | 78.6 | 79.6 | 80.8 | 81.6 | 82.0 | 82.5 | 82.5 | 82.5 | 82.6 | 82.7 | 82.9 | 83.3 |
| ≥ 2000 | 30.8 | 65.1 | 70.0 | 74.6 | 79.9 | 81.0 | 82.3 | 83.1 | 83.5 | 84.0 | 84.0 | 84.1 | 84.1 | 84.2 | 84.4 | 84.8 |
| ≥ 1800 | 30.8 | 65.1 | 70.1 | 74.9 | 80.3 | 81.5 | 82.7 | 83.6 | 83.9 | 84.4 | 84.5 | 84.5 | 84.6 | 84.7 | 84.8 | 85.2 |
| ≥ 1500 | 30.9 | 65.4 | 70.5 | 75.4 | 81.0 | 82.1 | 83.4 | 84.2 | 84.6 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.8 | 86.2 |
| ≥ 1200 | 30.9 | 65.6 | 70.8 | 76.0 | 81.7 | 82.9 | 84.2 | 85.0 | 85.4 | 86.1 | 86.2 | 86.2 | 86.3 | 86.4 | 86.6 | 87.0 |
| ≥ 1000 | 30.9 | 65.9 | 71.2 | 76.8 | 82.9 | 84.1 | 85.5 | 86.3 | 86.8 | 87.6 | 87.7 | 87.8 | 87.8 | 87.9 | 88.1 | 88.5 |
| ≥ 900 | 31.0 | 66.2 | 71.5 | 77.2 | 83.3 | 84.6 | 86.0 | 86.9 | 87.3 | 88.2 | 88.3 | 88.4 | 88.4 | 88.5 | 88.7 | 89.1 |
| ≥ 800 | 31.0 | 66.3 | 71.7 | 77.3 | 83.5 | 84.9 | 86.3 | 87.3 | 87.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.1 | 89.3 | 89.7 |
| ≥ 700 | 31.0 | 66.5 | 72.0 | 77.8 | 84.0 | 85.6 | 87.1 | 88.3 | 88.7 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 | 90.3 | 90.7 |
| ≥ 600 | 31.0 | 66.6 | 72.0 | 78.1 | 84.3 | 85.9 | 87.6 | 88.9 | 89.3 | 90.4 | 90.5 | 90.5 | 90.7 | 90.8 | 91.0 | 91.4 |
| ≥ 500 | 31.0 | 66.7 | 72.3 | 78.4 | 84.7 | 86.3 | 88.3 | 89.6 | 90.1 | 91.4 | 91.6 | 91.6 | 91.9 | 92.0 | 92.1 | 92.6 |
| ≥ 400 | 31.0 | 66.7 | 72.4 | 78.5 | 85.0 | 87.0 | 89.5 | 91.0 | 91.5 | 92.8 | 93.0 | 93.1 | 93.4 | 93.5 | 93.6 | 94.0 |
| ≥ 300 | 31.0 | 66.7 | 72.4 | 78.6 | 85.1 | 87.2 | 89.9 | 91.5 | 92.1 | 93.6 | 93.9 | 94.0 | 94.3 | 94.5 | 94.7 | 95.3 |
| ≥ 200 | 31.0 | 66.7 | 72.4 | 78.6 | 85.2 | 87.3 | 90.1 | 91.8 | 92.5 | 93.9 | 94.6 | 94.7 | 95.3 | 95.5 | 95.8 | 96.5 |
| ≥ 100 | 31.0 | 66.7 | 72.4 | 78.6 | 85.2 | 87.4 | 90.2 | 92.0 | 92.6 | 94.2 | 95.0 | 95.4 | 96.3 | 96.7 | 97.4 | 98.5 |
| ≥ 0 | 31.0 | 66.7 | 72.4 | 78.6 | 85.2 | 87.4 | 90.2 | 92.0 | 92.6 | 94.2 | 95.0 | 95.4 | 96.4 | 96.9 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2189

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (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 | ≥ 0 | ≥0 |
| NO CEILING | 20.3 | 36.8 | 39.7 | 42.1 | 44.1 | 44.4 | 45.2 | 46.0 | 46.1 | 46.3 | 46.5 | 46.5 | 46.7 | 46.8 | 46.8 | 47.1 |
| ≥ 20000 | 21.7 | 40.3 | 43.4 | 46.1 | 48.3 | 48.6 | 49.4 | 50.4 | 50.5 | 50.8 | 51.0 | 51.0 | 51.3 | 51.3 | 51.3 | 51.7 |
| ≥ 18000 | 21.7 | 40.4 | 43.5 | 46.2 | 48.5 | 48.7 | 49.6 | 50.6 | 50.7 | 51.0 | 51.1 | 51.2 | 51.4 | 51.5 | 51.5 | 51.8 |
| ≥ 16000 | 21.7 | 40.6 | 43.8 | 46.5 | 48.7 | 49.0 | 49.8 | 50.8 | 50.9 | 51.2 | 51.3 | 51.4 | 51.6 | 51.7 | 51.7 | 52.0 |
| ≥ 14000 | 21.9 | 41.5 | 44.7 | 47.5 | 49.8 | 50.2 | 51.1 | 52.1 | 52.2 | 52.5 | 52.7 | 52.7 | 52.9 | 53.0 | 53.0 | 53.4 |
| ≥ 12000 | 22.4 | 42.9 | 46.3 | 49.3 | 51.9 | 52.2 | 53.3 | 54.4 | 54.5 | 54.8 | 54.9 | 55.0 | 55.2 | 55.3 | 55.3 | 55.6 |
| ≥ 10000 | 23.3 | 45.7 | 49.3 | 52.4 | 55.0 | 55.5 | 56.6 | 57.7 | 57.9 | 58.2 | 58.4 | 58.5 | 58.8 | 58.9 | 58.9 | 59.3 |
| ≥ 9000 | 23.7 | 46.7 | 50.3 | 53.5 | 56.5 | 56.9 | 58.2 | 59.3 | 59.4 | 59.8 | 60.0 | 60.1 | 60.4 | 60.5 | 60.5 | 60.9 |
| ≥ 8000 | 24.5 | 48.6 | 52.6 | 55.9 | 58.9 | 59.4 | 60.8 | 61.9 | 62.1 | 62.4 | 62.6 | 62.7 | 63.0 | 63.1 | 63.1 | 63.6 |
| ≥ 7000 | 25.5 | 51.2 | 55.6 | 59.3 | 62.7 | 63.2 | 64.8 | 66.1 | 66.3 | 66.7 | 66.9 | 67.1 | 67.4 | 67.5 | 67.5 | 68.0 |
| ≥ 6000 | 26.4 | 53.0 | 57.6 | 61.4 | 65.2 | 65.8 | 67.6 | 68.8 | 69.0 | 69.5 | 69.8 | 69.9 | 70.3 | 70.4 | 70.4 | 70.9 |
| ≥ 5000 | 26.9 | 55.0 | 59.9 | 63.9 | 67.9 | 68.5 | 70.5 | 71.9 | 72.0 | 72.5 | 72.8 | 73.0 | 73.3 | 73.4 | 73.5 | 73.9 |
| ≥ 4500 | 27.2 | 56.1 | 61.2 | 65.3 | 69.3 | 70.0 | 72.0 | 73.3 | 73.5 | 74.0 | 74.3 | 74.5 | 74.8 | 74.9 | 75.0 | 75.5 |
| ≥ 4000 | 27.9 | 57.8 | 63.3 | 67.5 | 71.9 | 72.5 | 74.6 | 76.0 | 76.2 | 76.7 | 77.1 | 77.3 | 77.6 | 77.7 | 77.8 | 78.3 |
| ≥ 3500 | 28.2 | 58.7 | 64.3 | 68.5 | 73.1 | 73.8 | 75.8 | 77.2 | 77.5 | 78.1 | 78.5 | 78.7 | 79.0 | 79.1 | 79.2 | 79.6 |
| ≥ 3000 | 28.2 | 59.6 | 65.4 | 69.7 | 74.6 | 75.2 | 77.4 | 78.9 | 79.2 | 79.9 | 80.3 | 80.5 | 80.9 | 81.0 | 81.0 | 81.5 |
| ≥ 2500 | 28.4 | 60.3 | 66.1 | 70.6 | 75.8 | 76.6 | 78.9 | 80.5 | 80.8 | 81.5 | 81.9 | 82.0 | 82.4 | 82.5 | 82.6 | 83.1 |
| ≥ 2000 | 28.6 | 61.2 | 67.1 | 71.9 | 77.3 | 78.1 | 80.5 | 82.2 | 82.5 | 83.3 | 83.7 | 83.9 | 84.3 | 84.4 | 84.5 | 85.1 |
| ≥ 1800 | 28.6 | 61.3 | 67.3 | 72.1 | 77.6 | 78.3 | 80.8 | 82.5 | 82.8 | 83.5 | 84.0 | 84.1 | 84.7 | 84.7 | 84.9 | 85.4 |
| > 1500 | 28.8 | 61.7 | 67.8 | 72.7 | 78.4 | 79.2 | 81.7 | 83.5 | 83.9 | 84.6 | 85.1 | 85.2 | 85.8 | 85.9 | 86.0 | 86.6 |
| ≥ 1200 | 28.9 | 62.0 | 68.3 | 73.3 | 79.3 | 80.2 | 82.8 | 84.7 | 85.1 | 85.9 | 86.3 | 86.5 | 87.1 | 87.2 | 87.3 | 87.8 |
| ≥ 1000 | 28.9 | 62.1 | 68.6 | 73.6 | 79.5 | 80.6 | 83.2 | 85.2 | 85.7 | 86.6 | 87.1 | 87.3 | 87.8 | 87.9 | 88.0 | 88.6 |
| ≥ 900 | 28.9 | 62.3 | 68.7 | 73.7 | 79.7 | 80.8 | 83.5 | 85.5 | 86.0 | 86.9 | 87.4 | 87.6 | 88.1 | 88.2 | 88.4 | 88.9 |
| ≥ 800 | 29.0 | 62.4 | 68.9 | 74.0 | 79.9 | 81.0 | 83.8 | 85.8 | 86.4 | 87.4 | 87.9 | 88.1 | 88.7 | 88.8 | 88.9 | 89.5 |
| ≥ 700 | 29.0 | 62.5 | 69.1 | 74.3 | 80.3 | 81.4 | 84.1 | 86.2 | 86.9 | 87.9 | 88.6 | 88.8 | 89.4 | 89.4 | 89.6 | 90.1 |
| ≥ 600 | 29.0 | 62.8 | 69.4 | 74.6 | 80.9 | 81.9 | 84.9 | 87.1 | 87.7 | 88.9 | 89.7 | 89.9 | 90.5 | 90.6 | 90.8 | 91.3 |
| ≥ 500 | 29.0 | 62.8 | 69.4 | 74.6 | 81.0 | 82.1 | 85.3 | 87.5 | 88.2 | 89.6 | 90.5 | 90.7 | 91.5 | 91.6 | 91.8 | 92.3 |
| ≥ 400 | 29.0 | 62.9 | 69.5 | 74.9 | 81.4 | 82.6 | 86.1 | 88.4 | 89.1 | 90.6 | 91.6 | 91.9 | 92.7 | 92.9 | 93.1 | 93.6 |
| ≥ 300 | 29.0 | 63.0 | 69.7 | 75.2 | 81.7 | 83.0 | 86.5 | 89.2 | 90.0 | 91.7 | 92.9 | 93.2 | 94.3 | 94.5 | 94.8 | 95.4 |
| ≥ 200 | 29.0 | 63.0 | 69.7 | 75.2 | 81.6 | 83.1 | 86.6 | 89.4 | 90.4 | 92.2 | 93.6 | 94.0 | 95.3 | 95.6 | 96.1 | 96.8 |
| ≥ 100 | 29.0 | 63.0 | 69.7 | 75.2 | 81.8 | 83.1 | 86.6 | 89.4 | 90.4 | 92.3 | 93.9 | 94.4 | 95.9 | 96.3 | 96.9 | 98.4 |
| ≥ 0 | 29.0 | 63.0 | 69.7 | 75.2 | 81.8 | 83.1 | 86.6 | 89.4 | 90.4 | 92.3 | 94.0 | 94.4 | 96.1 | 96.4 | 97.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2189

USAF ETAC FORM NO. 64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 22.9 | 39.5 | 42.5 | 44.3 | 45.5 | 45.8 | 46.4 | 46.6 | 46.8 | 47.1 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 20000 | 25.2 | 44.7 | 48.3 | 50.3 | 51.8 | 52.2 | 52.8 | 53.4 | 53.4 | 53.7 | 53.7 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 18000 | 25.3 | 45.0 | 48.5 | 50.6 | 52.1 | 52.5 | 53.1 | 53.7 | 53.7 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.3 |
| ≥ 16000 | 25.6 | 45.7 | 49.3 | 51.4 | 52.9 | 53.3 | 53.9 | 54.5 | 54.5 | 54.8 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 |
| ≥ 14000 | 25.7 | 46.5 | 50.2 | 52.2 | 53.8 | 54.2 | 54.8 | 55.4 | 55.4 | 55.7 | 55.8 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 12000 | 26.4 | 48.5 | 52.6 | 54.9 | 56.6 | 57.0 | 57.6 | 58.3 | 58.3 | 58.6 | 58.6 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 |
| ≥ 10000 | 27.5 | 51.2 | 55.5 | 58.1 | 60.0 | 60.4 | 61.1 | 61.7 | 61.8 | 62.1 | 62.2 | 62.2 | 62.4 | 62.4 | 62.5 | 62.5 |
| ≥ 9000 | 27.9 | 52.5 | 56.9 | 59.6 | 61.7 | 62.1 | 62.8 | 63.5 | 63.6 | 63.8 | 64.0 | 64.0 | 64.2 | 64.2 | 64.3 | 64.3 |
| ≥ 8000 | 28.5 | 54.2 | 58.8 | 61.6 | 63.9 | 64.4 | 65.1 | 65.8 | 65.9 | 66.2 | 66.3 | 66.4 | 66.5 | 66.5 | 66.5 | 66.6 |
| ≥ 7000 | 29.0 | 56.1 | 60.9 | 63.9 | 66.6 | 67.2 | 68.0 | 68.8 | 68.9 | 69.2 | 69.3 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 |
| ≥ 6000 | 29.3 | 57.3 | 62.2 | 65.4 | 68.4 | 69.0 | 69.8 | 70.7 | 70.8 | 71.1 | 71.3 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 |
| ≥ 5000 | 29.9 | 59.1 | 64.4 | 67.7 | 70.9 | 71.5 | 72.3 | 73.4 | 73.4 | 73.7 | 73.9 | 73.9 | 74.1 | 74.1 | 74.2 | 74.2 |
| ≥ 4500 | 30.1 | 59.6 | 65.0 | 68.5 | 71.8 | 72.5 | 73.3 | 74.3 | 74.4 | 74.7 | 74.8 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 |
| ≥ 4000 | 30.9 | 61.2 | 67.0 | 70.5 | 74.0 | 74.8 | 75.7 | 77.1 | 77.1 | 77.4 | 77.6 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 |
| ≥ 3500 | 31.0 | 62.0 | 67.9 | 71.4 | 75.1 | 75.8 | 76.7 | 78.1 | 78.2 | 78.5 | 78.6 | 78.7 | 78.9 | 78.9 | 79.0 | 79.0 |
| ≥ 3000 | 31.5 | 63.6 | 69.6 | 73.2 | 77.0 | 77.7 | 78.7 | 80.2 | 80.3 | 80.5 | 80.7 | 80.8 | 81.0 | 81.0 | 81.1 | 81.1 |
| ≥ 2500 | 31.8 | 64.2 | 70.5 | 74.1 | 78.2 | 79.0 | 80.0 | 81.5 | 81.6 | 81.9 | 82.1 | 82.2 | 82.4 | 82.4 | 82.5 | 82.5 |
| ≥ 2000 | 31.9 | 64.6 | 70.9 | 74.8 | 79.1 | 80.0 | 81.1 | 82.8 | 82.9 | 83.3 | 83.5 | 83.6 | 83.8 | 83.9 | 83.9 | 83.9 |
| ≥ 1800 | 31.9 | 64.3 | 71.1 | 75.0 | 79.3 | 80.3 | 81.4 | 83.2 | 83.3 | 83.7 | 84.0 | 84.0 | 84.2 | 84.3 | 84.3 | 84.3 |
| ≥ 1500 | 32.2 | 65.4 | 71.8 | 75.7 | 80.2 | 81.3 | 82.5 | 84.3 | 84.5 | 84.9 | 85.2 | 85.3 | 85.5 | 85.6 | 85.6 | 85.6 |
| ≥ 1200 | 32.3 | 65.8 | 72.2 | 76.2 | 80.9 | 81.9 | 83.2 | 85.1 | 85.3 | 85.8 | 86.2 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 |
| ≥ 1000 | 32.3 | 66.1 | 72.5 | 76.6 | 81.3 | 82.6 | 84.2 | 86.3 | 86.5 | 87.0 | 87.5 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 |
| ≥ 900 | 32.4 | 66.2 | 72.8 | 76.9 | 81.6 | 82.9 | 84.5 | 86.7 | 87.0 | 87.5 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 |
| ≥ 800 | 32.4 | 66.2 | 72.8 | 77.1 | 81.9 | 83.3 | 85.0 | 87.2 | 87.6 | 88.1 | 88.8 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 |
| ≥ 700 | 32.4 | 66.4 | 72.9 | 77.2 | 82.2 | 83.7 | 85.5 | 87.8 | 88.1 | 88.8 | 89.5 | 89.7 | 89.9 | 90.0 | 90.1 | 90.1 |
| ≥ 600 | 32.4 | 66.5 | 73.1 | 77.7 | 83.0 | 84.5 | 86.4 | 88.8 | 89.2 | 89.9 | 90.7 | 91.0 | 91.3 | 91.5 | 91.6 | 91.6 |
| ≥ 500 | 32.4 | 66.5 | 73.2 | 77.9 | 83.5 | 85.1 | 87.2 | 90.1 | 90.5 | 91.2 | 92.2 | 92.5 | 92.9 | 93.3 | 93.3 | 93.3 |
| ≥ 400 | 32.4 | 66.6 | 73.3 | 78.0 | 83.6 | 85.3 | 87.7 | 90.7 | 91.3 | 92.1 | 93.4 | 93.7 | 94.5 | 95.0 | 95.1 | 95.1 |
| ≥ 300 | 32.4 | 66.6 | 73.4 | 78.1 | 83.7 | 85.5 | 88.1 | 91.2 | 92.0 | 93.1 | 94.4 | 94.8 | 95.8 | 96.3 | 96.5 | 96.6 |
| ≥ 200 | 32.4 | 66.6 | 73.4 | 78.1 | 83.7 | 85.5 | 88.1 | 91.5 | 92.3 | 93.6 | 95.1 | 95.7 | 96.7 | 97.3 | 97.5 | 97.7 |
| ≥ 100 | 32.4 | 66.6 | 73.4 | 78.1 | 83.7 | 85.5 | 88.1 | 91.5 | 92.4 | 93.7 | 95.3 | 95.9 | 97.3 | 98.2 | 98.6 | 99.4 |
| ≥ 0 | 32.4 | 66.6 | 73.4 | 78.1 | 83.7 | 85.5 | 88.1 | 91.5 | 92.4 | 93.7 | 95.3 | 95.9 | 97.3 | 98.2 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2188

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 25.6 | 40.8 | 42.9 | 44.2 | 44.9 | 45.0 | 45.3 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| ≥ 20000 | 29.8 | 48.3 | 50.8 | 52.4 | 53.2 | 53.4 | 53.6 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 18000 | 30.1 | 49.0 | 51.4 | 53.1 | 53.9 | 54.1 | 54.3 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 16000 | 30.6 | 49.7 | 52.2 | 53.8 | 54.6 | 54.8 | 55.1 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 14000 | 31.1 | 50.9 | 53.5 | 55.1 | 56.0 | 56.2 | 56.4 | 56.6 | 56.6 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 12000 | 31.9 | 52.9 | 55.7 | 57.5 | 58.5 | 58.7 | 59.0 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 10000 | 33.1 | 55.0 | 58.3 | 60.3 | 61.4 | 61.7 | 62.1 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 9000 | 33.4 | 55.8 | 59.1 | 61.4 | 62.6 | 62.9 | 63.2 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 8000 | 34.1 | 57.8 | 61.3 | 63.7 | 65.0 | 65.3 | 65.7 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 7000 | 34.5 | 59.2 | 63.1 | 65.8 | 67.2 | 67.6 | 68.0 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 6000 | 34.7 | 60.0 | 64.0 | 66.8 | 68.2 | 68.6 | 69.0 | 69.3 | 69.3 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 5000 | 35.1 | 61.8 | 66.2 | 69.1 | 70.7 | 71.1 | 71.5 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4500 | 35.3 | 62.2 | 66.6 | 69.6 | 71.3 | 71.7 | 72.1 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 4000 | 36.7 | 64.9 | 69.6 | 72.8 | 74.8 | 75.2 | 75.7 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 3500 | 37.4 | 66.3 | 71.1 | 74.6 | 76.7 | 77.2 | 77.8 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 3000 | 38.4 | 68.3 | 73.3 | 77.1 | 79.3 | 79.8 | 80.4 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 2500 | 38.9 | 69.5 | 74.6 | 78.5 | 80.9 | 81.5 | 82.1 | 82.7 | 82.7 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 2000 | 38.9 | 70.1 | 75.5 | 79.5 | 81.9 | 82.5 | 83.2 | 83.8 | 83.8 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 1800 | 38.9 | 70.2 | 75.6 | 79.6 | 82.2 | 82.8 | 83.5 | 84.1 | 84.1 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1500 | 38.9 | 71.1 | 76.7 | 81.2 | 84.0 | 84.6 | 85.4 | 86.0 | 86.2 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1200 | 38.9 | 71.3 | 77.1 | 81.8 | 84.9 | 85.6 | 86.7 | 87.4 | 87.5 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1000 | 38.9 | 71.4 | 77.3 | 82.3 | 85.7 | 86.5 | 87.7 | 88.4 | 88.6 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 |
| ≥ 900 | 39.0 | 71.4 | 77.5 | 82.7 | 86.0 | 87.0 | 88.2 | 89.0 | 89.3 | 89.7 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 800 | 39.0 | 71.4 | 77.6 | 82.9 | 86.4 | 87.5 | 88.8 | 89.7 | 90.1 | 90.6 | 90.7 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 700 | 39.0 | 71.5 | 77.8 | 83.2 | 86.9 | 88.0 | 89.3 | 90.3 | 90.7 | 91.2 | 91.3 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 600 | 39.0 | 71.6 | 77.9 | 83.6 | 87.5 | 88.7 | 90.3 | 91.6 | 92.1 | 92.7 | 92.8 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 500 | 39.0 | 71.7 | 78.2 | 84.1 | 88.2 | 89.5 | 91.4 | 92.9 | 93.4 | 94.3 | 94.6 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 400 | 39.0 | 71.7 | 78.2 | 84.2 | 88.3 | 89.7 | 91.7 | 93.5 | 94.0 | 95.1 | 95.6 | 95.7 | 96.4 | 96.5 | 96.5 | 96.5 |
| ≥ 300 | 39.0 | 71.7 | 78.2 | 84.2 | 88.4 | 89.7 | 91.9 | 93.9 | 94.5 | 95.7 | 96.3 | 96.6 | 97.4 | 97.5 | 97.6 | 97.6 |
| ≥ 200 | 39.0 | 71.7 | 78.2 | 84.2 | 88.4 | 89.7 | 91.9 | 94.1 | 94.9 | 96.3 | 97.2 | 97.5 | 98.4 | 98.7 | 98.8 | 98.9 |
| ≥ 100 | 39.0 | 71.7 | 78.2 | 84.2 | 88.4 | 89.7 | 91.9 | 94.1 | 94.9 | 96.3 | 97.3 | 97.8 | 98.8 | 99.2 | 99.5 | 99.7 |
| 0 | 39.0 | 71.7 | 78.2 | 84.2 | 88.4 | 89.7 | 91.9 | 94.1 | 94.9 | 96.3 | 97.3 | 97.8 | 98.8 | 99.2 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2185

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.8 | 42.8 | 44.8 | 45.9 | 46.2 | 46.3 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 20000 | 29.8 | 49.5 | 52.2 | 53.6 | 54.2 | 54.3 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 18000 | 30.1 | 50.0 | 52.7 | 54.1 | 54.6 | 54.6 | 54.8 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 16000 | 30.4 | 50.3 | 53.2 | 54.6 | 55.3 | 55.4 | 55.5 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 14000 | 31.4 | 52.3 | 55.3 | 56.8 | 57.5 | 57.6 | 57.7 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 12000 | 32.2 | 54.5 | 57.8 | 59.5 | 60.2 | 60.4 | 60.5 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 10000 | 33.3 | 57.1 | 60.5 | 62.4 | 63.3 | 63.4 | 63.5 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 9000 | 33.9 | 58.2 | 61.8 | 63.8 | 64.7 | 64.9 | 65.0 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 8000 | 34.7 | 60.1 | 63.8 | 66.0 | 67.1 | 67.2 | 67.3 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 7000 | 35.2 | 62.4 | 66.3 | 68.7 | 69.9 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 |
| ≥ 6000 | 35.6 | 63.5 | 67.7 | 70.2 | 71.5 | 71.7 | 71.7 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 5000 | 36.1 | 65.2 | 69.5 | 72.6 | 74.0 | 74.2 | 74.4 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 4500 | 36.6 | 66.1 | 70.5 | 73.7 | 75.3 | 75.5 | 75.7 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4000 | 37.4 | 68.0 | 72.6 | 76.0 | 77.7 | 78.0 | 78.2 | 78.5 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 3500 | 37.9 | 69.3 | 74.0 | 77.3 | 79.1 | 79.3 | 79.7 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 3000 | 38.3 | 70.7 | 75.8 | 79.4 | 81.3 | 81.7 | 81.9 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 |
| ≥ 2500 | 38.6 | 71.4 | 76.7 | 80.3 | 82.4 | 82.8 | 83.0 | 83.3 | 83.5 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 2000 | 38.7 | 71.6 | 77.1 | 80.9 | 83.3 | 83.8 | 84.1 | 84.5 | 84.8 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 1800 | 38.7 | 71.8 | 77.4 | 81.2 | 83.7 | 84.1 | 84.4 | 84.9 | 85.2 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1500 | 38.7 | 72.1 | 77.8 | 81.7 | 84.4 | 85.1 | 85.6 | 86.1 | 86.5 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 |
| ≥ 1200 | 38.7 | 72.4 | 78.3 | 82.5 | 85.4 | 86.1 | 86.8 | 87.4 | 87.7 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 1000 | 38.7 | 72.7 | 78.5 | 83.1 | 86.2 | 87.0 | 87.9 | 88.5 | 88.8 | 89.4 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.8 |
| ≥ 900 | 38.7 | 72.7 | 78.6 | 83.3 | 86.4 | 87.3 | 88.3 | 88.9 | 89.3 | 89.9 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 800 | 38.7 | 72.7 | 78.7 | 83.4 | 86.7 | 87.9 | 88.8 | 89.6 | 90.1 | 90.7 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 700 | 38.7 | 72.8 | 78.9 | 83.8 | 87.1 | 88.2 | 89.2 | 90.0 | 90.6 | 91.2 | 91.4 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 600 | 38.7 | 72.9 | 79.1 | 84.0 | 87.6 | 88.8 | 89.9 | 90.8 | 91.4 | 92.1 | 92.5 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 |
| ≥ 500 | 38.7 | 72.9 | 79.2 | 84.5 | 88.2 | 89.7 | 91.1 | 92.0 | 92.9 | 94.1 | 94.6 | 94.9 | 95.2 | 95.3 | 95.4 | 95.4 |
| ≥ 400 | 38.7 | 72.9 | 79.2 | 84.5 | 88.3 | 89.3 | 91.4 | 92.5 | 93.4 | 94.6 | 95.4 | 95.7 | 96.2 | 96.2 | 96.3 | 96.4 |
| ≥ 300 | 38.7 | 73.0 | 79.3 | 84.6 | 88.4 | 89.8 | 91.6 | 93.0 | 94.1 | 95.6 | 96.5 | 97.0 | 97.6 | 97.7 | 97.8 | 97.9 |
| ≥ 200 | 38.7 | 73.0 | 79.3 | 84.6 | 88.5 | 89.9 | 91.7 | 93.2 | 94.3 | 96.0 | 96.9 | 97.5 | 98.2 | 98.4 | 98.7 | 98.8 |
| ≥ 100 | 38.7 | 73.0 | 79.3 | 84.6 | 88.5 | 89.9 | 91.7 | 93.3 | 94.5 | 96.1 | 97.1 | 97.7 | 98.5 | 98.9 | 99.2 | 99.4 |
| ≥ 0 | 38.7 | 73.0 | 79.3 | 84.6 | 88.5 | 89.9 | 91.7 | 93.3 | 94.9 | 96.1 | 97.2 | 97.8 | 98.6 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2166

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥7 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 16 | ≥⅛ | ≥0 |
| NO CEILING | 25.0 | 45.2 | 48.1 | 50.2 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | [illegible] | 51.9 |
| ≥ 20000 | 26.7 | 49.5 | 52.7 | 55.3 | 56.9 | 57.0 | 57.1 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.2 | 57.3 | 57.3 | 57.4 |
| ≥ 18000 | 27.0 | 49.7 | 53.0 | 55.5 | 57.2 | 57.3 | 57.3 | 57.4 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 16000 | 27.0 | 50.0 | 53.4 | 55.9 | 57.6 | 57.7 | 57.9 | 57.9 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 |
| ≥ 14000 | 27.5 | 51.1 | 54.5 | 57.1 | 59.0 | 59.1 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 |
| ≥ 12000 | 27.8 | 52.5 | 56.1 | 58.8 | 61.1 | 61.2 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 |
| ≥ 10000 | 28.5 | 54.3 | 58.3 | 61.3 | 63.8 | 63.8 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 9000 | 28.8 | 55.0 | 59.2 | 62.2 | 64.8 | 64.9 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 |
| ≥ 8000 | 29.5 | 57.2 | 61.6 | 64.8 | 67.4 | 67.6 | 67.8 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 7000 | 29.6 | 59.1 | 64.1 | 67.3 | 70.0 | 70.3 | 70.5 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 |
| ≥ 6000 | 30.2 | 60.9 | 65.9 | 69.2 | 72.1 | 72.3 | 72.6 | 72.6 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 |
| ≥ 5000 | 31.0 | 63.4 | 68.5 | 71.9 | 73.1 | 75.3 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 4500 | 31.3 | 64.2 | 69.4 | 72.9 | 75.0 | 76.3 | 76.6 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 |
| ≥ 4000 | 31.5 | 65.5 | 71.1 | 74.6 | 77.8 | 78.1 | 78.4 | 78.5 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 |
| ≥ 3500 | 32.0 | 66.5 | 72.2 | 75.8 | 79.1 | 79.4 | 79.7 | 79.8 | 80.0 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 |
| ≥ 3000 | 32.3 | 67.6 | 73.7 | 77.6 | 81.0 | 81.3 | 81.7 | 81.9 | 82.1 | 82.1 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 |
| ≥ 2500 | 32.3 | 68.0 | 74.1 | 78.2 | 82.1 | 82.4 | 82.7 | 82.9 | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.6 | 83.7 |
| ≥ 2000 | 32.4 | 68.6 | 74.8 | 79.1 | 83.1 | 83.5 | 83.9 | 84.2 | 84.5 | 84.8 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85 |
| ≥ 1800 | 32.4 | 68.7 | 75.0 | 79.3 | 83.3 | 83.8 | 84.2 | 84.4 | 84.8 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 |
| ≥ 1500 | 32.4 | 69.0 | 75.4 | 79.9 | 84.0 | 84.6 | 85.3 | 85.6 | 86.0 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 |
| ≥ 1200 | 32.4 | 69.2 | 75.7 | 80.7 | 85.1 | 85.7 | 86.5 | 86.9 | 87.4 | 87.7 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 |
| ≥ 1000 | 32.4 | 69.6 | 76.1 | 81.4 | 86.0 | 86.6 | 87.6 | 88.1 | 88.7 | 89.2 | 89.4 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 |
| ≥ 900 | 32.4 | 69.6 | 76.2 | 81.5 | 86.1 | 86.8 | 87.9 | 88.5 | 89.1 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.2 |
| ≥ 800 | 32.4 | 69.7 | 76.3 | 81.8 | 86.4 | 87.2 | 88.4 | 89.0 | 89.7 | 90.3 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 |
| ≥ 700 | 32.4 | 69.7 | 76.3 | 82.0 | 86.7 | 87.6 | 88.8 | 89.6 | 90.3 | 91.2 | 91.5 | 91.6 | 91.6 | 91.7 | 91.7 | 91.8 |
| ≥ 600 | 32.4 | 69.7 | 76.4 | 82.2 | 87.0 | 88.1 | 89.5 | 90.4 | 91.3 | 92.3 | 92.6 | 92.8 | 92.8 | 92.9 | 93.0 | 93.0 |
| ≥ 500 | 32.4 | 69.8 | 76.6 | 82.5 | 87.5 | 88.6 | 90.2 | 91.3 | 92.2 | 93.5 | 94.1 | 94.3 | 94.5 | 94.7 | 94.8 | 94.8 |
| ≥ 400 | 32.4 | 69.9 | 76.7 | 82.6 | 87.6 | 88.7 | 90.4 | 91.7 | 92.6 | 94.1 | 94.8 | 95.1 | 95.5 | 95.7 | 95.7 | 95.8 |
| ≥ 300 | 32.4 | 69.9 | 76.7 | 82.6 | 87.7 | 89.0 | 90.9 | 92.4 | 93.5 | 95.4 | 96.3 | 96.6 | 97.1 | 97.3 | 97.3 | 97.4 |
| ≥ 200 | 32.4 | 69.9 | 76.7 | 82.6 | 87.8 | 89.0 | 91.0 | 92.5 | 93.7 | 95.7 | 96.9 | 97.3 | 97.9 | 98.3 | 98.4 | 98.5 |
| ≥ 100 | 32.4 | 69.9 | 76.7 | 82.6 | 87.8 | 89.0 | 91.0 | 92.6 | 93.8 | 95.8 | 97.2 | 97.8 | 98.5 | 98.9 | 99.2 | 99.4 |
| ≥ 0 | 32.4 | 69.9 | 76.7 | 82.6 | 87.8 | 89.0 | 91.0 | 92.6 | 93.8 | 95.8 | 97.2 | 97.8 | 98.5 | 99.0 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2185

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 23.1 | 45.0 | 48.7 | 50.9 | 52.4 | 52.6 | 52.9 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.4 |
| ≥ 20000 | 24.6 | 48.7 | 52.5 | 54.9 | 56.6 | 56.8 | 57.2 | 57.3 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.7 | 57.9 |
| ≥ 18000 | 24.7 | 48.9 | 52.7 | 55.1 | 56.8 | 57.0 | 57.4 | 57.5 | 57.5 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 58.1 |
| ≥ 16000 | 24.7 | 48.9 | 52.7 | 55.1 | 56.8 | 57.0 | 57.4 | 57.5 | 57.5 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.9 | 58.1 |
| ≥ 14000 | 25.2 | 49.9 | 53.8 | 56.2 | 58.1 | 58.2 | 58.7 | 58.7 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.3 |
| ≥ 12000 | 25.6 | 51.5 | 55.6 | 58.1 | 60.4 | 60.6 | 61.0 | 61.1 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.7 |
| ≥ 10000 | 26.2 | 53.3 | 57.8 | 60.3 | 62.8 | 63.0 | 63.5 | 63.5 | 63.6 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.2 |
| ≥ 9000 | 26.5 | 54.2 | 58.7 | 61.3 | 63.8 | 64.0 | 64.6 | 64.6 | 64.6 | 64.8 | 64.9 | 64.9 | 65.0 | 65.0 | 65.1 | 65.3 |
| ≥ 8000 | 27.4 | 56.6 | 61.3 | 64.0 | 66.6 | 66.7 | 67.3 | 67.4 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 | 68.0 |
| ≥ 7000 | 28.0 | 58.8 | 64.1 | 67.1 | 69.8 | 70.0 | 70.6 | 70.7 | 70.7 | 7 .9 | 71.0 | 71.0 | 71.1 | 71.2 | 71.2 | 71.5 |
| ≥ 6000 | 28.5 | 60.5 | 66.0 | 69.1 | 71.8 | 72.0 | 72.6 | 72.7 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.2 | 73.5 |
| ≥ 5000 | 29.1 | 62.3 | 68.1 | 71.4 | 74.3 | 74.5 | 75.1 | 75.2 | 75.2 | 75.4 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 76.0 |
| ≥ 4500 | 29.2 | 63.1 | 69.0 | 72.5 | 75.4 | 75.6 | 76.2 | 76.3 | 76.3 | 76.5 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 | 77.1 |
| ≥ 4000 | 29.7 | 64.5 | 70.6 | 74.2 | 77.3 | 77.5 | 78.2 | 78.3 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.9 | 79.0 | 79.3 |
| ≥ 3500 | 30.0 | 65.1 | 71.4 | 75.1 | 78.4 | 78.6 | 79.3 | 79.4 | 79.4 | 79.8 | 79.9 | 79.9 | 79.9 | 80.0 | 80.1 | 80.4 |
| ≥ 3000 | 30.2 | 66.1 | 72.6 | 76.5 | 79.9 | 80.2 | 81.0 | 81.1 | 81.1 | 81.4 | 81.5 | 81.6 | 81.6 | 81.7 | 81.8 | 82.0 |
| ≥ 2500 | 30.3 | 66.7 | 73.2 | 77.2 | 80.6 | 81.0 | 81.9 | 82.0 | 82.1 | 82.4 | 82.5 | 82.6 | 82.6 | 82.7 | 82.8 | 83.1 |
| ≥ 2000 | 30.3 | 67.2 | 74.1 | 78.4 | 82.3 | 82.5 | 83.4 | 83.6 | 83.7 | 84.1 | 84.2 | 84.3 | 84.3 | 84.4 | 84.5 | 84.7 |
| ≥ 1800 | 30.5 | 67.7 | 74.6 | 78.9 | 82.9 | 83.1 | 84.1 | 84.3 | 84.4 | 84.7 | 85.0 | 85.0 | 85.1 | 85.2 | 85.2 | 85.5 |
| ≥ 1500 | 30.5 | 68.0 | 75.0 | 79.4 | 83.6 | 84.0 | 85.2 | 85.4 | 85.5 | 85.9 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 | 86.7 |
| ≥ 1200 | 30.6 | 68.3 | 75.3 | 79.9 | 84.3 | 84.7 | 85.8 | 86.1 | 86.2 | 86.6 | 86.8 | 86.9 | 87.0 | 87.1 | 87.1 | 87.4 |
| ≥ 1000 | 30.6 | 68.6 | 75.7 | 80.5 | 85.5 | 86.0 | 87.3 | 87.7 | 87.8 | 88.4 | 88.6 | 88.7 | 88.8 | 88.9 | 88.9 | 89.2 |
| ≥ 900 | 30.6 | 68.7 | 75.8 | 80.6 | 85.7 | 86.2 | 87.6 | 88.0 | 88.1 | 88.8 | 89.1 | 89.2 | 89.3 | 89.4 | 89.4 | 89.7 |
| ≥ 800 | 30.6 | 68.9 | 76.1 | 81.0 | 86.2 | 86.8 | 88.5 | 89.0 | 89.1 | 89.9 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 90.9 |
| ≥ 700 | 30.6 | 68.9 | 76.3 | 81.3 | 86.7 | 87.3 | 89.1 | 89.8 | 89.9 | 90.7 | 91.2 | 91.3 | 91.4 | 91.5 | 91.5 | 91.8 |
| ≥ 600 | 30.6 | 69.2 | 76.7 | 81.7 | 87.3 | 88.0 | 89.8 | 90.7 | 91.0 | 91.7 | 92.3 | 92.4 | 92.5 | 92.6 | 92.6 | 92.9 |
| ≥ 500 | 30.6 | 69.3 | 76.7 | 82.0 | 87.8 | 88.7 | 90.6 | 91.6 | 91.9 | 93.0 | 93.7 | 93.8 | 94.0 | 94.1 | 94.1 | 94.4 |
| ≥ 400 | 30.6 | 69.3 | 76.7 | 82.2 | 88.0 | 89.1 | 91.1 | 92.4 | 92.7 | 94.2 | 94.9 | 95.1 | 95.3 | 95.4 | 95.5 | 95.8 |
| ≥ 300 | 30.6 | 69.3 | 76.8 | 82.3 | 88.1 | 89.3 | 91.5 | 93.0 | 93.3 | 94.9 | 95.9 | 96.1 | 96.4 | 96.5 | 96.6 | 96.8 |
| ≥ 200 | 30.6 | 69.3 | 76.8 | 82.3 | 88.1 | 89.3 | 91.6 | 93.4 | 93.8 | 95.6 | 96.8 | 97.0 | 97.4 | 97.6 | 97.7 | 98.0 |
| ≥ 100 | 30.6 | 69.3 | 76.8 | 82.3 | 88.1 | 89.3 | 91.6 | 93.4 | 93.8 | 95.2 | 97.1 | 97.3 | 97.8 | 98.0 | 98.3 | 98.7 |
| ≥ 0 | 30.6 | 69.3 | 76.8 | 82.3 | 88.1 | 89.3 | 91.6 | 93.4 | 93.8 | 95.8 | 97.1 | 97.4 | 97.9 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS... 2189

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE, MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46, 51-72 (YEARS) MAR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS L.T.)

| CEILING (FEET) | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 27.4 | 47.4 | 49.4 | 51.6 | 53.4 | 53.6 | 53.7 | 53.8 | 53.9 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.4 | 54.4 |
| ≥ 20000 | 29.1 | 50.9 | 53.0 | 55.4 | 57.2 | 57.4 | 57.6 | 57.7 | 57.8 | 58.0 | 58.0 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 |
| ≥ 18000 | 29.2 | 51.2 | 53.3 | 55.7 | 57.5 | 57.7 | 57.9 | 58.0 | 58.1 | 58.3 | 58.3 | 58.4 | 58.5 | 58.5 | 58.6 | 58.6 |
| ≥ 16000 | 29.2 | 51.4 | 53.4 | 55.8 | 57.7 | 57.8 | 58.0 | 58.1 | 58.2 | 58.5 | 58.5 | 58.5 | 58.6 | 58.7 | 58.7 | 58.8 |
| ≥ 14000 | 29.5 | 52.1 | 54.2 | 56.6 | 58.5 | 58.7 | 58.9 | 59.0 | 59.1 | 59.3 | 59.3 | 59.4 | 59.5 | 59.5 | 59.6 | 59.7 |
| ≥ 12000 | 29.9 | 53.1 | 55.3 | 57.8 | 60.0 | 60.1 | 60.3 | 60.4 | 60.5 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 |
| ≥ 10000 | 30.5 | 54.7 | 57.0 | 59.7 | 62.0 | 62.2 | 62.4 | 62.5 | 62.6 | 62.8 | 62.8 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 |
| ≥ 9000 | 30.8 | 55.6 | 58.1 | 60.9 | 63.2 | 63.4 | 63.6 | 63.7 | 63.8 | 64.0 | 64.0 | 64.1 | 64.2 | 64.2 | 64.3 | 64.4 |
| ≥ 8000 | 32.0 | 58.3 | 60.9 | 63.7 | 66.3 | 66.4 | 66.7 | 66.8 | 66.9 | 67.1 | 67.1 | 67.2 | 67.3 | 67.3 | 67.4 | 67.5 |
| ≥ 7000 | 33.1 | 60.6 | 63.6 | 66.6 | 69.6 | 69.8 | 70.0 | 70.1 | 70.3 | 70.5 | 70.5 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 |
| ≥ 6000 | 33.8 | 62.1 | 65.1 | 68.2 | 71.4 | 71.7 | 72.0 | 72.1 | 72.2 | 72.5 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 | 72.8 |
| ≥ 5000 | 34.4 | 64.3 | 67.5 | 70.7 | 74.0 | 74.3 | 74.7 | 74.8 | 74.9 | 75.3 | 75.3 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 |
| ≥ 4500 | 34.4 | 64.6 | 68.1 | 71.3 | 74.6 | 74.9 | 75.4 | 75.5 | 75.6 | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 | 76.3 | 76.3 |
| ≥ 4000 | 34.6 | 66.1 | 69.7 | 73.0 | 76.5 | 76.8 | 77.2 | 77.4 | 77.5 | 77.9 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.2 |
| ≥ 3500 | 35.2 | 67.4 | 71.2 | 74.6 | 78.1 | 78.4 | 79.0 | 79.1 | 79.2 | 79.6 | 79.6 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 3000 | 35.4 | 68.3 | 72.2 | 75.8 | 79.4 | 79.7 | 80.3 | 80.4 | 80.6 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.3 |
| ≥ 2500 | 35.6 | 69.3 | 73.3 | 77.1 | 80.8 | 81.2 | 81.8 | 81.9 | 82.0 | 82.4 | 82.4 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 2000 | 35.6 | 69.8 | 73.9 | 77.7 | 81.6 | 82.1 | 82.7 | 82.9 | 83.0 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.7 | 83.8 |
| ≥ 1800 | 35.7 | 69.9 | 74.0 | 77.9 | 81.9 | 82.4 | 83.0 | 83.2 | 83.3 | 83.7 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 |
| ≥ 1500 | 35.7 | 70.0 | 74.2 | 78.1 | 82.2 | 82.7 | 83.4 | 83.7 | 83.9 | 84.3 | 84.3 | 84.3 | 84.5 | 84.5 | 84.6 | 84.6 |
| ≥ 1200 | 35.7 | 70.5 | 74.7 | 78.7 | 83.0 | 83.6 | 84.3 | 84.7 | 84.9 | 85.3 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 85.7 |
| ≥ 1000 | 35.7 | 70.7 | 75.1 | 79.4 | 84.0 | 84.6 | 85.5 | 85.9 | 86.1 | 86.7 | 86.9 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 |
| ≥ 900 | 35.7 | 70.9 | 75.4 | 79.7 | 84.3 | 84.9 | 85.9 | 86.3 | 86.5 | 87.2 | 87.3 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 |
| ≥ 800 | 35.8 | 71.1 | 75.9 | 80.4 | 85.1 | 85.7 | 86.8 | 87.2 | 87.6 | 88.2 | 88.5 | 88.5 | 88.7 | 88.7 | 88.8 | 88.9 |
| ≥ 700 | 35.8 | 71.4 | 76.3 | 80.8 | 85.7 | 86.4 | 87.7 | 88.3 | 88.6 | 89.3 | 89.9 | 90.0 | 90.2 | 90.2 | 90.3 | 90.4 |
| ≥ 600 | 35.8 | 71.7 | 76.8 | 81.7 | 86.8 | 87.5 | 88.9 | 89.7 | 90.1 | 90.9 | 91.4 | 91.6 | 91.7 | 91.8 | 91.9 | 91.9 |
| ≥ 500 | 35.8 | 71.9 | 77.1 | 82.3 | 87.8 | 88.7 | 90.4 | 91.3 | 91.7 | 92.6 | 93.2 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 |
| ≥ 400 | 35.8 | 72.0 | 77.4 | 82.7 | 88.3 | 89.3 | 91.1 | 92.1 | 92.6 | 93.5 | 94.3 | 94.7 | 94.9 | 95.0 | 95.1 | 95.1 |
| ≥ 300 | 35.8 | 72.0 | 77.4 | 82.8 | 88.4 | 89.4 | 91.4 | 92.7 | 93.2 | 94.2 | 95.4 | 95.9 | 96.2 | 96.3 | 96.3 | 96.4 |
| ≥ 200 | 35.8 | 72.0 | 77.4 | 82.8 | 88.4 | 89.5 | 91.6 | 93.0 | 93.5 | 94.6 | 96.0 | 96.5 | 97.0 | 97.1 | 97.2 | 97.2 |
| ≥ 100 | 35.8 | 72.0 | 77.4 | 82.8 | 88.4 | 89.5 | 91.6 | 93.1 | 93.7 | 94.8 | 96.3 | 97.1 | 97.9 | 98.0 | 98.7 | 99.1 |
| ≥ 0 | 35.8 | 72.0 | 77.4 | 82.8 | 88.4 | 89.5 | 91.6 | 93.1 | 93.7 | 94.8 | 96.3 | 97.1 | 97.9 | 98.1 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 25.3 | 46.1 | 48.0 | 50.4 | 51.9 | 52.1 | 52.6 | 52.9 | 53.1 | 53.1 | 53.3 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 |
| ≥ 20000 | 26.8 | 48.4 | 50.4 | 53.1 | 54.6 | 54.8 | 55.2 | 55.6 | 55.9 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.4 | 56.4 |
| ≥ 18000 | 26.8 | 48.7 | 50.6 | 53.3 | 54.8 | 55.0 | 55.4 | 55.8 | 56.1 | 56.1 | 56.2 | 56.3 | 56.5 | 56.5 | 56.6 | 56.6 |
| ≥ 16000 | 26.9 | 48.9 | 50.9 | 53.6 | 55.1 | 55.3 | 55.7 | 56.1 | 56.4 | 56.4 | 56.5 | 56.6 | 56.7 | 56.8 | 56.9 | 56.9 |
| ≥ 14000 | 27.1 | 49.6 | 51.7 | 54.5 | 56.1 | 56.2 | 56.7 | 57.1 | 57.4 | 57.4 | 57.5 | 57.6 | 57.7 | 57.8 | 57.9 | 57.9 |
| ≥ 12000 | 27.6 | 50.5 | 52.7 | 55.6 | 57.4 | 57.5 | 58.0 | 58.4 | 58.7 | 58.7 | 58.9 | 58.9 | 59.1 | 59.1 | 59.2 | 59.2 |
| ≥ 10000 | 28.1 | 51.8 | 54.1 | 57.3 | 59.5 | 59.7 | 60.1 | 60.6 | 60.8 | 60.9 | 61.0 | 61.1 | 61.2 | 61.2 | 61.3 | 61.4 |
| ≥ 9000 | 28.4 | 52.6 | 55.0 | 58.3 | 60.5 | 60.6 | 61.1 | 61.6 | 61.8 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 |
| ≥ 8000 | 29.6 | 54.9 | 57.4 | 60.6 | 63.0 | 63.2 | 63.6 | 64.1 | 64.3 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 64.8 | 64.9 |
| ≥ 7000 | 30.3 | 57.2 | 59.9 | 63.4 | 66.1 | 66.4 | 67.0 | 67.5 | 67.7 | 67.7 | 67.9 | 68.0 | 68.1 | 68.1 | 68.2 | 68.2 |
| ≥ 6000 | 31.0 | 59.4 | 62.2 | 65.9 | 68.7 | 69.0 | 69.7 | 70.1 | 70.4 | 70.4 | 70.5 | 70.6 | 70.7 | 70.8 | 70.9 | 70.9 |
| ≥ 5000 | 31.6 | 61.5 | 64.6 | 68.7 | 71.8 | 72.0 | 72.8 | 73.3 | 73.5 | 73.6 | 73.8 | 73.8 | 74.0 | 74.0 | 74.1 | 74.1 |
| ≥ 4500 | 31.7 | 62.3 | 65.5 | 69.8 | 72.9 | 73.2 | 74.0 | 74.5 | 74.7 | 74.8 | 75.0 | 75.1 | 75.2 | 75.2 | 75.3 | 75.3 |
| ≥ 4000 | 31.8 | 63.1 | 66.7 | 71.2 | 74.5 | 74.7 | 75.5 | 76.0 | 76.3 | 76.4 | 76.5 | 76.6 | 76.7 | 76.8 | 76.8 | 76.9 |
| ≥ 3500 | 32.3 | 64.0 | 67.7 | 72.3 | 75.6 | 75.9 | 76.8 | 77.3 | 77.6 | 77.7 | 77.8 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 |
| ≥ 3000 | 32.3 | 65.0 | 68.9 | 73.6 | 77.1 | 77.5 | 78.5 | 79.1 | 79.3 | 79.5 | 79.6 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 |
| ≥ 2500 | 32.6 | 66.0 | 69.9 | 74.9 | 78.7 | 79.1 | 80.3 | 80.9 | 81.2 | 81.4 | 81.5 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 |
| ≥ 2000 | 32.7 | 67.0 | 71.1 | 76.4 | 80.2 | 80.7 | 81.9 | 82.6 | 82.9 | 83.1 | 83.3 | 83.4 | 83.6 | 83.6 | 83.7 | 83.7 |
| ≥ 1800 | 32.7 | 67.1 | 71.3 | 76.6 | 80.5 | 81.0 | 82.2 | 82.9 | 83.2 | 83.4 | 83.6 | 83.7 | 83.9 | 83.9 | 84.0 | 84.0 |
| ≥ 1500 | 32.7 | 67.3 | 71.5 | 76.9 | 80.9 | 81.4 | 82.7 | 83.4 | 83.8 | 84.1 | 84.3 | 84.4 | 84.5 | 84.6 | 84.6 | 84.7 |
| ≥ 1200 | 32.7 | 67.6 | 72.0 | 77.6 | 81.8 | 82.3 | 83.8 | 84.6 | 85.0 | 85.3 | 85.6 | 85.6 | 85.8 | 85.8 | 85.9 | 86.0 |
| ≥ 1000 | 33.0 | 68.2 | 72.9 | 78.8 | 83.2 | 83.9 | 85.4 | 86.3 | 86.7 | 87.2 | 87.5 | 87.7 | 87.8 | 87.9 | 88.0 | 88.0 |
| ≥ 900 | 33.0 | 68.3 | 73.1 | 79.2 | 83.6 | 84.3 | 85.8 | 86.8 | 87.3 | 87.8 | 88.3 | 88.4 | 88.5 | 88.6 | 88.7 | 88.8 |
| ≥ 800 | 33.0 | 68.4 | 73.3 | 79.4 | 84.0 | 84.6 | 86.2 | 87.3 | 87.8 | 88.3 | 88.7 | 88.8 | 89.0 | 89.0 | 89.1 | 89.2 |
| ≥ 700 | 33.0 | 68.6 | 73.5 | 79.8 | 84.5 | 85.3 | 86.8 | 87.9 | 88.4 | 89.0 | 89.7 | 89.8 | 90.0 | 90.0 | 90.1 | 90.2 |
| ≥ 600 | 33.1 | 68.7 | 73.7 | 80.1 | 85.1 | 85.9 | 87.6 | 88.7 | 89.2 | 89.9 | 90.6 | 90.7 | 90.9 | 90.9 | 91.0 | 91.1 |
| ≥ 500 | 33.1 | 68.7 | 73.8 | 80.4 | 85.8 | 86.8 | 88.8 | 90.1 | 90.6 | 91.4 | 92.2 | 92.4 | 92.6 | 92.6 | 92.7 | 92.8 |
| ≥ 400 | 33.1 | 68.7 | 73.9 | 80.6 | 86.1 | 87.3 | 89.4 | 90.7 | 91.3 | 92.1 | 93.1 | 93.3 | 93.5 | 93.6 | 93.7 | 93.8 |
| ≥ 300 | 33.1 | 68.7 | 74.0 | 80.8 | 86.5 | 87.7 | 90.2 | 91.7 | 92.3 | 93.5 | 94.6 | 94.8 | 95.1 | 95.1 | 95.2 | 95.3 |
| ≥ 200 | 33.1 | 68.7 | 74.0 | 80.9 | 86.9 | 88.2 | 90.8 | 92.4 | 93.2 | 94.4 | 95.6 | 96.0 | 96.5 | 96.6 | 96.7 | 96.8 |
| ≥ 100 | 33.1 | 68.7 | 74.0 | 80.9 | 86.9 | 88.2 | 90.8 | 92.5 | 93.3 | 94.5 | 95.8 | 96.3 | 97.1 | 97.4 | 98.0 | 98.4 |
| ≥ 0 | 33.1 | 68.7 | 74.0 | 80.9 | 86.9 | 88.2 | 90.8 | 92.5 | 93.3 | 94.5 | 95.8 | 96.3 | 97.1 | 97.4 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | 22.0 | 40.4 | 42.7 | 45.3 | 47.1 | 47.3 | 48.0 | 48.2 | 48.3 | 48.5 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 49.0 |
| ≥ 20000 | 24.3 | 44.5 | 47.2 | 50.0 | 52.0 | 52.4 | 53.1 | 53.3 | 53.4 | 53.7 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.3 |
| ≥ 18000 | 24.4 | 44.6 | 47.3 | 50.1 | 52.2 | 52.5 | 53.3 | 53.4 | 53.5 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.4 |
| ≥ 16000 | 24.4 | 44.8 | 47.5 | 50.4 | 52.5 | 52.8 | 53.6 | 53.7 | 53.8 | 54.2 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.7 |
| ≥ 14000 | 24.6 | 45.5 | 48.3 | 51.2 | 53.4 | 53.7 | 54.5 | 54.8 | 54.9 | 55.3 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.9 |
| ≥ 12000 | 24.9 | 46.1 | 49.1 | 52.2 | 54.4 | 54.8 | 55.7 | 55.9 | 56.0 | 56.4 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 57.1 |
| ≥ 10000 | 25.8 | 48.6 | 51.9 | 55.4 | 57.9 | 58.4 | 59.3 | 59.6 | 59.6 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.7 |
| ≥ 9000 | 26.1 | 49.6 | 53.0 | 56.4 | 59.1 | 59. | 60.5 | 60.8 | 60.9 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 62.0 |
| ≥ 8000 | 26.9 | 51.7 | 55.2 | 59.0 | 61.9 | 62.4 | 63.3 | 63.7 | 63.8 | 64.2 | 64.4 | 64.5 | 64.6 | 64.6 | 64.7 | 65.0 |
| ≥ 7000 | 27.4 | 53.2 | 57.1 | 60.8 | 63.9 | 64.5 | 65.5 | 65.8 | 65.9 | 66.3 | 66.5 | 66.6 | 66.8 | 66.8 | 66.8 | 67.1 |
| ≥ 6000 | 27.8 | 54.4 | 58.4 | 62.4 | 65.7 | 66.3 | 67.4 | 67.8 | 67.9 | 68.3 | 68.6 | 68.7 | 68.8 | 68.8 | 68.9 | 69.2 |
| ≥ 5000 | 28.1 | 56.4 | 60.7 | 65.0 | 68.4 | 69.0 | 70.2 | 70.7 | 70.8 | 71.2 | 71.5 | 71.6 | 71.7 | 71.7 | 71.8 | 72.1 |
| ≥ 4500 | 28.3 | 56.9 | 61.3 | 65.8 | 69.2 | 69.9 | 71.1 | 71.6 | 71.7 | 72.2 | 72.4 | 72.5 | 72.7 | 72.7 | 72.7 | 73.0 |
| ≥ 4000 | 28.7 | 58.2 | 62.8 | 67.4 | 71.0 | 71.7 | 72.9 | 73.5 | 73.6 | 74.0 | 74.3 | 74.4 | 74.5 | 74.5 | 74.6 | 74.9 |
| ≥ 3500 | 29.3 | 59.6 | 64.2 | 69.0 | 72.6 | 73.2 | 74.6 | 75.2 | 75.4 | 75.8 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.6 |
| ≥ 3000 | 29.3 | 60.6 | 65.5 | 70.5 | 74.2 | 74.9 | 76.5 | 77.2 | 77.3 | 77.7 | 78.0 | 78.1 | 78.2 | 78.2 | 78.3 | 78.6 |
| ≥ 2500 | 29.6 | 61.5 | 66.6 | 71.8 | 75.7 | 76.4 | 78.1 | 79.0 | 79.1 | 79.6 | 79.9 | 80.0 | 80.1 | 80.1 | 80.2 | 80.5 |
| ≥ 2000 | 29.6 | 62.4 | 67.7 | 73.2 | 77.3 | 78.2 | 80.0 | 81.1 | 81.2 | 81.8 | 82.0 | 82.1 | 82.3 | 82.3 | 82.3 | 82.6 |
| ≥ 1800 | 29.7 | 62.7 | 68.0 | 73.6 | 77.6 | 78.5 | 80.4 | 81.5 | 81.6 | 82.2 | 82.4 | 82.5 | 82.7 | 82.7 | 82.8 | 83.0 |
| ≥ 1500 | 29.8 | 63.3 | 68.6 | 74.4 | 78.6 | 79.4 | 81.3 | 82.5 | 82.6 | 83.2 | 83.5 | 83.5 | 83.7 | 83.7 | 83.8 | 84.1 |
| ≥ 1200 | 29.8 | 63.9 | 69.4 | 75.3 | 79.6 | 80.7 | 82.6 | 83.9 | 84.0 | 84.6 | 84.9 | 85.0 | 85.2 | 85.2 | 85.3 | 85.6 |
| ≥ 1000 | 29.9 | 64.3 | 70.0 | 76.1 | 80.7 | 82.0 | 84.0 | 85.4 | 85.6 | 86.2 | 86.6 | 86.7 | 86.9 | 86.9 | 87.1 | 87.4 |
| ≥ 900 | 29.9 | 64.4 | 70.0 | 76.2 | 80.9 | 82.1 | 84.2 | 85.7 | 86.0 | 86.7 | 87.1 | 87.2 | 87.4 | 87.4 | 87.6 | 87.9 |
| ≥ 800 | 29.9 | 64.5 | 70.2 | 76.6 | 81.4 | 82.7 | 85.1 | 86.6 | 86.9 | 87.7 | 88.1 | 88.3 | 88.5 | 88.6 | 88.7 | 89.0 |
| ≥ 700 | 29.9 | 64.5 | 70.2 | 76.8 | 81.8 | 83.2 | 85.8 | 87.4 | 87.8 | 88.6 | 89.1 | 89.4 | 89.6 | 89.7 | 89.8 | 90.1 |
| ≥ 600 | 29.9 | 64.8 | 70.7 | 77.4 | 82.7 | 84.2 | 87.2 | 89.0 | 89.4 | 90.3 | 90.8 | 91.1 | 91.3 | 91.4 | 91.5 | 91.8 |
| ≥ 500 | 30.0 | 64.9 | 70.9 | 77.9 | 83.4 | 84.9 | 88.1 | 89.9 | 90.4 | 91.5 | 92.1 | 92.4 | 92.8 | 92.8 | 93.1 | 93.4 |
| ≥ 400 | 30.0 | 64.9 | 71.0 | 78.1 | 83.8 | 85.3 | 88.7 | 90.5 | 91.0 | 92.4 | 93.1 | 93.5 | 93.9 | 94.0 | 94.4 | 94.8 |
| ≥ 300 | 30.0 | 65.0 | 71.1 | 78.3 | 84.2 | 85.7 | 89.3 | 91.3 | 91.8 | 93.6 | 94.6 | 95.0 | 95.6 | 95.7 | 96.2 | 96.6 |
| ≥ 200 | 30.0 | 65.0 | 71.1 | 78.3 | 84.3 | 85.9 | 89.6 | 91.8 | 92.5 | 94.3 | 95.6 | 96.1 | 96.9 | 97.1 | 97.8 | 98.2 |
| ≥ 100 | 30.0 | 65.0 | 71.1 | 78.3 | 84.3 | 85.9 | 89.6 | 91.9 | 92.6 | 94.5 | 95.8 | 96.3 | 97.2 | 97.6 | 98.4 | 99.1 |
| 0 | 30.0 | 65.0 | 71.1 | 78.3 | 84.3 | 85.9 | 89.6 | 91.9 | 92.6 | 94.5 | 95.8 | 96.3 | 97.2 | 97.6 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 26.8 | 43.5 | 45.6 | 46.9 | 47.4 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 30.0 | 49.1 | 51.5 | 52.9 | 53.6 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 |
| ≤ 18000 | 30.0 | 49.4 | 51.8 | 53.3 | 54.0 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 |
| ≥ 16000 | 30.3 | 49.9 | 52.3 | 53.8 | 54.5 | 54.7 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 14000 | 30.8 | 50.8 | 53.4 | 55.0 | 55.8 | 56.0 | 56.0 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 12000 | 31.5 | 52.4 | 55.3 | 57.2 | 58.0 | 58.2 | 58.2 | 58.3 | 58.3 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 10000 | 32.5 | 55.0 | 58.0 | 60.1 | 61.0 | 61.2 | 61.5 | 61.6 | 61.6 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 9000 | 32.7 | 55.7 | 58.8 | 60.8 | 61.9 | 62.1 | 62.4 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 8000 | 33.4 | 57.4 | 60.5 | 62.7 | 63.7 | 64.0 | 64.3 | 64.4 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 7000 | 33.7 | 58.7 | 62.2 | 64.5 | 65.7 | 66.0 | 66.3 | 66.4 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 6000 | 33.9 | 59.6 | 63.1 | 65.8 | 67.1 | 67.4 | 67.7 | 67.8 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 |
| ≥ 5000 | 34.3 | 61.4 | 65.1 | 67.8 | 69.2 | 69.5 | 69.8 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 |
| ≥ 4500 | 34.8 | 62.4 | 66.1 | 68.9 | 70.3 | 70.6 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 4000 | 35.6 | 64.3 | 68.4 | 71.5 | 73.0 | 73.4 | 73.7 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 3500 | 36.2 | 65.8 | 70.1 | 73.3 | 74.9 | 75.3 | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 3000 | 36.6 | 67.7 | 72.2 | 75.5 | 77.5 | 77.9 | 78.3 | 78.4 | 78.4 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 2500 | 37.0 | 68.6 | 73.5 | 76.9 | 79.1 | 79.5 | 80.1 | 80.3 | 80.3 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 2000 | 37.2 | 70.0 | 75.2 | 78.6 | 80.9 | 81.3 | 82.1 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 1800 | 37.3 | 70.3 | 75.5 | 79.1 | 81.3 | 81.8 | 82.7 | 82.8 | 82.9 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 1500 | 37.5 | 70.8 | 76.1 | 79.9 | 82.3 | 82.9 | 83.9 | 84.1 | 84.1 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 1200 | 37.6 | 71.7 | 77.1 | 81.3 | 84.1 | 84.8 | 85.9 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 |
| ≥ 1000 | 37.7 | 72.3 | 78.0 | 82.3 | 85.2 | 86.0 | 87.4 | 87.7 | 87.8 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 |
| ≥ 900 | 37.7 | 72.5 | 78.3 | 82.8 | 85.7 | 86.5 | 88.0 | 88.4 | 88.5 | 88.8 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 800 | 37.7 | 72.5 | 78.3 | 83.0 | 86.1 | 87.0 | 88.7 | 89.2 | 89.4 | 89.7 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 700 | 37.7 | 72.5 | 78.4 | 83.3 | 86.6 | 87.7 | 89.5 | 90.4 | 90.6 | 91.1 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 600 | 37.7 | 72.7 | 78.8 | 84.0 | 87.7 | 89.0 | 91.1 | 92.2 | 92.4 | 93.1 | 93.7 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 500 | 37.7 | 72.9 | 79.1 | 84.5 | 88.6 | 89.9 | 92.4 | 93.6 | 93.9 | 94.6 | 95.3 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 |
| ≥ 400 | 37.7 | 73.0 | 79.2 | 84.7 | 88.9 | 90.5 | 93.4 | 94.6 | 95.0 | 95.9 | 96.6 | 96.8 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 300 | 37.7 | 73.0 | 79.2 | 84.8 | 89.1 | 90.7 | 93.7 | 95.1 | 95.6 | 96.6 | 97.5 | 97.7 | 98.0 | 98.1 | 98.2 | 98.3 |
| ≥ 200 | 37.7 | 73.0 | 79.2 | 84.8 | 89.1 | 90.7 | 93.8 | 95.4 | 95.9 | 97.0 | 98.1 | 98.3 | 98.8 | 99.0 | 99.2 | 99.5 |
| ≥ 100 | 37.7 | 73.0 | 79.2 | 84.8 | 89.1 | 90.7 | 93.8 | 95.4 | 95.9 | 97.0 | 98.1 | 98.4 | 99.0 | 99.3 | 99.5 | 99.9 |
| ≥ 0 | 37.7 | 73.0 | 79.2 | 84.8 | 89.1 | 90.7 | 93.8 | 95.4 | 95.9 | 97.0 | 98.1 | 98.4 | 99.0 | 99.3 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥¼ 16 | ≥¼ | ≥0 |
| NO CEILING | 27.5 | 40.8 | 41.9 | 42.6 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 | 42.8 |
| ≥ 20000 | 31.3 | 47.8 | 49.0 | 49.9 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 18000 | 31.5 | 48.2 | 49.4 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 16000 | 31.7 | 48.6 | 49.8 | 50.7 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 14000 | 32.3 | 49.9 | 51.1 | 52.3 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 12000 | 33.5 | 52.0 | 53.4 | 54.5 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 10000 | 35.0 | 55.1 | 56.6 | 57.8 | 58.2 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 9000 | 35.2 | 55.9 | 57.5 | 58.8 | 59.2 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 |
| ≥ 8000 | 36.0 | 57.8 | 59.5 | 60.8 | 61.3 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 7000 | 36.3 | 59.3 | 61.0 | 62.3 | 62.8 | 63.0 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 6000 | 36.7 | 60.2 | 61.9 | 63.5 | 63.9 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 5000 | 37.9 | 62.7 | 64.8 | 66.4 | 66.8 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 4500 | 38.8 | 64.5 | 66.5 | 68.1 | 68.6 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 4000 | 40.3 | 68.2 | 70.4 | 72.1 | 72.6 | 72.8 | 72.9 | 73.0 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≥ 3500 | 41.9 | 70.9 | 73.3 | 75.1 | 75.6 | 75.8 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3000 | 42.7 | 74.2 | 77.0 | 79.0 | 79.6 | 79.9 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 2500 | 43.2 | 75.5 | 78.6 | 80.8 | 81.5 | 81.8 | 82.1 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | 43.5 | 76.9 | 80.2 | 82.5 | 83.3 | 83.6 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 1800 | 43.5 | 77.0 | 80.4 | 82.8 | 83.6 | 84.0 | 84.4 | 84.4 | 84.4 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 1500 | 43.7 | 77.7 | 81.6 | 84.0 | 85.1 | 85.5 | 86.0 | 86.3 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 1200 | 43.8 | 78.2 | 82.5 | 85.3 | 86.5 | 86.9 | 87.5 | 87.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1000 | 43.8 | 78.6 | 83.1 | 86.2 | 87.7 | 88.2 | 88.9 | 89.4 | 89.5 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 900 | 43.8 | 78.8 | 83.4 | 86.6 | 88.2 | 88.8 | 89.5 | 90.0 | 90.0 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 800 | 43.8 | 79.0 | 83.8 | 87.2 | 89.1 | 89.9 | 90.8 | 91.4 | 91.4 | 92.0 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 |
| 700 | 43.9 | 79.3 | 84.2 | 87.7 | 89.8 | 90.6 | 91.6 | 92.2 | 92.3 | 92.9 | 93.1 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 600 | 43.9 | 79.4 | 84.4 | 88.0 | 90.3 | 91.2 | 92.4 | 93.2 | 93.2 | 94.1 | 94.3 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 500 | 43.9 | 79.6 | 84.7 | 88.5 | 91.0 | 92.0 | 93.3 | 94.2 | 94.6 | 95.4 | 95.7 | 95.8 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 400 | 43.9 | 79.7 | 84.8 | 88.8 | 91.3 | 92.4 | 94.0 | 95.2 | 95.8 | 96.8 | 97.1 | 97.2 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 300 | 43.9 | 79.7 | 84.8 | 88.8 | 91.3 | 92.6 | 94.4 | 95.6 | 96.2 | 97.3 | 97.8 | 97.9 | 98.4 | 98.4 | 98.6 | 98.6 |
| ≥ 200 | 43.9 | 79.7 | 84.8 | 88.8 | 91.3 | 92.6 | 94.5 | 96.0 | 96.8 | 98.0 | 98.6 | 98.8 | 99.3 | 99.3 | 99.6 | 99.6 |
| ≥ 100 | 43.9 | 79.7 | 84.8 | 88.8 | 91.3 | 92.6 | 94.5 | 96.0 | 96.8 | 98.0 | 98.6 | 98.8 | 99.4 | 99.5 | 99.8 | 100.0 |
| ≥ 0 | 43.9 | 79.7 | 84.8 | 88.8 | 91.3 | 92.6 | 94.5 | 96.0 | 96.8 | 98.0 | 98.6 | 98.8 | 99.4 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATE & NAME) 43-46,51-72 (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 | 27.4 | 41.5 | 42.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.0 |
| ≥ 20000 | 31.8 | 49.1 | 50.6 | 51.8 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 18000 | 32.0 | 49.4 | 50.9 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| ≥ 16000 | 32.2 | 50.0 | 51.5 | 52.6 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.9 |
| ≥ 14000 | 33.1 | 51.8 | 53.5 | 54.6 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.9 | 54.8 | 54.8 | 54.8 | 54.9 |
| ≥ 12000 | 34.0 | 53.4 | 55.1 | 56.4 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 10000 | 35.4 | 56.1 | 58.0 | 59.4 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 |
| ≥ 9000 | 35.6 | 56.6 | 58.7 | 60.1 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.8 |
| ≥ 8000 | 36.7 | 58.6 | 60.8 | 62.2 | 62.7 | 62.8 | 62.8 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 |
| ≥ 7000 | 37.4 | 60.5 | 62.9 | 64.5 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 |
| ≥ 6000 | 38.4 | 61.9 | 64.5 | 66.1 | 66.8 | 66.9 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 5000 | 39.4 | 64.2 | 67.2 | 68.8 | 69.6 | 69.8 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.1 |
| ≥ 4500 | 40.2 | 66.1 | 69.2 | 70.9 | 71.7 | 71.9 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 |
| ≥ 4000 | 41.6 | 69.5 | 72.6 | 74.3 | 75.2 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 |
| ≥ 3500 | 42.3 | 71.3 | 74.4 | 76.3 | 77.3 | 77.5 | 77.5 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 3000 | 43.1 | 74.2 | 77.7 | 80.0 | 81.2 | 81.6 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 |
| ≥ 2500 | 43.5 | 75.3 | 79.0 | 81.5 | 82.6 | 83.3 | 83.6 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 2000 | 43.9 | 76.2 | 80.1 | 82.7 | 84.1 | 84.7 | 85.1 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 1800 | 43.9 | 76.3 | 80.3 | 82.9 | 84.4 | 85.0 | 85.4 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.9 |
| ≥ 1500 | 44.0 | 77.2 | 81.3 | 84.0 | 85.6 | 86.3 | 86.9 | 87.3 | 87.3 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1200 | 44.2 | 77.8 | 82.0 | 84.8 | 86.8 | 87.5 | 88.1 | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 |
| ≥ 1000 | 44.3 | 78.2 | 82.5 | 85.3 | 87.4 | 88.3 | 89.0 | 89.6 | 89.6 | 89.7 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 900 | 44.3 | 78.2 | 82.6 | 85.6 | 87.7 | 88.6 | 89.3 | 89.9 | 89.9 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 800 | 44.3 | 78.5 | 83.0 | 86.1 | 88.4 | 89.3 | 90.3 | 91.1 | 91.2 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 |
| ≥ 700 | 44.3 | 78.6 | 83.2 | 86.3 | 88.8 | 90.0 | 91.1 | 92.3 | 92.4 | 92.7 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.1 |
| ≥ 600 | 44.3 | 78.7 | 83.4 | 86.6 | 89.2 | 90.5 | 91.8 | 93.2 | 93.3 | 93.8 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.3 |
| ≥ 500 | 44.3 | 78.7 | 83.6 | 86.9 | 89.7 | 91.1 | 92.7 | 94.2 | 94.6 | 95.3 | 95.5 | 95.5 | 95.8 | 95.8 | 95.8 | 96.0 |
| ≥ 400 | 44.3 | 78.8 | 83.7 | 87.2 | 90.1 | 91.6 | 93.2 | 94.9 | 95.6 | 96.6 | 97.1 | 97.1 | 97.3 | 97.3 | 97.5 | 97.7 |
| ≥ 300 | 44.3 | 78.8 | 83.7 | 87.2 | 90.2 | 91.7 | 93.4 | 95.4 | 96.2 | 97.4 | 98.0 | 98.3 | 98.5 | 98.5 | 98.7 | 99.0 |
| ≥ 200 | 44.3 | 78.8 | 83.7 | 87.2 | 90.2 | 91.7 | 93.5 | 95.6 | 96.4 | 97.8 | 98.5 | 98.7 | 99.1 | 99.2 | 99.4 | 99.7 |
| ≥ 100 | 44.3 | 78.8 | 83.7 | 87.2 | 90.2 | 91.7 | 93.5 | 95.6 | 96.4 | 97.8 | 98.5 | 98.8 | 99.2 | 99.4 | 99.6 | 100.0 |
| ≥ 0 | 44.3 | 78.8 | 83.7 | 87.2 | 90.2 | 91.7 | 93.5 | 95.6 | 96.4 | 97.8 | 98.5 | 98.8 | 99.2 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.1 | 48.0 | 49.8 | 51.0 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 31.8 | 53.4 | 55.4 | 56.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.0 |
| ≥ 18000 | 31.9 | 53.7 | 55.7 | 57.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 |
| ≥ 16000 | 32.3 | 54.2 | 56.2 | 57.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 |
| ≥ 14000 | 32.6 | 55.4 | 57.4 | 58.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 12000 | 33.4 | 57.0 | 59.2 | 60.6 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 |
| ≥ 10000 | 34.4 | 59.0 | 61.5 | 63.1 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 |
| ≥ 9000 | 34.7 | 60.1 | 62.7 | 64.3 | 65.7 | 65.8 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 |
| ≥ 8000 | 35.5 | 61.9 | 64.7 | 66.5 | 68.1 | 68.2 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 |
| ≥ 7000 | 36.3 | 64.1 | 67.1 | 69.0 | 70.7 | 70.9 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.5 |
| ≥ 6000 | 36.5 | 65.3 | 68.4 | 70.5 | 72.3 | 72.6 | 72.9 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 5000 | 37.1 | 67.0 | 70.3 | 72.4 | 74.3 | 74.6 | 74.9 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 4500 | 37.8 | 68.3 | 71.7 | 73.9 | 75.8 | 76.1 | 76.5 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 |
| ≥ 4000 | 38.3 | 70.4 | 73.9 | 76.2 | 78.3 | 78.6 | 79.0 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 3500 | 38.5 | 71.4 | 75.0 | 77.3 | 79.4 | 79.7 | 80.1 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 |
| ≥ 3000 | 38.7 | 72.8 | 76.6 | 79.0 | 81.3 | 81.8 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 |
| ≥ 2500 | 38.7 | 73.4 | 77.4 | 80.0 | 82.4 | 82.9 | 83.4 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| ≥ 2000 | 38.9 | 74.1 | 78.3 | 80.9 | 83.4 | 83.9 | 84.4 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 |
| ≥ 1800 | 38.9 | 74.5 | 78.7 | 81.4 | 83.9 | 84.4 | 84.9 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| ≥ 1500 | 39.0 | 74.8 | 79.3 | 82.3 | 84.8 | 85.4 | 86.0 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 |
| ≥ 1200 | 39.1 | 75.4 | 80.0 | 83.0 | 85.7 | 86.3 | 87.1 | 87.6 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 |
| ≥ 1000 | 39.3 | 76.0 | 80.8 | 83.9 | 86.9 | 87.6 | 88.4 | 89.1 | 89.2 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 |
| ≥ 900 | 39.4 | 76.1 | 80.9 | 84.1 | 87.2 | 87.9 | 88.7 | 89.5 | 89.5 | 89.9 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 |
| ≥ 800 | 39.4 | 76.4 | 81.4 | 84.7 | 88.0 | 88.7 | 89.6 | 90.6 | 90.7 | 91.2 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 |
| ≥ 700 | 39.4 | 76.5 | 81.5 | 84.9 | 88.3 | 89.0 | 90.0 | 91.2 | 91.4 | 91.9 | 92.1 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 |
| ≥ 600 | 39.4 | 76.6 | 81.8 | 85.3 | 88.8 | 89.5 | 90.7 | 92.1 | 92.3 | 92.9 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.5 |
| ≥ 500 | 39.4 | 76.6 | 81.9 | 85.6 | 89.3 | 90.2 | 91.8 | 93.4 | 93.8 | 94.6 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 |
| ≥ 400 | 39.4 | 76.8 | 82.1 | 85.9 | 89.8 | 90.8 | 92.6 | 94.4 | 94.8 | 95.7 | 96.2 | 96.4 | 96.6 | 96.6 | 96.6 | 96.8 |
| ≥ 300 | 39.4 | 76.8 | 82.1 | 85.9 | 90.0 | 91.0 | 92.9 | 95.1 | 95.6 | 96.7 | 97.3 | 97.6 | 97.9 | 97.9 | 98.0 | 98.3 |
| ≥ 200 | 39.4 | 76.8 | 82.1 | 85.9 | 90.0 | 91.1 | 93.1 | 95.2 | 95.8 | 97.0 | 97.8 | 98.0 | 98.3 | 98.4 | 98.6 | 98.8 |
| ≥ 100 | 39.4 | 76.8 | 82.1 | 85.9 | 90.0 | 91.1 | 93.1 | 95.2 | 95.8 | 97.1 | 97.9 | 98.2 | 98.6 | 98.8 | 99.0 | 99.3 |
| 0 | 39.4 | 76.8 | 82.1 | 85.9 | 90.0 | 91.1 | 93.1 | 95.2 | 95.8 | 97.1 | 97.9 | 98.2 | 98.6 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | ≥1¾ | ≥1¼ | ≥1 | ≥⅞ | ≥¾ | ≥⅝ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 28.4 | 51.2 | 52.8 | 54.4 | 55.6 | 55.7 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 20000 | 30.4 | 54.6 | 56.3 | 57.8 | 59.1 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 |
| ≥ 18000 | 30.5 | 54.9 | 56.6 | 58.2 | 59.4 | 59.5 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 16000 | 30.7 | 55.0 | 56.8 | 58.3 | 59.5 | 59.6 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 14000 | 31.0 | 56.2 | 58.0 | 59.6 | 60.8 | 60.9 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 |
| ≥ 12000 | 31.8 | 57.7 | 59.5 | 61.2 | 62.5 | 62.7 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 |
| ≥ 10000 | 32.6 | 59.2 | 61.1 | 63.1 | 64.4 | 64.6 | 64.9 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 9000 | 32.9 | 60.6 | 62.5 | 64.6 | 66.1 | 66.3 | 66.6 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 |
| ≥ 8000 | 33.7 | 62.6 | 64.7 | 66.8 | 68.6 | 68.8 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 |
| ≥ 7000 | 34.9 | 65.0 | 67.3 | 69.6 | 71.5 | 71.7 | 72.1 | 72.2 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 6000 | 35.4 | 66.6 | 69.1 | 71.5 | 73.7 | 73.9 | 74.3 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 5000 | 36.0 | 68.1 | 70.8 | 73.3 | 75.5 | 75.7 | 76.2 | 76.3 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 |
| ≥ 4500 | 36.4 | 68.8 | 71.4 | 74.0 | 76.2 | 76.4 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 |
| ≥ 4000 | 36.6 | 70.3 | 73.1 | 75.9 | 78.4 | 78.6 | 79.1 | 79.2 | 79.2 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 |
| ≥ 3500 | 36.8 | 70.8 | 73.6 | 76.7 | 79.3 | 79.5 | 80.2 | 80.3 | 80.4 | 80.5 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 3000 | 36.9 | 71.9 | 74.9 | 78.1 | 80.8 | 81.1 | 82.0 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 2500 | 36.9 | 72.4 | 75.4 | 78.9 | 81.6 | 82.1 | 82.9 | 83.1 | 83.2 | 83.3 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2000 | 36.9 | 72.9 | 76.2 | 79.9 | 82.7 | 83.2 | 84.0 | 84.3 | 84.4 | 84.5 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 1800 | 37.0 | 73.0 | 76.2 | 80.0 | 82.9 | 83.3 | 84.2 | 84.5 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84 8 | 84.9 |
| ≥ 1500 | 37.0 | 73.3 | 76.7 | 80.7 | 83.6 | 84.2 | 85.2 | 85.5 | 85.5 | 85.7 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 | 37.0 | 73.5 | 77.2 | 81.3 | 84.3 | 84.9 | 86.0 | 86.2 | 86.3 | 86.5 | 86.8 | 86.3 | 86.8 | 86.8 | 86.8 | 86.9 |
| ≥ 1000 | 37.1 | 74.0 | 78.0 | 82.1 | 85.4 | 86.0 | 87.3 | 87.8 | 88.0 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 900 | 37.1 | 74.2 | 78.3 | 82.5 | 85.9 | 86.6 | 87.9 | 88.5 | 88.7 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.5 |
| ≥ 800 | 37.1 | 74.4 | 78.5 | 82.8 | 86.5 | 87.2 | 88.7 | 89.4 | 89.6 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 |
| ≥ 700 | 37.1 | 74.7 | 79.0 | 83.6 | 87.4 | 88.1 | 89.7 | 90.5 | 90.7 | 91.4 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 |
| ≥ 600 | 37.1 | 74.9 | 79.3 | 84.1 | 87.8 | 88.6 | 90.5 | 91.3 | 91.5 | 92.3 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 |
| ≥ 500 | 37.1 | 75.2 | 79.6 | 84.4 | 88.6 | 89.4 | 91.5 | 92.4 | 92.7 | 93.6 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 |
| ≥ 400 | 37.1 | 75.2 | 79.9 | 85.0 | 89.3 | 90.2 | 92.7 | 93.9 | 94.3 | 95.4 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.3 |
| ≥ 300 | 37.1 | 75.2 | 79.9 | 85.1 | 89.4 | 90.4 | 92.9 | 94.2 | 94.6 | 95.8 | 96.4 | 96.5 | 96.8 | 96.8 | 96.8 | 96.9 |
| ≥ 200 | 37.1 | 75.2 | 80.0 | 85.1 | 89.5 | 90.5 | 93.1 | 94.5 | 95.0 | 96.6 | 97.3 | 97.3 | 97.7 | 97.7 | 97.8 | 97.9 |
| ≥ 100 | 37.1 | 75.2 | 80.0 | 85.1 | 89.5 | 90.6 | 93.1 | 94.6 | 95.1 | 96.7 | 97.5 | 97.7 | 98.1 | 98.4 | 98.8 | 99.4 |
| ≥ 0 | 37.1 | 75.2 | 80.0 | 85.1 | 89.5 | 90.6 | 93.1 | 94.6 | 95.1 | 96.7 | 97.5 | 97.7 | 98.1 | 98.5 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2467

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.8 | 50.4 | 52.6 | 53.7 | 55.4 | 55.5 | 55.8 | 55.9 | 56.0 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.6 |
| ≥ 20000 | 30.5 | 53.1 | 55.3 | 56.4 | 58.1 | 58.2 | 58.5 | 58.6 | 58.7 | 59.1 | 59.1 | 59.2 | 59.3 | 59.3 | 59.3 | 59.4 |
| ≥ 18000 | 30.6 | 53.2 | 55.4 | 56.5 | 58.2 | 58.3 | 58.6 | 58.7 | 58.8 | 59.2 | 59.2 | 59.3 | 59.4 | 59.4 | 59.4 | 59.5 |
| ≥ 16000 | 30.6 | 53.3 | 55.5 | 56.6 | 58.4 | 58.4 | 58.7 | 58.8 | 58.9 | 59.3 | 59.3 | 59.4 | 59.5 | 59.5 | 59.5 | 59.6 |
| ≥ 14000 | 31.0 | 54.2 | 56.5 | 57.9 | 59.7 | 59.7 | 60.1 | 60.2 | 60.2 | 60.6 | 60.7 | 60.7 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 12000 | 31.5 | 55.9 | 58.3 | 59.6 | 61.5 | 61.6 | 61.9 | 62.0 | 62.1 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.8 |
| ≥ 10000 | 32.6 | 58.1 | 60.7 | 62.2 | 64.1 | 64.2 | 64.5 | 64.6 | 64.7 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.3 | 65.4 |
| ≥ 9000 | 33.3 | 59.9 | 62.6 | 64.1 | 66.1 | 66.1 | 66.5 | 66.6 | 66.7 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.4 |
| ≥ 8000 | 34.4 | 62.5 | 65.6 | 67.4 | 69.5 | 69.6 | 70.0 | 70.1 | 70.2 | 70.6 | 70.6 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 |
| ≥ 7000 | 35.4 | 66.0 | 69.2 | 71.1 | 73.2 | 73.3 | 73.7 | 73.8 | 73.9 | 74.3 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.6 |
| ≥ 6000 | 36.1 | 67.5 | 70.7 | 73.1 | 75.2 | 75.4 | 75.8 | 75.9 | 76.0 | 76.4 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.7 |
| ≥ 5000 | 36.6 | 69.4 | 72.8 | 75.3 | 77.7 | 77.9 | 78.4 | 78.5 | 78.6 | 79.0 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.3 |
| ≥ 4500 | 36.8 | 69.9 | 73.5 | 76.1 | 78.6 | 78.8 | 79.3 | 79.4 | 79.5 | 79.9 | 79.9 | 80.0 | 80.1 | 80.1 | 80.1 | 80.2 |
| ≥ 4000 | 37.0 | 70.8 | 74.6 | 77.5 | 80.1 | 80.3 | 80.8 | 80.9 | 81.0 | 81.4 | 81.4 | 81.5 | 81.6 | 81.6 | 81.6 | 81.7 |
| ≥ 3500 | 37.3 | 71.9 | 75.7 | 78.6 | 81.3 | 81.5 | 82.0 | 82.1 | 82.2 | 82.6 | 82.6 | 82.7 | 82.9 | 82.8 | 82.8 | 82.9 |
| ≥ 3000 | 37.4 | 72.6 | 76.6 | 79.5 | 82.4 | 82.6 | 83.1 | 83.2 | 83.3 | 83.7 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 2500 | 37.5 | 73.4 | 77.6 | 80.6 | 83.6 | 83.8 | 84.4 | 84.5 | 84.5 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.2 |
| ≥ 2000 | 37.8 | 74.0 | 78.4 | 81.5 | 84.7 | 84.9 | 85.6 | 85.7 | 85.8 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 |
| ≥ 1800 | 37.9 | 74.1 | 78.5 | 81.6 | 84.8 | 85.0 | 85.7 | 85.8 | 85.9 | 86.3 | 86.3 | 86.3 | 86.5 | 86.5 | 86.5 | 86.6 |
| ≥ 1500 | 37.9 | 74.5 | 78.9 | 82.0 | 85.4 | 85.7 | 86.4 | 86.5 | 86.6 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 |
| ≥ 1250 | 37.9 | 74.9 | 79.5 | 82.6 | 86.2 | 86.5 | 87.5 | 87.6 | 87.7 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 1000 | 37.9 | 75.8 | 80.4 | 83.5 | 87.4 | 87.7 | 88.8 | 88.9 | 89.1 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 900 | 37.9 | 76.1 | 80.8 | 84.1 | 88.1 | 88.4 | 89.7 | 89.8 | 90.0 | 90.7 | 90.7 | 90.7 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 800 | 38.0 | 76.3 | 81.2 | 84.5 | 88.9 | 89.3 | 90.7 | 90.8 | 91.0 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 700 | 38.1 | 76.7 | 81.6 | 85.0 | 89.4 | 89.8 | 91.3 | 91.5 | 91.8 | 92.5 | 92.5 | 92.6 | 92.8 | 92.8 | 92.8 | 92.9 |
| ≥ 600 | 38.1 | 77.0 | 82.0 | 85.7 | 90.6 | 91.1 | 92.9 | 93.3 | 93.5 | 94.3 | 94.4 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 |
| ≥ 500 | 38.1 | 77.0 | 82.2 | 85.9 | 91.0 | 91.5 | 93.4 | 93.9 | 94.1 | 95.1 | 95.2 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 |
| ≥ 400 | 38.1 | 77.1 | 82.6 | 86.3 | 91.6 | 92.4 | 94.4 | 94.9 | 95.2 | 96.3 | 96.4 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 300 | 38.1 | 77.2 | 82.7 | 86.6 | 92.0 | 92.6 | 94.7 | 95.5 | 95.9 | 97.2 | 97.2 | 97.3 | 97.6 | 97.6 | 97.6 | 97.8 |
| ≥ 200 | 38.1 | 77.2 | 82.7 | 86.6 | 92.0 | 92.6 | 94.9 | 95.7 | 96.1 | 97.5 | 97.6 | 97.8 | 98.2 | 98.2 | 98.3 | 98.5 |
| ≥ 100 | 38.1 | 77.2 | 82.7 | 86.6 | 92.0 | 92.6 | 95.0 | 95.8 | 96.2 | 97.6 | 97.8 | 98.0 | 98.5 | 98.5 | 98.8 | 99.3 |
| 0 | 38.1 | 77.2 | 82.7 | 86.6 | 92.0 | 92.6 | 95.0 | 95.8 | 96.2 | 97.6 | 97.8 | 98.1 | 98.5 | 98.6 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2322

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

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

0300-0500 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.1 | 45.2 | 46.8 | 48.5 | 49.7 | 49.9 | 50.7 | 50.9 | 50.9 | 51.1 | 51.4 | 51.4 | 51.5 | 51.5 | 51.5 | 51.8 |
| ≥ 20000 | 26.3 | 48.3 | 50.2 | 52.0 | 53.2 | 53.5 | 54.2 | 54.5 | 54.5 | 54.7 | 55.0 | 55.0 | 55.1 | 55.1 | 55.2 | 55.4 |
| ≥ 18000 | 26.3 | 48.4 | 50.4 | 52.1 | 53.3 | 53.6 | 54.4 | 54.6 | 54.6 | 54.8 | 55.1 | 55.1 | 55.2 | 55.2 | 55.3 | 55.6 |
| ≥ 16000 | 26.3 | 48.6 | 50.6 | 52.3 | 53.6 | 53.8 | 54.6 | 54.9 | 54.9 | 55.1 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.8 |
| ≥ 14000 | 26.6 | 49.4 | 51.4 | 53.2 | 54.5 | 54.8 | 55.6 | 55.8 | 55.8 | 56.0 | 56.3 | 56.3 | 56.4 | 56.4 | 56.5 | 56.8 |
| ≥ 12000 | 27.5 | 51.2 | 53.3 | 55.3 | 56.7 | 57.0 | 57.8 | 58.1 | 58.1 | 58.2 | 58.5 | 58.5 | 58.7 | 58.7 | 58.8 | 59.0 |
| ≥ 10000 | 29.0 | 54.4 | 56.8 | 58.8 | 60.4 | 60.6 | 61.5 | 61.8 | 61.8 | 62.0 | 62.3 | 62.3 | 62.5 | 62.5 | 62.5 | 62.8 |
| ≥ 9000 | 29.8 | 56.0 | 58.7 | 60.7 | 62.3 | 62.6 | 63.5 | 63.8 | 63.8 | 64.0 | 64.3 | 64.3 | 64.4 | 64.4 | 64.5 | 64.8 |
| ≥ 8000 | 30.8 | 58.4 | 61.6 | 63.9 | 65.6 | 65.9 | 66.9 | 67.3 | 67.3 | 67.5 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.3 |
| ≥ 7000 | 31.5 | 61.1 | 64.6 | 67.0 | 69.1 | 69.4 | 70.4 | 70.8 | 70.8 | 71.0 | 71.3 | 71.4 | 71.5 | 71.5 | 71.6 | 71.9 |
| ≥ 6000 | 32.0 | 62.4 | 66.1 | 68.5 | 70.9 | 71.2 | 72.3 | 72.6 | 72.6 | 72.9 | 73.2 | 73.2 | 73.4 | 73.4 | 73.5 | 73.8 |
| ≥ 5000 | 32.6 | 64.1 | 68.1 | 70.7 | 73.4 | 73.8 | 74.8 | 75.2 | 75.2 | 75.4 | 75.8 | 75.8 | 76.0 | 76.0 | 76.1 | 76.4 |
| ≥ 4500 | 32.7 | 64.6 | 68.7 | 71.4 | 74.2 | 74.5 | 75.6 | 76.0 | 76.0 | 76.3 | 76.6 | 76.7 | 76.9 | 76.9 | 76.9 | 77.2 |
| ≥ 4000 | 33.1 | 66.1 | 70.2 | 73.1 | 76.0 | 76.3 | 77.5 | 78.0 | 78.0 | 78.2 | 78.6 | 78.6 | 78.8 | 78.8 | 78.9 | 79.2 |
| ≥ 3500 | 33.2 | 66.5 | 70.8 | 73.6 | 76.6 | 76.9 | 78.2 | 78.6 | 78.6 | 78.8 | 79.2 | 79.2 | 79.4 | 79.4 | 79.5 | 79.8 |
| ≥ 3000 | 33.3 | 67.2 | 71.8 | 74.8 | 77.8 | 78.2 | 79.4 | 79.9 | 79.9 | 80.2 | 80.6 | 80.6 | 80.8 | 80.8 | 80.9 | 81.2 |
| ≥ 2500 | 33.5 | 67.7 | 72.6 | 75.6 | 78.9 | 79.3 | 80.5 | 81.0 | 81.0 | 81.4 | 81.8 | 81.8 | 82.0 | 82.0 | 82.1 | 82.4 |
| ≥ 2000 | 33.7 | 68.6 | 73.4 | 76.6 | 80.1 | 80.5 | 81.9 | 82.4 | 82.4 | 82.8 | 83.2 | 83.2 | 83.4 | 83.4 | 83.5 | 83.8 |
| ≥ 1800 | 33.7 | 68.8 | 73.7 | 76.8 | 80.4 | 80.8 | 82.2 | 82.8 | 82.8 | 83.1 | 83.5 | 83.6 | 83.7 | 83.7 | 83.8 | 84.1 |
| ≥ 1500 | 33.7 | 69.2 | 74.3 | 77.6 | 81.3 | 81.6 | 83.4 | 83.9 | 83.9 | 84.3 | 84.7 | 84.8 | 84.9 | 84.9 | 85.0 | 85.3 |
| ≥ 1200 | 33.8 | 69.7 | 74.9 | 78.4 | 82.1 | 82.5 | 84.5 | 85.0 | 85.0 | 85.4 | 85.9 | 85.9 | 86.1 | 86.1 | 86.2 | 86.5 |
| ≥ 1000 | 33.9 | 70.3 | 75.7 | 79.3 | 83.5 | 83.8 | 86.1 | 86.6 | 86.6 | 87.0 | 87.5 | 87.5 | 87.7 | 87.7 | 87.8 | 88.1 |
| ≥ 900 | 33.9 | 70.6 | 76.2 | 79.8 | 84.2 | 84.6 | 86.8 | 87.3 | 87.3 | 87.7 | 88.2 | 88.3 | 88.4 | 88.4 | 88.5 | 88.8 |
| ≥ 800 | 34.1 | 71.1 | 76.8 | 80.5 | 85.1 | 85.5 | 87.8 | 88.6 | 88.6 | 89.0 | 89.5 | 89.5 | 89.7 | 89.7 | 89.8 | 90.1 |
| ≥ 700 | 34.1 | 71.2 | 77.1 | 80.9 | 85.7 | 86.2 | 88.7 | 89.4 | 89.4 | 89.9 | 90.5 | 90.5 | 90.7 | 90.7 | 90.8 | 91.1 |
| ≥ 600 | 34.1 | 71.4 | 77.3 | 81.5 | 86.8 | 87.4 | 89.9 | 90.9 | 90.9 | 91.6 | 92.1 | 92.2 | 92.4 | 92.4 | 92.5 | 92.8 |
| ≥ 500 | 34.1 | 71.5 | 77.6 | 81.8 | 87.6 | 88.2 | 91.0 | 92.1 | 92.2 | 92.9 | 93.5 | 93.6 | 93.8 | 93.9 | 94.0 | 94.3 |
| ≥ 400 | 34.1 | 71.5 | 77.8 | 82.2 | 88.1 | 88.8 | 91.8 | 93.1 | 93.2 | 94.1 | 94.8 | 94.9 | 95.1 | 95.1 | 95.2 | 95.5 |
| ≥ 300 | 34.1 | 71.6 | 78.1 | 82.6 | 88.6 | 89.4 | 92.5 | 93.9 | 94.0 | 95.0 | 95.7 | 95.9 | 96.1 | 96.2 | 96.3 | 96.6 |
| ≥ 200 | 34.1 | 71.7 | 78.2 | 82.6 | 88.8 | 89.5 | 92.8 | 94.5 | 94.5 | 95.7 | 96.6 | 96.8 | 97.0 | 97.2 | 97.5 | 97.8 |
| ≥ 100 | 34.1 | 71.7 | 78.2 | 82.6 | 88.8 | 89.5 | 92.9 | 94.5 | 94.6 | 95.9 | 96.8 | 97.0 | 97.2 | 97.5 | 98.0 | 98.5 |
| ≥ 0 | 34.1 | 71.7 | 78.2 | 82.6 | 88.8 | 89.5 | 92.9 | 94.5 | 94.6 | 95.9 | 96.8 | 97.0 | 97.3 | 97.6 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS ... 2325

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

0600-0800 (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 | 23.3 | 41.4 | 43.8 | 45.1 | 46.1 | 46.4 | 47.0 | 47.2 | 47.3 | 47.5 | 47.6 | 47.6 | 47.7 | 47.7 | 47.8 | 48.0 |
| ≥ 20000 | 25.9 | 45.6 | 48.6 | 50.0 | 51.2 | 51.6 | 52.3 | 52.5 | 52.6 | 52.8 | 53.0 | 53.0 | 53.1 | 53.1 | 53.3 | 53.4 |
| ≥ 18000 | 26.0 | 46.0 | 49.1 | 50.5 | 51.7 | 52.1 | 52.8 | 53.0 | 53.1 | 53.3 | 53.4 | 53.5 | 53.6 | 53.6 | 53.7 | 53.9 |
| ≥ 16000 | 26.2 | 46.4 | 49.5 | 51.0 | 52.2 | 52.6 | 53.2 | 53.4 | 53.5 | 53.7 | 53.9 | 54.0 | 54.1 | 54.1 | 54.2 | 54.3 |
| ≥ 14000 | 26.5 | 47.8 | 51.0 | 52.6 | 53.9 | 54.3 | 55.0 | 55.2 | 55.3 | 55.5 | 55.7 | 55.7 | 55.9 | 55.9 | 56.0 | 56.1 |
| ≥ 12000 | 27.0 | 49.4 | 52.7 | 54.5 | 55.9 | 56.3 | 57.0 | 57.2 | 57.3 | 57.5 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 |
| ≥ 10000 | 28.0 | 52.5 | 56.1 | 58.5 | 59.9 | 60.4 | 61.3 | 61.5 | 61.7 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.3 | 62.5 |
| ≥ 9000 | 28.4 | 54.0 | 57.8 | 60.2 | 61.7 | 62.3 | 63.2 | 63.5 | 63.7 | 63.9 | 64.1 | 64.1 | 64.2 | 64.2 | 64.4 | 64.5 |
| ≥ 8000 | 29.5 | 56.4 | 60.4 | 62.9 | 64.7 | 65.2 | 66.3 | 66.6 | 66.9 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 | 67.6 | 67.7 |
| ≥ 7000 | 30.3 | 58.6 | 63.0 | 65.7 | 67.6 | 68.1 | 69.2 | 69.6 | 69.8 | 70.1 | 70.2 | 70.3 | 70.4 | 70.4 | 70.5 | 70.7 |
| ≥ 6000 | 30.6 | 60.4 | 64.9 | 68.0 | 70.2 | 70.7 | 71.8 | 72.2 | 72.4 | 72.6 | 72.8 | 72.8 | 73.0 | 73.0 | 73.1 | 73.3 |
| ≥ 5000 | 31.4 | 62.3 | 67.2 | 70.6 | 72.9 | 73.5 | 74.5 | 74.9 | 75.2 | 75.5 | 75.6 | 75.7 | 75.9 | 75.9 | 76.0 | 76.2 |
| ≥ 4500 | 31.7 | 62.9 | 67.8 | 71.3 | 73.6 | 74.1 | 75.2 | 75.6 | 75.9 | 76.2 | 76.4 | 76.4 | 76.6 | 76.6 | 76.7 | 76.9 |
| ≥ 4000 | 31.9 | 64.1 | 69.1 | 72.1 | 75.0 | 75.6 | 76.8 | 77.2 | 77.5 | 77.9 | 78.1 | 78.1 | 78.3 | 78.3 | 78.4 | 78.6 |
| ≥ 3500 | 32.1 | 64.8 | 69.9 | 73.3 | 76.1 | 76.7 | 77.9 | 78.3 | 78.7 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.5 | 79.7 |
| ≥ 3000 | 32.2 | 65.3 | 70.4 | 74.0 | 76.9 | 77.5 | 78.8 | 79.3 | 79.7 | 80.1 | 80.2 | 80.3 | 80.5 | 80.5 | 80.6 | 80.8 |
| ≥ 2500 | 32.3 | 65.7 | 70.7 | 74.4 | 77.4 | 78.1 | 79.4 | 80.1 | 80.5 | 80.9 | 81.0 | 81.1 | 81.2 | 81.2 | 81.4 | 81.6 |
| ≥ 2000 | 32.4 | 66.3 | 71.4 | 75.2 | 78.4 | 79.2 | 80.6 | 81.2 | 81.6 | 82.0 | 82.2 | 82.3 | 82.4 | 82.4 | 82.6 | 82.8 |
| ≥ 1800 | 32.4 | 66.4 | 71.5 | 75.4 | 78.6 | 79.4 | 80.8 | 81.5 | 81.8 | 82.2 | 82.4 | 82.5 | 82.7 | 82.7 | 82.8 | 83.0 |
| ≥ 1500 | 32.6 | 67.0 | 72.2 | 76.3 | 79.6 | 80.4 | 81.8 | 82.5 | 82.9 | 83.3 | 83.5 | 83.6 | 83.7 | 83.7 | 83.9 | 84.1 |
| ≥ 1200 | 32.6 | 67.7 | 73.2 | 77.3 | 80.9 | 81.7 | 83.2 | 84.0 | 84.3 | 84.8 | 85.0 | 85.0 | 85.2 | 85.2 | 85.4 | 85.6 |
| ≥ 1000 | 32.7 | 68.3 | 74.0 | 78.1 | 81.9 | 82.9 | 84.4 | 85.3 | 85.7 | 86.2 | 86.6 | 86.6 | 86.8 | 86.8 | 87.0 | 87.2 |
| ≥ 900 | 32.8 | 68.6 | 74.3 | 78.6 | 82.5 | 83.5 | 85.1 | 85.9 | 86.4 | 86.9 | 87.2 | 87.3 | 87.4 | 87.4 | 87.6 | 87.9 |
| ≥ 800 | 32.9 | 68.8 | 74.7 | 79.1 | 83.2 | 84.2 | 86.0 | 86.9 | 87.3 | 87.9 | 88.3 | 88.3 | 88.5 | 88.5 | 88.7 | 88.9 |
| ≥ 700 | 32.9 | 69.1 | 75.0 | 79.6 | 83.9 | 85.0 | 87.0 | 88.0 | 88.5 | 89.1 | 89.5 | 89.5 | 89.7 | 89.7 | 89.9 | 90.2 |
| ≥ 600 | 32.9 | 69.2 | 75.2 | 79.8 | 84.3 | 85.5 | 87.6 | 88.9 | 89.4 | 90.0 | 90.5 | 90.6 | 90.8 | 90.8 | 91.0 | 91.3 |
| ≥ 500 | 33.0 | 69.5 | 75.6 | 80.3 | 85.6 | 87.0 | 89.2 | 90.7 | 91.2 | 92.2 | 92.7 | 92.7 | 93.1 | 93.1 | 93.5 | 93.8 |
| ≥ 400 | 33.0 | 69.5 | 75.7 | 80.6 | 86.1 | 87.7 | 90.1 | 91.7 | 92.3 | 93.5 | 94.0 | 94.1 | 94.5 | 94.5 | 94.8 | 95.1 |
| ≥ 300 | 33.0 | 69.6 | 75.8 | 80.7 | 86.4 | 88.1 | 90.7 | 92.4 | 93.3 | 94.5 | 95.3 | 95.4 | 95.8 | 95.8 | 96.3 | 96.6 |
| ≥ 200 | 33.0 | 69.6 | 75.8 | 80.7 | 86.4 | 88.3 | 90.8 | 92.8 | 93.8 | 95.1 | 96.2 | 96.3 | 96.9 | 97.0 | 97.5 | 97.9 |
| ≥ 100 | 33.0 | 69.6 | 75.8 | 80.7 | 86.4 | 88.3 | 90.8 | 92.8 | 93.8 | 95.1 | 96.2 | 96.4 | 97.2 | 97.4 | 98.2 | 98.9 |
| ≥ 0 | 33.0 | 69.6 | 75.8 | 80.7 | 86.4 | 88.3 | 90.8 | 92.8 | 93.8 | 95.1 | 96.2 | 96.4 | 97.2 | 97.4 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2324

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 30.4 | 45.4 | 46.6 | 47.2 | 47.6 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 20000 | 33.1 | 50.6 | 52.5 | 53.1 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 18000 | 33.3 | 51.0 | 52.9 | 53.5 | 54.0 | 54.1 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 |
| ≥ 16000 | 33.4 | 51.4 | 53.3 | 53.9 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 14000 | 33.6 | 52.2 | 54.3 | 55.0 | 55.5 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 12000 | 34.7 | 54.7 | 56.9 | 57.9 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 10000 | 36.4 | 57.7 | 60.0 | 61.0 | 61.8 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 9000 | 37.2 | 59.3 | 61.7 | 62.7 | 63.5 | 63.6 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 8000 | 37.8 | 61.6 | 64.1 | 65.6 | 66.5 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 7000 | 38.6 | 63.4 | 66.1 | 67.7 | 68.6 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 6000 | 38.9 | 64.5 | 67.3 | 68.9 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 5000 | 39.3 | 66.5 | 69.4 | 71.3 | 72.5 | 72.7 | 72.9 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 4500 | 40.1 | 67.3 | 70.3 | 72.2 | 73.4 | 73.5 | 73.7 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 4000 | 41.2 | 69.4 | 72.5 | 74.5 | 75.7 | 75.9 | 76.3 | 76.4 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 3500 | 41.7 | 70.8 | 74.1 | 76.1 | 77.4 | 77.6 | 77.9 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 3000 | 42.2 | 72.1 | 75.7 | 77.8 | 79.2 | 79.6 | 79.9 | 80.1 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 2500 | 42.7 | 73.5 | 77.3 | 79.6 | 81.2 | 81.5 | 81.9 | 82.1 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2000 | 43.0 | 74.3 | 78.3 | 80.7 | 82.4 | 82.8 | 83.2 | 83.5 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 1800 | 43.0 | 74.6 | 78.7 | 81.1 | 82.9 | 83.2 | 83.7 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 1500 | 43.2 | 75.4 | 79.9 | 82.4 | 84.2 | 84.5 | 85.0 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1200 | 43.3 | 76.6 | 81.4 | 84.2 | 86.2 | 86.6 | 87.1 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 1000 | 43.5 | 77.4 | 82.5 | 85.5 | 87.6 | 87.9 | 88.6 | 88.9 | 89.0 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 900 | 43.7 | 77.8 | 83.1 | 86.3 | 88.4 | 88.7 | 89.4 | 89.7 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 800 | 43.8 | 78.0 | 83.4 | 86.9 | 89.1 | 89.5 | 90.4 | 90.8 | 90.9 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 700 | 43.8 | 78.3 | 84.1 | 87.7 | 90.3 | 90.8 | 92.1 | 92.4 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 600 | 43.8 | 78.8 | 84.7 | 88.6 | 91.5 | 92.1 | 93.7 | 94.2 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 500 | 43.8 | 79.0 | 85.0 | 89.1 | 92.2 | 92.9 | 94.7 | 95.3 | 95.5 | 96.0 | 96.0 | 96.0 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 400 | 43.8 | 79.1 | 85.1 | 89.4 | 92.7 | 93.4 | 95.4 | 96.2 | 96.4 | 96.9 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 300 | 43.8 | 79.1 | 85.2 | 89.4 | 92.9 | 93.8 | 95.9 | 97.0 | 97.2 | 97.7 | 97.9 | 98.0 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 200 | 43.8 | 79.1 | 85.2 | 89.4 | 93.0 | 93.9 | 96.0 | 97.3 | 97.5 | 98.1 | 98.5 | 98.6 | 99.1 | 99.1 | 99.3 | 99.3 |
| ≥ 100 | 43.8 | 79.1 | 85.2 | 89.4 | 93.0 | 93.9 | 96.0 | 97.4 | 97.6 | 98.2 | 98.7 | 98.8 | 99.5 | 99.5 | 99.7 | 99.7 |
| 0 | 43.8 | 79.1 | 85.2 | 89.4 | 93.0 | 93.9 | 96.0 | 97.4 | 97.6 | 98.2 | 98.7 | 98.8 | 99.5 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2320

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.1 | 42.0 | 42.7 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 | 43.0 |
| ≥ 20000 | 33.9 | 49.7 | 50.7 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 |
| ≥ 18000 | 33.9 | 49.9 | 50.9 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 |
| ≥ 16000 | 33.9 | 50.3 | 51.3 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 14000 | 34.1 | 50.9 | 51.9 | 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 |
| ≥ 12000 | 35.0 | 52.4 | 53.4 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 10000 | 36.9 | 56.1 | 57.3 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 9000 | 37.5 | 57.0 | 58.2 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 8000 | 38.7 | 59.8 | 61.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 7000 | 39.3 | 62.0 | 63.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 6000 | 40.0 | 63.5 | 65.0 | 66.2 | 66.3 | 66.3 | 66.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 5000 | 42.0 | 66.9 | 68.5 | 69.7 | 69.9 | 69.9 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 4500 | 43.1 | 68.7 | 70.3 | 71.5 | 71.7 | 71.7 | 71.7 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 4000 | 45.0 | 72.0 | 74.1 | 75.5 | 75.8 | 75.8 | 75.9 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3500 | 46.9 | 75.0 | 77.3 | 78.9 | 79.2 | 79.2 | 79.3 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3000 | 47.5 | 76.8 | 79.3 | 80.8 | 81.5 | 81.5 | 81.5 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 2500 | 48.7 | 78.6 | 81.1 | 82.7 | 83.4 | 83.5 | 83.6 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 2000 | 49.4 | 80.1 | 83.0 | 84.8 | 85.6 | 85.6 | 85.7 | 85.8 | 85.9 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 1800 | 49.6 | 80.6 | 83.5 | 85.4 | 86.1 | 86.2 | 86.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1500 | 49.8 | 81.5 | 84.5 | 86.7 | 87.8 | 88.0 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 1200 | 50.0 | 82.7 | 86.0 | 88.4 | 89.6 | 89.9 | 90.2 | 90.4 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1000 | 50.2 | 83.3 | 86.8 | 89.2 | 90.7 | 91.2 | 91.5 | 91.8 | 91.9 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 900 | 50.2 | 83.7 | 87.3 | 90.0 | 91.6 | 92.2 | 92.6 | 92.9 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 800 | 50.2 | 84.0 | 87.6 | 90.5 | 92.2 | 92.9 | 93.4 | 93.7 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 700 | 50.2 | 84.2 | 88.0 | 91.1 | 93.2 | 94.0 | 94.6 | 94.9 | 95.0 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 600 | 50.2 | 84.5 | 88.3 | 91.5 | 93.6 | 94.5 | 95.3 | 95.8 | 96.0 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 500 | 50.2 | 84.6 | 88.7 | 92.0 | 94.2 | 95.2 | 96.3 | 97.0 | 97.2 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 50.2 | 84.7 | 88.7 | 92.1 | 94.5 | 95.5 | 96.7 | 97.7 | 97.9 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 50.2 | 84.7 | 88.8 | 92.2 | 94.6 | 95.7 | 96.9 | 98.3 | 98.5 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 50.2 | 84.7 | 88.8 | 92.2 | 94.6 | 95.7 | 96.9 | 98.3 | 98.5 | 99.3 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 50.2 | 84.7 | 88.8 | 92.2 | 94.6 | 95.7 | 96.9 | 98.3 | 98.5 | 99.3 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 50.2 | 84.7 | 88.8 | 92.2 | 94.6 | 95.7 | 96.9 | 98.3 | 98.5 | 99.3 | 99.6 | 99.6 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2323

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (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 | 29.9 | 43.8 | 44.2 | 44.3 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | 36.5 | 53.1 | 54.0 | 54.3 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 18000 | 36.5 | 53.5 | 54.4 | 54.7 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 16000 | 36.8 | 54.0 | 55.0 | 55.4 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 14000 | 37.0 | 54.5 | 55.6 | 55.9 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 |
| ≥ 12000 | 38.3 | 56.8 | 58.0 | 58.3 | 58.5 | 58.5 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 | 58.7 |
| ≥ 10000 | 40.2 | 60.0 | 61.4 | 61.8 | 62.0 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 9000 | 40.5 | 60.7 | 62.1 | 62.5 | 62.7 | 62.8 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 8000 | 41.5 | 63.2 | 64.8 | 65.2 | 65.5 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 |
| ≥ 7000 | 42.2 | 65.5 | 67.5 | 68.1 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 |
| ≥ 6000 | 43.6 | 67.6 | 69.6 | 70.2 | 70.7 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 |
| ≥ 5000 | 45.5 | 70.8 | 73.3 | 73.9 | 74.5 | 74.7 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 4500 | 45.8 | 71.5 | 73.9 | 74.7 | 75.4 | 75.5 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 |
| ≥ 4000 | 47.4 | 74.7 | 77.5 | 78.4 | 79.3 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 |
| ≥ 3500 | 48.4 | 76.8 | 79.8 | 80.8 | 81.9 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 |
| ≥ 3000 | 48.7 | 78.1 | 81.4 | 82.7 | 83.9 | 84.0 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 2500 | 49.1 | 79.2 | 82.7 | 84.0 | 85.4 | 85.5 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 |
| ≥ 2000 | 49.7 | 80.3 | 84.0 | 85.5 | 87.0 | 87.3 | 87.7 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1800 | 49.7 | 80.5 | 84.1 | 85.7 | 87.3 | 87.6 | 88.0 | 88.0 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 |
| ≥ 1500 | 50.0 | 81.1 | 84.8 | 86.8 | 88.5 | 88.9 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1200 | 50.1 | 81.6 | 85.7 | 87.8 | 89.9 | 90.4 | 91.0 | 91.1 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 |
| ≥ 1000 | 50.1 | 82.2 | 86.2 | 88.4 | 90.9 | 91.5 | 92.2 | 92.3 | 92.3 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 900 | 50.1 | 82.4 | 86.5 | 88.8 | 91.6 | 92.4 | 93.1 | 93.4 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 |
| ≥ 800 | 50.1 | 82.4 | 86.7 | 89.1 | 92.1 | 92.9 | 93.7 | 94.0 | 94.0 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 50.1 | 82.5 | 87.0 | 89.6 | 92.8 | 93.5 | 94.3 | 94.7 | 94.7 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 600 | 50.1 | 82.6 | 87.1 | 90.0 | 93.5 | 94.3 | 95.4 | 96.0 | 96.1 | 96.5 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 500 | 50.1 | 82.7 | 87.4 | 90.4 | 94.0 | 94.8 | 96.1 | 96.8 | 96.9 | 97.5 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 50.2 | 82.7 | 87.5 | 90.6 | 94.3 | 95.2 | 96.5 | 97.4 | 97.5 | 98.2 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 50.2 | 82.7 | 87.5 | 90.6 | 94.4 | 95.3 | 96.7 | 97.6 | 97.8 | 98.5 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 200 | 50.2 | 82.7 | 87.5 | 90.6 | 94.5 | 95.4 | 96.8 | 97.7 | 98.0 | 98.7 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 |
| ≥ 100 | 50.2 | 82.7 | 87.5 | 90.6 | 94.5 | 95.5 | 96.9 | 97.8 | 98.1 | 98.9 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 |
| 0 | 50.2 | 82.7 | 87.5 | 90.6 | 94.5 | 95.5 | 96.9 | 97.8 | 98.1 | 98.9 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2318

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.1 | 46.9 | 47.6 | 48.4 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 20000 | 33.2 | 54.1 | 55.2 | 56.3 | 56.9 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 18000 | 33.2 | 54.4 | 55.4 | 56.5 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 16000 | 33.2 | 55.0 | 56.0 | 57.2 | 57.8 | 57.9 | 58.0 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 |
| ≥ 14000 | 33.6 | 56.0 | 57.1 | 58.4 | 59.0 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 12000 | 34.5 | 57.8 | 58.9 | 60.3 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 10000 | 35.8 | 61.3 | 62.6 | 64.1 | 64.7 | 64.7 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 9000 | 36.1 | 62.2 | 63.5 | 65.0 | 65.7 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 8000 | 36.9 | 64.3 | 65.8 | 67.5 | 68.2 | 68.4 | 68.5 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 7000 | 37.9 | 66.9 | 68.4 | 70.5 | 71.3 | 71.5 | 71.6 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 6000 | 39.0 | 68.8 | 70.6 | 72.9 | 73.6 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 5000 | 40.7 | 72.1 | 73.8 | 76.4 | 77.4 | 77.6 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4500 | 41.2 | 73.0 | 74.8 | 77.5 | 78.6 | 78.8 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 4000 | 41.9 | 75.0 | 77.2 | 80.2 | 81.5 | 81.7 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 3500 | 42.2 | 75.9 | 78.3 | 81.3 | 82.7 | 83.0 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3000 | 42.3 | 76.6 | 79.2 | 82.5 | 84.1 | 84.4 | 85.0 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 2500 | 42.5 | 77.4 | 80.1 | 83.6 | 85.3 | 85.7 | 86.3 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2000 | 42.7 | 77.9 | 80.8 | 84.3 | 86.1 | 86.5 | 87.1 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 1800 | 42.8 | 78.3 | 81.3 | 84.7 | 86.6 | 87.0 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1500 | 42.8 | 78.6 | 81.6 | 85.2 | 87.4 | 87.8 | 88.5 | 88.9 | 88.9 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1200 | 42.9 | 79.2 | 82.3 | 86.0 | 88.4 | 88.9 | 89.7 | 90.0 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1000 | 43.0 | 79.7 | 83.0 | 86.9 | 89.7 | 90.1 | 91.1 | 91.4 | 91.4 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 900 | 43.0 | 80.0 | 83.4 | 87.4 | 90.3 | 90.8 | 91.8 | 92.2 | 92.2 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 800 | 43.0 | 80.3 | 83.7 | 87.8 | 91.0 | 91.5 | 92.6 | 93.1 | 93.1 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 700 | 43.0 | 80.5 | 83.9 | 88.1 | 91.3 | 91.8 | 93.1 | 93.8 | 93.8 | 94.5 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 600 | 43.0 | 80.6 | 84.1 | 88.3 | 91.9 | 92.4 | 93.8 | 94.5 | 94.5 | 95.4 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 500 | 43.0 | 80.7 | 84.2 | 88.5 | 92.2 | 92.8 | 94.5 | 95.3 | 95.4 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 43.0 | 80.7 | 84.3 | 88.6 | 92.4 | 93.0 | 94.7 | 95.7 | 95.8 | 96.9 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 43.0 | 80.8 | 84.4 | 88.7 | 92.6 | 93.2 | 95.0 | 96.2 | 96.3 | 97.6 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 200 | 43.0 | 80.8 | 84.4 | 88.8 | 92.7 | 93.3 | 95.1 | 96.4 | 96.8 | 98.1 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 100 | 43.0 | 80.8 | 84.4 | 88.8 | 92.7 | 93.3 | 95.1 | 96.4 | 96.8 | 98.1 | 98.8 | 99.1 | 99.5 | 99.5 | 99.7 | 99.7 |
| ≥ 0 | 43.0 | 80.8 | 84.4 | 88.8 | 92.7 | 93.3 | 95.1 | 96.4 | 96.8 | 98.1 | 98.8 | 99.1 | 99.5 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2320

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

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

2100-2300 (HOURS IN S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅜ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.9 | 50.4 | 52.5 | 53.5 | 54.5 | 54.6 | 54.7 | 54.9 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 20000 | 31.2 | 53.6 | 56.1 | 57.4 | 58.5 | 58.6 | 58.7 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 18000 | 31.2 | 53.8 | 56.1 | 57.4 | 58.5 | 58.6 | 58.7 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 16000 | 31.3 | 54.0 | 56.3 | 57.6 | 58.8 | 58.9 | 59.0 | 59.2 | 59.3 | 59.3 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 14000 | 31.5 | 55.1 | 57.4 | 58.9 | 60.1 | 60.2 | 60.4 | 60.6 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 |
| ≥ 12000 | 32.0 | 56.5 | 58.9 | 60.5 | 61.7 | 61.9 | 62.0 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 10000 | 32.9 | 59.9 | 62.4 | 64.2 | 65.4 | 65.5 | 65.7 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 9000 | 33.8 | 61.6 | 64.2 | 66.1 | 67.3 | 67.4 | 67.7 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 8000 | 34.8 | 64.3 | 67.1 | 69.1 | 70.6 | 70.7 | 70.9 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 7000 | 35.8 | 66.5 | 69.4 | 71.7 | 73.2 | 73.3 | 73.6 | 73.8 | 73.9 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 6000 | 36.6 | 68.4 | 71.4 | 73.9 | 75.4 | 75.6 | 75.8 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 5000 | 37.4 | 71 | 74.3 | 77.0 | 78.6 | 78.8 | 79.1 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4500 | 37.9 | 72. | 75.7 | 78.6 | 80.2 | 80.4 | 80.7 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4000 | 38.3 | 73.2 | 76.9 | 79.9 | 81.7 | 82.0 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | 38.3 | 73.9 | 77.6 | 80.8 | 82.6 | 82.8 | 83.1 | 83.4 | 83.4 | 83.5 | 83.5 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3000 | 38.6 | 74.7 | 78.6 | 82.0 | 84.0 | 84.2 | 84.6 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 2500 | 38.6 | 75.2 | 79.2 | 82.8 | 84.9 | 85.1 | 85.5 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 2000 | 38.7 | 75.6 | 79.6 | 83.2 | 85.6 | 85.9 | 86.4 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 1800 | 38.8 | 75.8 | 79.8 | 83.5 | 85.9 | 86.3 | 86.8 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 1500 | 38.8 | 76.2 | 80.4 | 84.1 | 86.8 | 87.2 | 87.9 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 |
| ≥ 1200 | 38.8 | 76.9 | 81.0 | 84.8 | 88.0 | 88.4 | 89.1 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 |
| ≥ 1000 | 38.9 | 77.5 | 81.8 | 85.7 | 89.0 | 89.5 | 90.3 | 90.8 | 90.8 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.6 | 91.6 |
| ≥ 900 | 38.9 | 77.8 | 82.1 | 86.2 | 89.8 | 90.3 | 91.1 | 91.6 | 91.7 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 800 | 38.9 | 78.1 | 82.4 | 86.6 | 90.2 | 90.7 | 91.7 | 92.2 | 92.3 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 700 | 38.9 | 78.2 | 82.6 | 86.9 | 90.7 | 91.2 | 92.3 | 92.9 | 93.0 | 93.4 | 93.5 | 93.5 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 600 | 38.9 | 78.5 | 82.9 | 87.3 | 91.3 | 91.9 | 93.3 | 93.9 | 94.0 | 94.5 | 94.5 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 |
| ≥ 500 | 38.9 | 78.7 | 83.3 | 88.0 | 92.1 | 92.7 | 94.3 | 95.0 | 95.1 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 400 | 38.9 | 78.7 | 83.3 | 88.1 | 92.4 | 93.3 | 94.9 | 95.8 | 96.0 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 300 | 38.9 | 78.8 | 83.5 | 88.4 | 93.0 | 93.9 | 95.7 | 96.8 | 97.0 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 |
| ≥ 200 | 38.9 | 78.8 | 83.6 | 88.4 | 93.1 | 94.0 | 95.8 | 97.0 | 97.2 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 |
| ≥ 100 | 38.9 | 78.8 | 83.6 | 88.4 | 93.1 | 94.0 | 95.8 | 97.1 | 97.2 | 98.1 | 98.4 | 98.4 | 98.8 | 98.9 | 99.1 | 99.4 |
| ≥ 0 | 38.9 | 78.8 | 83.6 | 88.4 | 93.1 | 94.0 | 95.8 | 97.1 | 97.2 | 98.1 | 98.4 | 98.4 | 98.8 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2316

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 26.1 | 47.5 | 49.6 | 52.0 | 53.3 | 53.4 | 53.8 | 54.1 | 54.2 | 54.4 | 54.4 | 54.5 | 54.5 | 54.7 | 54.7 | 54.8 |
| ≥ 20000 | 28.1 | 50.6 | 52.9 | 55.2 | 56.6 | 56.8 | 57.1 | 57.4 | 57.5 | 57.7 | 57.7 | 57.8 | 57.9 | 58.1 | 58.1 | 58.2 |
| ≥ 18000 | 28.1 | 50.6 | 52.9 | 55.3 | 56.7 | 56.8 | 57.2 | 57.5 | 57.6 | 57.8 | 57.8 | 57.9 | 57.9 | 58.1 | 58.2 | 58.3 |
| ≥ 16000 | 28.1 | 50.7 | 53.0 | 55.4 | 56.8 | 57.0 | 57.4 | 57.6 | 57.7 | 57.9 | 57.9 | 58.0 | 58.1 | 58.3 | 58.4 | 58.4 |
| ≥ 14000 | 28.6 | 52.0 | 54.3 | 56.9 | 58.4 | 58.6 | 59.0 | 59.3 | 59.4 | 59.6 | 59.6 | 59.6 | 59.7 | 59.9 | 60.0 | 60.1 |
| ≥ 12000 | 29.4 | 53.7 | 56.3 | 58.9 | 60.5 | 60.6 | 61.1 | 61.4 | 61.5 | 61.7 | 61.7 | 61.8 | 61.8 | 62.0 | 62.1 | 62.2 |
| ≥ 10000 | 31.3 | 57.4 | 60.1 | 62.8 | 64.5 | 64.7 | 65.3 | 65.6 | 65.7 | 66.0 | 66.0 | 66.1 | 66.2 | 66.4 | 66.5 | 66.5 |
| ≥ 9000 | 31.8 | 58.4 | 61.3 | 64.0 | 65.9 | 66.0 | 66.6 | 67.0 | 67.0 | 67.5 | 67.5 | 67.5 | 67.6 | 67.8 | 67.9 | 68.0 |
| ≥ 8000 | 33.1 | 61.5 | 64.5 | 67.4 | 69.4 | 69.5 | 70.2 | 70.5 | 70.6 | 71.0 | 71.0 | 71.1 | 71.2 | 71.4 | 71.4 | 71.5 |
| ≥ 7000 | 34.5 | 64.5 | 67.7 | 70.9 | 72.9 | 73.1 | 73.8 | 74.1 | 74.2 | 74.6 | 74.6 | 74.7 | 74.8 | 75.0 | 75.1 | 75.1 |
| ≥ 6000 | 34.8 | 65.2 | 68.7 | 71.8 | 73.8 | 74.1 | 74.8 | 75.2 | 75.3 | 75.7 | 75.7 | 75.8 | 75.8 | 76.0 | 76.1 | 76.2 |
| ≥ 5000 | 35.2 | 66.9 | 71.0 | 74.4 | 76.6 | 76.9 | 77.6 | 78.0 | 78.1 | 78.6 | 78.6 | 78.6 | 78.7 | 78.9 | 79.0 | 79.1 |
| ≥ 4500 | 35.5 | 67.3 | 71.6 | 75.1 | 77.4 | 77.7 | 78.4 | 78.8 | 78.9 | 79.3 | 79.3 | 79.4 | 79.5 | 79.7 | 79.8 | 79.8 |
| ≥ 4000 | 35.9 | 68.1 | 72.4 | 76.2 | 78.8 | 79.1 | 80.0 | 80.3 | 80.4 | 80.9 | 80.9 | 81.0 | 81.0 | 81.2 | 81.3 | 81.4 |
| ≥ 3500 | 36.2 | 68.8 | 73.2 | 77.2 | 79.8 | 80.1 | 81.0 | 81.3 | 81.4 | 81.9 | 81.9 | 82.0 | 82.0 | 82.2 | 82.3 | 82.4 |
| ≥ 3000 | 36.2 | 69.3 | 74.0 | 78.1 | 80.9 | 81.2 | 82.0 | 82.4 | 82.5 | 82.9 | 82.9 | 83.0 | 83.0 | 83.3 | 83.3 | 83.4 |
| ≥ 2500 | 36.3 | 69.8 | 74.5 | 78.9 | 81.8 | 82.0 | 82.9 | 83.3 | 83.4 | 83.8 | 83.8 | 83.9 | 84.0 | 84.2 | 84.2 | 84.3 |
| ≥ 2000 | 36.5 | 70.4 | 75.3 | 79.8 | 82.9 | 83.3 | 84.2 | 84.7 | 84.7 | 85.2 | 85.2 | 85.3 | 85.4 | 85.6 | 85.7 | 85.7 |
| ≥ 1800 | 36.6 | 70.7 | 75.7 | 80.2 | 83.3 | 83.7 | 84.7 | 85.2 | 85.3 | 85.8 | 85.8 | 85.9 | 86.0 | 86.2 | 86.2 | 86.3 |
| ≥ 1500 | 36.6 | 71.3 | 76.4 | 81.0 | 84.2 | 84.7 | 85.7 | 86.2 | 86.3 | 86.8 | 86.8 | 86.9 | 86.9 | 87.2 | 87.2 | 87.3 |
| ≥ 1200 | 36.6 | 71.7 | 76.9 | 81.5 | 85.1 | 85.5 | 86.6 | 87.1 | 87.2 | 87.8 | 87.8 | 87.9 | 87.9 | 88.1 | 88.2 | 88.3 |
| ≥ 1000 | 36.7 | 72.0 | 77.4 | 82.1 | 86.0 | 86.4 | 87.6 | 88.2 | 88.2 | 88.9 | 88.9 | 89.0 | 89.1 | 89.3 | 89.4 | 89.4 |
| ≥ 900 | 36.8 | 72.2 | 77.6 | 82.4 | 86.4 | 86.9 | 88.1 | 88.6 | 88.7 | 89.4 | 89.4 | 89.5 | 89.5 | 89.7 | 89.8 | 89.9 |
| ≥ 800 | 36.8 | 72.6 | 78.2 | 83.2 | 87.2 | 87.7 | 88.9 | 89.5 | 89.6 | 90.3 | 90.3 | 90.4 | 90.4 | 90.6 | 90.7 | 90.8 |
| ≥ 700 | 36.8 | 72.8 | 78.5 | 83.6 | 87.7 | 88.2 | 89.6 | 90.2 | 90.3 | 91.0 | 91.0 | 91.1 | 91.1 | 91.4 | 91.4 | 91.5 |
| ≥ 600 | 36.8 | 72.9 | 78.9 | 84.1 | 88.5 | 89.2 | 90.8 | 91.5 | 91.6 | 92.3 | 92.3 | 92.4 | 92.4 | 92.7 | 92.8 | 92.9 |
| ≥ 500 | 36.8 | 72.9 | 79.0 | 84.3 | 89.0 | 90.0 | 91.6 | 92.7 | 92.8 | 93.6 | 93.6 | 93.7 | 93.8 | 94.1 | 94.2 | 94.3 |
| ≥ 400 | 36.8 | 73.0 | 79.2 | 84.7 | 89.7 | 90.8 | 92.6 | 93.6 | 93.7 | 94.8 | 94.8 | 94.9 | 95.1 | 95.3 | 95.4 | 95.5 |
| ≥ 300 | 36.8 | 73.2 | 79.4 | 84.9 | 89.9 | 91.2 | 93.2 | 94.6 | 94.7 | 95.9 | 96.0 | 96.1 | 96.3 | 96.6 | 96.7 | 96.8 |
| ≥ 200 | 36.8 | 73.2 | 79.4 | 85.0 | 90.1 | 91.4 | 93.5 | 95.1 | 95.3 | 96.8 | 97.0 | 97.2 | 97.5 | 97.8 | 98.0 | 98.2 |
| ≥ 100 | 36.8 | 73.2 | 79.4 | 85.0 | 90.1 | 91.4 | 93.5 | 95.1 | 95.3 | 97.0 | 97.3 | 97.5 | 98.1 | 98.5 | 98.8 | 99.0 |
| ≥ 0 | 36.8 | 73.2 | 79.4 | 85.0 | 90.1 | 91.4 | 93.5 | 95.1 | 95.3 | 97.0 | 97.3 | 97.5 | 98.2 | 98.6 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 20.9 | 41.2 | 44.1 | 46.6 | 48.3 | 48.8 | 49.5 | 49.9 | 49.9 | 50.1 | 50.4 | 50.4 | 50.6 | 50.6 | 50.8 | 51.0 |
| ≥ 20000 | 22.3 | 44.1 | 47.1 | 49.7 | 51.5 | 52.1 | 52.8 | 53.4 | 53.4 | 53.6 | 53.9 | 54.0 | 54.2 | 54.2 | 54.4 | 54.7 |
| ≥ 18000 | 22.3 | 44.1 | 47.1 | 49.8 | 51.7 | 52.2 | 52.9 | 53.5 | 53.6 | 53.7 | 54.1 | 54.1 | 54.3 | 54.4 | 54.5 | 54.8 |
| ≥ 16000 | 22.4 | 44.3 | 47.3 | 50.0 | 51.9 | 52.4 | 53.1 | 53.7 | 53.8 | 53.9 | 54.3 | 54.3 | 54.5 | 54.6 | 54.7 | 55.0 |
| ≥ 14000 | 22.5 | 45.3 | 48.3 | 51.0 | 53.1 | 53.6 | 54.4 | 54.9 | 55.0 | 55.3 | 55.6 | 55.7 | 55.9 | 55.9 | 56.1 | 56.4 |
| ≥ 12000 | 23.5 | 47.3 | 50.5 | 53.3 | 55.4 | 56.0 | 56.8 | 57.4 | 57.5 | 57.7 | 58.1 | 58.1 | 58.3 | 58.4 | 58.5 | 58.8 |
| ≥ 10000 | 25.4 | 51.0 | 54.6 | 57.7 | 60.0 | 60.7 | 61.5 | 62.2 | 62.2 | 62.6 | 63.0 | 63.0 | 63.2 | 63.3 | 63.4 | 63.7 |
| ≥ 9000 | 26.1 | 52.7 | 56.3 | 59.4 | 61.7 | 62.4 | 63.3 | 63.9 | 64.0 | 64.4 | 64.8 | 64.9 | 65.1 | 65.1 | 65.3 | 65.6 |
| ≥ 8000 | 27.4 | 54.8 | 58.7 | 62.0 | 64.5 | 65.2 | 66.1 | 66.7 | 66.8 | 67.2 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.3 |
| ≥ 7000 | 28.3 | 57.4 | 61.5 | 65.5 | 68.2 | 68.9 | 69.8 | 70.5 | 70.5 | 70.9 | 71.3 | 71.4 | 71.6 | 71.6 | 71.8 | 72.1 |
| ≥ 6000 | 28.8 | 58.4 | 62.7 | 66.8 | 69.6 | 70.4 | 71.3 | 72.0 | 72.0 | 72.4 | 72.8 | 72.9 | 73.1 | 73.1 | 73.3 | 73.6 |
| ≥ 5000 | 29.2 | 60.0 | 64.5 | 69.0 | 71.9 | 72.7 | 73.7 | 74.4 | 74.4 | 74.8 | 75.2 | 75.3 | 75.5 | 75.6 | 75.7 | 76.0 |
| ≥ 4500 | 29.2 | 60.3 | 64.9 | 69.6 | 72.6 | 73.4 | 74.4 | 75.1 | 75.2 | 75.6 | 76.1 | 76.1 | 76.3 | 76.4 | 76.6 | 76.8 |
| ≥ 4000 | 29.6 | 61.3 | 66.0 | 70.9 | 74.0 | 74.9 | 75.9 | 76.7 | 76.8 | 77.2 | 77.7 | 77.7 | 77.9 | 78.0 | 78.2 | 78.5 |
| ≥ 3500 | 29.9 | 62.2 | 67.1 | 72.0 | 75.3 | 76.1 | 77.2 | 78.0 | 78.1 | 78.5 | 79.0 | 79.0 | 79.3 | 79.3 | 79.5 | 79.8 |
| ≥ 3000 | 29.9 | 62.7 | 67.7 | 72.7 | 76.1 | 77.1 | 78.2 | 79.0 | 79.1 | 79.6 | 80.0 | 80.1 | 80.3 | 80.4 | 80.5 | 80.8 |
| ≥ 2500 | 30.0 | 63.4 | 68.5 | 73.7 | 77.2 | 78.1 | 79.3 | 80.1 | 80.2 | 80.7 | 81.2 | 81.2 | 81.5 | 81.5 | 81.7 | 82.0 |
| ≥ 2000 | 30.2 | 64.0 | 69.3 | 74.5 | 78.3 | 79.4 | 80.7 | 81.6 | 81.7 | 82.2 | 82.7 | 82.7 | 82.9 | 83.0 | 83.2 | 83.5 |
| ≥ 1800 | 30.2 | 64.2 | 69.5 | 74.8 | 78.7 | 79.8 | 81.1 | 82.0 | 82.1 | 82.6 | 83.1 | 83.2 | 83.4 | 83.4 | 83.6 | 83.9 |
| ≥ 1500 | 30.2 | 64.6 | 69.9 | 75.3 | 79.3 | 80.4 | 81.8 | 82.9 | 82.9 | 83.5 | 84.0 | 84.0 | 84.2 | 84.3 | 84.5 | 84.8 |
| ≥ 1200 | 30.4 | 65.4 | 70.7 | 76.1 | 80.2 | 81.3 | 82.9 | 83.9 | 84.0 | 84.6 | 85.1 | 85.1 | 85.4 | 85.4 | 85.6 | 85.9 |
| ≥ 1000 | 30.4 | 65.9 | 71.3 | 76.8 | 81.1 | 82.3 | 84.1 | 85.2 | 85.3 | 85.9 | 86.5 | 86.5 | 86.7 | 86.8 | 87.0 | 87.3 |
| ≥ 900 | 30.6 | 66.2 | 71.9 | 77.4 | 81.8 | 83.1 | 84.9 | 86.0 | 86.1 | 86.7 | 87.3 | 87.3 | 87.5 | 87.6 | 87.8 | 88.0 |
| ≥ 800 | 30.7 | 66.4 | 72.2 | 77.8 | 82.4 | 83.7 | 85.6 | 86.8 | 86.8 | 87.5 | 88.0 | 88.1 | 88.3 | 88.4 | 88.5 | 88.8 |
| ≥ 700 | 30.7 | 66.9 | 72.8 | 78.6 | 83.3 | 84.7 | 86.7 | 87.9 | 88.0 | 88.6 | 89.2 | 89.2 | 89.4 | 89.5 | 89.7 | 90.0 |
| ≥ 600 | 30.7 | 67.2 | 73.3 | 79.3 | 84.2 | 85.8 | 88.0 | 89.2 | 89.3 | 90.0 | 90.6 | 90.7 | 90.9 | 91.0 | 91.2 | 91.5 |
| ≥ 500 | 30.7 | 67.3 | 73.5 | 79.8 | 85.1 | 86.8 | 89.1 | 90.5 | 90.7 | 91.5 | 92.2 | 92.2 | 92.5 | 92.7 | 92.8 | 93.1 |
| ≥ 400 | 30.7 | 67.4 | 73.6 | 80.1 | 85.8 | 87.6 | 90.3 | 91.8 | 92.0 | 93.1 | 93.8 | 93.8 | 94.1 | 94.3 | 94.6 | 94.9 |
| ≥ 300 | 30.7 | 67.5 | 73.7 | 80.2 | 86.1 | 88.0 | 91.0 | 92.8 | 93.0 | 94.3 | 95.0 | 95.0 | 95.4 | 95.6 | 95.9 | 96.3 |
| ≥ 200 | 30.7 | 67.5 | 73.7 | 80.2 | 86.3 | 88.2 | 91.5 | 93.4 | 93.7 | 95.1 | 95.8 | 95.9 | 96.5 | 96.7 | 97.2 | 97.6 |
| ≥ 100 | 30.7 | 67.5 | 73.7 | 80.2 | 86.3 | 88.2 | 91.5 | 93.5 | 93.8 | 95.3 | 96.1 | 96.3 | 97.0 | 97.3 | 98.0 | 98.5 |
| ≥ 0 | 30.7 | 67.5 | 73.7 | 80.2 | 86.3 | 88.2 | 91.5 | 93.5 | 93.8 | 95.3 | 96.1 | 96.3 | 97.1 | 97.5 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2410

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (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 | 21.7 | 41.1 | 43.6 | 45.3 | 46.5 | 46.8 | 47.0 | 47.3 | 47.3 | 47.4 | 47.5 | 47.5 | 47.5 | 47.5 | 47.5 | 47.7 |
| ≥ 20000 | 23.2 | 45.2 | 48.4 | 50.5 | 52.0 | 52.5 | 52.7 | 53.0 | 53.0 | 53.1 | 53.2 | 53.2 | 53.3 | 53.3 | 53.3 | 53.5 |
| ≥ 18000 | 23.2 | 45.3 | 48.4 | 50.6 | 52.1 | 52.5 | 52.8 | 53.1 | 53.1 | 53.2 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.6 |
| ≥ 16000 | 23.3 | 45.4 | 48.6 | 50.8 | 52.3 | 52.7 | 53.0 | 53.2 | 53.2 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.8 |
| ≥ 14000 | 23.7 | 46.5 | 49.8 | 52.0 | 53.5 | 53.9 | 54.2 | 54.5 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 55.0 |
| ≥ 12000 | 25.0 | 48.8 | 52.2 | 54.6 | 56.2 | 56.6 | 56.9 | 57.2 | 57.2 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.7 |
| ≥ 10000 | 26.2 | 52.2 | 55.9 | 58.7 | 60.4 | 60.9 | 61.3 | 61.5 | 61.5 | 61.6 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 62.1 |
| ≥ 9000 | 26.9 | 53.7 | 57.5 | 60.4 | 62.3 | 62.8 | 63.1 | 63.4 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 64.0 |
| ≥ 8000 | 28.1 | 56.4 | 60.6 | 63.6 | 65.6 | 66.1 | 66.4 | 66.7 | 66.7 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.3 |
| ≥ 7000 | 28.9 | 58.2 | 62.6 | 66.0 | 67.9 | 68.6 | 69.0 | 69.3 | 69.3 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.8 |
| ≥ 6000 | 29.2 | 59.2 | 63.8 | 67.5 | 69.6 | 70.3 | 70.8 | 71.0 | 71.0 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.6 |
| ≥ 5000 | 30.0 | 61.0 | 65.9 | 69.9 | 72.3 | 73.0 | 73.5 | 73.8 | 73.8 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.4 |
| ≥ 4500 | 30.2 | 61.6 | 66.5 | 70.5 | 73.0 | 73.6 | 74.2 | 74.5 | 74.5 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 75.1 |
| ≥ 4000 | 30.4 | 62.4 | 67.3 | 71.4 | 74.0 | 74.7 | 75.3 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.2 |
| ≥ 3500 | 30.8 | 62.9 | 67.9 | 72.0 | 74.9 | 75.6 | 76.3 | 76.6 | 76.6 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.2 |
| ≥ 3000 | 31.1 | 63.9 | 69.0 | 73.3 | 76.4 | 77.1 | 78.0 | 78.4 | 78.4 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 79.0 |
| ≥ 2500 | 31.2 | 64.4 | 69.6 | 74.0 | 77.2 | 78.0 | 78.9 | 79.3 | 79.3 | 79.5 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.9 |
| ≥ 2000 | 31.4 | 65.2 | 70.6 | 75.2 | 78.5 | 79.2 | 80.2 | 80.7 | 80.7 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.3 |
| ≥ 1800 | 31.4 | 65.3 | 70.7 | 75.4 | 78.7 | 79.5 | 80.5 | 80.9 | 80.9 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.6 |
| ≥ 1500 | 31.7 | 66.3 | 71.9 | 76.7 | 80.0 | 80.8 | 81.9 | 82.3 | 82.3 | 82.5 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 83.0 |
| ≥ 1200 | 31.7 | 67.4 | 73.2 | 78.2 | 81.7 | 82.6 | 83.7 | 84.1 | 84.1 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.8 |
| ≥ 1000 | 32.2 | 68.4 | 74.3 | 79.5 | 83.3 | 84.2 | 85.5 | 86.0 | 86.0 | 86.3 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.8 |
| ≥ 900 | 32.4 | 69.2 | 75.2 | 80.6 | 84.4 | 85.3 | 86.8 | 87.4 | 87.4 | 87.6 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 | 88.1 |
| ≥ 800 | 32.5 | 69.7 | 76.0 | 81.4 | 85.6 | 86.5 | 88.1 | 88.9 | 88.9 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 90.0 |
| ≥ 700 | 32.6 | 70.2 | 76.7 | 82.2 | 86.5 | 87.5 | 89.3 | 90.0 | 90.1 | 90.6 | 90.7 | 90.7 | 91.0 | 91.0 | 91.0 | 91.3 |
| ≥ 600 | 32.6 | 70.3 | 77.1 | 82.7 | 87.3 | 88.4 | 90.3 | 91.2 | 91.3 | 91.8 | 92.0 | 92.0 | 92.3 | 92.4 | 92.4 | 92.7 |
| ≥ 500 | 32.6 | 70.4 | 77.3 | 83.2 | 87.9 | 89.1 | 91.5 | 92.4 | 92.7 | 93.4 | 93.6 | 93.6 | 94.0 | 94.1 | 94.1 | 94.3 |
| ≥ 400 | 32.6 | 70.5 | 77.5 | 83.6 | 88.4 | 89.8 | 92.5 | 93.6 | 93.9 | 94.8 | 95.0 | 95.1 | 95.5 | 95.6 | 95.7 | 95.9 |
| ≥ 300 | 32.6 | 70.6 | 77.5 | 83.7 | 88.9 | 90.3 | 93.1 | 94.5 | 94.8 | 95.9 | 96.2 | 96.2 | 96.7 | 96.9 | 97.0 | 97.2 |
| ≥ 200 | 32.6 | 70.6 | 77.5 | 83.7 | 88.9 | 90.3 | 93.2 | 94.8 | 95.2 | 96.2 | 96.8 | 97.0 | 97.5 | 97.9 | 98.1 | 98.4 |
| ≥ 100 | 32.6 | 70.6 | 77.5 | 83.7 | 88.9 | 90.3 | 93.2 | 94.9 | 95.2 | 96.3 | 96.9 | 97.1 | 97.9 | 98.4 | 98.8 | 99.3 |
| 0 | 32.6 | 70.6 | 77.5 | 83.7 | 88.9 | 90.3 | 93.2 | 94.9 | 95.2 | 96.3 | 96.9 | 97.1 | 97.9 | 98.4 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.6 | 44.8 | 46.2 | 46.6 | 46.9 | 46.9 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| ≥ 20000 | 33.5 | 51.3 | 53.0 | 53.8 | 54.2 | 54.3 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.3 | 54.5 |
| ≥ 18000 | 33.5 | 51.4 | 53.1 | 53.9 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 16000 | 33.8 | 52.0 | 53.7 | 54.5 | 54.8 | 55.0 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 14000 | 34.1 | 52.9 | 54.6 | 55.4 | 55.7 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 12000 | 34.8 | 54.5 | 56.4 | 57.2 | 57.5 | 57.7 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 | 57.9 |
| ≥ 10000 | 36.6 | 58.1 | 60.1 | 61.1 | 61.6 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | 37.3 | 59.4 | 61.4 | 62.4 | 63.0 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 8000 | 38.2 | 61.8 | 63.9 | 65.1 | 65.7 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 7000 | 39.0 | 63.7 | 66.0 | 67.2 | 67.8 | 67.9 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 6000 | 39.5 | 65.3 | 67.7 | 68.9 | 69.7 | 69.9 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 5000 | 40.2 | 67.1 | 69.7 | 71.0 | 72.0 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 4500 | 40.5 | 67.9 | 70.5 | 71.9 | 72.9 | 73.0 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 4000 | 41.3 | 69.2 | 72.0 | 73.4 | 74.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 |
| ≥ 3500 | 41.8 | 70.3 | 73.3 | 74.7 | 75.8 | 75.9 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 3000 | 42.8 | 72.4 | 75.5 | 77.0 | 78.1 | 78.3 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 2500 | 43.3 | 73.5 | 76.7 | 78.4 | 79.5 | 79.7 | 80.0 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 |
| ≥ 2000 | 44.2 | 75.7 | 79.0 | 80.8 | 82.1 | 82.3 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 1800 | 44.3 | 76.1 | 79.4 | 81.3 | 82.8 | 83.0 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 1500 | 44.5 | 77.4 | 81.0 | 83.1 | 84.7 | 84.9 | 85.3 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1200 | 44.8 | 79.1 | 83.1 | 85.4 | 87.1 | 87.3 | 87.8 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1000 | 45.0 | 80.5 | 84.8 | 87.1 | 89.1 | 89.4 | 90.0 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 900 | 45.0 | 80.9 | 85.3 | 87.7 | 89.8 | 90.2 | 90.9 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 800 | 45.0 | 81.6 | 86.1 | 88.5 | 90.6 | 91.2 | 92.0 | 92.5 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 700 | 45.0 | 82.1 | 86.7 | 89.4 | 91.8 | 92.4 | 93.3 | 94.0 | 94.0 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 600 | 45.0 | 82.4 | 87.3 | 90.2 | 92.8 | 93.6 | 94.7 | 95.4 | 95.5 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 45.0 | 82.8 | 87.8 | 90.8 | 93.7 | 94.5 | 95.9 | 96.8 | 96.8 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 400 | 45.0 | 82.8 | 87.9 | 91.1 | 94.1 | 95.1 | 96.6 | 97.6 | 97.7 | 98.4 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 45.0 | 82.9 | 88.1 | 91.3 | 94.4 | 95.4 | 97.0 | 98.2 | 98.3 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 45.0 | 83.0 | 88.1 | 91.3 | 94.5 | 95.5 | 97.1 | 98.3 | 98.4 | 99.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 45.0 | 83.0 | 88.1 | 91.3 | 94.5 | 95.5 | 97.1 | 98.3 | 98.4 | 99.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 45.0 | 83.0 | 88.1 | 91.3 | 94.5 | 95.5 | 97.1 | 98.3 | 98.4 | 99.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.1 | 44.8 | 45.5 | 45.8 | 46.0 | 46.1 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 20000 | 36.8 | 52.6 | 53.6 | 54.1 | 54.4 | 54.5 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 18000 | 36.9 | 52.9 | 53.9 | 54.4 | 54.7 | 54.8 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 16000 | 37.1 | 53.0 | 54.0 | 54.5 | 54.8 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 14000 | 37.8 | 54.3 | 55.2 | 55.8 | 56.0 | 56.2 | 56.4 | 56.4 | 56.4 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 12000 | 38.8 | 56.5 | 57.6 | 58.2 | 58.5 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 10000 | 40.3 | 59.5 | 60.6 | 61.3 | 61.7 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 9000 | 40.9 | 60.4 | 61.6 | 62.3 | 62.7 | 62.9 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 8000 | 41.8 | 62.6 | 63.9 | 64.8 | 65.2 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 7000 | 42.6 | 64.5 | 65.8 | 66.7 | 67.2 | 67.4 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 6000 | 43.0 | 65.6 | 67.0 | 68.1 | 68.7 | 69.0 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 5000 | 44.5 | 68.3 | 69.9 | 71.2 | 71.8 | 72.2 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 4500 | 45.0 | 69.4 | 71.2 | 72.6 | 73.1 | 73.5 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 4000 | 47.1 | 72.5 | 74.6 | 76.0 | 76.6 | 76.9 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 3500 | 48.0 | 74.4 | 76.6 | 78.1 | 78.7 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 3000 | 50 2 | 78.2 | 80.6 | 82.3 | 83.0 | 83.4 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 2500 | 51.5 | 80.8 | 83.2 | 85.1 | 85.8 | 86.1 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 2000 | 52.2 | 83.3 | 85.9 | 88.2 | 88.9 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 1800 | 52.2 | 83.6 | 86.3 | 88.7 | 89.4 | 89.9 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 1500 | 52.5 | 84.6 | 87.8 | 90.3 | 91.1 | 91.6 | 92.2 | 92.3 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1200 | 52.7 | 84.9 | 88.3 | 90.9 | 91.8 | 92.3 | 93.0 | 93.1 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1000 | 52.7 | 85.7 | 89.1 | 91.9 | 93.2 | 93.8 | 94.5 | 94.8 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 900 | 52.7 | 86.1 | 89.6 | 92.5 | 93.8 | 94.5 | 95.3 | 95.5 | 95.5 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 800 | 52.7 | 86.3 | 90.1 | 93.0 | 94.5 | 95.3 | 96.1 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 52.7 | 86.5 | 90.3 | 93.3 | 94.9 | 95.7 | 96.5 | 97.0 | 97.0 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 52.7 | 86.6 | 90.5 | 93.5 | 95.2 | 96.0 | 97.0 | 97.3 | 97.6 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 52.7 | 86.7 | 90.7 | 93.8 | 95.6 | 96.7 | 97.7 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 400 | 52.7 | 86.7 | 90.7 | 93.9 | 95.9 | 97.0 | 98.2 | 98.9 | 99.0 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 52.7 | 86.7 | 90.8 | 94.0 | 96.0 | 97.2 | 98.4 | 99.1 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 52.7 | 86.7 | 90.8 | 94.1 | 96.1 | 97.3 | 98.5 | 99.3 | 99.4 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 52.7 | 86.7 | 90.8 | 94.1 | 96.1 | 97.3 | 98.5 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 52.7 | 86.7 | 90.8 | 94.1 | 96.1 | 97.3 | 98.5 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.0 | 45.2 | 46.0 | 46.5 | 46.6 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 20000 | 38.5 | 55.0 | 56.2 | 56.8 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 18000 | 38.7 | 55.3 | 56.6 | 57.1 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 16000 | 38.7 | 55.5 | 56.7 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 14000 | 39.6 | 56.7 | 58.0 | 58.7 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 12000 | 40.9 | 59.2 | 60.6 | 61.3 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 10000 | 42.4 | 62.0 | 63.6 | 64.3 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 9000 | 43.2 | 63.7 | 65.3 | 66.1 | 66.7 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 |
| ≥ 8000 | 44.8 | 67.2 | 68.9 | 69.7 | 70.3 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 7000 | 46.2 | 69.7 | 71.5 | 72.4 | 73.0 | 73.0 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 6000 | 46.7 | 70.8 | 72.7 | 73.7 | 74.4 | 74.4 | 74.6 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 5000 | 48.0 | 73.0 | 75.3 | 76.4 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4500 | 48.8 | 74.4 | 76.8 | 78.0 | 78.6 | 78.7 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 4000 | 49.6 | 76.4 | 78.9 | 80.1 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 3500 | 50.6 | 78.4 | 81.1 | 82.5 | 83.[illegible] | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3000 | 52.0 | 80.9 | 83.9 | 85.4 | 8[illegible] | [illegible].2 | 86.4 | 86.4 | 86.4 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 2500 | 52.9 | 82.8 | 86.0 | 87.5 | 8[illegible] | [illegible].6 | 88.8 | 88.8 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2000 | 53.3 | 84.4 | 88.0 | 89.6 | 90.[illegible] | 90.8 | 91.1 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1800 | 53.3 | 84.9 | 88.3 | 90.1 | 91.2 | 91.3 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1500 | 53.4 | 85.4 | 89.0 | 90.8 | 92.1 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1200 | 53.4 | 85.8 | 89.4 | 91.6 | 93.0 | 93.3 | 93.9 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1000 | 53.4 | 86.2 | 90.1 | 92.4 | 93.9 | 94.3 | 95.1 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 900 | 53.4 | 86.4 | 90.3 | 92.6 | 94.2 | 94.8 | 95.5 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 800 | 53.5 | 86.8 | 90.9 | 93.3 | 94.9 | 95.5 | 96.4 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 700 | 53.6 | 87.1 | 91.2 | 93.6 | 95.3 | 95.9 | 96.8 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 53.6 | 87.3 | 91.4 | 93.8 | 95.7 | 96.3 | 97.3 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 53.6 | 87.4 | 91.5 | 93.9 | 96.0 | 96.5 | 97.6 | 98.0 | 98.0 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 400 | 53.6 | 87.5 | 91.6 | 94.0 | 96.1 | 96.7 | 98.0 | 98.4 | 98.5 | 98.8 | 99.0 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 53.6 | 87.5 | 91.6 | 94.0 | 96.2 | 96.8 | 98.1 | 98.5 | 98.6 | 99.0 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 53.6 | 87.5 | 91.6 | 94.0 | 96.2 | 96.8 | 98.1 | 98.5 | 98.6 | 99.0 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 100 | 53.6 | 87.5 | 91.6 | 94.0 | 96.2 | 96.8 | 98.1 | 98.5 | 98.6 | 99.0 | 99.3 | 99.3 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 0 | 53.6 | 87.5 | 91.6 | 94.0 | 96.2 | 96.8 | 98.1 | 98.5 | 98.6 | 99.0 | 99.3 | 99.3 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2403

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 29.4 | 46.5 | 47.7 | 48.2 | 48.6 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 |
| ≥ 20000 | 34.8 | 55.5 | 57.0 | 57.8 | 58.3 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 18000 | 34.9 | 55.8 | 57.3 | 58.1 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 16000 | 34.9 | 55.8 | 57.3 | 58.2 | 58.7 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 |
| ≥ 14000 | 35.6 | 56.9 | 58.5 | 59.3 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 12000 | 37.1 | 59.4 | 61.2 | 62.2 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 |
| ≥ 10000 | 38.7 | 62.9 | 65.0 | 66.1 | 66.9 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 |
| ≥ 9000 | 39.5 | 64.4 | 66.6 | 67.7 | 68.6 | 68.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 |
| ≥ 8000 | 41.4 | 68.1 | 70.8 | 71.9 | 72.8 | 72.9 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 7000 | 42.4 | 69.9 | 72.8 | 74.1 | 75.0 | 75.1 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 |
| ≥ 6000 | 42.9 | 71.3 | 74.3 | 75.8 | 76.7 | 76.8 | 77.1 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 5000 | 44.0 | 73.6 | 77.0 | 78.6 | 79.6 | 79.7 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 |
| ≥ 4500 | 44.2 | 74.3 | 77.9 | 79.6 | 80.6 | 80.7 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4000 | 44.9 | 75.9 | 79.9 | 81.8 | 83.2 | 83.3 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 3500 | 44.9 | 76.3 | 80.5 | 82.6 | 84.1 | 84.3 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 3000 | 45.5 | 77.8 | 82.4 | 84.7 | 86.4 | 86.6 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 |
| ≥ 2500 | 45.9 | 78.4 | 83.2 | 85.7 | 87.5 | 87.7 | 88.2 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 |
| ≥ 2000 | 46.2 | 79.3 | 84.2 | 86.9 | 88.9 | 89.1 | 89.7 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1800 | 46.2 | 79.5 | 84.5 | 87.1 | 89.1 | 89.3 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1500 | 46.4 | 79.8 | 85.0 | 87.6 | 89.9 | 90.1 | 90.9 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 |
| ≥ 1200 | 46.5 | 80.7 | 86.2 | 89.1 | 91.4 | 91.7 | 92.6 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 |
| ≥ 1000 | 46.5 | 81.1 | 86.7 | 89.6 | 92.0 | 92.3 | 93.3 | 93.7 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 900 | 46.5 | 81.3 | 87.0 | 90.0 | 92.4 | 92.8 | 94.1 | 94.5 | 94.5 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 95.0 | 95.0 |
| ≥ 800 | 46.5 | 81.5 | 87.2 | 90.3 | 93.1 | 93.4 | 94.7 | 95.2 | 95.2 | 95.5 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 |
| ≥ 700 | 46.6 | 81.8 | 87.5 | 90.9 | 93.5 | 93.8 | 95.2 | 95.8 | 95.8 | 96.0 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 600 | 46.6 | 81.9 | 87.7 | 91.0 | 93.6 | 94.0 | 95.4 | 96.1 | 96.1 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 500 | 46.6 | 82.0 | 87.8 | 91.4 | 94.1 | 94.4 | 95.9 | 96.6 | 96.7 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 400 | 46.6 | 82.0 | 87.8 | 91.6 | 94.5 | 94.8 | 96.4 | 97.2 | 97.3 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 300 | 46.6 | 82.1 | 87.8 | 91.6 | 94.6 | 95.0 | 96.7 | 97.5 | 97.6 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 200 | 46.6 | 82.1 | 87.8 | 91.6 | 94.6 | 95.0 | 96.7 | 97.6 | 97.8 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 |
| ≥ 100 | 46.6 | 82.1 | 87.8 | 91.6 | 94.6 | 95.0 | 96.7 | 97.6 | 97.8 | 98.5 | 98.9 | 98.9 | 99.3 | 99.4 | 99.6 | 99.8 |
| 0 | 46.6 | 82.1 | 87.8 | 91.6 | 9 | 95.0 | 96.7 | 97.6 | 97.8 | 98.5 | 98.9 | 98.9 | 99.4 | 99.4 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

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

2100-2300 (HOURS LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.4 | 50.1 | 52.7 | 54.0 | 54.8 | 55.1 | 55.3 | 55.3 | 55.3 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 20000 | 31.7 | 54.2 | 57.0 | 58.3 | 59.3 | 59.6 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 |
| ≥ 18000 | 31.7 | 54.4 | 57.1 | 58.6 | 59.6 | 59.9 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 |
| ≥ 16000 | 31.8 | 54.5 | 57.2 | 58.7 | 59.7 | 60.0 | 60.2 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 |
| ≥ 14000 | 32.5 | 55.5 | 58.3 | 59.7 | 60.8 | 61.1 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 |
| ≥ 12000 | 33.6 | 57.2 | 60.2 | 61.7 | 62.8 | 63.1 | 63.3 | 63.3 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 |
| ≥ 10000 | 35.4 | 60.8 | 64.1 | 65.8 | 66.9 | 67.2 | 67.4 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.8 | 67.8 | 67.9 | 67.9 |
| ≥ 9000 | 36.7 | 62.9 | 66.2 | 67.9 | 69.1 | 69.4 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 |
| ≥ 8000 | 37.8 | 65.7 | 69.3 | 71.1 | 72.4 | 72.7 | 73.0 | 73.1 | 73.1 | 73.3 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.4 |
| ≥ 7000 | 38.6 | 68.0 | 71.7 | 73.6 | 74.9 | 75.2 | 75.5 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 6000 | 39.1 | 68.9 | 72.9 | 74.8 | 76.3 | 76.6 | 76.9 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 5000 | 40.1 | 71.0 | 75.1 | 77.5 | 79.3 | 79.6 | 80.1 | 80.2 | 80.2 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 |
| ≥ 4500 | 40.3 | 71.5 | 75.7 | 78.0 | 79.9 | 80.1 | 80.6 | 80.8 | 80.8 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 |
| ≥ 4000 | 40.8 | 72.6 | 77.1 | 79.6 | 81.7 | 82.0 | 82.5 | 82.8 | 82.8 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 |
| ≥ 3500 | 41.0 | 73.0 | 77.6 | 80.2 | 82.6 | 82.9 | 83.4 | 83.7 | 83.7 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 |
| ≥ 3000 | 41.3 | 74.0 | 79.1 | 81.8 | 84.3 | 84.7 | 85.2 | 85.5 | 85.5 | 85.8 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 2500 | 41.6 | 74.6 | 79.8 | 82.6 | 85.2 | 85.6 | 86.3 | 86.6 | 86.6 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 |
| ≥ 2000 | 41.8 | 75.3 | 80.8 | 83.7 | 86.5 | 86.8 | 87.6 | 87.9 | 87.9 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.5 | 88.5 |
| ≥ 1800 | 41.8 | 75.5 | 81.0 | 83.9 | 86.7 | 87.1 | 87.8 | 88.1 | 88.1 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 |
| ≥ 1500 | 42.0 | 75.9 | 81.4 | 84.3 | 87.2 | 87.6 | 88.4 | 88.7 | 88.7 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1200 | 42.0 | 76.6 | 82.5 | 85.6 | 88.5 | 88.8 | 89.7 | 90.0 | 90.0 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 |
| ≥ 1000 | 42.0 | 77.2 | 83.2 | 86.5 | 89.5 | 89.9 | 91.0 | 91.4 | 91.4 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.1 | 92.1 |
| ≥ 900 | 42.0 | 77.7 | 83.8 | 87.3 | 90.3 | 90.7 | 91.9 | 92.3 | 92.3 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 |
| ≥ 800 | 42.0 | 77.9 | 84.0 | 87.5 | 90.7 | 91.1 | 92.4 | 92.8 | 92.8 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 |
| ≥ 700 | 42.0 | 78.1 | 84.3 | 87.8 | 91.2 | 91.7 | 93.1 | 93.5 | 93.5 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 |
| ≥ 600 | 42.0 | 78.2 | 84.3 | 88.1 | 91.7 | 92.2 | 93.7 | 94.2 | 94.2 | 94.7 | 94.9 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 500 | 42.0 | 78.4 | 84.7 | 88.5 | 92.1 | 92.9 | 94.6 | 95.2 | 95.2 | 95.8 | 96.0 | 96.0 | 96.2 | 96.2 | 96.3 | 96.3 |
| ≥ 400 | 42.0 | 78.5 | 84.9 | 88.7 | 92.5 | 93.3 | 95.2 | 95.8 | 95.9 | 96.7 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 300 | 42.0 | 78.6 | 85.1 | 89.0 | 93.0 | 93.8 | 95.8 | 96.5 | 96.6 | 97.4 | 97.7 | 97.7 | 97.9 | 97.9 | 98.0 | 98.0 |
| ≥ 200 | 42.0 | 78.6 | 85.1 | 89.0 | 93.0 | 93.8 | 95.9 | 96.8 | 96.9 | 97.9 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 100 | 42.0 | 78.6 | 85.1 | 89.0 | 93.0 | 93.8 | 96.0 | 96.8 | 97.0 | 98.0 | 98.5 | 98.6 | 99.1 | 99.2 | 99.4 | 99.5 |
| ≥ 0 | 42.0 | 78.6 | 85.1 | 89.0 | 93.0 | 93.8 | 96.0 | 96.8 | 97.0 | 98.0 | 98.5 | 98.6 | 99.1 | 99.2 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.7 | 49.2 | 54.9 | 58.4 | 61.1 | 61.5 | 62.2 | 62.8 | 62.9 | 63.3 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 20000 | 24.5 | 53.1 | 59.1 | 63.1 | 66.0 | 66.6 | 67.3 | 67.9 | 67.9 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 18000 | 24.5 | 53.4 | 59.4 | 63.4 | 66.3 | 66.9 | 67.6 | 68.2 | 68.3 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 16000 | 24.5 | 53.5 | 59.6 | 63.5 | 66.5 | 67.0 | 67.8 | 68.3 | 68.4 | 68.9 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 14000 | 24.8 | 54.4 | 60.6 | 64.6 | 67.6 | 68.2 | 68.9 | 69.5 | 69.6 | 70.0 | 70.1 | 70.1 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 12000 | 25.2 | 55.6 | 62.0 | 66.2 | 69.4 | 69.9 | 70.6 | 71.2 | 71.3 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 10000 | 26.1 | 57.6 | 64.2 | 68.8 | 72.4 | 73.0 | 73.8 | 74.4 | 74.5 | 74.9 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 9000 | 26.3 | 58.5 | 65.2 | 69.7 | 73.5 | 74.0 | 74.8 | 75.4 | 75.5 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 8000 | 26.9 | 60.1 | 66.9 | 71.8 | 75.8 | 76.3 | 77.1 | 77.7 | 77.8 | 78.2 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 7000 | 27.3 | 61.1 | 68.1 | 73.2 | 77.3 | 77.8 | 78.7 | 79.5 | 79.6 | 80.0 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 6000 | 27.4 | 61.7 | 68.8 | 73.9 | 78.1 | 78.6 | 79.4 | 80.3 | 80.4 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 5000 | 27.7 | 62.9 | 70.3 | 75.4 | 79.7 | 80.3 | 81.2 | 82.1 | 82.2 | 82.6 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 4500 | 28.0 | 63.5 | 71.0 | 76.2 | 80.8 | 81.4 | 82.4 | 83.4 | 83.5 | 84.0 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 4000 | 28.1 | 64.0 | 71.9 | 77.3 | 82.2 | 82.8 | 83.8 | 84.8 | 85.0 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 3500 | 28.2 | 64.8 | 72.7 | 78.2 | 83.3 | 84.0 | 85.0 | 86.0 | 86.1 | 86.5 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 3000 | 28.3 | 65.5 | 73.5 | 79.1 | 84.3 | 85.0 | 86.0 | 87.0 | 87.2 | 87.6 | 87.7 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 2500 | 28.3 | 65.7 | 73.7 | 79.5 | 84.8 | 85.5 | 86.5 | 87.6 | 87.7 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2000 | 28.5 | 66.2 | 74.4 | 80.4 | 85.8 | 86.5 | 87.6 | 88.8 | 88.9 | 89.4 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1800 | 28.5 | 66.2 | 74.5 | 80.5 | 85.9 | 86.7 | 87.7 | 88.9 | 89.1 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1500 | 28.6 | 66.5 | 74.8 | 80.9 | 86.4 | 87.3 | 88.4 | 89.6 | 89.7 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1200 | 28.7 | 67.2 | 75.6 | 81.8 | 87.6 | 88.4 | 89.6 | 90.8 | 90.9 | 91.4 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1000 | 28.8 | 67.9 | 76.4 | 83.0 | 89.0 | 89.9 | 91.4 | 92.6 | 92.7 | 93.2 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 900 | 28.8 | 68.2 | 76.9 | 83.6 | 89.6 | 90.5 | 92.0 | 93.3 | 93.4 | 93.9 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 800 | 28.8 | 68.4 | 77.1 | 84.0 | 90.0 | 90.9 | 92.5 | 93.7 | 93.9 | 94.3 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 28.8 | 68.6 | 77.5 | 84.4 | 90.5 | 91.4 | 92.9 | 94.3 | 94.5 | 95.0 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 600 | 28.9 | 68.9 | 77.9 | 84.8 | 91.0 | 91.9 | 93.6 | 95.0 | 95.2 | 95.7 | 95.8 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 28.9 | 69.0 | 78.2 | 85.3 | 91.5 | 92.5 | 94.2 | 95.7 | 95.9 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 28.9 | 69.1 | 78.3 | 85.5 | 92.0 | 93.0 | 94.8 | 96.3 | 96.6 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 300 | 28.9 | 69.3 | 78.4 | 85.7 | 92.2 | 93.2 | 95.2 | 96.9 | 97.2 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 200 | 28.9 | 69.3 | 78.5 | 85.7 | 92.3 | 93.3 | 95.4 | 97.1 | 97.4 | 98.2 | 98.5 | 98.6 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 28.9 | 69.3 | 78.5 | 85.7 | 92.3 | 93.3 | 95.5 | 97.1 | 97.4 | 98.2 | 98.6 | 98.7 | 99.0 | 99.1 | 99.4 | 99.6 |
| ≥ 0 | 28.9 | 69.3 | 78.5 | 85.7 | 92.3 | 93.3 | 95.5 | 97.1 | 97.4 | 98.2 | 98.6 | 98.7 | 99.1 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2293

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 16.6 | 38.0 | 43.8 | 47.8 | 52.0 | 53.2 | 55.5 | 56.1 | 56.4 | 56.9 | 57.3 | 57.3 | 57.7 | 57.7 | 57.8 | 57.9 |
| ≥ 20000 | 17.4 | 41.4 | 47.5 | 52.1 | 56.9 | 58.3 | 60.8 | 61.6 | 61.9 | 62.5 | 62.8 | 62.8 | 63.2 | 63.2 | 63.4 | 63.6 |
| ≥ 18000 | 17.4 | 41.5 | 47.7 | 52.2 | 57.1 | 58.4 | 61.0 | 61.8 | 62.1 | 62.6 | 63.0 | 63.0 | 63.4 | 63.4 | 63.5 | 63.8 |
| ≥ 16000 | 17.4 | 41.7 | 47.9 | 52.5 | 57.3 | 58.7 | 61.2 | 62.0 | 62.3 | 62.9 | 63.2 | 63.3 | 63.7 | 63.7 | 63.8 | 64.1 |
| ≥ 14000 | 17.8 | 42.8 | 49.2 | 53.9 | 58.9 | 60.2 | 62.8 | 63.6 | 63.9 | 64.5 | 64.9 | 64.9 | 65.3 | 65.3 | 65.5 | 65.7 |
| ≥ 12000 | 18.1 | 43.9 | 50.7 | 55.5 | 60.6 | 62.0 | 64.6 | 65.5 | 65.8 | 66.4 | 66.8 | 66.8 | 67.2 | 67.2 | 67.4 | 67.6 |
| ≥ 10000 | 19.1 | 46.4 | 53.4 | 58.5 | 63.8 | 65.2 | 68.1 | 68.9 | 69.3 | 69.9 | 70.3 | 70.4 | 70.8 | 70.8 | 71.0 | 71.2 |
| ≥ 9000 | 19.4 | 47.2 | 54.3 | 59.4 | 64.8 | 66.2 | 69.2 | 70.0 | 70.4 | 71.0 | 71.4 | 71.5 | 71.9 | 71.9 | 72.0 | 72.3 |
| ≥ 8000 | 20.0 | 49.1 | 56.5 | 61.7 | 67.2 | 68.6 | 71.7 | 72.7 | 73.1 | 73.7 | 74.1 | 74.2 | 74.6 | 74.6 | 74.7 | 75.1 |
| ≥ 7000 | 20.7 | 50.2 | 57.6 | 63.0 | 69.0 | 70.4 | 73.6 | 74.6 | 75.0 | 75.8 | 76.2 | 76.3 | 76.8 | 76.8 | 76.9 | 77.2 |
| ≥ 6000 | 20.8 | 51.0 | 58.7 | 64.2 | 70.2 | 71.7 | 74.9 | 76.0 | 76.4 | 77.1 | 77.6 | 77.6 | 78.1 | 78.1 | 78.2 | 78.6 |
| ≥ 5000 | 21.5 | 52.5 | 60.4 | 66.2 | 72.5 | 74.0 | 77.3 | 78.4 | 78.8 | 79.5 | 80.0 | 80.0 | 80.5 | 80.5 | 80.6 | 81.0 |
| ≥ 4500 | 21.5 | 52.7 | 60.7 | 66.4 | 72.8 | 74.3 | 77.6 | 78.7 | 79.2 | 79.9 | 80.4 | 80.4 | 80.9 | 80.9 | 81.0 | 81.4 |
| ≥ 4000 | 21.7 | 53.2 | 61.4 | 67.5 | 74.0 | 75.5 | 79.0 | 80.2 | 80.6 | 81.4 | 81.9 | 81.9 | 82.4 | 82.4 | 82.5 | 82.9 |
| ≥ 3500 | 21.7 | 53.8 | 62.1 | 68.2 | 74.8 | 76.4 | 80.0 | 81.1 | 81.6 | 82.4 | 82.8 | 82.9 | 83.3 | 83.3 | 83.5 | 83.8 |
| ≥ 3000 | 21.7 | 54.3 | 62.7 | 68.9 | 75.6 | 77.2 | 80.9 | 82.0 | 82.4 | 83.3 | 83.7 | 83.7 | 84.2 | 84.2 | 84.3 | 84.7 |
| ≥ 2500 | 21.8 | 54.6 | 63.1 | 69.3 | 76.2 | 77.8 | 81.5 | 82.6 | 83.1 | 83.9 | 84.3 | 84.4 | 84.9 | 84.9 | 85.0 | 85.3 |
| ≥ 2000 | 21.8 | 55.1 | 63.7 | 70.1 | 77.0 | 78.6 | 82.3 | 83.6 | 84.0 | 84.8 | 85.3 | 85.3 | 85.8 | 85.8 | 85.9 | 86.3 |
| ≥ 1800 | 21.8 | 55.2 | 63.8 | 70.2 | 77.1 | 78.8 | 82.4 | 83.7 | 84.1 | 85.0 | 85.4 | 85.4 | 86.0 | 86.0 | 86.1 | 86.5 |
| ≥ 1500 | 22.0 | 55.8 | 64.5 | 71.1 | 78.1 | 79.7 | 83.4 | 84.7 | 85.2 | 86.0 | 86.4 | 86.5 | 87.0 | 87.0 | 87.1 | 87.5 |
| ≥ 1200 | 22.1 | 56.3 | 65.2 | 71.9 | 79.0 | 80.8 | 84.6 | 85.9 | 86.3 | 87.1 | 87.6 | 87.6 | 88.1 | 88.1 | 88.3 | 88.7 |
| ≥ 1000 | 22.2 | 57.0 | 66.1 | 73.0 | 80.3 | 82.1 | 86.1 | 87.5 | 87.9 | 88.8 | 89.3 | 89.3 | 89.8 | 89.8 | 90.0 | 90.4 |
| ≥ 900 | 22.2 | 57.3 | 66.5 | 73.5 | 80.9 | 82.7 | 86.9 | 88.3 | 88.7 | 89.7 | 90.1 | 90.1 | 90.7 | 90.7 | 90.8 | 91.2 |
| ≥ 800 | 22.2 | 57.7 | 67.1 | 74.4 | 81.8 | 83.7 | 87.9 | 89.4 | 89.9 | 91.0 | 91.4 | 91.5 | 92.0 | 92.0 | 92.2 | 92.5 |
| ≥ 700 | 22.2 | 58.0 | 67.6 | 75.0 | 82.4 | 84.3 | 88.7 | 90.2 | 90.7 | 91.8 | 92.2 | 92.2 | 92.8 | 92.8 | 92.9 | 93.3 |
| ≥ 600 | 22.2 | 58.3 | 67.9 | 75.3 | 82.9 | 84.8 | 89.3 | 90.9 | 91.4 | 92.4 | 92.8 | 92.9 | 93.5 | 93.5 | 93.6 | 94.0 |
| ≥ 500 | 22.3 | 58.4 | 68.2 | 75.7 | 83.4 | 85.4 | 90.2 | 91.8 | 92.4 | 93.5 | 94.0 | 94.1 | 94.8 | 94.8 | 94.9 | 95.3 |
| ≥ 400 | 22.3 | 58.5 | 68.3 | 76.0 | 83.9 | 85.9 | 90.9 | 92.7 | 93.2 | 94.4 | 95.0 | 95.1 | 95.8 | 95.8 | 95.9 | 96.3 |
| ≥ 300 | 22.3 | 58.6 | 68.4 | 76.1 | 84.2 | 86.3 | 91.6 | 93.5 | 94.0 | 95.2 | 96.0 | 96.1 | 96.9 | 96.9 | 97.0 | 97.4 |
| ≥ 200 | 22.3 | 58.6 | 68.4 | 76.1 | 84.3 | 86.4 | 91.9 | 93.9 | 94.4 | 95.8 | 96.6 | 96.8 | 97.6 | 97.6 | 97.9 | 98.4 |
| ≥ 100 | 22.3 | 58.6 | 68.4 | 76.1 | 84.3 | 86.4 | 91.9 | 93.9 | 94.5 | 95.9 | 96.7 | 96.9 | 98.0 | 98.0 | 98.4 | 99.3 |
| 0 | 22.3 | 58.6 | 68.4 | 76.1 | 84.3 | 86.4 | 91.9 | 93.9 | 94.5 | 95.9 | 96.7 | 96.9 | 98.0 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2293

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 18.9 | 40.4 | 45.0 | 48.9 | 51.8 | 52.6 | 53.4 | 54.1 | 54.3 | 54.4 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 |
| ≥ 20000 | 20.2 | 44.9 | 49.8 | 54.7 | 58.5 | 59.5 | 60.5 | 61.3 | 61.5 | 61.7 | 61.8 | 61.9 | 61.9 | 61.9 | 62.1 | 62.2 |
| ≥ 18000 | 20.2 | 45.0 | 50.0 | 54.8 | 58.6 | 59.7 | 60.7 | 61.5 | 61.7 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.2 | 62.4 |
| ≥ 16000 | 20.2 | 45.2 | 50.2 | 55.0 | 58.8 | 59.9 | 60.9 | 61.7 | 61.9 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.5 | 62.6 |
| ≥ 14000 | 20.6 | 46.3 | 51.5 | 56.4 | 60.2 | 61.4 | 62.4 | 63.2 | 63.4 | 63.6 | 63.7 | 63.8 | 63.8 | 63.9 | 64.0 | 64.2 |
| ≥ 12000 | 21.3 | 47.9 | 53.5 | 58.7 | 62.6 | 63.7 | 64.8 | 65.6 | 65.8 | 66.0 | 66.1 | 66.2 | 66.2 | 66.3 | 66.4 | 66.6 |
| ≥ 10000 | 22.0 | 50.4 | 56.1 | 61.6 | 65.8 | 67.0 | 68.1 | 69.0 | 69.2 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 | 69.8 | 70.0 |
| ≥ 9000 | 22.8 | 51.9 | 57.8 | 63.3 | 67.8 | 69.0 | 70.1 | 71.0 | 71.2 | 71.5 | 71.6 | 71.6 | 71.7 | 71.7 | 71.8 | 72.0 |
| ≥ 8000 | 23.5 | 53.8 | 60.0 | 65.9 | 70.5 | 71.8 | 72.9 | 73.9 | 74.1 | 74.3 | 74.4 | 74.5 | 74.5 | 74.6 | 74.7 | 74.9 |
| ≥ 7000 | 23.7 | 54.8 | 61.1 | 67.2 | 72.1 | 73.4 | 74.5 | 75.5 | 75.7 | 76.0 | 76.1 | 76.2 | 76.2 | 76.3 | 76.4 | 76.6 |
| ≥ 6000 | 23.9 | 55.4 | 61.8 | 68.0 | 72.9 | 74.2 | 75.5 | 76.5 | 76.7 | 77.0 | 77.1 | 77.2 | 77.2 | 77.3 | 77.4 | 77.6 |
| ≥ 5000 | 24.4 | 56.7 | 63.2 | 69.6 | 74.6 | 75.9 | 77.3 | 78.3 | 78.5 | 78.8 | 79.0 | 79.0 | 79.0 | 79.1 | 79.2 | 79.4 |
| ≥ 4500 | 24.5 | 57.1 | 63.8 | 70.2 | 75.2 | 76.5 | 77.9 | 78.9 | 79.1 | 79.4 | 79.6 | 79.6 | 79.7 | 79.7 | 79.8 | 80.0 |
| ≥ 4000 | 24.6 | 57.7 | 64.4 | 71.0 | 76.0 | 77.4 | 78.8 | 80.1 | 80.3 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 81.1 | 81.2 |
| ≥ 3500 | 24.6 | 57.9 | 64.7 | 71.4 | 76.4 | 77.8 | 79.3 | 80.5 | 80.7 | 81.1 | 81.2 | 81.3 | 81.3 | 81.4 | 81.5 | 81.7 |
| ≥ 3000 | 24.7 | 58.6 | 65.6 | 72.4 | 77.6 | 79.0 | 80.4 | 81.7 | 81.9 | 82.3 | 82.5 | 82.5 | 82.5 | 82.6 | 82.7 | 82.9 |
| ≥ 2500 | 25.0 | 59.3 | 66.7 | 73.6 | 78.9 | 80.4 | 81.8 | 83.1 | 83.3 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.1 | 84.3 |
| ≥ 2000 | 25.1 | 59.8 | 67.4 | 74.6 | 80.1 | 81.6 | 83.1 | 84.4 | 84.7 | 85.1 | 85.3 | 85.4 | 85.4 | 85.5 | 85.6 | 85.8 |
| ≥ 1800 | 25.1 | 59.9 | 67.6 | 74.8 | 80.4 | 81.9 | 83.5 | 84.8 | 85.1 | 85.5 | 85.7 | 85.8 | 85.8 | 85.9 | 86.0 | 86.2 |
| ≥ 1500 | 25.4 | 60.5 | 68.3 | 75.7 | 81.4 | 82.9 | 84.5 | 85.9 | 86.1 | 86.6 | 86.8 | 86.8 | 86.9 | 86.9 | 87.0 | 87.2 |
| ≥ 1200 | 25.5 | 61.1 | 69.0 | 76.4 | 82.1 | 83.7 | 85.4 | 86.9 | 87.1 | 87.6 | 87.9 | 87.9 | 88.0 | 88.0 | 88.1 | 88.3 |
| ≥ 1000 | 25.6 | 62.2 | 70.2 | 77.8 | 83.8 | 85.5 | 87.3 | 88.9 | 89.2 | 89.9 | 90.1 | 90.2 | 90.2 | 90.3 | 90.4 | 90.6 |
| ≥ 900 | 25.7 | 62.9 | 70.9 | 78.6 | 84.8 | 86.5 | 88.4 | 90.0 | 90.4 | 91.1 | 91.3 | 91.4 | 91.4 | 91.4 | 91.6 | 91.8 |
| ≥ 800 | 25.8 | 63.4 | 71.5 | 79.3 | 85.6 | 87.3 | 89.3 | 91.0 | 91.3 | 92.1 | 92.3 | 92.4 | 92.4 | 92.4 | 92.6 | 92.8 |
| ≥ 700 | 25.8 | 63.7 | 71.8 | 79.7 | 86.2 | 88.0 | 90.1 | 91.8 | 92.2 | 93.0 | 93.2 | 93.3 | 93.3 | 93.4 | 93.5 | 93.7 |
| ≥ 600 | 25.8 | 63.9 | 72.2 | 80.4 | 87.1 | 89.0 | 91.4 | 93.1 | 93.4 | 94.2 | 94.5 | 94.5 | 94.5 | 94.6 | 94.8 | 94.9 |
| ≥ 500 | 25.8 | 64.2 | 72.5 | 81.1 | 88.3 | 90.3 | 92.8 | 94.6 | 95.0 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.4 | 96.6 |
| ≥ 400 | 25.8 | 64.3 | 72.7 | 81.3 | 88.6 | 90.7 | 93.3 | 95.2 | 95.6 | 96.6 | 96.9 | 96.9 | 97.1 | 97.1 | 97.3 | 97.5 |
| ≥ 300 | 25.8 | 64.4 | 72.8 | 81.5 | 88.8 | 91.0 | 93.8 | 95.9 | 96.4 | 97.6 | 97.9 | 98.0 | 98.3 | 98.3 | 98.5 | 98.6 |
| ≥ 200 | 25.8 | 64.4 | 72.8 | 81.5 | 88.8 | 91.0 | 93.8 | 96.0 | 96.6 | 97.7 | 98.2 | 98.3 | 98.7 | 98.8 | 99.1 | 99.3 |
| ≥ 100 | 25.8 | 64.4 | 72.8 | 81.5 | 88.8 | 91.0 | 93.8 | 96.0 | 96.6 | 97.7 | 98.2 | 98.4 | 98.9 | 99.0 | 99.4 | 99.7 |
| ≥ 0 | 25.8 | 64.4 | 72.8 | 81.5 | 88.8 | 91.0 | 93.8 | 96.0 | 96.6 | 97.7 | 98.2 | 98.4 | 98.9 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2291

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 27.4 | 30.3 | 53.0 | 54.9 | 55.6 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 |
| ≥ 20000 | 30.8 | 56.6 | 59.7 | 61.8 | 63.0 | 63.4 | 63.6 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 |
| ≥ 18000 | 30.9 | 56.8 | 60.0 | 62.1 | 63.3 | 63.7 | 63.9 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 |
| ≥ 16000 | 31.0 | 57.0 | 60.2 | 62.3 | 63.5 | 63.9 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 |
| ≥ 14000 | 31.3 | 57.9 | 61.1 | 63.4 | 64.6 | 65.1 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 |
| ≥ 12000 | 32.0 | 59.7 | 62.9 | 65.4 | 66.7 | 67.2 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 |
| ≥ 10000 | 32.6 | 61.7 | 65.2 | 67.8 | 69.3 | 69.8 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 |
| ≥ 9000 | 33.1 | 62.9 | 66.5 | 69.1 | 70.6 | 71.2 | 71.4 | 71.4 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 |
| ≥ 8000 | 33.8 | 64.7 | 68.5 | 71.2 | 72.9 | 73.4 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 7000 | 34.3 | 66.3 | 70.4 | 73.2 | 75.1 | 75.7 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 6000 | 34.3 | 66.9 | 71.1 | 74.0 | 76.0 | 76.6 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 |
| ≥ 5000 | 34.6 | 67.8 | 72.1 | 75.1 | 77.1 | 77.7 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 |
| ≥ 4500 | 34.9 | 68.4 | 72.7 | 75.8 | 77.8 | 78.5 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 4000 | 35.3 | 69.1 | 73.5 | 76.7 | 78.8 | 79.5 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 35.8 | 70.1 | 74.6 | 77.8 | 79.9 | 80.5 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 |
| ≥ 3000 | 36.5 | 71.7 | 76.5 | 79.8 | 81.9 | 82.6 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 |
| ≥ 2500 | 37.1 | 73.3 | 78.2 | 81.7 | 83.9 | 84.6 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 |
| ≥ 2000 | 37.5 | 74.7 | 79.7 | 83.3 | 85.7 | 86.5 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1800 | 37.9 | 75.4 | 80.5 | 84.1 | 86.6 | 87.3 | 87.7 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 |
| ≥ 1500 | 38.3 | 76.8 | 82.1 | 86.0 | 88.6 | 89.4 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1200 | 38.4 | 77.6 | 83.6 | 87.5 | 90.4 | 91.3 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 1000 | 38.6 | 78.7 | 84.6 | 88.7 | 91.9 | 92.8 | 93.5 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 900 | 38.6 | 79.2 | 85.1 | 89.4 | 92.7 | 93.6 | 94.3 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 800 | 38.6 | 79.4 | 85.4 | 89.7 | 93.1 | 94.0 | 94.8 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 700 | 38.6 | 79.7 | 85.8 | 90.4 | 94.1 | 95.1 | 95.9 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 600 | 38.6 | 79.9 | 86.0 | 90.6 | 94.6 | 95.7 | 96.7 | 97.4 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 38.7 | 80.1 | 86.2 | 90.9 | 95.0 | 96.2 | 97.3 | 98.0 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 400 | 38.7 | 80.1 | 86.2 | 91.1 | 95.3 | 96.6 | 97.8 | 98.6 | 98.7 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 38.7 | 80.1 | 86.2 | 91.1 | 95.3 | 96.7 | 98.0 | 98.7 | 99.0 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 38.7 | 80.1 | 86.2 | 91.1 | 95.3 | 96.7 | 98.0 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 38.7 | 80.1 | 86.2 | 91.1 | 95.3 | 96.7 | 98.0 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 38.7 | 80.1 | 86.2 | 91.1 | 95.3 | 96.7 | 98.0 | 98.7 | 99.0 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2293

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (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 | 28.9 | 47.9 | 50.5 | 51.4 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 34.0 | 56.5 | 59.6 | 60.9 | 62.2 | 62.2 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 18000 | 34.0 | 56.8 | 59.9 | 61.2 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 |
| ≥ 16000 | 34.1 | 57.0 | 60.1 | 61.4 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 14000 | 34.4 | 57.8 | 60.9 | 62.3 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 12000 | 34.8 | 58.7 | 61.9 | 63.5 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 10000 | 35.6 | 60.9 | 64.4 | 66.1 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 9000 | 36.3 | 62.2 | 65.8 | 67.5 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 37.0 | 63.9 | 67.8 | 69.7 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 7000 | 37.4 | 65.0 | 69.1 | 71.2 | 72.8 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 6000 | 37.7 | 65.5 | 69.7 | 71.8 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 5000 | 38.5 | 67.3 | 71.8 | 73.9 | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 4500 | 39.2 | 68.6 | 73.5 | 75.8 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 4000 | 40.8 | 71.6 | 76.8 | 79.0 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3500 | 42.0 | 74.0 | 79.2 | 81.6 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3000 | 43.1 | 77.4 | 82.7 | 85.1 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 2500 | 44.0 | 79.4 | 85.0 | 87.6 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2000 | 44.6 | 80.9 | 86.8 | 89.5 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 1800 | 44.8 | 81.5 | 87.5 | 90.2 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1500 | 45.0 | 82.2 | 88.2 | 90.9 | 93.2 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1200 | 45.0 | 83.2 | 89.4 | 92.2 | 94.6 | 94.7 | 94.8 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1000 | 45.1 | 83.6 | 89.8 | 92.8 | 95.4 | 95.6 | 95.7 | 95.9 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 45.1 | 83.8 | 90.0 | 93.0 | 95.6 | 95.8 | 96.0 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 800 | 45.1 | 84.2 | 90.5 | 93.6 | 96.4 | 96.6 | 96.8 | 97.0 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 45.1 | 84.6 | 90.9 | 94.2 | 97.0 | 97.2 | 97.4 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 600 | 45.1 | 84.8 | 91.2 | 94.6 | 97.5 | 97.7 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 500 | 45.1 | 85.0 | 91.5 | 94.9 | 98.0 | 98.3 | 98.9 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 45.1 | 85.0 | 91.5 | 94.9 | 98.0 | 98.3 | 98.9 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 45.1 | 85.0 | 91.5 | 94.9 | 98.0 | 98.3 | 99.0 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 45.1 | 85.0 | 91.5 | 94.9 | 98.1 | 98.4 | 99.0 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 45.1 | 85.0 | 91.5 | 94.9 | 98.1 | 98.4 | 99.0 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 45.1 | 85.0 | 91.5 | 94.9 | 98.1 | 98.4 | 99.0 | 99.3 | 99.4 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2294

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUNE (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 | 30.4 | 48.5 | 51.2 | 52.5 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 20000 | 36.2 | 59.4 | 62.7 | 64.3 | 66.0 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 18000 | 36.3 | 59.5 | 62.9 | 65.0 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 16000 | 36.3 | 59.6 | 63.0 | 65.1 | 66.3 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 14000 | 36.6 | 60.2 | 63.7 | 65.9 | 67.1 | 67.1 | 67.2 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 12000 | 37.1 | 61.5 | 65.1 | 67.3 | 68.5 | 68.5 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 10000 | 38.4 | 64.1 | 68.1 | 70.4 | 71.7 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 9000 | 39.1 | 65.4 | 69.4 | 71.7 | 73.0 | 73.1 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 8000 | 39.9 | 66.9 | 71.0 | 73.4 | 74.7 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 7000 | 40.5 | 68.8 | 73.1 | 75.7 | 77.0 | 77.1 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 6000 | 41.0 | 70.0 | 74.4 | 77.0 | 78.3 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 5000 | 42.0 | 72.8 | 77.3 | 80.0 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4500 | 42.6 | 73.9 | 78.5 | 81.2 | 82.5 | 82.6 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4000 | 43.5 | 76.5 | 81.4 | 84.2 | 85.6 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3500 | 44.1 | 77.9 | 83.0 | 85.9 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 44.7 | 80.1 | 85.4 | 88.5 | 90.2 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2500 | 45.1 | 81.2 | 86.6 | 89.8 | 91.5 | 91.8 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 45.5 | 82.4 | 87.8 | 91.2 | 93.1 | 93.5 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 45.5 | 82.4 | 88.0 | 91.5 | 93.3 | 93.7 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 45.7 | 83.0 | 88.6 | 92.1 | 94.1 | 94.5 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1200 | 45.8 | 83.9 | 89.5 | 93.1 | 95.2 | 95.6 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96 | 96.1 |
| ≥ 1000 | 45.8 | 84.2 | 89.9 | 93.7 | 95.9 | 96.3 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | .9 | 96.9 |
| ≥ 900 | 45.8 | 84.4 | 90.1 | 93.9 | 96.3 | 96.7 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 45.8 | 84.6 | 90.3 | 94.3 | 96.7 | 97.2 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 700 | 45.8 | 84.7 | 90.4 | 94.5 | 97.0 | 97.5 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 45.8 | 84.8 | 90.7 | 94.8 | 97.3 | 97.8 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 45.8 | 84.9 | 90.8 | 95.0 | 97.6 | 98.0 | 98.7 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 45.8 | 84.9 | 90.8 | 95.0 | 97.6 | 98.2 | 98.9 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 45.8 | 84.9 | 90.8 | 95.1 | 97.7 | 98.2 | 99.0 | 99.5 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 45.8 | 84.9 | 90.8 | 95.1 | 97.7 | 98.2 | 99.0 | 99.5 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 45.8 | 84.9 | 90.8 | 95.1 | 97.7 | 98.2 | 99.0 | 99.5 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 45.8 | 84.9 | 90.8 | 95.1 | 97.7 | 98.2 | 99.0 | 99.5 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2295

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (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 | 27.0 | 46.6 | 49.9 | 51.7 | 52.7 | 52.8 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 20000 | 32.3 | 58.0 | 62.2 | 64.6 | 66.2 | 66.6 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 18000 | 32.4 | 58.1 | 62.3 | 64.7 | 66.3 | 66.7 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 16000 | 32.6 | 58.3 | 62.6 | 65.0 | 66.7 | 67.0 | 67.4 | 67.5 | 67.5 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 14000 | 32.8 | 58.9 | 63.3 | 66.0 | 67.7 | 68.0 | 68.4 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 12000 | 34.0 | 61.0 | 65.4 | 68.4 | 70.1 | 70.4 | 70.8 | 70.9 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 10000 | 35.1 | 64.6 | 69.2 | 72.4 | 74.2 | 74.6 | 75.0 | 75.0 | 75.1 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 9000 | 35.4 | 65.1 | 70.0 | 73.2 | 74.9 | 75.3 | 75.7 | 75.8 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 8000 | 36.2 | 68.0 | 73.0 | 76.6 | 78.4 | 78.8 | 79.3 | 79.4 | 79.4 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 7000 | 36.8 | 69.6 | 74.9 | 78.6 | 80.4 | 80.8 | 81.4 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 6000 | 37.0 | 70.2 | 75.6 | 79.2 | 81.1 | 81.4 | 82.0 | 82.1 | 82.1 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 5000 | 37.8 | 72.3 | 77.9 | 81.7 | 83.6 | 83.9 | 84.5 | 84.6 | 84.7 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 4500 | 38.5 | 73.4 | 79.2 | 83.0 | 84.9 | 85.3 | 85.9 | 86.0 | 86.0 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 4000 | 38.8 | 74.6 | 80.6 | 84.7 | 86.7 | 87.0 | 87.7 | 87.8 | 87.9 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3500 | 39.4 | 75.2 | 81.4 | 85.6 | 87.6 | 87.9 | 88.6 | 88.7 | 88.7 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 39.5 | 76.0 | 82.6 | 86.9 | 89.0 | 89.4 | 90.2 | 90.3 | 90.4 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2500 | 39.7 | 76.6 | 83.5 | 87.9 | 90.0 | 90.4 | 91.2 | 91.3 | 91.4 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 2000 | 39.9 | 77.3 | 84.2 | 88.7 | 91.0 | 91.4 | 92.1 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1800 | 39.9 | 77.4 | 84.5 | 89.0 | 91.3 | 91.7 | 92.4 | 92.7 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 40.0 | 77.9 | 85.1 | 89.7 | 92.0 | 92.4 | 93.2 | 93.4 | 93.5 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1200 | 40.0 | 78.2 | 85.6 | 90.1 | 92.5 | 92.9 | 93.8 | 94.0 | 94.1 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1000 | 40.0 | 78.4 | 86.0 | 90.7 | 93.2 | 93.6 | 94.5 | 94.8 | 94.9 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 900 | 40.1 | 78.7 | 86.3 | 91.2 | 93.7 | 94.2 | 95.1 | 95.3 | 95.4 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 800 | 40.1 | 79.0 | 86.7 | 91.7 | 94.2 | 94.7 | 95.7 | 95.9 | 96.0 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 |
| ≥ 700 | 40.1 | 79.1 | 86.9 | 92.0 | 94.5 | 95.1 | 96.1 | 96.4 | 96.6 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 40.1 | 79.5 | 87.3 | 92.5 | 95.1 | 95.7 | 96.8 | 97.3 | 97.4 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 |
| ≥ 500 | 40.1 | 79.5 | 87.5 | 92.8 | 95.4 | 96.1 | 97.2 | 97.7 | 97.9 | 98.3 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 |
| ≥ 400 | 40.1 | 79.5 | 87.5 | 92.9 | 95.5 | 96.3 | 97.4 | 98.1 | 98.3 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 300 | 40.1 | 79.5 | 87.6 | 93.1 | 95.8 | 96.6 | 97.7 | 98.4 | 98.6 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 200 | 40.1 | 79.5 | 87.6 | 93.2 | 95.9 | 96.8 | 97.9 | 98.7 | 98.9 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 100 | 40.1 | 79.5 | 87.6 | 93.2 | 95.9 | 96.8 | 97.9 | 98.7 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 |
| 0 | 40.1 | 79.5 | 87.6 | 93.2 | 95.9 | 96.8 | 97.9 | 98.7 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2291

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

2100-2300 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.9 | 52.1 | 55.8 | 59.1 | 61.1 | 61.1 | 61.9 | 62.0 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 20000 | 29.6 | 57.8 | 62.2 | 65.8 | 68.1 | 68.4 | 69.2 | 69.4 | 69.4 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 18000 | 29.6 | 58.0 | 62.3 | 65.9 | 68.3 | 68.5 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 16000 | 29.6 | 58.3 | 62.7 | 66.3 | 68.6 | 68.9 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 14000 | 29.8 | 59.3 | 63.8 | 67.4 | 69.8 | 70.0 | 70.9 | 71.0 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 12000 | 30.7 | 60.7 | 65.2 | 69.2 | 71.7 | 72.0 | 72.9 | 73.0 | 73.0 | 73.2 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 | 73.3 |
| ≥ 10000 | 31.5 | 63.0 | 67.7 | 71.8 | 74.4 | 74.7 | 75.6 | 75.8 | 75.8 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 |
| ≥ 9000 | 31.6 | 63.4 | 68.2 | 72.3 | 75.1 | 75.4 | 76.3 | 76.5 | 76.5 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 |
| ≥ 8000 | 32.1 | 65.2 | 70.2 | 74.6 | 77.5 | 77.9 | 78.8 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 |
| ≥ 7000 | 32.4 | 66.6 | 71.8 | 76.4 | 79.4 | 79.7 | 80.7 | 81.0 | 81.0 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 6000 | 32.6 | 67.5 | 72.8 | 77.5 | 80.6 | 80.9 | 81.9 | 82.1 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 |
| ≥ 5000 | 33.1 | 69.3 | 74.7 | 79.5 | 82.7 | 83.0 | 84.0 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 4500 | 33.3 | 69.8 | 75.3 | 80.3 | 83.6 | 83.9 | 84.9 | 85.2 | 85.2 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 4000 | 33.5 | 70.8 | 76.6 | 81.7 | 85.2 | 85.6 | 86.7 | 87.0 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 |
| ≥ 3500 | 33.8 | 71.8 | 77.8 | 83.0 | 86.6 | 87.1 | 88.2 | 88.5 | 88.6 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3000 | 34.1 | 72.9 | 78.9 | 84.4 | 88.1 | 88.5 | 89.7 | 90.0 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.5 | 90.5 |
| ≥ 2500 | 34.1 | 73.4 | 79.4 | 84.9 | 88.9 | 89.3 | 90.6 | 91.0 | 91.0 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 |
| ≥ 2000 | 34.3 | 73.5 | 79.9 | 85.9 | 90.0 | 90.4 | 91.6 | 92.1 | 92.1 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 |
| ≥ 1800 | 34.3 | 74.0 | 80.1 | 86.1 | 90.2 | 90.7 | 91.9 | 92.4 | 92.4 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 |
| ≥ 1500 | 34.5 | 74.4 | 80.6 | 86.6 | 90.7 | 91.2 | 92.4 | 92.9 | 92.9 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 |
| ≥ 1200 | 34.6 | 75.0 | 81.1 | 87.2 | 91.3 | 91.8 | 93.0 | 93.5 | 93.5 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 |
| ≥ 1000 | 34.6 | 75.2 | 81.5 | 87.7 | 92.1 | 92.6 | 93.9 | 94.4 | 94.5 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 |
| ≥ 900 | 34.6 | 75.5 | 81.9 | 88.2 | 92.6 | 93.1 | 94.5 | 94.9 | 95.0 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 |
| ≥ 800 | 34.6 | 75.7 | 82.0 | 88.5 | 93.1 | 93.6 | 95.0 | 95.5 | 95.6 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 |
| ≥ 700 | 34.7 | 76.0 | 82.4 | 89.1 | 93.7 | 94.3 | 95.8 | 96.4 | 96.4 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 600 | 34.7 | 76.1 | 82.6 | 89.4 | 94.0 | 94.6 | 96.2 | 96.9 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 500 | 34.7 | 76.1 | 82.7 | 89.5 | 94.3 | 94.9 | 96.6 | 97.2 | 97.3 | 97.7 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 400 | 34.7 | 76.4 | 83.1 | 90.0 | 94.8 | 95.5 | 97.2 | 97.9 | 97.9 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 |
| ≥ 300 | 34.7 | 76.4 | 83.1 | 90.2 | 95.1 | 95.7 | 97.5 | 98.2 | 98.2 | 98.7 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 34.7 | 76.4 | 83.2 | 90.2 | 95.2 | 95.8 | 97.6 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 100 | 34.7 | 76.4 | 83.2 | 90.2 | 95.2 | 95.8 | 97.6 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 |
| ≥ 0 | 34.7 | 76.4 | 83.2 | 90.2 | 95.2 | 95.8 | 97.6 | 98.3 | 98.3 | 98.9 | 99.2 | 99.3 | 99.5 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2289

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

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

0000-0200 HOURS (E.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 | 16.4 | 45.8 | 52.4 | 56.6 | 60.3 | 60.8 | 63.1 | 63.4 | 63.5 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 64.0 | 64.0 |
| ≥ 20000 | 17.3 | 50.4 | 57.7 | 62.6 | 66.6 | 67.1 | 69.4 | 69.7 | 69.8 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.3 | 70.3 |
| ≥ 18000 | 17.4 | 50.6 | 57.9 | 62.9 | 66.8 | 67.3 | 69.7 | 70.0 | 70.0 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 |
| ≥ 16000 | 17.4 | 50.9 | 58.2 | 63.2 | 67.1 | 67.7 | 70.0 | 70.3 | 70.3 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 |
| ≥ 14000 | 17.6 | 51.4 | 59.1 | 64.2 | 68.3 | 68.9 | 71.2 | 71.5 | 71.6 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.1 | 72.1 |
| ≥ 12000 | 18.0 | 52.9 | 60.7 | 66.2 | 70.6 | 71.2 | 73.5 | 73.8 | 73.8 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 |
| ≥ 10000 | 19.0 | 56.0 | 64.4 | 70.1 | 74.6 | 75.2 | 77.6 | 77.8 | 77.9 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 | 78.6 |
| ≥ 9000 | 19.2 | 56.7 | 65.1 | 70.9 | 75.5 | 76.0 | 78.4 | 78.7 | 78.7 | 79.1 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.4 |
| ≥ 8000 | 19.9 | 58.5 | 67.3 | 73.4 | 78.0 | 78.6 | 80.9 | 81.2 | 81.3 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.0 |
| ≥ 7000 | 20.5 | 59.9 | 68.9 | 75.3 | 80.0 | 80.5 | 82.9 | 83.2 | 83.3 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 |
| ≥ 6000 | 20.5 | 60.4 | 69.6 | 76.3 | 81.2 | 81.7 | 84.1 | 84.4 | 84.4 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.2 |
| ≥ 5000 | 20.6 | 61.8 | 71.2 | 78.1 | 83.3 | 83.8 | 86.2 | 86.5 | 86.5 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 |
| ≥ 4500 | 20.6 | 62.0 | 71.5 | 78.5 | 83.7 | 84.3 | 86.7 | 87.0 | 87.0 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.7 | 87.8 |
| ≥ 4000 | 20.6 | 62.3 | 71.8 | 78.9 | 84.2 | 84.8 | 87.2 | 87.5 | 87.5 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 |
| ≥ 3500 | 20.7 | 62.6 | 72.2 | 79.3 | 84.7 | 85.3 | 87.8 | 88.1 | 88.2 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 | 89.0 |
| ≥ 3000 | 20.7 | 63.2 | 72.9 | 80.2 | 85.6 | 86.3 | 88.8 | 89.1 | 89.2 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 |
| ≥ 2500 | 20.7 | 63.6 | 73.3 | 80.8 | 86.3 | 86.9 | 89.6 | 89.9 | 89.9 | 90.6 | 90.7 | 90.8 | 90.8 | 90.8 | 90.9 | 91.0 |
| ≥ 2000 | 20.7 | 63.9 | 73.7 | 81.5 | 87.2 | 87.8 | 90.5 | 90.8 | 90.9 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 92.0 |
| ≥ 1800 | 20.7 | 64.1 | 74.0 | 81.8 | 87.5 | 88.1 | 90.9 | 91.2 | 91.2 | 92.0 | 92.0 | 92.1 | 92.2 | 92.2 | 92.3 | 92.3 |
| ≥ 1500 | 20.7 | 64.3 | 74.4 | 82.2 | 88.0 | 88.6 | 91.4 | 91.7 | 91.7 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 |
| ≥ 1200 | 20.7 | 64.6 | 74.6 | 82.6 | 88.6 | 89.2 | 92.0 | 92.3 | 92.4 | 93.1 | 93.2 | 93.3 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 1000 | 20.7 | 64.5 | 74.8 | 83.0 | 89.3 | 89.9 | 93.1 | 93.5 | 93.5 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.9 |
| ≥ 900 | 20.7 | 64.6 | 74.9 | 83.2 | 89.7 | 90.4 | 93.6 | 94.0 | 94.0 | 95.0 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.4 |
| ≥ 800 | 20.8 | 65.0 | 75.3 | 83.7 | 90.2 | 91.0 | 94.3 | 94.6 | 94.7 | 95.6 | 95.7 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 700 | 20.9 | 65.1 | 75.5 | 83.9 | 90.5 | 91.3 | 94.7 | 95.0 | 95.1 | 96.0 | 96.2 | 96.2 | 96.3 | 96.3 | 96.4 | 96.5 |
| ≥ 600 | 20.9 | 65.4 | 75.8 | 84.3 | 91.0 | 91.8 | 95.2 | 95.6 | 95.7 | 96.6 | 96.8 | 96.8 | 96.9 | 96.9 | 97.0 | 97.1 |
| ≥ 500 | 20.9 | 65.6 | 76.1 | 84.8 | 91.5 | 92.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 400 | 20.9 | 65.6 | 76.2 | 84.9 | 91.8 | 92.6 | 96.2 | 96.8 | 96.8 | 97.9 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 300 | 20.9 | 65.6 | 76.2 | 85.0 | 92.0 | 92.9 | 96.7 | 97.3 | 97.4 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 |
| ≥ 200 | 20.9 | 65.6 | 76.3 | 85.1 | 92.1 | 93.0 | 96.8 | 97.6 | 97.7 | 98.9 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 100 | 20.9 | 65.6 | 76.3 | 85.1 | 92.1 | 93.0 | 96.8 | 97.7 | 97.8 | 99.0 | 99.2 | 99.3 | 99.5 | 99.5 | 99.7 | 99.8 |
| 0 | 20.9 | 65.6 | 76.3 | 85.1 | 92.1 | 93.0 | 96.8 | 97.7 | 97.8 | 99.0 | 99.2 | 99.3 | 99.5 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2401

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 12.4 | 32.6 | 39.6 | 44.6 | 50.0 | 51.1 | 53.3 | 54.5 | 54.9 | 55.7 | 56.1 | 56.1 | 56.3 | 56.4 | 56.5 | 57.1 |
| ≥ 20000 | 13.3 | 35.8 | 44.3 | 50.1 | 55.9 | 57.2 | 59.7 | 61.0 | 61.4 | 62.3 | 62.8 | 62.8 | 63.0 | 63.1 | 63.2 | 63.9 |
| ≥ 18000 | 13.3 | 35.9 | 44.4 | 50.3 | 56.4 | 57.6 | 60.1 | 61.5 | 61.8 | 62.7 | 63.2 | 63.2 | 63.5 | 63.5 | 63.6 | 64.3 |
| ≥ 16000 | 13.3 | 36.0 | 44.6 | 50.4 | 56.5 | 57.8 | 60.3 | 61.6 | 62.0 | 62.8 | 63.4 | 63.4 | 63.6 | 63.7 | 63.8 | 64.5 |
| ≥ 14000 | 13.5 | 36.5 | 45.1 | 51.2 | 57.3 | 58.6 | 61.1 | 62.5 | 62.8 | 63.7 | 64.2 | 64.2 | 64.5 | 64.5 | 64.6 | 65.3 |
| ≥ 12000 | 14.3 | 38.3 | 47.6 | 53.9 | 60.4 | 61.8 | 64.4 | 65.8 | 66.2 | 67.2 | 67.8 | 67.8 | 68.1 | 68.2 | 68.3 | 69.0 |
| ≥ 10000 | 15.0 | 41.3 | 51.1 | 58.0 | 64.6 | 66.1 | 68.9 | 70.3 | 70.6 | 71.7 | 72.3 | 72.3 | 72.7 | 72.7 | 72.9 | 73.6 |
| ≥ 9000 | 15.7 | 42.8 | 52.9 | 60.0 | 66.7 | 68.3 | 71.1 | 72.6 | 72.9 | 74.1 | 74.7 | 74.7 | 75.1 | 75.1 | 75.2 | 75.9 |
| ≥ 8000 | 16.3 | 44.2 | 54.5 | 61.8 | 68.8 | 70.4 | 73.3 | 74.9 | 75.3 | 76.5 | 77.1 | 77.1 | 77.5 | 77.5 | 77.7 | 78.4 |
| ≥ 7000 | 16.7 | 45.7 | 56.3 | 63.8 | 70.9 | 72.5 | 75.5 | 77.2 | 77.5 | 78.7 | 79.4 | 79.4 | 79.8 | 79.8 | 80.0 | 80.7 |
| ≥ 6000 | 16.7 | 46.0 | 56.7 | 64.3 | 71.5 | 73.1 | 76.2 | 77.9 | 78.2 | 79.5 | 80.2 | 80.2 | 80.5 | 80.6 | 80.7 | 81.5 |
| ≥ 5000 | 16.8 | 46.8 | 57.7 | 65.6 | 73.0 | 74.7 | 77.8 | 79.6 | 80.0 | 81.3 | 82.0 | 82.0 | 82.3 | 82.4 | 82.5 | 83.3 |
| ≥ 4500 | 16.8 | 46.9 | 57.9 | 65.8 | 73.3 | 75.0 | 78.2 | 80.0 | 80.4 | 81.7 | 82.3 | 82.3 | 82.7 | 82.8 | 82.9 | 83.6 |
| ≥ 4000 | 16.9 | 47.1 | 58.1 | 66.3 | 73.9 | 75.6 | 78.7 | 80.6 | 81.0 | 82.3 | 83.0 | 83.0 | 83.4 | 83.5 | 83.6 | 84.3 |
| ≥ 3500 | 16.9 | 47.3 | 58.5 | 66.8 | 74.6 | 76.4 | 79.6 | 81.5 | 81.9 | 83.2 | 83.9 | 83.9 | 84.3 | 84.4 | 84.5 | 85.3 |
| ≥ 3000 | 17.1 | 48.0 | 59.5 | 68.1 | 75.9 | 77.7 | 81.1 | 83.0 | 83.4 | 84.8 | 85.5 | 85.5 | 86.0 | 86.0 | 86.1 | 86.9 |
| ≥ 2500 | 17.1 | 48.4 | 60.0 | 68.6 | 76.6 | 78.4 | 81.9 | 83.8 | 84.2 | 85.7 | 86.4 | 86.4 | 86.8 | 86.9 | 87.0 | 87.8 |
| ≥ 2000 | 17.1 | 48.8 | 60.5 | 69.4 | 77.5 | 79.3 | 82.8 | 84.7 | 85.2 | 86.8 | 87.5 | 87.5 | 88.0 | 88.1 | 88.2 | 88.9 |
| ≥ 1800 | 17.1 | 48.8 | 60.6 | 69.5 | 77.6 | 79.5 | 83.0 | 84.9 | 85.3 | 86.9 | 87.7 | 87.7 | 88.2 | 88.2 | 88.4 | 89.1 |
| ≥ 1500 | 17.1 | 49.1 | 61.0 | 69.9 | 78.3 | 80.3 | 83.9 | 85.9 | 86.3 | 88.0 | 88.8 | 88.8 | 89.3 | 89.4 | 89.5 | 90.2 |
| ≥ 1200 | 17.1 | 49.3 | 61.3 | 70.2 | 78.7 | 80.6 | 84.3 | 86.3 | 86.8 | 88.5 | 89.2 | 89.2 | 89.8 | 89.8 | 89.9 | 90.7 |
| ≥ 1000 | 17.2 | 49.6 | 61.6 | 70.6 | 79.2 | 81.1 | 84.9 | 87.0 | 87.5 | 89.1 | 89.9 | 89.9 | 90.4 | 90.5 | 90.6 | 91.4 |
| ≥ 900 | 17.2 | 49.8 | 61.9 | 70.9 | 79.6 | 81.6 | 85.4 | 87.5 | 88.0 | 89.6 | 90.4 | 90.4 | 90.9 | 91.0 | 91.1 | 91.9 |
| ≥ 800 | 17.2 | 50.0 | 62.2 | 71.3 | 80.3 | 82.3 | 86.1 | 88.2 | 88.7 | 90.4 | 91.1 | 91.1 | 91.7 | 91.7 | 91.9 | 92.6 |
| ≥ 700 | 17.3 | 50.3 | 62.7 | 71.9 | 81.0 | 83.0 | 86.9 | 89.0 | 89.5 | 91.1 | 91.9 | 91.9 | 92.5 | 92.5 | 92.7 | 93.4 |
| ≥ 600 | 17.3 | 50.6 | 63.2 | 72.4 | 81.8 | 83.9 | 87.8 | 89.9 | 90.4 | 92.1 | 92.9 | 92.9 | 93.4 | 93.5 | 93.7 | 94.4 |
| ≥ 500 | 17.3 | 50.8 | 63.4 | 72.7 | 82.3 | 84.4 | 88.4 | 90.6 | 91.1 | 92.8 | 93.6 | 93.6 | 94.2 | 94.3 | 94.5 | 95.3 |
| ≥ 400 | 17.3 | 50.8 | 63.4 | 72.7 | 82.3 | 84.5 | 88.6 | 91.1 | 91.6 | 93.4 | 94.3 | 94.3 | 94.9 | 95.0 | 95.2 | 96.0 |
| ≥ 300 | 17.4 | 50.9 | 63.5 | 72.8 | 82.6 | 84.8 | 89.1 | 91.7 | 92.2 | 94.2 | 95.2 | 95.2 | 95.9 | 96.0 | 96.2 | 97.0 |
| ≥ 200 | 17.4 | 50.9 | 63.5 | 72.8 | 82.6 | 84.9 | 89.2 | 91.9 | 92.5 | 94.6 | 95.6 | 95.6 | 96.4 | 96.5 | 96.8 | 97.7 |
| ≥ 100 | 17.4 | 50.9 | 63.5 | 72.8 | 82.6 | 84.9 | 89.2 | 92.0 | 92.6 | 94.8 | 95.9 | 95.9 | 96.8 | 96.9 | 97.5 | 98.6 |
| 0 | 17.4 | 50.9 | 63.5 | 72.8 | 82.6 | 84.9 | 89.2 | 92.0 | 92.6 | 94.8 | 95.9 | 95.9 | 96.8 | 97.0 | 97.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2395

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

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

0600-0800 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 12.7 | 30.7 | 35.9 | 41.1 | 44.5 | 46.2 | 47.4 | 48.5 | 48.7 | 49.1 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.6 |
| ≥ 20000 | 14.2 | 35.4 | 41.7 | 48.2 | 52.3 | 54.3 | 55.5 | 56.7 | 57.0 | 57.5 | 57.8 | 57.9 | 57.9 | 57.9 | 57.9 | 58.1 |
| ≥ 18000 | 14.2 | 35.5 | 42.0 | 48.6 | 52.7 | 54.8 | 55.9 | 57.2 | 57.4 | 57.9 | 58.3 | 58.3 | 58.4 | 58.4 | 58.4 | 58.6 |
| ≥ 16000 | 14.2 | 35.6 | 42.2 | 48.8 | 53.0 | 55.0 | 56.2 | 57.4 | 57.7 | 58.2 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.8 |
| ≥ 14000 | 14.5 | 36.5 | 43.2 | 50.1 | 54.4 | 56.6 | 57.7 | 59.0 | 59.3 | 59.8 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.4 |
| ≥ 12000 | 15.4 | 38.6 | 45.8 | 52.9 | 57.6 | 59.7 | 61.1 | 62.7 | 62.9 | 63.4 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 | 64.0 |
| ≥ 10000 | 16.8 | 42.4 | 50.4 | 58.0 | 63.3 | 65.6 | 67.0 | 68.8 | 69.1 | 69.7 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.3 |
| ≥ 9000 | 17.3 | 43.9 | 52.2 | 59.9 | 65.4 | 67.6 | 69.2 | 70.9 | 71.2 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.5 |
| ≥ 8000 | 17.9 | 45.6 | 54.5 | 62.5 | 68.3 | 70.7 | 72.3 | 74.2 | 74.5 | 75.1 | 75.4 | 75.5 | 75.6 | 75.6 | 75.6 | 75.9 |
| ≥ 7000 | 18.4 | 47.0 | 56.1 | 64.3 | 70.3 | 72.7 | 74.4 | 76.3 | 76.6 | 77.3 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 78.1 |
| ≥ 6000 | 18.5 | 47.8 | 57.1 | 65.4 | 71.3 | 73.8 | 75.4 | 77.4 | 77.7 | 78.4 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 79.2 |
| ≥ 5000 | 18.8 | 48.6 | 58.2 | 66.8 | 73.0 | 75.5 | 77.2 | 79.3 | 79 | .2 | 80.6 | 80.6 | 80.8 | 80.8 | 80.6 | 81.1 |
| ≥ 4500 | 18.9 | 49.0 | 58.6 | 67.3 | 73.5 | 76.0 | 77.7 | 79.8 | 80. | 8 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.7 |
| ≥ 4000 | 19.0 | 49.7 | 59.3 | 68.3 | 74.6 | 77.1 | 78.8 | 81.1 | 81. | .2 | 82.5 | 82.6 | 82.8 | 82.8 | 82.8 | 83.1 |
| ≥ 3500 | 19.1 | 50.0 | 59.9 | 68.6 | 74.9 | 77.5 | 79.3 | 81.6 | 81.9 | 82.7 | 83.1 | 83.1 | 83.3 | 83.3 | 83.4 | 83.6 |
| ≥ 3000 | 19.1 | 50.4 | 60.5 | 69.6 | 76.1 | 78.7 | 80.5 | 82.9 | 83.2 | 84.0 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 85.0 |
| ≥ 2500 | 19.2 | 50.9 | 61.2 | 70.3 | 76.8 | 79.6 | 81.4 | 83.8 | 84.0 | 84.8 | 85.2 | 85.3 | 85.5 | 85.5 | 85.6 | 85.8 |
| ≥ 2000 | 19.3 | 51.3 | 61.7 | 70.8 | 77.5 | 80.3 | 82.1 | 84.6 | 84.9 | 85.6 | 86.0 | 86.1 | 86.4 | 86.4 | 86.4 | 86.7 |
| ≥ 1800 | 19.3 | 51.5 | 61.9 | 71.1 | 77.8 | 80.5 | 82.4 | 84.8 | 85.1 | 85.9 | 86.3 | 86.3 | 86.6 | 86.6 | 86.7 | 86.9 |
| ≥ 1500 | 19.4 | 52.0 | 62.6 | 72.0 | 78.8 | 81.6 | 83.5 | 86.0 | 86.3 | 87.1 | 87.5 | 87.6 | 87.8 | 87.8 | 87.9 | 88.1 |
| ≥ 1200 | 19.5 | 52.7 | 63.5 | 73.0 | 79.9 | 82.8 | 84.9 | 87.6 | 87.9 | 88.7 | 89.1 | 89.1 | 89.5 | 89.5 | 89.5 | 89.8 |
| ≥ 1000 | 19.6 | 53.6 | 64.5 | 74.1 | 81.3 | 84.1 | 86.3 | 89.1 | 89.5 | 90.3 | 90.8 | 90.8 | 91.2 | 91.2 | 91.2 | 91.5 |
| ≥ 900 | 19.7 | 54.0 | 64.9 | 74.6 | 82.0 | 84.9 | 87.1 | 90.0 | 90.4 | 91.2 | 91.6 | 91.7 | 92.1 | 92.1 | 92.1 | 92.4 |
| ≥ 800 | 19.7 | 54.5 | 65.5 | 75.4 | 82.9 | 85.8 | 88.1 | 91.1 | 91.5 | 92.3 | 92.8 | 92.8 | 93.2 | 93.2 | 93.3 | 93.5 |
| ≥ 700 | 19.8 | 55.0 | 66.0 | 76.1 | 83.7 | 86.6 | 89.0 | 92.0 | 92.4 | 93.2 | 93.7 | 93.7 | 94.2 | 94.2 | 94.2 | 94.4 |
| ≥ 600 | 19.8 | 55.0 | 66.1 | 76.4 | 84.2 | 87.1 | 89.7 | 92.8 | 93.2 | 94.1 | 94.6 | 94.7 | 95.1 | 95.1 | 95.2 | 95.4 |
| ≥ 500 | 19.8 | 55.0 | 66.2 | 76.6 | 84.7 | 87.8 | 90.6 | 93.9 | 94.3 | 95.3 | 95.9 | 95.9 | 96.4 | 96.4 | 96.5 | 96.7 |
| ≥ 400 | 19.9 | 55.1 | 66.3 | 76.7 | 84.9 | 88.2 | 91.1 | 94.4 | 94.9 | 95.9 | 96.6 | 96.7 | 97.2 | 97.2 | 97.4 | 97.6 |
| ≥ 300 | 19.9 | 55.1 | 66.3 | 76.8 | 85.0 | 88.3 | 91.3 | 94.7 | 95.2 | 96.6 | 97.5 | 97.6 | 98.1 | 98.1 | 98.2 | 98.5 |
| ≥ 200 | 19.9 | 55.1 | 66.3 | 76.8 | 85.0 | 88.4 | 91.3 | 94.7 | 95.2 | 96.7 | 97.7 | 97.9 | 98.4 | 98.4 | 98.6 | 99.0 |
| ≥ 100 | 19.9 | 55.1 | 66.3 | 76.8 | 85.0 | 88.4 | 91.3 | 94.7 | 95.2 | 96.7 | 97.8 | 98.0 | 98.6 | 98.7 | 99.0 | 99.5 |
| 0 | 19.9 | 55.1 | 66.3 | 76.8 | 85.0 | 88.4 | 91.3 | 94.7 | 95.2 | 96.7 | 97.8 | 98.0 | 98.6 | 98.7 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2394

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅜ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.2 | 43.0 | 47.3 | 50.0 | 50.8 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 20000 | 23.7 | 49.6 | 54.4 | 57.7 | 58.7 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 18000 | 23.8 | 49.9 | 54.9 | 58.2 | 59.2 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 16000 | 23.9 | 50.2 | 55.2 | 58.5 | 59.6 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 14000 | 24.4 | 51.3 | 56.6 | 60.0 | 61.1 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 12000 | 25.7 | 54.4 | 60.4 | 64.1 | 65.3 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 10000 | 27.1 | 57.7 | 64.4 | 68.7 | 70.0 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 9000 | 27.7 | 58.8 | 65.5 | 69.8 | 71.3 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 8000 | 28.4 | 61.2 | 68.4 | 73.2 | 74.7 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 7000 | 29.1 | 62.2 | 69.6 | 74.6 | 76.1 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 6000 | 29.3 | 62.8 | 70.2 | 75.3 | 76.9 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 5000 | 29.5 | 63.5 | 71.0 | 76.1 | 77.7 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 4500 | 29.6 | 63.7 | 71.3 | 76.5 | 78.1 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 29.8 | 64.9 | 72.8 | 78.1 | 79.9 | 80.6 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3500 | 30.0 | 65.4 | 73.5 | 78.8 | 80.7 | 81.4 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 30.3 | 67.0 | 75.4 | 81.0 | 83.0 | 83.7 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 2500 | 30.8 | 68.0 | 76.6 | 82.4 | 84.5 | 85.2 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2000 | 31.7 | 69.6 | 78.6 | 84.5 | 86.8 | 87.6 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1800 | 31.9 | 70.4 | 79.5 | 85.5 | 87.9 | 88.7 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | 32.3 | 71.6 | 81.0 | 87.3 | 89.9 | 90.7 | 91.3 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 1200 | 32.6 | 72.6 | 82.2 | 88.8 | 91.7 | 92.6 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 32.8 | 73.3 | 83.4 | 90.3 | 93.6 | 94.5 | 95.3 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 900 | 32.8 | 73.5 | 83.8 | 90.8 | 94.1 | 95.1 | 95.9 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 | 32.8 | 73.7 | 84.0 | 91.1 | 94.7 | 95.7 | 96.7 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 700 | 32.9 | 74.1 | 84.5 | 91.6 | 95.4 | 96.5 | 97.5 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 600 | 33.0 | 74.3 | 84.8 | 92.0 | 95.8 | 97.0 | 98.0 | 98.5 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 33.0 | 74.6 | 85.1 | 92.3 | 96.1 | 97.3 | 98.5 | 99.0 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 33.0 | 74.6 | 85.1 | 92.4 | 96.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 33.0 | 74.6 | 85.1 | 92.4 | 96.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 33.0 | 74.6 | 85.1 | 92.4 | 96.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.0 | 74.6 | 85.1 | 92.4 | 96.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 33.0 | 74.6 | 85.1 | 92.4 | 96.2 | 97.4 | 98.6 | 99.2 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2393

USAF ETAC FORM JUL 60 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.3 | 44.4 | 46.9 | 48.7 | 49.0 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 20000 | 29.4 | 52.8 | 56.0 | 58.0 | 58.4 | 58.9 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 |
| ≥ 18000 | 29.5 | 53.2 | 56.4 | 58.4 | 58.8 | 59.2 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 16000 | 30.0 | 53.9 | 57.3 | 59.3 | 59.7 | 60.2 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 14000 | 30.4 | 55.0 | 58.5 | 60.6 | 61.1 | 61.5 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 12000 | 30.8 | 57.1 | 61.1 | 63.4 | 63.9 | 64.3 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 10000 | 32.3 | 60.0 | 64.3 | 67.2 | 67.7 | 68.1 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 9000 | 32.6 | 61.1 | 65.6 | 68.5 | 69.1 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 8000 | 33.1 | 62.9 | 67.4 | 70.5 | 71.3 | 71.7 | 71.9 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 7000 | 33.6 | 64.1 | 68.7 | 71.9 | 72.8 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 6000 | 33.7 | 64.6 | 69.4 | 72.6 | 73.5 | 73.9 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 5000 | 34.1 | 66.0 | 71.0 | 74.4 | 75.4 | 75.8 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4500 | 34.5 | 66.7 | 71.8 | 75.2 | 76.2 | 76.6 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4000 | 35.4 | 69.0 | 74.3 | 78.1 | 79.3 | 79.8 | 80.2 | 80.2 | 80.2 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 3500 | 36.2 | 70.4 | 75.9 | 79.8 | 81.2 | 81.7 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 3000 | 37.7 | 74.1 | 80.0 | 84.2 | 85.7 | 86.3 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 2500 | 38.9 | 76.8 | 83.3 | 87.8 | 89.5 | 90.1 | 90.7 | 90.7 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2000 | 39.3 | 78.4 | 85.4 | 90.1 | 92.0 | 92.7 | 93.5 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1800 | 39.5 | 78.8 | 85.7 | 90.5 | 92.4 | 93.0 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 39.5 | 79.5 | 86.7 | 91.8 | 93.9 | 94.5 | 95.4 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 39.6 | 80.1 | 87.3 | 92.5 | 94.9 | 95.6 | 96.6 | 96.9 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 39.6 | 80.3 | 87.6 | 93.0 | 95.4 | 96.1 | 97.2 | 97.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 39.6 | 80.4 | 87.7 | 93.1 | 95.6 | 96.3 | 97.4 | 97.9 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 39.6 | 80.5 | 88.0 | 93.5 | 96.1 | 96.8 | 97.9 | 98.4 | 98.5 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 39.6 | 80.6 | 88.1 | 93.7 | 96.4 | 97.1 | 98.3 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 39.6 | 80.6 | 88.2 | 93.8 | 96.6 | 97.3 | 98.6 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.8 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 39.6 | 80.7 | 88.2 | 93.9 | 96.7 | 97.5 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2387

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1700 (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 | 26.7 | 46.1 | 49.4 | 51.1 | 51.5 | 51.7 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 |
| ≥ 20000 | 30.9 | 56.8 | 60.9 | 63.3 | 64.0 | 64.2 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 18000 | 31.1 | 57.3 | 61.4 | 63.9 | 64.6 | 64.8 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 |
| ≥ 16000 | 31.2 | 57.6 | 61.9 | 64.4 | 65.1 | 65.3 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 14000 | 31.9 | 59.3 | 63.6 | 66.3 | 67.0 | 67.2 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 12000 | 32.9 | 61.2 | 65.8 | 68.6 | 69.4 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 10000 | 34.0 | 64.0 | 69.1 | 72.1 | 73.0 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 9000 | 34.6 | 65.4 | 70.7 | 73.8 | 74.7 | 74.9 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 8000 | 35.0 | 67.1 | 72.6 | 75.8 | 76.9 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 7000 | 35.4 | 68.1 | 74.0 | 77.1 | 78.2 | 78.5 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 6000 | 35.5 | 68.7 | 74.7 | 78.0 | 79.1 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 5000 | 36.1 | 70.3 | 76.4 | 79.9 | 81.2 | 81.4 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4500 | 36.3 | 71.2 | 77.3 | 80.8 | 82.2 | 82.4 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 4000 | 37.0 | 73.1 | 79.6 | 83.4 | 84.8 | 85.1 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 3500 | 37.5 | 74.7 | 81.4 | 85.5 | 87.0 | 87.4 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3000 | 38.7 | 77.0 | 83.9 | 88.2 | 90.0 | 90.4 | 91.0 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 2500 | 39.2 | 78.3 | 85.4 | 89.8 | 91.8 | 92.2 | 92.9 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 39.4 | 79.1 | 86.4 | 91.1 | 93.2 | 93.6 | 94.4 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | 39.4 | 79.3 | 86.6 | 91.2 | 93.4 | 93.8 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 39.4 | 79.6 | 87.2 | 92.1 | 94.4 | 94.8 | 95.7 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 39.5 | 80.1 | 87.9 | 93.0 | 95.4 | 95.9 | 96.8 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 39.5 | 80.6 | 88.4 | 93.6 | 96.1 | 96.7 | 97.6 | 98.0 | 98.0 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 39.5 | 80.7 | 88.6 | 93.8 | 96.4 | 97.0 | 98.0 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 39.5 | 80.8 | 88.7 | 94.2 | 96.8 | 97.4 | 98.3 | 98.7 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 700 | 39.5 | 80.9 | 88.9 | 94.4 | 97.0 | 97.6 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 39.5 | 81.0 | 88.9 | 94.4 | 97.0 | 97.7 | 98.7 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 39.5 | 81.0 | 89.0 | 94.5 | 97.1 | 97.8 | 98.8 | 99.2 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 39.5 | 81.0 | 89.0 | 94.5 | 97.2 | 97.9 | 98.9 | 99.3 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 39.5 | 81.1 | 89.1 | 94.6 | 97.2 | 97.9 | 99.0 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 39.5 | 81.1 | 89.1 | 94.6 | 97.2 | 97.9 | 99.0 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 39.5 | 81.1 | 89.1 | 94.6 | 97.2 | 97.9 | 99.0 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 39.5 | 81.1 | 89.1 | 94.6 | 97.2 | 97.9 | 99.0 | 99.3 | 99.4 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.8 | 46.9 | 50.8 | 53.2 | 54.1 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 28.1 | 57.1 | 62.4 | 65.6 | 66.6 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 18000 | 28.1 | 57.3 | 62.6 | 65.9 | 67.0 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 16000 | 28.1 | 57.6 | 63.0 | 66.2 | 67.4 | 67.6 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 |
| ≥ 14000 | 28.6 | 59.0 | 64.6 | 67.9 | 69.0 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 12000 | 29.3 | 61.3 | 67.3 | 70.7 | 71.9 | 72.1 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 10000 | 30.6 | 65.7 | 72.1 | 75.7 | 76.9 | 77.3 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 9000 | 31.1 | 67.0 | 73.5 | 77.2 | 78.5 | 78.8 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 8000 | 31.5 | 69.0 | 75.6 | 79.6 | 81.1 | 81.5 | 81.8 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 7000 | 31.7 | 70.0 | 76.9 | 81.2 | 82.6 | 83.1 | 83.3 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 6000 | 31.8 | 70.6 | 78.0 | 82.4 | 83.8 | 84.3 | 84.6 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 5000 | 32.0 | 71.7 | 79.3 | 84.0 | 85.6 | 86.1 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4500 | 32.0 | 72.0 | 79.7 | 84.4 | 86.1 | 86.6 | 86.9 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4000 | 32.3 | 73.4 | 81.4 | 86.1 | 87.9 | 88.4 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3500 | 32.4 | 74.1 | 82.4 | 87.2 | 89.2 | 89.7 | 89.9 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 32.6 | 75.3 | 83.8 | 89.1 | 91.2 | 91.8 | 92.2 | 92.4 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 2500 | 32.8 | 76.0 | 84.6 | 89.9 | 92.3 | 92.8 | 93.3 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 33.0 | 76.6 | 85.3 | 90.8 | 93.4 | 94.0 | 94.6 | 95.0 | 95.2 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 33.0 | 76.8 | 85.6 | 91.2 | 93.8 | 94.4 | 95.1 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1500 | 33.0 | 77.2 | 86.2 | 91.8 | 94.5 | 95.1 | 95.9 | 96.3 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | 33.0 | 77.6 | 86.6 | 92.3 | 95.0 | 95.6 | 96.5 | 96.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1000 | 33.1 | 77.8 | 87.0 | 92.8 | 95.6 | 96.2 | 97.1 | 97.6 | 97.7 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 33.2 | 78.0 | 87.2 | 93.1 | 95.8 | 96.5 | 97.4 | 97.9 | 98.0 | 98.2 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 800 | 33.2 | 78.0 | 87.3 | 93.3 | 96.2 | 96.8 | 97.7 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 33.2 | 78.0 | 87.3 | 93.4 | 96.4 | 97.0 | 98.0 | 98.5 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 33.2 | 78.1 | 87.4 | 93.5 | 96.6 | 97.3 | 98.3 | 98.8 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 33.2 | 78.1 | 87.4 | 93.5 | 96.7 | 97.4 | 98.5 | 99.0 | 99.1 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 33.2 | 78.1 | 87.5 | 93.6 | 96.7 | 97.5 | 98.6 | 99.1 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 33.2 | 78.1 | 87.4 | 93.7 | 96.9 | 97.7 | 98.8 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 33.2 | 78.1 | 87.5 | 93.7 | 97.0 | 97.7 | 98.9 | 99.3 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 33.2 | 78.1 | 87.5 | 93.7 | 97.0 | 97.7 | 98.9 | 99.3 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 33.2 | 78.1 | 87.5 | 93.7 | 97.0 | 97.7 | 98.9 | 99.3 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.2 | 51.1 | 55.5 | 58.3 | 60.7 | 61.3 | 61.9 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 20000 | 22.3 | 58.0 | 63.2 | 66.7 | 69.6 | 70.3 | 70.9 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 18000 | 22.3 | 58.2 | 63.3 | 66.8 | 69.7 | 70.4 | 71.0 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 16000 | 22.4 | 58.7 | 63.9 | 67.3 | 70.3 | 71.0 | 71.6 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 14000 | 22.5 | 59.4 | 64.6 | 68.3 | 71.2 | 72.0 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 12000 | 22.8 | 60.8 | 66.3 | 70.0 | 73.0 | 73.8 | 74.4 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 23.6 | 64.0 | 70.2 | 74.3 | 77.8 | 78.5 | 79.3 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.7 |
| ≥ 9000 | 23.8 | 64.6 | 71.0 | 75.1 | 78.7 | 79.5 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 |
| ≥ 8000 | 24.2 | 66.5 | 72.9 | 77.2 | 81.0 | 81.8 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 |
| ≥ 7000 | 24.5 | 67.3 | 74.0 | 78.5 | 82.4 | 83.2 | 84.1 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 |
| ≥ 6000 | 24.6 | 67.9 | 74.8 | 79.5 | 83.3 | 84.1 | 85.0 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 5000 | 24.8 | 69.0 | 76.1 | 80.9 | 85.0 | 85.8 | 86.7 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4500 | 24.9 | 69.5 | 76.8 | 81.8 | 85.9 | 86.7 | 87.6 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.1 |
| ≥ 4000 | 25.1 | 70.4 | 78.0 | 83.1 | 87.4 | 88.3 | 89.2 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| ≥ 3500 | 25.1 | 70.9 | 78.7 | 84.0 | 88.4 | 89.2 | 90.1 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 |
| ≥ 3000 | 25.2 | 71.5 | 79.5 | 84.9 | 89.4 | 90.2 | 91.1 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 |
| ≥ 2500 | 25.2 | 72.0 | 80.0 | 85.5 | 90.3 | 91.1 | 92.2 | 92.5 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 25.2 | 72.6 | 80.7 | 86.4 | 91.3 | 92.2 | 93.3 | 93.6 | 93.6 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 |
| ≥ 1800 | 25.2 | 72.8 | 81.0 | 86.6 | 91.8 | 92.6 | 93.8 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 |
| ≥ 1500 | 25.2 | 73.1 | 81.5 | 87.2 | 92.5 | 93.3 | 94.6 | 94.8 | 94.8 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 |
| ≥ 1200 | 25.2 | 73.5 | 82.0 | 87.9 | 93.4 | 94.3 | 95.6 | 95.9 | 96.0 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 25.3 | 73.8 | 82.5 | 88.7 | 94.3 | 95.2 | 96.6 | 97.0 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 25.4 | 73.9 | 82.5 | 88.7 | 94.3 | 95.3 | 96.7 | 97.1 | 97.2 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 800 | 25.5 | 74.0 | 82.7 | 88.9 | 94.8 | 95.7 | 97.2 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 25.5 | 74.0 | 82.8 | 89.0 | 95.0 | 95.9 | 97.4 | 98.0 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 25.5 | 74.1 | 83.0 | 89.2 | 95.3 | 96.3 | 97.8 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 25.5 | 74.1 | 83.0 | 89.3 | 95.4 | 96.4 | 97.9 | 98.4 | 98.5 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 |
| ≥ 400 | 25.5 | 74.2 | 83.1 | 89.4 | 95.5 | 96.5 | 98.1 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 |
| ≥ 300 | 25.5 | 74.2 | 83.1 | 89.4 | 95.5 | 96.6 | 98.2 | 98.8 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 200 | 25.5 | 74.2 | 83.2 | 89.5 | 95.7 | 96.7 | 98.4 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 25.5 | 74.3 | 83.2 | 89.6 | 95.8 | 96.8 | 98.5 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 25.5 | 74.3 | 83.2 | 89.6 | 95.8 | 96.8 | 98.5 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2404

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 13.1 | 41.9 | 48.9 | 54.8 | 60.5 | 61.1 | 63.2 | 63.7 | 63.9 | 64.5 | 64.5 | 64.5 | 64.7 | 64.7 | 64.8 | 64.9 |
| ≥ 20000 | 13.8 | 45.5 | 53.1 | 59.3 | 65.4 | 66.1 | 68.9 | 68.9 | 69.1 | 69.7 | 69.7 | 69.7 | 69.9 | 69.9 | 70.0 | 70.1 |
| ≥ 18000 | 13.8 | 45.5 | 53.1 | 59.3 | 65.6 | 66.3 | 68.4 | 69.1 | 69.3 | 69.8 | 69.9 | 69.9 | 70.0 | 70.0 | 70.2 | 70.3 |
| ≥ 16000 | 13.9 | 45.7 | 53.3 | 59.6 | 65.8 | 66.5 | 66.6 | 69.3 | 69.5 | 70.0 | 70.1 | 70.1 | 70.2 | 70.2 | 70.4 | 70.5 |
| ≥ 14000 | 13.9 | 46.4 | 54.1 | 60.5 | 66.8 | 67.5 | 69.7 | 70.3 | 70.5 | 71.1 | 71.1 | 71.1 | 71.3 | 71.3 | 71.4 | 71.5 |
| ≥ 12000 | 14.1 | 47.7 | 55.7 | 62.4 | 68.8 | 69.5 | 71.7 | 72.4 | 72.6 | 73.1 | 73.2 | 73.2 | 73.4 | 73.4 | 73.5 | 73.6 |
| ≥ 10000 | 14.8 | 50.2 | 58.6 | 65.6 | 72.3 | 73.2 | 75.4 | 76.1 | 76.3 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 | 77.2 | 77.4 |
| ≥ 9000 | 15.0 | 51.1 | 59.6 | 66.7 | 73.4 | 74.3 | 76.6 | 77.3 | 77.5 | 78.1 | 78.2 | 78.2 | 78.4 | 78.4 | 78.5 | 78.7 |
| ≥ 8000 | 15.7 | 52.7 | 61.3 | 68.8 | 76.0 | 76.9 | 79.2 | 79.9 | 80.1 | 80.7 | 80.9 | 80.9 | 81.0 | 81.0 | 81.1 | 81.4 |
| ≥ 7000 | 16.0 | 53.8 | 62.7 | 70.3 | 77.9 | 78.8 | 81.3 | 82.1 | 82.3 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 | 83.3 | 83.5 |
| ≥ 6000 | 16.0 | 54.6 | 63.5 | 71.2 | 78.9 | 79.8 | 82.3 | 83.1 | 83.3 | 83.9 | 84.0 | 84.0 | 84.2 | 84.2 | 84.4 | 84.6 |
| ≥ 5000 | 16.2 | 55.4 | 64.4 | 72.2 | 80.0 | 80.9 | 83.6 | 84.5 | 84.7 | 85.3 | 85.4 | 85.4 | 85.6 | 85.6 | 85.7 | 86.0 |
| ≥ 4500 | 16.2 | 55.6 | 64.6 | 72.6 | 80.4 | 81.3 | 84.0 | 84.8 | 85.0 | 85.7 | 85.9 | 85.9 | 86.0 | 86.0 | 86.2 | 86.4 |
| ≥ 4000 | 16.2 | 55.9 | 65.0 | 73.4 | 81.3 | 82.3 | 85.1 | 86.1 | 86.3 | 87.1 | 87.2 | 87.2 | 87.4 | 87.4 | 87.5 | 87.7 |
| ≥ 3500 | 16.3 | 56.2 | 65.4 | 73.8 | 81.8 | 82.8 | 85.7 | 86.7 | 86.9 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 88.1 | 88.3 |
| ≥ 3000 | 16.3 | 56.8 | 66.1 | 74.8 | 82.9 | 84.0 | 86.9 | 87.9 | 88.1 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.4 | 89.6 |
| ≥ 2500 | 16.4 | 57.1 | 66.5 | 75.4 | 83.5 | 84.6 | 87.6 | 88.8 | 89.0 | 89.8 | 90.0 | 90.0 | 90.1 | 90.1 | 90.3 | 90.5 |
| ≥ 2000 | 16.4 | 57.8 | 67.5 | 76.8 | 85.2 | 86.2 | 89.3 | 90.5 | 90.7 | 91.5 | 91.7 | 91.7 | 91.8 | 91.8 | 92.0 | 92.2 |
| ≥ 1800 | 16.4 | 57.9 | 67.6 | 76.9 | 85.3 | 86.4 | 89.5 | 90.6 | 90.9 | 91.7 | 91.9 | 91.9 | 92.0 | 92.0 | 92.2 | 92.4 |
| ≥ 1500 | 16.6 | 58.6 | 68.4 | 77.8 | 86.4 | 87.7 | 90.8 | 92.1 | 92.3 | 93.2 | 93.4 | 93.4 | 93.5 | 93.5 | 93.7 | 93.9 |
| ≥ 1200 | 16.7 | 59.1 | 69.0 | 78.5 | 87.3 | 88.5 | 91.7 | 93.0 | 93.2 | 94.2 | 94.3 | 94.3 | 94.5 | 94.5 | 94.7 | 94.9 |
| ≥ 1000 | 16.8 | 59.3 | 69.3 | 79.0 | 87.9 | 89.2 | 92.3 | 93.7 | 93.9 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.4 | 95.6 |
| ≥ 900 | 16.8 | 59.5 | 69.6 | 79.3 | 88.2 | 89.5 | 92.7 | 94.0 | 94.2 | 95.2 | 95.4 | 95.4 | 95.5 | 95.5 | 95.7 | 95.9 |
| ≥ 800 | 16.8 | 59.7 | 70.0 | 79.8 | 88.9 | 90.1 | 93.3 | 94.9 | 95.1 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.7 | 96.9 |
| ≥ 700 | 16.8 | 59.9 | 70.3 | 80.3 | 89.5 | 90.8 | 94.2 | 95.6 | 95.9 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.4 | 97.6 |
| ≥ 600 | 16.8 | 60.0 | 70.4 | 80.4 | 89.6 | 90.9 | 94.3 | 95.8 | 96.0 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.7 | 97.9 |
| ≥ 500 | 16.9 | 60.2 | 70.6 | 80.6 | 89.8 | 91.2 | 94.7 | 96.1 | 96.4 | 97.6 | 97.9 | 97.9 | 98.1 | 98.1 | 98.2 | 98.4 |
| ≥ 400 | 16.9 | 60.2 | 70.6 | 80.6 | 89.9 | 91.3 | 94.8 | 96.4 | 96.6 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.5 | 98.7 |
| ≥ 300 | 16.9 | 60.2 | 70.6 | 80.6 | 90.0 | 91.3 | 94.9 | 96.5 | 96.8 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.7 | 98.9 |
| ≥ 200 | 16.9 | 60.2 | 70.6 | 80.6 | 90.0 | 91.4 | 94.9 | 96.7 | 97.0 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 99.2 | 99.4 |
| ≥ 100 | 16.9 | 60.2 | 70.6 | 80.6 | 90.0 | 91.4 | 94.9 | 96.7 | 97.0 | 98.4 | 98.8 | 98.8 | 99.2 | 99.2 | 99.4 | 99.7 |
| 0 | 16.9 | 60.2 | 70.6 | 80.6 | 90.0 | 91.4 | 94.9 | 96.7 | 97.0 | 98.4 | 98.8 | 98.8 | 99.2 | 99.2 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2413

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 10.4 | 33.2 | 40.4 | 45.9 | 51.7 | 53.2 | 56.4 | 58.2 | 58.4 | 59.4 | 59.7 | 59.8 | 60.5 | 60.6 | 61.3 | 61.6 |
| ≥ 20000 | 10.8 | 35.5 | 43.3 | 49.2 | 55.7 | 57.5 | 60.8 | 62.7 | 63.0 | 64.0 | 64.4 | 64.5 | 65.2 | 65.2 | 65.9 | 66.2 |
| IV V 18000 | 10.8 | 35.5 | 43.3 | 49.2 | 55.7 | 57.5 | 60.8 | 62.7 | 63.0 | 64.0 | 64.4 | 64.5 | 65.2 | 65.2 | 65.9 | 66.2 |
| IV V 16000 | 10.9 | 35.8 | 43.6 | 49.5 | 56.0 | 57.7 | 61.1 | 63.0 | 63.3 | 64.2 | 64.6 | 64.7 | 65.4 | 65.5 | 66.2 | 66.4 |
| IV V 14000 | 11.0 | 36.3 | 44.3 | 50.4 | 56.9 | 58.6 | 62.0 | 64.0 | 64.3 | 65.4 | 65.8 | 65.9 | 66.6 | 66.6 | 67.3 | 67.6 |
| IV V 12000 | 11.2 | 37.0 | 45.1 | 51.3 | 58.4 | 60.3 | 63.7 | 65.8 | 66.1 | 67.1 | 67.6 | 67.7 | 68.4 | 68.5 | 69.2 | 69.5 |
| IV V 10000 | 11.8 | 39.3 | 48.1 | 54.6 | 62.2 | 64.1 | 67.7 | 69.9 | 70.3 | 71.4 | 71.9 | 72.0 | 72.7 | 72.8 | 73.5 | 73.9 |
| IV V 9000 | 11.9 | 39.9 | 48.9 | 55.7 | 63.4 | 65.3 | 69.0 | 71.2 | 71.5 | 72.7 | 73.3 | 73.4 | 74.1 | 74.2 | 74.9 | 75.2 |
| IV V 8000 | 12.3 | 41.1 | 50.6 | 57.5 | 65.5 | 67.5 | 71.2 | 73.5 | 73.8 | 75.0 | 75.6 | 75.7 | 76.4 | 76.5 | 77.2 | 77.6 |
| IV V 7000 | 12.8 | 42.8 | 52.4 | 59.6 | 67.7 | 69.8 | 73.6 | 75.9 | 76.3 | 77.5 | 78.1 | 78.2 | 78.9 | 79.0 | 79.7 | 80.0 |
| IV V 6000 | 12.8 | 43.2 | 52.8 | 60.1 | 68.4 | 70.5 | 74.4 | 76.8 | 77.1 | 78.3 | 78.9 | 79.0 | 79.8 | 79.8 | 80.5 | 80.9 |
| IV V 5000 | 12.9 | 43.8 | 53.5 | 61.0 | 69.5 | 71.6 | 75.7 | 78.2 | 78.5 | 79.7 | 80.3 | 80.4 | 81.2 | 81.2 | 82.0 | 82.3 |
| IV V 4500 | 13.0 | 44.1 | 53.8 | 61.4 | 69.9 | 72.0 | 76.2 | 78.7 | 79.0 | 80.2 | 80.8 | 80.9 | 81.7 | 81.7 | 82.5 | 82.8 |
| IV V 4000 | 13.1 | 44.5 | 54.4 | 62.3 | 71.0 | 73.3 | 77.5 | 80.0 | 80.4 | 81.6 | 82.2 | 82.3 | 83.0 | 83.1 | 83.8 | 84.2 |
| IV V 3500 | 13.1 | 44.8 | 54.9 | 62.7 | 71.5 | 73.9 | 78.1 | 80.6 | 81.0 | 82.2 | 82.8 | 82.9 | 83.6 | 83.7 | 84.4 | 84.7 |
| IV V 3000 | 13.2 | 45.4 | 55.6 | 63.5 | 72.4 | 74.9 | 79.2 | 81.8 | 82.2 | 83.5 | 84.1 | 84.2 | 84.9 | 85.0 | 85.7 | 86.1 |
| IV V 2500 | 13.4 | 46.1 | 56.2 | 64.2 | 73.2 | 75.8 | 80.1 | 82.9 | 83.2 | 84.5 | 85.1 | 85.2 | 86.0 | 86.0 | 86.8 | 87.1 |
| IV V 2000 | 13.4 | 46.7 | 57.2 | 65.3 | 74.6 | 77.2 | 81.7 | 84.4 | 84.9 | 86.1 | 86.7 | 86.8 | 87.6 | 87.6 | 88.4 | 88.7 |
| IV V 1800 | 13.5 | 46.9 | 57.3 | 65.5 | 74.8 | 77.4 | 81.9 | 84.7 | 85.1 | 86.3 | 86.9 | 87.0 | 87.8 | 87.8 | 88.6 | 88.9 |
| IV V 1500 | 13.6 | 47.4 | 57.9 | 66.1 | 75.5 | 78.1 | 82.7 | 85.6 | 86.1 | 87.4 | 88.0 | 88.1 | 88.9 | 88.9 | 89.7 | 90.0 |
| IV V 1200 | 13.6 | 47.5 | 58.4 | 66.7 | 76.2 | 78.8 | 83.5 | 86.4 | 86.9 | 88.2 | 88.8 | 88.9 | 89.7 | 89.8 | 90.5 | 90.8 |
| IV V 1000 | 13.7 | 47.7 | 58.7 | 67.1 | 76.8 | 79.6 | 84.4 | 87.3 | 87.9 | 89.3 | 90.0 | 90.1 | 90.9 | 91.0 | 91.7 | 92.0 |
| IV V 900 | 13.8 | 47.9 | 59.0 | 67.4 | 77.2 | 80.0 | 84.9 | 87.9 | 88.5 | 89.9 | 90.6 | 90.7 | 91.5 | 91.6 | 92.3 | 92.7 |
| IV V 800 | 13.8 | 48.2 | 59.4 | 68.1 | 78.1 | 80.9 | 85.8 | 88.9 | 89.5 | 90.9 | 91.7 | 91.7 | 92.6 | 92.7 | 93.5 | 93.9 |
| IV V 700 | 13.8 | 48.4 | 59.8 | 68.6 | 78.7 | 81.7 | 86.7 | 89.9 | 90.5 | 91.9 | 92.7 | 92.8 | 93.7 | 93.7 | 94.6 | 94.9 |
| IV V 600 | 13.8 | 48.6 | 60.1 | 69.1 | 79.5 | 82.5 | 87.6 | 90.8 | 91.5 | 92.9 | 93.7 | 93.7 | 94.6 | 94.6 | 95.6 | 95.9 |
| IV V 500 | 13.8 | 48.7 | 60.3 | 69.3 | 79.8 | 82.9 | 88.2 | 91.5 | 92.2 | 93.7 | 94.5 | 94.6 | 95.5 | 95.5 | 96.4 | 96.8 |
| IV V 400 | 13.8 | 48.8 | 60.3 | 69.5 | 80.1 | 83.2 | 88.6 | 92.2 | 92.9 | 94.5 | 95.4 | 95.4 | 96.3 | 96.4 | 97.3 | 97.6 |
| IV V 300 | 13.8 | 48.8 | 60.4 | 69.5 | 80.2 | 83.3 | 88.8 | 92.3 | 93.1 | 94.7 | 95.6 | 95.6 | 96.5 | 96.6 | 97.5 | 97.8 |
| IV V 200 | 13.8 | 48.8 | 60.4 | 69.5 | 80.2 | 83.3 | 88.8 | 92.4 | 93.2 | 94.9 | 95.8 | 95.9 | 96.8 | 96.9 | 97.9 | 98.3 |
| IV V 100 | 13.8 | 48.8 | 60.4 | 69.5 | 80.2 | 83.3 | 88.8 | 92.5 | 93.3 | 95.1 | 96.1 | 96.3 | 97.3 | 97.4 | 98.5 | 99.3 |
| IV V 0 | 13.8 | 48.8 | 60.4 | 69.5 | 80.2 | 83.3 | 88.8 | 92.5 | 93.3 | 95.1 | 96.1 | 96.3 | 97.3 | 97.5 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2411

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 11.1 | 29.9 | 35.9 | 40.8 | 46.3 | 48.3 | 50.1 | 51.6 | 52.0 | 52.6 | 53.2 | 53.3 | 53.6 | 53.7 | 53.7 | 54.0 |
| ≥ 20000 | 12.2 | 33.3 | 40.1 | 45.9 | 52.1 | 54.4 | 56.6 | 58.2 | 58.6 | 59.4 | 60.2 | 60.2 | 60.7 | 60.8 | 60.9 | 61.2 |
| ≥ 18000 | 12.3 | 33.4 | 40.2 | 46.0 | 52.2 | 54.5 | 56.7 | 58.3 | 58.7 | 59.5 | 60.3 | 60.4 | 60.8 | 60.9 | 61.1 | 61.4 |
| ≥ 16000 | 12.3 | 33.6 | 40.4 | 46.3 | 52.5 | 54.8 | 57.0 | 58.6 | 59.0 | 59.8 | 60.6 | 60.7 | 61.1 | 61.2 | 61.4 | 61.7 |
| ≥ 14000 | 12.6 | 34.6 | 41.5 | 47.6 | 54.0 | 56.2 | 58.5 | 60.1 | 60.4 | 61.3 | 62.0 | 62.1 | 62.6 | 62.7 | 62.8 | 63.1 |
| ≥ 12000 | 13.0 | 36.2 | 43.6 | 50.1 | 56.9 | 59.2 | 61.5 | 63.3 | 63.7 | 64.6 | 65.3 | 65.4 | 65.9 | 66.0 | 66.2 | 66.6 |
| ≥ 10000 | 13.7 | 39.2 | 47.0 | 54.1 | 61.5 | 63.9 | 66.4 | 68.4 | 68.8 | 69.8 | 70.7 | 70.8 | 71.3 | 71.4 | 71.6 | 72.0 |
| ≥ 9000 | 14.1 | 40.5 | 48.5 | 55.7 | 63.2 | 65.7 | 68.3 | 70.3 | 70.6 | 71.7 | 72.6 | 72.7 | 73.2 | 73.4 | 73.6 | 74.0 |
| ≥ 8000 | 14.3 | 42.3 | 50.6 | 58.0 | 65.8 | 68.4 | 71.1 | 73.1 | 73.5 | 74.6 | 75.7 | 75.8 | 76.3 | 76.4 | 76.6 | 77.0 |
| ≥ 7000 | 14.6 | 43.3 | 51.8 | 59.3 | 67.4 | 70.1 | 72.9 | 75.0 | 75.4 | 76.4 | 77.6 | 77.6 | 78.1 | 78.3 | 78.5 | 78.9 |
| ≥ 6000 | 14.7 | 43.8 | 52.4 | 60.0 | 68.2 | 71.0 | 73.8 | 75.9 | 76.3 | 77.4 | 78.5 | 78.6 | 79.1 | 79.2 | 79.4 | 79.9 |
| ≥ 5000 | 14.7 | 44.6 | 53.2 | 61.1 | 69.5 | 72.4 | 75.3 | 77.4 | 77.8 | 78.9 | 80.1 | 80.1 | 80.6 | 80.8 | 81.0 | 81.4 |
| ≥ 4500 | 14.8 | 44.8 | 53.5 | 61.3 | 69.8 | 72.7 | 75.6 | 77.7 | 78.1 | 79.3 | 80.4 | 80.5 | 81.0 | 81.1 | 81.3 | 81.8 |
| ≥ 4000 | 14.9 | 45.4 | 54.1 | 62.0 | 70.7 | 73.6 | 76.6 | 78.8 | 79.1 | 80.3 | 81.4 | 81.5 | 82.0 | 82.1 | 82.4 | 82.8 |
| ≥ 3500 | 15.0 | 45.7 | 54.5 | 62.6 | 71.4 | 74.3 | 77.2 | 79.4 | 79.8 | 80.9 | 82.1 | 82.2 | 82.7 | 82.8 | 83.1 | 83.5 |
| ≥ 3000 | 15.1 | 46.0 | 54.9 | 63.1 | 71.9 | 74.9 | 77.9 | 80.1 | 80.5 | 81.7 | 82.9 | 83.0 | 83.5 | 83.6 | 83.9 | 84.3 |
| ≥ 2500 | 15.2 | 46.5 | 55.5 | 63.7 | 72.6 | 75.7 | 78.8 | 81.0 | 81.4 | 82.6 | 83.9 | 84.0 | 84.5 | 84.6 | 84.8 | 85.3 |
| ≥ 2000 | 15.2 | 47.1 | 56.2 | 64.7 | 73.8 | 76.8 | 80.0 | 82.4 | 82.8 | 84.1 | 85.4 | 85.5 | 86.0 | 86.1 | 86.3 | 86.8 |
| ≥ 1800 | 15.2 | 47.3 | 56.5 | 64.9 | 74.0 | 77.0 | 80.2 | 82.6 | 83.1 | 84.4 | 85.6 | 85.7 | 86.2 | 86.3 | 86.6 | 87.1 |
| ≥ 1500 | 15.4 | 47.7 | 57.0 | 65.6 | 74.9 | 77.9 | 81.3 | 83.7 | 84.1 | 85.5 | 86.8 | 86.9 | 87.4 | 87.6 | 87.8 | 88.3 |
| ≥ 1200 | 15.4 | 48.0 | 57.5 | 66.2 | 75.7 | 78.7 | 82.3 | 84.7 | 85.2 | 86.6 | 87.9 | 88.0 | 88.5 | 88.6 | 88.9 | 89.3 |
| ≥ 1000 | 15.4 | 48.3 | 57.9 | 66.8 | 76.4 | 79.5 | 83.1 | 85.8 | 86.2 | 87.7 | 89.1 | 89.2 | 89.8 | 89.9 | 90.2 | 90.6 |
| ≥ 900 | 15.4 | 48.5 | 58.1 | 67.2 | 76.7 | 79.9 | 83.5 | 86.3 | 86.7 | 88.3 | 89.7 | 89.8 | 90.3 | 90.5 | 90.7 | 91.2 |
| ≥ 800 | 15.4 | 48.7 | 58.5 | 67.8 | 77.7 | 81.0 | 84.7 | 87.5 | 88.0 | 89.6 | 91.0 | 91.0 | 91.7 | 91.8 | 92.0 | 92.5 |
| ≥ 700 | 15.4 | 49.0 | 58.9 | 68.4 | 78.7 | 82.0 | 85.9 | 88.8 | 89.3 | 90.9 | 92.4 | 92.5 | 93.1 | 93.3 | 93.5 | 94.0 |
| ≥ 600 | 15.4 | 49.2 | 59.3 | 69.1 | 79.5 | 82.9 | 86.9 | 89.9 | 90.5 | 92.1 | 93.6 | 93.8 | 94.5 | 94.6 | 94.9 | 95.4 |
| ≥ 500 | 15.4 | 49.4 | 59.7 | 69.5 | 80.2 | 83.7 | 87.8 | 90.9 | 91.5 | 93.4 | 95.3 | 95.5 | 96.1 | 96.3 | 96.6 | 97.2 |
| ≥ 400 | 15.4 | 49.4 | 59.7 | 69.5 | 80.3 | 83.9 | 88.2 | 91.3 | 91.9 | 93.9 | 95.8 | 96.0 | 96.6 | 96.8 | 97.1 | 97.8 |
| ≥ 300 | 15.4 | 49.4 | 59.7 | 69.6 | 80.4 | 84.0 | 88.3 | 91.5 | 92.1 | 94.1 | 96.1 | 96.3 | 97.0 | 97.2 | 97.6 | 98.2 |
| ≥ 200 | 15.4 | 49.4 | 59.7 | 69.7 | 80.6 | 84.1 | 88.4 | 91.7 | 92.5 | 94.5 | 96.4 | 96.6 | 97.4 | 97.6 | 98.2 | 99.0 |
| ≥ 100 | 15.4 | 49.4 | 59.7 | 69.7 | 80.6 | 84.1 | 88.4 | 91.7 | 92.5 | 94.5 | 96.4 | 96.6 | 97.4 | 97.6 | 98.5 | 99.7 |
| 0 | 15.4 | 49.4 | 59.8 | 69.8 | 80.6 | 84.2 | 88.5 | 91.7 | 92.5 | 94.5 | 96.5 | 96.7 | 97.5 | 97.7 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2402

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 19.3 | 42.9 | 48.3 | 52.8 | 54.6 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 20000 | 21.2 | 48.1 | 54.2 | 59.0 | 61.1 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 18000 | 21.3 | 48.4 | 54.5 | 59.3 | 61.4 | 61.8 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 16000 | 21.4 | 48.6 | 54.8 | 59.7 | 61.8 | 62.1 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 14000 | 21.7 | 49.8 | 56.3 | 61.1 | 63.2 | 63.5 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 12000 | 22.4 | 52.0 | 58.8 | 63.8 | 65.9 | 66.2 | 66.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 10000 | 23.4 | 55.0 | 62.1 | 67.4 | 69.9 | 70.3 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 9000 | 23.7 | 56.0 | 63.2 | 68.6 | 71.1 | 71.5 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 8000 | 24.0 | 57.4 | 64.8 | 70.5 | 73.3 | 73.7 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 7000 | 24.3 | 58.2 | 66.0 | 71.8 | 74.8 | 75.2 | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 6000 | 24.4 | 58.7 | 66.4 | 72.4 | 75.4 | 75.8 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 5000 | 24.5 | 59.2 | 67.1 | 73.2 | 76.2 | 76.7 | 77.1 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 4500 | 24.6 | 59.5 | 67.4 | 73.6 | 76.7 | 77.1 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4000 | 25.1 | 60.7 | 68.6 | 75.0 | 78.3 | 78.8 | 79.3 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 3500 | 25.3 | 61.4 | 69.4 | 75.8 | 79.2 | 79.8 | 80.3 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 3000 | 25.6 | 62.5 | 70.6 | 77.3 | 80.8 | 81.4 | 81.9 | 82.1 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 2500 | 26.3 | 64.0 | 72.5 | 79.2 | 82.9 | 83.4 | 84.1 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 2000 | 26.7 | 65.9 | 74.6 | 81.6 | 85.4 | 86.0 | 86.6 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 1800 | 26.9 | 66.4 | 75.2 | 82.4 | 86.1 | 86.7 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 1500 | 27.1 | 67.8 | 76.6 | 84.3 | 88.2 | 89.0 | 89.8 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1200 | 27.4 | 69.1 | 78.3 | 86.2 | 90.3 | 91.3 | 92.5 | 92.8 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1000 | 27.5 | 70.0 | 79.3 | 87.6 | 91.9 | 92.9 | 94.4 | 94.8 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 900 | 27.5 | 70.3 | 79.7 | 88.1 | 92.5 | 93.5 | 95.1 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 800 | 27.6 | 70.6 | 80.0 | 88.6 | 93.5 | 94.7 | 96.4 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 700 | 27.6 | 70.9 | 80.4 | 89.1 | 94.1 | 95.3 | 97.2 | 97.6 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 600 | 27.6 | 71.1 | 80.7 | 89.5 | 94.8 | 96.0 | 98.1 | 98.6 | 98.7 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 500 | 27.6 | 71.1 | 80.8 | 89.6 | 94.9 | 96.3 | 98.4 | 99.0 | 99.1 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 27.6 | 71.1 | 80.9 | 89.6 | 95.0 | 96.4 | 98.5 | 99.1 | 99.2 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 300 | 27.6 | 71.1 | 80.9 | 89.7 | 95.0 | 96.4 | 98.6 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 27.6 | 71.1 | 80.9 | 89.7 | 95.0 | 96.4 | 98.6 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 27.6 | 71.1 | 80.9 | 89.7 | 95.0 | 96.4 | 98.6 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 27.6 | 71.1 | 80.9 | 89.7 | 95.0 | 96.4 | 98.6 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2414

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 22.0 | 45.0 | 48.9 | 51.4 | 52.0 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 20000 | 24.7 | 53.1 | 57.4 | 60.0 | 60.8 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 18000 | 25.0 | 53.5 | 57.8 | 60.4 | 61.3 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 16000 | 25.0 | 53.5 | 57.9 | 60.6 | 61.5 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 14000 | 25.3 | 54.6 | 59.2 | 62.0 | 62.9 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 12000 | 26.1 | 56.3 | 61.2 | 64.0 | 64.9 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 10000 | 27.8 | 59.7 | 64.9 | 68.0 | 69.1 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 9000 | 28.4 | 60.7 | 66.0 | 69.1 | 70.3 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 8000 | 29.1 | 63.0 | 68.3 | 71.8 | 73.2 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 7000 | 29.3 | 63.9 | 69.3 | 72.9 | 74.4 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 6000 | 29.5 | 64.3 | 69.8 | 73.5 | 75.0 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 5000 | 30.3 | 65.5 | 71.3 | 75.1 | 76.7 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 4500 | 30.5 | 66.1 | 71.8 | 75.7 | 77.3 | 77.8 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 4000 | 31.1 | 68.1 | 74.0 | 78.2 | 79.8 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3500 | 32.5 | 70.5 | 76.7 | 80.9 | 82.5 | 83.2 | 83.3 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 3000 | 33.3 | 73.1 | 79.6 | 84.1 | 85.9 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2500 | 33.9 | 75.0 | 81.9 | 86.8 | 88.7 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 2000 | 34.5 | 76.8 | 84.0 | 89.2 | 91.4 | 92.2 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 34.6 | 77.1 | 84.4 | 89.6 | 91.9 | 92.8 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1500 | 34.7 | 78.0 | 85.4 | 91.0 | 93.4 | 94.3 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 34.8 | 78.8 | 86.5 | 92.2 | 94.8 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1000 | 34.9 | 79.2 | 87.1 | 93. | 95.9 | 96.8 | 97.1 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 34.9 | 79.4 | 87.3 | 93.3 | 96.1 | 97.0 | 97.4 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 34.9 | 79.6 | 87.5 | 93.6 | 96.5 | 97.4 | 98.0 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 34.9 | 79.7 | 87.6 | 93.7 | 96.5 | 97.5 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 34.9 | 79.8 | 87.9 | 94.0 | 97.0 | 98.0 | 98.7 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 34.9 | 79.8 | 87.9 | 94.0 | 97.0 | 98.0 | 98.9 | 99.4 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 34.9 | 79.8 | 87.9 | 94.0 | 97.1 | 98.1 | 99.0 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 34.9 | 79.8 | 87.9 | 94.0 | 97.1 | 98.2 | 99.0 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 34.9 | 79.8 | 87.9 | 94.0 | 97.1 | 98.2 | 99.1 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 34.9 | 79.8 | 87.9 | 94.0 | 97.1 | 98.2 | 99.1 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 34.9 | 79.8 | 87.9 | 94.0 | 97.1 | 98.2 | 99.1 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2400

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.7 | 49.0 | 53.2 | 55.6 | 56.4 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 20000 | 27.3 | 58.5 | 63.3 | 66.0 | 67.1 | 67.3 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 18000 | 27.3 | 58.7 | 63.5 | 66.2 | 67.5 | 67.7 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 16000 | 27.4 | 59.0 | 63.8 | 66.6 | 67.8 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 14000 | 27.8 | 59.9 | 64.8 | 67.7 | 69.0 | 69.3 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 12000 | 28.8 | 62.2 | 67.8 | 71.0 | 72.4 | 72.6 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 10000 | 30.2 | 65.2 | 71.3 | 74.8 | 76.7 | 76.9 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 9000 | 30.6 | 66.2 | 72.4 | 76.1 | 78.0 | 78.3 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 8000 | 31.4 | 68.2 | 74.6 | 78.5 | 80.6 | 80.9 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 7000 | 31.7 | 68.9 | 75.4 | 79.5 | 81.7 | 82.0 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 6000 | 32.0 | 69.5 | 76.2 | 80.5 | 82.7 | 83.0 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 5000 | 32.7 | 70.7 | 77.5 | 81.8 | 84.1 | 84.4 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 4500 | 33.2 | 71.5 | 78.3 | 82.7 | 84.9 | 85.3 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 4000 | 33.9 | 73.0 | 80.3 | 84.8 | 87.2 | 87.6 | 88.0 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3500 | 34.2 | 74.1 | 81.5 | 86.1 | 88.6 | 89.0 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 3000 | 34.6 | 75.6 | 83.4 | 88.2 | 90.8 | 91.2 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2500 | 34.8 | 76.6 | 84.6 | 89.5 | 92.2 | 92.7 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2000 | 34.9 | 77.7 | 85.8 | 90.8 | 93.7 | 94.1 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 |
| ≥ 1800 | 35.0 | 77.8 | 85.9 | 91.0 | 93.8 | 94.3 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 |
| ≥ 1500 | 35.0 | 78.3 | 86.4 | 91.7 | 94.7 | 95.2 | 95.9 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 35.1 | 78.6 | 87.0 | 92.3 | 95.5 | 96.0 | 96.8 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1000 | 35.1 | 79.0 | 87.6 | 93.0 | 96.2 | 96.7 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 35.1 | 79.3 | 87.8 | 93.4 | 96.6 | 97.2 | 98.0 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 35.1 | 79.4 | 88.0 | 93.7 | 96.9 | 97.4 | 98.3 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 35.1 | 79.5 | 88.2 | 93.8 | 97.1 | 97.6 | 98.5 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 35.1 | 79.7 | 88.4 | 94.1 | 97.3 | 97.9 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 35.1 | 79.7 | 88.4 | 94.1 | 97.5 | 98.1 | 99.1 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 400 | 35.1 | 79.7 | 88.4 | 94.1 | 97.5 | 98.1 | 99.1 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 35.1 | 79.7 | 88.4 | 94.1 | 97.6 | 98.2 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 35.1 | 79.7 | 88.4 | 94.1 | 97.6 | 98.2 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 35.1 | 79.7 | 88.4 | 94.1 | 97.6 | 98.2 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 35.1 | 79.7 | 88.4 | 94.1 | 97.6 | 98.2 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2410

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 20.6 | 46.3 | 51.6 | 55.1 | 56.6 | 57.3 | 57.9 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 20000 | 22.8 | 54.5 | 60.1 | 64.0 | 65.8 | 66.5 | 67.2 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 18000 | 23.0 | 54.8 | 60.4 | 64.4 | 66.3 | 67.0 | 67.7 | 68.1 | 68.1 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 | 68.2 |
| ≥ 16000 | 23.1 | 54.9 | 60.6 | 64.6 | 66.6 | 67.2 | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 14000 | 23.7 | 56.3 | 62.2 | 66.4 | 68.6 | 69.3 | 70.2 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 12000 | 24.3 | 58.4 | 65.1 | 69.6 | 71.9 | 72.7 | 73.6 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 10000 | 25.5 | 62.4 | 69.3 | 74.1 | 76.8 | 77.7 | 78.7 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 9000 | 25.9 | 63.7 | 70.8 | 75.9 | 78.9 | 79.8 | 80.9 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 8000 | 26.5 | 65.3 | 72.6 | 78.1 | 81.1 | 82.0 | 83.1 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 7000 | 27.0 | 66.2 | 73.7 | 79.6 | 82.7 | 83.6 | 84.8 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 6000 | 27.2 | 66.9 | 74.6 | 80.5 | 83.7 | 84.7 | 85.8 | 86.3 | 86.3 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 | 86.4 |
| ≥ 5000 | 27.9 | 68.3 | 76.0 | 82.2 | 85.7 | 86.7 | 87.9 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4500 | 28.0 | 68.6 | 76.3 | 82.6 | 86.2 | 87.2 | 88.4 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | 28.2 | 69.4 | 77.2 | 83.6 | 87.4 | 88.4 | 89.6 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 3500 | 28.2 | 70.0 | 77.8 | 84.2 | 88.1 | 89.0 | 90.3 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | 28.3 | 70.7 | 78.7 | 85.5 | 89.4 | 90.4 | 91.7 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2500 | 28.4 | 71.3 | 79.5 | 86.3 | 90.4 | 91.5 | 92.9 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 2000 | 28.5 | 72.2 | 80.6 | 87.6 | 91.9 | 92.9 | 94.4 | 95.1 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 28.5 | 72.3 | 80.6 | 87.6 | 91.9 | 93.0 | 94.4 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1500 | 28.5 | 72.6 | 81.0 | 88.0 | 92.3 | 93.5 | 95.0 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 28.6 | 73.1 | 81.6 | 88.7 | 93.1 | 94.3 | 95.8 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 28.7 | 73.5 | 82.1 | 89.5 | 94.0 | 95.2 | 96.8 | 97.5 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 900 | 28.7 | 73.7 | 82.3 | 89.7 | 94.3 | 95.5 | 97.2 | 97.9 | 98.0 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 28.7 | 73.8 | 82.4 | 89.8 | 94.4 | 95.6 | 97.4 | 98.3 | 98.3 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 28.7 | 73.8 | 82.5 | 90.0 | 94.6 | 95.9 | 97.7 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 600 | 28.7 | 73.9 | 82.7 | 90.2 | 94.9 | 96.2 | 98.1 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 28.7 | 73.9 | 82.7 | 90.2 | 95.0 | 96.3 | 98.2 | 99.1 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 28.7 | 73.9 | 82.7 | 90.3 | 95.1 | 96.3 | 98.2 | 99.2 | 99.2 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 28.7 | 73.9 | 82.7 | 90.3 | 95.1 | 96.4 | 98.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 28.7 | 73.9 | 82.7 | 90.3 | 95.1 | 96.4 | 98.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 28.7 | 73.9 | 82.7 | 90.3 | 95.1 | 96.4 | 98.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 28.7 | 73.9 | 82.7 | 90.3 | 95.1 | 96.4 | 98.3 | 99.3 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2408

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (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 | 17.2 | 48.2 | 55.1 | 60.2 | 63.2 | 63.5 | 64.8 | 65.1 | 65.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 20000 | 17.7 | 52.6 | 60.0 | 65.4 | 68.6 | 69.0 | 70.2 | 70.6 | 70.6 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 18000 | 17.7 | 52.7 | 60.0 | 65.4 | 68.6 | 69.0 | 70.3 | 70.7 | 70.7 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 16000 | 17.9 | 52.9 | 60.3 | 65.7 | 69.0 | 69.5 | 70.7 | 71.2 | 71.2 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 14000 | 18.0 | 53.4 | 60.9 | 66.6 | 70.1 | 70.7 | 71.9 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 12000 | 18.5 | 55.4 | 63.1 | 69.0 | 72.7 | 73.3 | 74.7 | 75.2 | 75.2 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 10000 | 19.3 | 58.9 | 66.9 | 73.3 | 77.2 | 77.9 | 79.3 | 79.8 | 79.8 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 9000 | 19.5 | 59.8 | 67.9 | 74.5 | 78.6 | 79.2 | 80.6 | 81.1 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 8000 | 20.0 | 61.2 | 69.6 | 76.5 | 81.0 | 81.6 | 83.2 | 83.7 | 83.7 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 7000 | 20.4 | 62.4 | 70.8 | 77.9 | 82.4 | 83.1 | 84.7 | 85.2 | 85.2 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 6000 | 20.6 | 63.0 | 71.7 | 78.8 | 83.4 | 84.1 | 85.7 | 86.2 | 86.2 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 5000 | 20.7 | 63.9 | 72.7 | 80.0 | 85.0 | 85.7 | 87.4 | 88.0 | 88.0 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4500 | 20.8 | 64.2 | 73.0 | 80.4 | 85.3 | 86.0 | 87.8 | 88.4 | 88.4 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 4000 | 20.9 | 64.9 | 73.9 | 81.6 | 86.6 | 87.5 | 89.4 | 90.1 | 90.1 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 3500 | 21.1 | 65.3 | 74.3 | 82.1 | 87.2 | 88.1 | 90.0 | 90.8 | 90.8 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 3000 | 21.2 | 65.6 | 74.8 | 82.8 | 88.2 | 89.1 | 91.0 | 91.8 | 91.8 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2500 | 21.2 | 66.2 | 75.5 | 83.6 | 89.0 | 89.9 | 91.9 | 92.7 | 92.7 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2600 | 21.6 | 67.1 | 76.5 | 84.8 | 90.5 | 91.5 | 93.5 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 21.6 | 67.2 | 76.7 | 85.0 | 90.7 | 91.7 | 93.7 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 21.7 | 67.5 | 77.1 | 85.5 | 91.4 | 92.5 | 94.4 | 95.2 | 95.2 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1200 | 21.8 | 68.0 | 77.7 | 86.1 | 92.1 | 93.2 | 95.1 | 95.9 | 95.9 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 21.8 | 68.5 | 78.2 | 86.7 | 92.7 | 93.9 | 95.9 | 96.8 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 21.8 | 68.7 | 78.5 | 87.0 | 93.1 | 94.3 | 96.3 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 21.9 | 68.8 | 78.7 | 87.3 | 93.5 | 94.7 | 96.7 | 97.8 | 97.8 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 21.9 | 69.0 | 78.9 | 87.5 | 93.7 | 95.1 | 97.1 | 98.2 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 22.0 | 69.0 | 79.0 | 87.7 | 93.9 | 95.2 | 97.3 | 98.5 | 98.5 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 22.0 | 69.2 | 79.2 | 87.9 | 94.2 | 95.5 | 97.6 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 22.0 | 69.2 | 79.2 | 88.0 | 94.4 | 95.7 | 97.8 | 99.0 | 99.0 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 22.0 | 69.2 | 79.2 | 88.0 | 94.4 | 95.7 | 97.8 | 99.0 | 99.0 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 22.0 | 69.2 | 79.2 | 88.0 | 94.4 | 95.7 | 97.8 | 99.0 | 99.0 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 22.0 | 69.2 | 79.2 | 88.0 | 94.4 | 95.7 | 97.8 | 99.0 | 99.0 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 22.0 | 69.2 | 79.2 | 88.0 | 94.4 | 95.7 | 97.8 | 99.0 | 99.0 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2413

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 16.7 | 44.4 | 48.8 | 53.9 | 58.2 | 59.0 | 60.4 | 60.9 | 60.9 | 61.6 | 61.8 | 61.9 | 62.1 | 62.1 | 62.3 | 62.4 |
| ≥ 20000 | 17.4 | 46.6 | 51.3 | 56.7 | 61.5 | 62.5 | 64.0 | 64.5 | 64.5 | 65.2 | 65.5 | 65.5 | 65.7 | 65.7 | 65.9 | 66.0 |
| ≥ 18000 | 17.4 | 46.6 | 51.3 | 56.7 | 61.5 | 62.5 | 64.0 | 64.5 | 64.5 | 65.2 | 65.5 | 65.6 | 65.8 | 65.8 | 66.0 | 66.0 |
| ≥ 16000 | 17.4 | 46.7 | 51.4 | 56.9 | 61.6 | 62.6 | 64.2 | 64.7 | 64.7 | 65.4 | 65.6 | 65.7 | 65.9 | 65.9 | 66.1 | 66.2 |
| ≥ 14000 | 17.5 | 47.9 | 52.6 | 58.1 | 62.9 | 63.9 | 65.5 | 66.0 | 66.0 | 66.7 | 66.9 | 67.0 | 67.2 | 67.2 | 67.4 | 67.5 |
| ≥ 12000 | 17.9 | 49.2 | 54.3 | 60.2 | 65.3 | 66.3 | 67.8 | 68.3 | 68.3 | 69.0 | 69.3 | 69.4 | 69.6 | 69.6 | 69.8 | 69.5 |
| ≥ 10000 | 19.1 | 51.7 | 57.3 | 63.5 | 68.6 | 69.6 | 71.1 | 71.6 | 71.6 | 72.4 | 72.7 | 72.8 | 73.0 | 73.0 | 73.1 | 73.2 |
| ≥ 9000 | 19.2 | 52.2 | 57.9 | 64.2 | 69.3 | 70.3 | 71.9 | 72.4 | 72.4 | 73.2 | 73.5 | 73.6 | 73.8 | 73.8 | 73.9 | 74.0 |
| ≥ 8000 | 19.9 | 53.9 | 59.7 | 66.3 | 71.7 | 72.7 | 74.3 | 74.8 | 74.8 | 75.6 | 75.8 | 75.9 | 76.1 | 76.1 | 76.3 | 76.4 |
| ≥ 7000 | 20.2 | 55.4 | 61.3 | 68.0 | 73.7 | 74.7 | 76.4 | 76.9 | 76.9 | 77.7 | 78.0 | 78.1 | 78.3 | 78.3 | 78.4 | 78.5 |
| ≥ 6000 | 20.2 | 55.8 | 61.7 | 68.4 | 74.3 | 75.4 | 77.1 | 77.6 | 77.6 | 78.4 | 78.6 | 78.7 | 78.9 | 78.9 | 79.1 | 79.2 |
| ≥ 5000 | 20.3 | 56.9 | 63.0 | 69.8 | 75.8 | 77.0 | 78.6 | 79.1 | 79.1 | 80.0 | 80.2 | 80.3 | 80.5 | 80.5 | 80.7 | 80.8 |
| ≥ 4500 | 20.4 | 57.4 | 63.6 | 70.3 | 76.4 | 77.6 | 79.2 | 79.7 | 79.7 | 80.6 | 80.8 | 80.9 | 81.1 | 81.1 | 81.3 | 81.4 |
| ≥ 4000 | 20.6 | 58.6 | 64.7 | 71.7 | 78.0 | 79.1 | 80.8 | 81.3 | 81.3 | 82.1 | 82.4 | 82.5 | 82.7 | 82.7 | 82.9 | 82.9 |
| ≥ 3500 | 20.9 | 59.4 | 65.6 | 72.7 | 79.0 | 80.2 | 82.1 | 82.6 | 82.6 | 83.4 | 83.6 | 83.7 | 83.9 | 83.9 | 84.1 | 84.2 |
| ≥ 3000 | 21.3 | 60.4 | 66.8 | 74.0 | 80.4 | 81.6 | 83.6 | 84.1 | 84.1 | 84.9 | 85.2 | 85.3 | 85.5 | 85.5 | 85.6 | 85.7 |
| ≥ 2500 | 21.5 | 61.4 | 67.8 | 75.1 | 81.6 | 82.8 | 84.7 | 85.3 | 85.3 | 86.1 | 86.4 | 86.4 | 86.6 | 86.6 | 86.8 | 86.9 |
| ≥ 2000 | 21.8 | 62.0 | 68.6 | 75.9 | 82.7 | 83.9 | 85.9 | 86.4 | 86.4 | 87.2 | 87.5 | 87.6 | 87.8 | 87.8 | 87.9 | 88.0 |
| ≥ 1800 | 21.8 | 62.2 | 68.9 | 76.3 | 83.1 | 84.4 | 86.3 | 86.9 | 86.9 | 87.7 | 87.9 | 88.0 | 88.2 | 88.2 | 88.4 | 88.5 |
| ≥ 1500 | 22.0 | 62.8 | 69.6 | 77.2 | 84.4 | 85.7 | 87.7 | 88.2 | 88.2 | 89.2 | 89.4 | 89.5 | 89.7 | 89.7 | 89.9 | 90.0 |
| ≥ 1200 | 22.0 | 63.2 | 70.0 | 77.7 | 85.6 | 86.9 | 89.2 | 89.9 | 89.9 | 90.9 | 91.1 | 91.2 | 91.4 | 91.4 | 91.6 | 91.7 |
| ≥ 1000 | 22.1 | 63.7 | 70.6 | 78.4 | 86.4 | 87.8 | 90.4 | 91.2 | 91.2 | 92.4 | 92.8 | 92.9 | 93.1 | 93.1 | 93.2 | 93.3 |
| ≥ 900 | 22.1 | 63.7 | 70.8 | 78.6 | 86.7 | 88.1 | 90.9 | 91.6 | 91.6 | 92.9 | 93.2 | 93.3 | 93.5 | 93.5 | 93.7 | 93.8 |
| ≥ 800 | 22.1 | 63.8 | 70.9 | 79.1 | 87.3 | 88.7 | 91.7 | 92.4 | 92.4 | 93.7 | 94.1 | 94.2 | 94.4 | 94.4 | 94.6 | 94.7 |
| ≥ 700 | 22.1 | 64.2 | 71.3 | 79.5 | 87.9 | 89.4 | 92.4 | 93.3 | 93.3 | 94.6 | 95.0 | 95.0 | 95.2 | 95.2 | 95.4 | 95.5 |
| ≥ 600 | 22.1 | 64.2 | 71.4 | 79.6 | 88.2 | 89.7 | 92.7 | 93.6 | 93.6 | 94.9 | 95.3 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 500 | 22.1 | 64.5 | 71.6 | 79.9 | 88.8 | 90.3 | 93.5 | 94.4 | 94.4 | 95.8 | 96.2 | 96.3 | 96.6 | 96.6 | 96.7 | 96.8 |
| ≥ 400 | 22.1 | 64.6 | 71.8 | 80.1 | 88.9 | 90.4 | 93.7 | 94.8 | 94.8 | 96.3 | 96.9 | 97.0 | 97.2 | 97.2 | 97.4 | 97.5 |
| ≥ 300 | 22.1 | 64.6 | 71.8 | 80.1 | 89.0 | 90.6 | 94.1 | 95.2 | 95.3 | 97.0 | 97.6 | 97.7 | 97.9 | 97.9 | 98.1 | 98.2 |
| ≥ 200 | 22.1 | 64.6 | 71.8 | 80.1 | 89.2 | 90.7 | 94.5 | 95.7 | 95.8 | 97.6 | 98.4 | 98.5 | 98.9 | 99.0 | 99.1 | 99.2 |
| ≥ 100 | 22.1 | 64.6 | 71.8 | 80.1 | 89.2 | 90.7 | 94.5 | 95.7 | 95.8 | 97.7 | 98.4 | 98.6 | 99.0 | 99.1 | 99.3 | 99.5 |
| 0 | 22.1 | 64.6 | 71.8 | 80.1 | 89.2 | 90.7 | 94.5 | 95.7 | 95.8 | 97.7 | 98.4 | 98.6 | 99.0 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2397

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 13.7 | 40.4 | 44.5 | 48.9 | 53.8 | 54.9 | 57.3 | 58.5 | 58.8 | 59.7 | 60.0 | 60.0 | 60.4 | 60.5 | 60.7 | 61.0 |
| ≥ 20000 | 14.5 | 42.2 | 46.6 | 51.2 | 56.4 | 57.5 | 60.1 | 61.4 | 61.6 | 62.6 | 62.9 | 62.9 | 63.3 | 63.4 | 63.6 | 63.9 |
| ≥ 18000 | 14.6 | 42.3 | 46.6 | 51.3 | 56.6 | 57.8 | 60.3 | 61.6 | 61.8 | 62.8 | 63.1 | 63.1 | 63.5 | 63.6 | 63.8 | 64.1 |
| ≥ 16000 | 14.6 | 42.3 | 46.7 | 51.4 | 56.7 | 57.8 | 60.5 | 61.8 | 62.0 | 62.9 | 63.3 | 63.3 | 63.7 | 63.8 | 64.0 | 64.3 |
| ≥ 14000 | 14.8 | 42.9 | 47.3 | 52.1 | 57.5 | 58.7 | 61.5 | 62.8 | 63.0 | 63.9 | 64.3 | 64.3 | 64.7 | 64.8 | 65.0 | 65.3 |
| ≥ 12000 | 15.2 | 43.9 | 48.5 | 53.5 | 59.4 | 60.5 | 63.3 | 64.6 | 64.8 | 65.9 | 66.2 | 66.2 | 66.6 | 66.7 | 66.9 | 67.2 |
| ≥ 10000 | 16.0 | 45.8 | 50.8 | 56.0 | 62.4 | 63.6 | 66.5 | 67.8 | 68.0 | 69.0 | 69.4 | 69.4 | 69.8 | 69.9 | 70.1 | 70.4 |
| ≥ 9000 | 16.2 | 46.1 | 51.3 | 56.5 | 63.0 | 64.2 | 67.1 | 68.4 | 68.6 | 69.7 | 70.0 | 70.0 | 70.5 | 70.5 | 70.8 | 71.0 |
| ≥ 8000 | 16.7 | 47.4 | 52.7 | 58.0 | 64.7 | 65.8 | 68.8 | 70.0 | 70.3 | 71.3 | 71.7 | 71.7 | 72.1 | 72.2 | 72.4 | 72.7 |
| ≥ 7000 | 16.9 | 48.4 | 53.7 | 59.3 | 66.0 | 67.1 | 70.1 | 71.5 | 71.8 | 72.9 | 73.3 | 73.3 | 73.7 | 73.8 | 74.0 | 74.3 |
| ≥ 6000 | 17.3 | 49.1 | 54.5 | 60.1 | 66.8 | 68.0 | 71.0 | 72.5 | 72.8 | 73.9 | 74.3 | 74.3 | 74.7 | 74.8 | 75.0 | 75.3 |
| ≥ 5000 | 17.5 | 50.3 | 55.8 | 61.5 | 68.4 | 69.6 | 72.8 | 74.3 | 74.6 | 75.7 | 76.0 | 76.0 | 76.5 | 76.5 | 76.8 | 77.0 |
| ≥ 4500 | 17.7 | 50.8 | 56.3 | 62.2 | 69.0 | 70.3 | 73.4 | 74.9 | 75.2 | 76.3 | 76.7 | 76.7 | 77.1 | 77.2 | 77.4 | 77.7 |
| ≥ 4000 | 18.0 | 51.5 | 57.1 | 63.1 | 70.1 | 71.4 | 74.6 | 76.1 | 76.4 | 77.5 | 77.9 | 77.9 | 78.3 | 78.4 | 78.6 | 78.9 |
| ≥ 3500 | 18.1 | 52.2 | 57.8 | 64.0 | 71.2 | 72.4 | 75.8 | 77.4 | 77.7 | 78.8 | 79.2 | 79.2 | 79.6 | 79.7 | 79.9 | 80.2 |
| ≥ 3000 | 18.4 | 53.2 | 59.0 | 65.3 | 72.7 | 74.0 | 77.5 | 79.2 | 79.5 | 80.6 | 81.0 | 81.0 | 81.5 | 81.5 | 81.8 | 82.0 |
| ≥ 2500 | 18.5 | 53.9 | 59.8 | 66.2 | 73.7 | 74.9 | 78.5 | 80.2 | 80.5 | 81.6 | 82.0 | 82.0 | 82.5 | 82.5 | 82.8 | 83.0 |
| ≥ 2000 | 18.7 | 54.8 | 60.8 | 67.2 | 75.0 | 76.3 | 80.2 | 81.9 | 82.2 | 83.4 | 83.8 | 83.8 | 84.2 | 84.3 | 84.5 | 84.8 |
| ≥ 1800 | 18.8 | 55.1 | 61.1 | 67.5 | 75.4 | 76.7 | 80.6 | 82.4 | 82.7 | 83.8 | 84.2 | 84.2 | 84.7 | 84.8 | 85.0 | 85.3 |
| ≥ 1500 | 19.0 | 55.5 | 61.5 | 68.0 | 76.0 | 77.4 | 81.4 | 83.3 | 83.6 | 84.9 | 85.3 | 85.3 | 85.7 | 85.8 | 86.0 | 86.3 |
| ≥ 1200 | 19.0 | 56.1 | 62.3 | 68.9 | 77.2 | 78.6 | 82.8 | 84.8 | 85.1 | 86.4 | 86.8 | 86.8 | 87.3 | 87.3 | 87.5 | 87.8 |
| ≥ 1000 | 19.0 | 56.6 | 63.0 | 69.9 | 78.7 | 80.2 | 84.6 | 86.8 | 87.1 | 88.6 | 89.0 | 89.0 | 89.5 | 89.6 | 89.8 | 90.1 |
| ≥ 900 | 19.0 | 56.8 | 63.3 | 70.3 | 79.2 | 80.7 | 85.3 | 87.5 | 87.8 | 89.3 | 89.8 | 89.8 | 90.2 | 90.3 | 90.5 | 90.8 |
| ≥ 800 | 19.0 | 57.1 | 63.7 | 70.8 | 79.9 | 81.5 | 86.2 | 88.5 | 88.8 | 90.3 | 90.8 | 90.8 | 91.3 | 91.4 | 91.7 | 92.0 |
| ≥ 700 | 19.0 | 57.3 | 64.0 | 71.3 | 80.5 | 82.1 | 87.1 | 89.5 | 90.0 | 91.6 | 92.2 | 92.2 | 92.7 | 92.8 | 93.0 | 93.3 |
| ≥ 600 | 19.0 | 57.3 | 64.2 | 71.4 | 80.9 | 82.5 | 87.7 | 90.3 | 90.7 | 92.3 | 92.9 | 92.9 | 93.4 | 93.5 | 93.8 | 94.0 |
| ≥ 500 | 19.0 | 57.4 | 64.3 | 71.5 | 81.3 | 83.2 | 88.6 | 91.4 | 91.8 | 93.5 | 94.2 | 94.2 | 94.8 | 94.8 | 95.1 | 95.4 |
| ≥ 400 | 19.0 | 57.4 | 64.3 | 71.6 | 81.5 | 83.3 | 88.8 | 91.7 | 92.2 | 94.1 | 94.8 | 94.8 | 95.4 | 95.5 | 95.7 | 96.0 |
| ≥ 300 | 19.0 | 57.4 | 64.3 | 71.7 | 81.7 | 83.5 | 89.2 | 92.1 | 92.7 | 94.8 | 95.5 | 95.5 | 96.0 | 96.1 | 96.4 | 96.7 |
| ≥ 200 | 19.0 | 57.4 | 64.3 | 71.7 | 81.7 | 83.5 | 89.3 | 92.3 | 93.0 | 95.3 | 96.1 | 96.1 | 96.8 | 96.9 | 97.3 | 97.7 |
| ≥ 100 | 19.0 | 57.4 | 64.3 | 71.7 | 81.7 | 83.5 | 89.3 | 92.3 | 93.1 | 95.5 | 96.4 | 96.5 | 97.6 | 97.8 | 98.5 | 98.9 |
| 0 | 19.0 | 57.4 | 64.3 | 71.7 | 81.7 | 83.5 | 89.3 | 92.3 | 93.1 | 95.5 | 96.4 | 96.5 | 97.7 | 97.9 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2400

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 13.2 | 33.5 | 38.3 | 42.9 | 46.4 | 47.6 | 49.5 | 50.7 | 50.9 | 51.5 | 51.9 | 52.0 | 52.2 | 52.2 | 52.4 | 52.6 |
| ≥ 20000 | 14.4 | 36.6 | 42.1 | 47.0 | 50.9 | 52.3 | 54.3 | 55.6 | 55.8 | 56.7 | 57.1 | 57.2 | 57.5 | 57.5 | 57.8 | 58.2 |
| ≥ 18000 | 14.4 | 36.7 | 42.2 | 47.2 | 51.2 | 52.5 | 54.6 | 55.9 | 56.1 | 57.0 | 57.4 | 57.5 | 57.8 | 57.8 | 58.1 | 58.5 |
| ≥ 16000 | 14.4 | 36.8 | 42.3 | 47.5 | 51.5 | 52.9 | 55.1 | 56.3 | 56.6 | 57.4 | 57.9 | 57.9 | 58.2 | 58.2 | 58.5 | 58.9 |
| ≥ 14000 | 14.7 | 37.6 | 43.1 | 48.5 | 52.8 | 54.3 | 56.6 | 58.0 | 58.2 | 59.1 | 59.5 | 59.6 | 59.9 | 59.9 | 60.2 | 60.6 |
| ≥ 12000 | 15.2 | 39.2 | 45.0 | 50.8 | 55.4 | 57.0 | 59.6 | 61.1 | 61.3 | 62.2 | 62.6 | 62.7 | 62.9 | 62.9 | 63.2 | 63.7 |
| ≥ 10000 | 16.2 | 42.0 | 48.1 | 54.3 | 59.4 | 61.1 | 64.0 | 65.5 | 65.7 | 66.7 | 67.1 | 67.2 | 67.5 | 67.5 | 67.8 | 68.2 |
| ≥ 9000 | 16.5 | 42.5 | 48.6 | 54.8 | 60.0 | 61.7 | 64.6 | 66.2 | 66.4 | 67.3 | 67.7 | 67.8 | 68.1 | 68.1 | 68.4 | 68.8 |
| ≥ 8000 | 16.9 | 44.1 | 50.3 | 56.7 | 62.2 | 64.0 | 66.9 | 68.5 | 68.7 | 69.6 | 70.1 | 70.2 | 70.5 | 70.5 | 70.8 | 71.2 |
| ≥ 7000 | 17.4 | 45.2 | 51.7 | 58.2 | 63.8 | 65.8 | 68.8 | 70.5 | 70.7 | 71.6 | 72.1 | 72.2 | 72.5 | 72.5 | 72.8 | 73.2 |
| ≥ 6000 | 17.7 | 45.9 | 52.5 | 59.1 | 64.8 | 66.8 | 69.8 | 71.4 | 71.7 | 72.6 | 73.1 | 73.2 | 73.6 | 73.6 | 73.9 | 74.3 |
| ≥ 5000 | 17.9 | 47.0 | 53.7 | 60.4 | 66.2 | 68.2 | 71.4 | 73.1 | 73.4 | 74.3 | 74.8 | 74.9 | 75.2 | 75.2 | 75.5 | 75.9 |
| ≥ 4500 | 18.0 | 47.3 | 54.0 | 60.7 | 66.5 | 68.5 | 71.8 | 73.6 | 73.8 | 74.7 | 75.2 | 75.4 | 75.7 | 75.7 | 76.0 | 76.4 |
| ≥ 4000 | 18.4 | 48.1 | 54.9 | 61.9 | 67.7 | 69.8 | 73.0 | 74.8 | 75.1 | 76.0 | 76.5 | 76.6 | 76.9 | 76.9 | 77.2 | 77.7 |
| ≥ 3500 | 18.5 | 48.4 | 55.3 | 62.4 | 68.2 | 70.3 | 73.6 | 75.5 | 75.7 | 76.6 | 77.2 | 77.3 | 77.6 | 77.6 | 77.9 | 78.3 |
| ≥ 3000 | 18.7 | 49.3 | 56.3 | 63.6 | 69.3 | 71.5 | 75.0 | 76.8 | 77.1 | 78.0 | 78.5 | 78.6 | 78.9 | 78.9 | 79.2 | 79.7 |
| ≥ 2500 | 18.9 | 49.8 | 56.9 | 64.3 | 70.3 | 72.5 | 76.0 | 77.9 | 78.2 | 79.2 | 79.7 | 79.8 | 80.1 | 80.1 | 80.4 | 80.8 |
| ≥ 2000 | 19.1 | 50.6 | 57.6 | 65.5 | 71.5 | 73.8 | 77.5 | 79.4 | 79.7 | 80.7 | 81.2 | 81.4 | 81.7 | 81.7 | 82.0 | 82.4 |
| ≥ 1800 | 19.3 | 50.9 | 57.9 | 65.7 | 71.8 | 74.1 | 77.8 | 79.8 | 80.1 | 81.1 | 81.6 | 81.7 | 82.0 | 82.0 | 82.3 | 82.7 |
| ≥ 1500 | 19.3 | 51.4 | 58.5 | 66.5 | 72.6 | 75.0 | 78.8 | 81.0 | 81.2 | 82.2 | 82.7 | 82.9 | 83.2 | 83.2 | 83.5 | 83.9 |
| ≥ 1200 | 19.4 | 52.2 | 59.5 | 67.8 | 74.1 | 76.6 | 80.6 | 82.7 | 83.0 | 84.0 | 84.5 | 84.7 | 85.0 | 85.0 | 85.3 | 85.7 |
| ≥ 1000 | 19.5 | 52.8 | 60.3 | 68.7 | 75.3 | 77.9 | 82.1 | 84.5 | 84.9 | 86.1 | 86.6 | 86.8 | 87.1 | 87.1 | 87.4 | 87.8 |
| ≥ 900 | 19.6 | 53.1 | 60.7 | 69.3 | 76.0 | 78.7 | 83.0 | 85.5 | 85.8 | 87.1 | 87.6 | 87.8 | 88.1 | 88.2 | 88.5 | 88.9 |
| ≥ 800 | 19.8 | 53.5 | 61.3 | 69.9 | 76.8 | 79.6 | 84.3 | 86.8 | 87.1 | 88.5 | 89.1 | 89.2 | 89.6 | 89.6 | 89.9 | 90.3 |
| ≥ 700 | 19.8 | 54.0 | 61.9 | 71.0 | 78.2 | 81.0 | 85.8 | 88.4 | 88.8 | 90.1 | 90.7 | 90.8 | 91.2 | 91.2 | 91.5 | 91.9 |
| ≥ 600 | 19.8 | 54.1 | 62.2 | 71.3 | 78.6 | 81.5 | 86.4 | 89.1 | 89.4 | 91.1 | 91.7 | 91.9 | 92.3 | 92.4 | 92.6 | 93.1 |
| ≥ 500 | 19.8 | 54.3 | 62.5 | 71.7 | 79.3 | 82.5 | 87.8 | 90.9 | 91.3 | 93.3 | 94.0 | 94.2 | 94.8 | 94.9 | 95.2 | 95.6 |
| ≥ 400 | 19.8 | 54.3 | 62.6 | 71.8 | 79.6 | 82.7 | 88.2 | 91.3 | 91.8 | 93.8 | 94.7 | 94.9 | 95.5 | 95.6 | 95.9 | 96.3 |
| ≥ 300 | 19.8 | 54.3 | 62.6 | 71.9 | 79.8 | 83.1 | 88.6 | 91.8 | 92.3 | 94.6 | 95.5 | 95.8 | 96.6 | 96.7 | 97.1 | 97.6 |
| ≥ 200 | 19.8 | 54.4 | 62.7 | 72.0 | 79.9 | 83.2 | 88.8 | 92.1 | 92.6 | 95.1 | 96.0 | 96.3 | 97.4 | 97.6 | 98.1 | 98.7 |
| ≥ 100 | 19.8 | 54.4 | 62.7 | 72.0 | 79.9 | 83.2 | 88.8 | 92.1 | 92.6 | 95.1 | 96.1 | 96.4 | 97.7 | 98.0 | 98.6 | 99.4 |
| ≥ 0 | 19.8 | 54.4 | 62.7 | 72.0 | 79.9 | 83.2 | 88.8 | 92.1 | 92.6 | 95.1 | 96.1 | 96.4 | 97.7 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2394

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.1 | 46.3 | 49.4 | 52.2 | 53.2 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 |
| ≥ 20000 | 25.3 | 51.5 | 54.8 | 57.9 | 59.1 | 59.3 | 59.5 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 18000 | 25.3 | 51.7 | 55.0 | 58.1 | 59.3 | 59.5 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 16000 | 25.5 | 52.1 | 55.5 | 58.6 | 59.8 | 60.0 | 60.2 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 14000 | 25.8 | 52.9 | 56.4 | 59.5 | 60.9 | 61.1 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 12000 | 26.5 | 54.9 | 58.7 | 62.2 | 63.8 | 64.1 | 64.3 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 10000 | 27.4 | 57.2 | 61.2 | 65.1 | 67.1 | 67.4 | 67.6 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 9000 | 27.8 | 57.9 | 61.8 | 65.8 | 67.7 | 68.1 | 68.4 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 8000 | 28.3 | 59.2 | 63.2 | 67.3 | 69.3 | 69.7 | 70.0 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 7000 | 28.6 | 60.1 | 64.2 | 68.4 | 70.6 | 71.0 | 71.4 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 6000 | 28.9 | 60.6 | 64.7 | 68.9 | 71.1 | 71.6 | 72.1 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 5000 | 29.1 | 61.6 | 65.9 | 70.3 | 72.5 | 73.0 | 73.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 4500 | 29.2 | 61.8 | 66.2 | 70.6 | 72.9 | 73.4 | 74.0 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 4000 | 29.5 | 62.9 | 67.3 | 71.8 | 74.2 | 74.8 | 75.5 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 3500 | 30.0 | 63.7 | 68.4 | 72.9 | 75.5 | 76.1 | 76.8 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 3000 | 30.3 | 65.2 | 70.2 | 74.9 | 77.6 | 78.3 | 79.0 | 79.2 | 79.2 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 2500 | 30.9 | 66.6 | 71.9 | 76.7 | 79.4 | 80.1 | 80.9 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 2000 | 31.4 | 68.0 | 73.5 | 78.6 | 81.5 | 82.3 | 83.1 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 1800 | 31.6 | 68.6 | 74.1 | 79.2 | 82.2 | 83.0 | 83.8 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 1500 | 32.0 | 69.9 | 75.6 | 80.9 | 84.3 | 85.2 | 86.1 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1200 | 32.3 | 71.4 | 77.5 | 83.3 | 87.1 | 88.1 | 89.1 | 89.4 | 89.4 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1000 | 32.4 | 72.1 | 78.5 | 84.4 | 88.6 | 89.7 | 91.0 | 91.3 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 900 | 32.4 | 72.5 | 79.0 | 85.2 | 89.8 | 91.0 | 92.3 | 92.6 | 92.6 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 800 | 32.5 | 72.8 | 79.4 | 86.0 | 90.8 | 92.3 | 93.7 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 700 | 32.6 | 73.2 | 80.1 | 86.8 | 91.9 | 93.6 | 95.2 | 95.5 | 95.6 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 600 | 32.6 | 73.4 | 80.5 | 87.3 | 92.6 | 94.4 | 96.1 | 96.5 | 96.6 | 97.0 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 500 | 32.6 | 73.7 | 80.9 | 87.8 | 93.4 | 95.2 | 97.1 | 97.6 | 97.7 | 98.1 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 400 | 32.6 | 73.7 | 80.9 | 87.9 | 93.6 | 95.4 | 97.4 | 98.0 | 98.1 | 98.6 | 98.9 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 300 | 32.6 | 73.7 | 80.9 | 87.9 | 93.6 | 95.5 | 97.6 | 98.4 | 98.6 | 99.1 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 32.6 | 73.7 | 80.9 | 87.9 | 93.6 | 95.5 | 97.6 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 32.6 | 73.7 | 80.9 | 87.9 | 93.6 | 95.5 | 97.6 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 32.6 | 73.7 | 80.9 | 87.9 | 93.6 | 95.5 | 97.6 | 98.4 | 98.6 | 99.2 | 99.5 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2395

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 27.7 | 47.6 | 49.9 | 51.8 | 52.0 | 52.1 | 52.1 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | 32.0 | 55.4 | 58.0 | 60.2 | 60.8 | 60.8 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| < 20000 ≥ 18000 | 32.1 | 55.7 | 58.3 | 60.5 | 61.1 | 61.1 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| < 18000 ≥ 16000 | 32.2 | 56.1 | 58.7 | 60.9 | 61.5 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 |
| < 16000 ≥ 14000 | 32.4 | 56.9 | 59.6 | 61.9 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| < 14000 ≥ 12000 | 33.2 | 58.6 | 61.5 | 63.8 | 64.5 | 64.5 | 64.6 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| < 12000 ≥ 10000 | 34.0 | 61.7 | 64.8 | 67.4 | 68.2 | 68.3 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| < 10000 ≥ 9000 | 34.9 | 62.2 | 65.5 | 68.3 | 69.1 | 69.2 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| < 9000 ≥ 8000 | 35.4 | 63.7 | 67.0 | 70.1 | 70.9 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| < 8000 ≥ 7000 | 35.9 | 64.7 | 68.0 | 71.2 | 72.2 | 72.3 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| < 7000 ≥ 6000 | 36.1 | 65.2 | 68.5 | 71.7 | 72.8 | 73.0 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| < 6000 ≥ 5000 | 36.3 | 66.3 | 69.9 | 73.1 | 74.2 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| < 5000 ≥ 4500 | 36.7 | 66.9 | 70.7 | 74.0 | 75.1 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| < 4500 | 37.7 | 69.1 | 73.0 | 76.5 | 77.6 | 77.8 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| < 4500 ≥ 3500 | 38.6 | 70.7 | 75.0 | 78.6 | 79.7 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| < 3500 ≥ 3000 | 40.0 | 73.7 | 78.3 | 82.4 | 83.6 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| < 3000 ≥ 2500 | 41.3 | 76.6 | 81.5 | 86.0 | 87.3 | 87.6 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| < 2500 ≥ 2000 | 42.1 | 78.8 | 83.9 | 88.6 | 90.0 | 90.3 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| < 2000 ≥ 1800 | 42.1 | 79.1 | 84.2 | 89.0 | 90.5 | 90.8 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| < 1800 ≥ 1500 | 42.4 | 80.0 | 85.3 | 90.4 | 92.1 | 92.6 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| < 1500 ≥ 1200 | 42.5 | 80.6 | 86.1 | 91.3 | 93.4 | 93.9 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| < 1200 ≥ 1000 | 42.5 | 81.1 | 86.7 | 92.2 | 94.6 | 95.1 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| < 1000 ≥ 900 | 42.5 | 81.2 | 86.8 | 92.5 | 95.0 | 95.6 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| < 900 ≥ 800 | 42.5 | 81.3 | 86.9 | 92.6 | 95.2 | 95.9 | 96.8 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| < 800 ≥ 700 | 42.5 | 81.5 | 87.2 | 92.9 | 95.7 | 96.4 | 97.3 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| < 700 ≥ 600 | 42.5 | 81.5 | 87.2 | 93.0 | 95.9 | 96.7 | 97.8 | 98.0 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| < 600 ≥ 500 | 42.5 | 81.5 | 87.2 | 93.1 | 96.1 | 96.9 | 98.0 | 98.3 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| < 500 ≥ 400 | 42.5 | 81.6 | 87.4 | 93.2 | 96.2 | 97.1 | 98.2 | 98.6 | 98.7 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| < 400 ≥ 300 | 42.5 | 81.6 | 87.4 | 93.3 | 96.3 | 97.1 | 98.3 | 98.8 | 98.9 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| < 300 ≥ 200 | 42.5 | 81.6 | 87.4 | 93.3 | 96.3 | 97.1 | 98.3 | 98.8 | 98.9 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| < 200 ≥ 100 | 42.5 | 81.6 | 87.4 | 93.3 | 96.3 | 97.1 | 98.3 | 98.8 | 98.9 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| < 100 | 42.5 | 81.6 | 87.4 | 93.3 | 96.3 | 97.1 | 98.3 | 98.8 | 98.9 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2392

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 28.4 | 49.8 | 52.0 | 53.6 | 54.2 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 20000 | 33.2 | 58.2 | 60.6 | 62.6 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 18000 | 33.5 | 58.7 | 61.0 | 63.0 | 63.7 | 63.8 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 16000 | 33.6 | 58.9 | 61.3 | 63.3 | 64.1 | 64.1 | 64.1 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 14000 | 33.9 | 59.9 | 62.4 | 64.5 | 65.2 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 12000 | 34.9 | 62.6 | 65.3 | 67.7 | 68.4 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 10000 | 36.1 | 66.3 | 69.1 | 71.7 | 72.5 | 72.6 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 9000 | 36.3 | 67.1 | 70.1 | 72.8 | 73.6 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 8000 | 36.7 | 68.6 | 71.9 | 74.8 | 75.7 | 75.9 | 75.9 | 75.9 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 7000 | 37.3 | 70.1 | 73.4 | 76.5 | 77.5 | 77.8 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 6000 | 37.6 | 70.9 | 74.4 | 77.7 | 78.9 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 5000 | 38.2 | 72.1 | 75.7 | 79.3 | 80.5 | 80.8 | 80.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4500 | 38.7 | 72.9 | 76.5 | 80.1 | 81.3 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4000 | 39.5 | 74.4 | 78.1 | 81.7 | 83.0 | 83.3 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 3500 | 40.3 | 76.0 | 79.8 | 83.5 | 84.8 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 3000 | 40.9 | 77.9 | 81.7 | 85.8 | 87.3 | 87.7 | 87.8 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2500 | 41.4 | 79.1 | 83.3 | 87.7 | 89.3 | 89.6 | 89.8 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 2000 | 41.6 | 80.6 | 84.8 | 89.4 | 91.2 | 91.5 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 1800 | 41.6 | 80.8 | 85.0 | 89.7 | 91.5 | 91.8 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1500 | 41.6 | 81.3 | 85.6 | 90.4 | 92.2 | 92.6 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1200 | 41.7 | 82.2 | 86.7 | 91.6 | 93.6 | 94.0 | 94.4 | 94.6 | 94.7 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 41.8 | 82.5 | 87.2 | 92.1 | 94.4 | 94.8 | 95.4 | 95.7 | 95.8 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 900 | 41.8 | 82.5 | 87.2 | 92.1 | 94.4 | 94.9 | 95.5 | 95.8 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 800 | 41.8 | 82.6 | 87.4 | 92.4 | 94.8 | 95.3 | 96.1 | 96.5 | 96.6 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 700 | 41.8 | 82.7 | 87.7 | 92.7 | 95.5 | 96.0 | 96.9 | 97.2 | 97.4 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | 41.8 | 82.7 | 87.7 | 92.8 | 95.5 | 96.1 | 97.2 | 97.5 | 97.7 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 500 | 41.8 | 82.8 | 87.8 | 93.0 | 95.8 | 96.4 | 97.4 | 97.9 | 98.1 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 400 | 41.8 | 82.8 | 87.9 | 93.1 | 96.0 | 96.6 | 97.7 | 98.2 | 98.4 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 300 | 41.8 | 82.8 | 87.9 | 93.1 | 96.0 | 96.6 | 97.7 | 98.2 | 98.5 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 41.8 | 82.9 | 87.9 | 93.2 | 96.0 | 96.6 | 97.8 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 41.8 | 82.9 | 87.9 | 93.2 | 96.0 | 96.6 | 97.8 | 98.3 | 98.5 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 41.8 | 82.9 | 87.9 | 93.2 | 96.0 | 96.7 | 97.8 | 98.3 | 98.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2398

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.2 | 51.1 | 53.8 | 56.3 | 57.3 | 57.6 | 58.1 | 58.4 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 20000 | 27.1 | 57.3 | 60.3 | 62.9 | 64.4 | 64.8 | 65.3 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 18000 | 27.2 | 57.5 | 60.5 | 63.1 | 64.6 | 65.0 | 65.5 | 65.8 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 16000 | 27.3 | 57.7 | 60.8 | 63.5 | 64.9 | 65.4 | 65.9 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 27.5 | 58.7 | 61.9 | 64.7 | 66.2 | 66.6 | 67.1 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 12000 | 28.2 | 60.9 | 64.4 | 67.6 | 69.1 | 69.5 | 70.0 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 10000 | 29.1 | 64.0 | 67.7 | 71.1 | 72.9 | 73.3 | 73.8 | 74.1 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 9000 | 29.3 | 64.8 | 68.7 | 72.2 | 74.0 | 74.4 | 74.9 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 8000 | 30.2 | 66.8 | 70.7 | 74.3 | 76.2 | 76.7 | 77.3 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 7000 | 30.3 | 67.8 | 71.9 | 75.5 | 77.5 | 78.0 | 78.8 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | 30.5 | 68.5 | 72.7 | 76.5 | 78.5 | 79.0 | 79.8 | 80.1 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 5000 | 30.8 | 69.9 | 74.2 | 78.2 | 80.5 | 81.0 | 81.9 | 82.2 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 4500 | 31.0 | 70.4 | 74.6 | 78.8 | 81.1 | 81.6 | 82.4 | 82.8 | 82.9 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 4000 | 31.3 | 71.2 | 75.5 | 79.7 | 82.1 | 82.8 | 83.7 | 84.0 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3500 | 31.3 | 72.0 | 76.3 | 80.6 | 83.1 | 83.9 | 84.8 | 85.1 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 3000 | 31.7 | 73.3 | 78.0 | 82.3 | 85.1 | 86.0 | 86.9 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 2500 | 32.0 | 74.1 | 78.9 | 83.4 | 86.3 | 87.3 | 88.3 | 88.6 | 88.8 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 2000 | 32.4 | 75.1 | 80.1 | 84.8 | 87.8 | 88.8 | 89.9 | 90.4 | 90.6 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1800 | 32.5 | 75.3 | 80.2 | 85.0 | 88.2 | 89.2 | 90.4 | 90.8 | 91.0 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1500 | 32.6 | 75.8 | 80.8 | 85.8 | 89.1 | 90.1 | 91.4 | 91.9 | 92.1 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 1200 | 32.7 | 76.3 | 81.5 | 86.5 | 90.1 | 91.1 | 92.4 | 92.9 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1000 | 32.7 | 76.8 | 82.2 | 87.3 | 91.4 | 92.4 | 94.0 | 94.6 | 94.9 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 900 | 32.7 | 76.9 | 82.4 | 87.6 | 91.8 | 92.9 | 94.5 | 95.2 | 95.5 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 800 | 32.8 | 77.1 | 82.7 | 87.9 | 92.2 | 93.3 | 95.1 | 95.9 | 96.2 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 700 | 32.8 | 77.3 | 82.9 | 88.2 | 92.6 | 93.6 | 95.5 | 96.3 | 96.7 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 32.8 | 77.3 | 83.1 | 88.3 | 92.9 | 93.9 | 95.8 | 96.7 | 97.1 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 500 | 32.8 | 77.3 | 83.1 | 88.4 | 92.9 | 94.0 | 96.0 | 96.8 | 97.3 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 400 | 32.8 | 77.5 | 83.3 | 88.6 | 93.2 | 94.2 | 96.3 | 97.2 | 97.7 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 32.8 | 77.5 | 83.4 | 88.6 | 93.2 | 94.3 | 96.5 | 97.4 | 97.9 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 32.8 | 77.5 | 83.4 | 88.6 | 93.3 | 94.4 | 96.5 | 97.5 | 98.1 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 32.8 | 77.5 | 83.4 | 88.6 | 93.3 | 94.4 | 96.5 | 97.5 | 98.1 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| 0 | 32.8 | 77.5 | 83.4 | 88.6 | 93.3 | 94.4 | 96.5 | 97.5 | 98.1 | 99.3 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2396

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.1 | 50.2 | 54.3 | 57.8 | 60.6 | 61.1 | 62.0 | 62.3 | 62.3 | 62.8 | 62.9 | 63.0 | 63.0 | 63.0 | 63.2 | 63.3 |
| ≥ 20000 | 22.5 | 53.8 | 58.0 | 61.8 | 64.8 | 65.4 | 66.6 | 66.9 | 66.9 | 67.3 | 67.5 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 |
| ≥ 18000 | 22.5 | 53.9 | 58.2 | 62.0 | 65.0 | 65.6 | 66.7 | 67.1 | 67.1 | 67.5 | 67.6 | 67.7 | 67.8 | 67.8 | 67.9 | 68.0 |
| ≥ 16000 | 22.5 | 54.0 | 58.4 | 62.3 | 65.4 | 66.0 | 37.1 | 67.5 | 67.5 | 67.9 | 68.1 | 68.1 | 68.2 | 68.2 | 68.3 | 68.4 |
| ≥ 14000 | 22.8 | 55.2 | 59.5 | 63.5 | 66.6 | 67.2 | 68.3 | 68.6 | 68.6 | 69.1 | 69.2 | 69.3 | 69.3 | 69.3 | 69.5 | 69.6 |
| ≥ 12000 | 23.3 | 57.1 | 61.9 | 65.9 | 69.1 | 69.7 | 70.8 | 71.1 | 71.1 | 71.6 | 71.7 | 71.8 | 71.9 | 71.9 | 72.0 | 72.1 |
| ≥ 10000 | 24.0 | 59.5 | 64.5 | 68.9 | 72.2 | 72.9 | 74.0 | 74.3 | 74.3 | 74.8 | 74.9 | 75.0 | 75.0 | 75.0 | 75.2 | 75.3 |
| ≥ 9000 | 24.4 | 60.3 | 65.6 | 70.0 | 73.4 | 74.1 | 75.2 | 75.5 | 75.5 | 76.0 | 76.1 | 76.2 | 76.3 | 76.3 | 76.4 | 76.5 |
| ≥ 8000 | 24.9 | 62.0 | 67.3 | 71.8 | 75.4 | 76.0 | 77.1 | 77.5 | 77.5 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.5 | 78.6 |
| ≥ 7000 | 25.4 | 63.6 | 68.9 | 73.5 | 77.1 | 77.8 | 79.0 | 79.3 | 79.3 | 79.9 | 80.1 | 80.2 | 80.2 | 80.2 | 80.4 | 80.4 |
| ≥ 6000 | 25.4 | 64.1 | 69.4 | 74.2 | 77.8 | 78.6 | 79.7 | 80.1 | 80.1 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 81.1 | 81.2 |
| ≥ 5000 | 25.7 | 65.2 | 70.7 | 75.7 | 79.8 | 80.6 | 81.8 | 82.2 | 82.2 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.2 | 83.3 |
| ≥ 4500 | 25.8 | 65.6 | 71.2 | 76.4 | 80.7 | 81.4 | 82.6 | 83.0 | 83.0 | 83.6 | 83.7 | 83.8 | 83.9 | 83.9 | 84.0 | 84.1 |
| ≥ 4000 | 25.9 | 66.3 | 72.2 | 77.5 | 81.9 | 82.8 | 84.0 | 84.4 | 84.4 | 85.0 | 85.2 | 85.2 | 85.3 | 85.3 | 85.4 | 85.5 |
| ≥ 3500 | 26.0 | 66.8 | 72.7 | 78.0 | 82.6 | 83.4 | 84.7 | 85.0 | 85.0 | 85.7 | 85.8 | 85.9 | 85.9 | 85.9 | 86.1 | 86.2 |
| ≥ 3000 | 26.3 | 67.8 | 73.9 | 79.4 | 84.0 | 84.9 | 86.1 | 86.5 | 86.5 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.7 |
| ≥ 2500 | 26.6 | 68.7 | 75.1 | 80.9 | 85.5 | 86.6 | 87.6 | 88.2 | 88.2 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 | 89.3 | 89.4 |
| ≥ 2000 | 26.9 | 69.3 | 75.9 | 81.7 | 86.5 | 87.6 | 89.0 | 89.4 | 89.4 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.6 | 90.7 |
| ≥ 1800 | 26.9 | 69.4 | 76.0 | 81.9 | 86.7 | 87.9 | 89.3 | 89.7 | 89.7 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 | 90.9 | 91.0 |
| ≥ 1500 | 27.1 | 69.9 | 76.5 | 82.4 | 87.3 | 88.6 | 90.1 | 90.6 | 90.6 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.8 | 91.9 |
| ≥ 1000 | 27.2 | 70.6 | 77.4 | 83.4 | 88.6 | 89.9 | 91.3 | 91.8 | 91.8 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 93.0 | 93.1 |
| ≥ 1000 | 27.3 | 71.1 | 77.9 | 84.1 | 89.8 | 91.3 | 93.4 | 93.9 | 93.9 | 94.9 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.4 |
| ≥ 900 | 27.4 | 71.2 | 78.0 | 84.3 | 90.2 | 91.7 | 93.7 | 94.3 | 94.3 | 95.3 | 95.5 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 800 | 27.4 | 71.4 | 78.4 | 84.8 | 90.7 | 92.3 | 94.5 | 95.0 | 95.0 | 96.1 | 96.2 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 |
| ≥ 700 | 27.4 | 71.4 | 78.6 | 85.1 | 91.0 | 92.6 | 94.8 | 95.3 | 95.4 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.9 | 97.0 |
| ≥ 600 | 27.4 | 71.4 | 78.6 | 85.2 | 91.3 | 93.0 | 95.3 | 95.8 | 95.9 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 500 | 27.4 | 71.4 | 78.7 | 85.2 | 91.5 | 93.2 | 95.5 | 96.0 | 96.1 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 |
| ≥ 400 | 27.4 | 71.6 | 78.9 | 85.4 | 91.6 | 93.4 | 95.8 | 96.5 | 96.7 | 98.2 | 98.3 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 |
| ≥ 300 | 27.4 | 71.6 | 78.9 | 85.4 | 91.6 | 93.5 | 96.0 | 96.8 | 97.1 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 |
| ≥ 200 | 27.4 | 71.6 | 78.9 | 85.4 | 91.7 | 93.6 | 96.1 | 97.1 | 97.3 | 99.0 | 99.5 | 99.6 | 99.6 | 99.6 | 99.8 | 99.9 |
| ≥ 100 | 27.4 | 71.6 | 78.9 | 85.4 | 91.7 | 93.6 | 96.1 | 97.1 | 97.3 | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |
| 0 | 27.4 | 71.6 | 78.9 | 85.4 | 91.7 | 93.6 | 96.1 | 97.1 | 97.3 | 99.0 | 99.5 | 99.6 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2398

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

0000-0200 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.7 | 50.6 | 54.1 | 57.3 | 60.4 | 60.8 | 62.1 | 62.5 | 62.5 | 63.0 | 63.4 | 63.4 | 63.8 | 63.8 | 64.2 | 64.9 |
| ≥ 20000 | 25.2 | 52.6 | 56.2 | 59.7 | 63.1 | 63.4 | 64.7 | 65.2 | 65.2 | 65.7 | 66.1 | 66.1 | 66.4 | 66.5 | 66.9 | 67.6 |
| ≥ 18000 | 25.2 | 52.8 | 56.4 | 59.8 | 63.2 | 63.6 | 64.9 | 65.5 | 65.5 | 66.0 | 66.3 | 66.3 | 66.7 | 66.8 | 67.2 | 67.8 |
| ≥ 16000 | 25.2 | 52.8 | 56.4 | 59.9 | 63.3 | 63.6 | 65.1 | 65.7 | 65.7 | 66.2 | 66.6 | 66.6 | 66.9 | 67.0 | 67.4 | 68.1 |
| ≥ 14000 | 25.2 | 53.0 | 56.8 | 60.2 | 63.7 | 64.1 | 65.5 | 66.1 | 66.1 | 66.6 | 67.0 | 67.0 | 67.4 | 67.4 | 67.9 | 68.5 |
| ≥ 12000 | 25.3 | 53.8 | 57.5 | 61.1 | 64.6 | 65.0 | 66.5 | 67.1 | 67.1 | 67.7 | 68.1 | 68.1 | 68.4 | 68.5 | 68.9 | 69.5 |
| ≥ 10000 | 26.1 | 55.7 | 59.5 | 63.1 | 66.8 | 67.2 | 68.8 | 69.4 | 69.4 | 70.0 | 70.4 | 70.4 | 70.8 | 70.8 | 71.3 | 71.9 |
| ≥ 9000 | 26.7 | 57.0 | 60.9 | 64.5 | 68.3 | 68.7 | 70.3 | 70.9 | 70.9 | 71.5 | 71.9 | 71.9 | 72.3 | 72.3 | 72.8 | 73.4 |
| ≥ 8000 | 27.1 | 59.4 | 63.5 | 67.3 | 71.2 | 71.6 | 73.2 | 73.9 | 73.9 | 74.4 | 74.9 | 74.9 | 75.2 | 75.3 | 75.7 | 76.4 |
| ≥ 7000 | 27.6 | 60.7 | 64.8 | 68.8 | 72.7 | 73.1 | 74.7 | 75.4 | 75.4 | 75.9 | 76.4 | 76.4 | 76.7 | 76.8 | 77.2 | 77.9 |
| ≥ 6000 | 27.9 | 61.7 | 65.8 | 69.8 | 73.7 | 74.2 | 75.8 | 76.4 | 76.4 | 77.0 | 77.5 | 77.5 | 77.9 | 77.9 | 78.4 | 79.0 |
| ≥ 5000 | 28.3 | 63.0 | 67.3 | 71.4 | 75.4 | 75.9 | 77.5 | 78.1 | 78.1 | 78.7 | 79.1 | 79.2 | 79.6 | 79.6 | 80.1 | 80.7 |
| ≥ 4500 | 28.8 | 64.6 | 69.0 | 73.2 | 77.2 | 77.7 | 79.4 | 80.0 | 80.0 | 80.6 | 81.0 | 81.1 | 81.4 | 81.5 | 81.9 | 82.6 |
| ≥ 4000 | 29.0 | 65.6 | 70.1 | 74.4 | 78.5 | 79.0 | 80.9 | 81.6 | 81.6 | 82.2 | 82.6 | 82.7 | 83.0 | 83.1 | 83.5 | 84.2 |
| ≥ 3500 | 29.0 | 66.4 | 71.0 | 75.5 | 79.6 | 80.2 | 82.1 | 82.8 | 82.8 | 83.3 | 83.8 | 83.8 | 84.2 | 84.3 | 84.7 | 85.4 |
| ≥ 3000 | 29.2 | 67.2 | 71.8 | 76.4 | 81.0 | 81.5 | 83.4 | 84.1 | 84.1 | 84.7 | 85.2 | 85.2 | 85.6 | 85.6 | 86.1 | 86.7 |
| ≥ 2500 | 29.3 | 67.9 | 72.5 | 77.3 | 81.9 | 82.5 | 84.3 | 85.1 | 85.1 | 85.7 | 86.1 | 86.2 | 86.5 | 86.6 | 87.0 | 87.7 |
| ≥ 2000 | 29.3 | 68.6 | 73.4 | 78.2 | 82.9 | 83.7 | 85.7 | 86.4 | 86.4 | 87.0 | 87.5 | 87.5 | 87.9 | 87.9 | 88.4 | 89.0 |
| ≥ 1800 | 29.3 | 68.7 | 73.5 | 78.4 | 83.3 | 83.9 | 85.8 | 86.6 | 86.6 | 87.2 | 87.6 | 87.7 | 88.0 | 88.1 | 88.5 | 89.2 |
| ≥ 1500 | 29.4 | 69.0 | 74.0 | 78.9 | 83.8 | 84.4 | 86.5 | 87.2 | 87.2 | 87.8 | 88.3 | 88.3 | 88.7 | 88.7 | 89.2 | 89.9 |
| ≥ 1200 | 29.4 | 69.7 | 74.8 | 79.9 | 85.0 | 85.6 | 88.0 | 89.1 | 89.1 | 89.7 | 90.2 | 90.2 | 90.6 | 90.6 | 91.1 | 91.8 |
| ≥ 1000 | 29.5 | 69.9 | 75.0 | 80.2 | 85.4 | 86.0 | 88.6 | 89.9 | 89.9 | 90.4 | 90.9 | 90.9 | 91.3 | 91.4 | 91.9 | 92.5 |
| ≥ 900 | 29.5 | 70.0 | 75.2 | 80.4 | 85.7 | 86.2 | 88.9 | 90.2 | 90.2 | 90.8 | 91.2 | 91.3 | 91.6 | 91.7 | 92.2 | 92.9 |
| ≥ 800 | 29.5 | 70.3 | 75.6 | 80.9 | 86.2 | 86.9 | 89.7 | 91.1 | 91.1 | 91.9 | 92.3 | 92.4 | 92.8 | 92.8 | 93.4 | 94.1 |
| ≥ 700 | 29.6 | 70.5 | 75.8 | 81.2 | 86.5 | 87.3 | 90.2 | 91.6 | 91.6 | 92.4 | 92.9 | 92.9 | 93.4 | 93.4 | 94.0 | 94.7 |
| ≥ 600 | 29.6 | 70.5 | 75.9 | 81.4 | 86.9 | 87.6 | 90.6 | 92.1 | 92.1 | 92.9 | 93.4 | 93.4 | 93.9 | 93.9 | 94.5 | 95.2 |
| ≥ 500 | 29.6 | 70.6 | 76.0 | 81.6 | 87.2 | 88.0 | 91.1 | 92.6 | 92.6 | 93.5 | 93.9 | 94.0 | 94.6 | 94.6 | 95.2 | 95.9 |
| ≥ 400 | 29.6 | 70.6 | 76.2 | 81.7 | 87.5 | 88.3 | 91.4 | 92.9 | 93.0 | 93.9 | 94.4 | 94.5 | 95.1 | 95.1 | 95.7 | 96.4 |
| ≥ 300 | 29.6 | 70.7 | 76.2 | 81.8 | 87.8 | 88.6 | 91.9 | 93.4 | 93.5 | 94.6 | 95.2 | 95.3 | 95.9 | 95.9 | 96.6 | 97.3 |
| ≥ 200 | 29.6 | 70.7 | 76.3 | 81.9 | 87.9 | 88.8 | 92.2 | 93.8 | 93.9 | 95.1 | 95.8 | 95.9 | 96.5 | 96.6 | 97.2 | 98.0 |
| ≥ 100 | 29.6 | 70.7 | 76.3 | 81.9 | 87.9 | 88.8 | 92.2 | 93.9 | 94.0 | 95.2 | 95.9 | 96.1 | 96.9 | 97.2 | 98.0 | 98.9 |
| ≥ 0 | 29.6 | 70.7 | 76.3 | 81.9 | 87.9 | 88.8 | 92.2 | 93.9 | 94.0 | 95.2 | 95.9 | 96.1 | 97.0 | 97.3 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45, 50-72 (YEARS) OCT (MONTH)

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

0300-0500 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.5 | 44.8 | 48.8 | 51.7 | 56.2 | 56.7 | 58.2 | 59.0 | 59.2 | 59.8 | 60.2 | 60.4 | 61.0 | 61.1 | 61.7 | 62.9 |
| ≥ 20000 | 21.9 | 46.0 | 50.0 | 53.2 | 57.9 | 58.4 | 59.9 | 60.9 | 61.1 | 61.7 | 62.1 | 62.3 | 62.9 | 63.1 | 63.7 | 64.9 |
| ≥ 18000 | 21.9 | 46.0 | 50.1 | 53.2 | 58.0 | 58.4 | 60.0 | 61.0 | 61.2 | 61.8 | 62.2 | 62.4 | 63.0 | 63.2 | 63.8 | 65.0 |
| ≥ 16000 | 22.0 | 46.1 | 50.1 | 53.3 | 58.2 | 58.6 | 60.1 | 61.1 | 61.3 | 61.9 | 62.3 | 62.5 | 63.1 | 63.3 | 63.9 | 65.1 |
| ≥ 14000 | 22.1 | 46.3 | 50.4 | 53.7 | 58.6 | 59.0 | 60.7 | 61.7 | 61.9 | 62.6 | 63.0 | 63.2 | 63.8 | 64.0 | 64.5 | 65.8 |
| ≥ 12000 | 22.4 | 47.4 | 51.4 | 54.8 | 59.8 | 60.2 | 61.9 | 63.0 | 63.1 | 63.8 | 64.3 | 64.5 | 65.1 | 65.3 | 65.8 | 67.0 |
| ≥ 10000 | 23.2 | 49.0 | 53.1 | 56.7 | 61.9 | 62.3 | 64.0 | 65.1 | 65.3 | 66.0 | 66.5 | 66.7 | 67.3 | 67.5 | 68.0 | 69.2 |
| ≥ 9000 | 23.4 | 49.6 | 53.8 | 57.5 | 62.6 | 63.1 | 64.8 | 65.9 | 66.1 | 66.8 | 67.3 | 67.5 | 68.1 | 68.2 | 68.8 | 70.0 |
| ≥ 8000 | 24.2 | 51.8 | 56.2 | 60.2 | 65.4 | 65.9 | 67.7 | 68.9 | 69.0 | 69.7 | 70.2 | 70.4 | 71.0 | 71.2 | 71.8 | 73.0 |
| ≥ 7000 | 24.6 | 53.2 | 57.7 | 61.9 | 67.1 | 67.6 | 69.4 | 70.6 | 70.7 | 71.4 | 71.9 | 72.1 | 72.7 | 72.9 | 73.5 | 74.7 |
| ≥ 6000 | 24.9 | 53.8 | 58.5 | 62.8 | 68.0 | 68.6 | 70.5 | 71.6 | 71.8 | 72.5 | 73.0 | 73.2 | 73.8 | 74.0 | 74.6 | 75.8 |
| ≥ 5000 | 25.3 | 55.4 | 60.1 | 64.7 | 70.1 | 70.7 | 72.6 | 73.8 | 73.9 | 74.6 | 75.1 | 75.3 | 75.9 | 76.1 | 76.7 | 77.9 |
| ≥ 4500 | 25.7 | 56.4 | 61.2 | 66.0 | 71.3 | 71.9 | 73.9 | 75.0 | 75.2 | 75.9 | 76.4 | 76.5 | 77.2 | 77.3 | 77.9 | 79.1 |
| ≥ 4000 | 25.9 | 57.3 | 62.3 | 67.2 | 72.6 | 73.3 | 75.3 | 76.5 | 76.6 | 77.3 | 77.8 | 78.0 | 78.6 | 78.8 | 79.4 | 80.6 |
| ≥ 3500 | 26.2 | 58.3 | 63.4 | 68.3 | 73.8 | 74.5 | 76.5 | 77.7 | 77.9 | 78.6 | 79.1 | 79.2 | 79.9 | 80.0 | 80.6 | 81.8 |
| ≥ 3000 | 26.2 | 59.4 | 64.7 | 69.8 | 75.6 | 76.3 | 78.3 | 79.5 | 79.7 | 80.4 | 80.9 | 81.1 | 81.7 | 81.9 | 82.4 | 83.6 |
| ≥ 2500 | 26.7 | 60.1 | 65.6 | 70.9 | 76.7 | 77.4 | 79.5 | 80.7 | 80.9 | 81.6 | 82.1 | 82.2 | 82.9 | 83.0 | 83.6 | 84.8 |
| ≥ 2000 | 26.8 | 60.9 | 66.5 | 71.9 | 78.1 | 78.9 | 81.1 | 82.4 | 82.5 | 83.2 | 83.7 | 83.9 | 84.5 | 84.7 | 85.3 | 86.5 |
| ≥ 1800 | 26.9 | 61.0 | 66.6 | 72.1 | 78.3 | 79.0 | 81.3 | 82.5 | 82.7 | 83.4 | 83.9 | 84.1 | 84.7 | 84.8 | 85.4 | 86.6 |
| ≥ 1500 | 26.9 | 61.4 | 67.1 | 72.6 | 79.0 | 79.7 | 82.1 | 83.4 | 83.5 | 84.2 | 84.7 | 84.9 | 85.5 | 85.7 | 86.3 | 87.5 |
| ≥ 1200 | 26.9 | 61.8 | 67.6 | 73.1 | 79.7 | 80.4 | 82.9 | 84.3 | 84.5 | 85.2 | 85.7 | 85.8 | 86.5 | 86.6 | 87.3 | 88.5 |
| ≥ 1000 | 26.9 | 62.1 | 68.1 | 73.7 | 80.7 | 81.6 | 84.2 | 85.9 | 86.1 | 86.8 | 87.3 | 87.5 | 88.1 | 88.3 | 88.9 | 90.1 |
| ≥ 900 | 26.9 | 62.4 | 68.5 | 74.1 | 81.2 | 82.1 | 84.8 | 86.6 | 86.8 | 87.5 | 88.0 | 88.2 | 88.9 | 89.0 | 89.7 | 90.9 |
| ≥ 800 | 26.9 | 62.8 | 68.8 | 74.6 | 81.9 | 82.8 | 85.6 | 87.7 | 87.9 | 88.8 | 89.4 | 89.5 | 90.2 | 90.5 | 91.1 | 92.3 |
| ≥ 700 | 26.9 | 62.8 | 68.9 | 74.7 | 82.2 | 83.1 | 86.1 | 88.3 | 88.5 | 89.5 | 90.0 | 90.2 | 90.9 | 91.1 | 91.8 | 93.0 |
| ≥ 600 | 26.9 | 62.8 | 69.1 | 74.9 | 82.4 | 83.4 | 86.4 | 88.7 | 88.8 | 89.9 | 90.5 | 90.7 | 91.3 | 91.6 | 92.2 | 93.4 |
| ≥ 500 | 26.9 | 62.9 | 69.3 | 75.3 | 82.9 | 84.0 | 87.3 | 89.5 | 89.7 | 91.0 | 91.6 | 91.8 | 92.4 | 92.7 | 93.4 | 94.6 |
| ≥ 400 | 26.9 | 62.9 | 69.4 | 75.4 | 83.1 | 84.3 | 87.7 | 90.0 | 90.4 | 91.6 | 92.3 | 92.4 | 93.1 | 93.4 | 94.1 | 95.3 |
| ≥ 300 | 26.9 | 62.9 | 69.4 | 75.4 | 83.4 | 84.6 | 88.1 | 90.7 | 91.0 | 92.3 | 93.0 | 93.2 | 93.9 | 94.2 | 95.0 | 96.2 |
| ≥ 200 | 26.9 | 63.0 | 69.5 | 75.6 | 83.5 | 84.8 | 88.3 | 91.2 | 91.6 | 93.2 | 93.9 | 94.1 | 94.9 | 95.1 | 96.0 | 97.3 |
| ≥ 100 | 26.9 | 63.0 | 69.5 | 75.6 | 83.5 | 84.8 | 88.3 | 91.2 | 91.6 | 93.2 | 94.1 | 94.4 | 95.4 | 95.8 | 96.7 | 98.5 |
| ≥ 0 | 26.9 | 63.0 | 69.5 | 75.6 | 83.5 | 84.8 | 88.3 | 91.2 | 91.6 | 93.2 | 94.1 | 94.4 | 95.4 | 95.8 | 96.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2409

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 17.8 | 36.5 | 40.8 | 44.6 | 47.4 | 48.6 | 50.0 | 51.6 | 51.9 | 52.9 | 53.4 | 53.6 | 54.1 | 54.2 | 54.6 | 55.7 |
| ≥ 20000 | 18.4 | 38.6 | 43.3 | 47.5 | 50.7 | 52.1 | 53.6 | 55.2 | 55.5 | 56.6 | 57.2 | 57.3 | 57.9 | 58.0 | 58.4 | 59.7 |
| ≥ 18000 | 18.4 | 38.6 | 43.3 | 47.5 | 50.8 | 52.1 | 53.6 | 55.2 | 55.6 | 56.6 | 57.2 | 57.3 | 57.9 | 58.0 | 58.4 | 59.7 |
| ≥ 16000 | 18.4 | 38.8 | 43.6 | 47.8 | 51.1 | 52.4 | 53.9 | 55.5 | 55.9 | 56.9 | 57.5 | 57.6 | 58.2 | 58.3 | 58.7 | 60.0 |
| ≥ 14000 | 18.4 | 39.1 | 44.0 | 48.2 | 51.6 | 52.9 | 54.4 | 56.0 | 56.4 | 57.5 | 58.0 | 58.2 | 58.7 | 58.9 | 59.2 | 60.6 |
| ≥ 12000 | 18.7 | 40.0 | 45.2 | 49.7 | 53.3 | 54.6 | 56.1 | 58.0 | 58.4 | 59.4 | 60.0 | 60.1 | 60.7 | 60.8 | 61.2 | 62.6 |
| ≥ 10000 | 19.4 | 41.9 | 47.2 | 51.8 | 55.6 | 57.0 | 58.7 | 60.7 | 61.1 | 62.2 | 62.7 | 62.9 | 63.5 | 63.6 | 64.1 | 65.5 |
| ≥ 9000 | 19.8 | 43.0 | 48.4 | 52.9 | 56.8 | 58.2 | 60.0 | 62.0 | 62.4 | 63.4 | 64.0 | 64.2 | 64.8 | 65.0 | 65.4 | 66.8 |
| ≥ 8000 | 20.4 | 45.0 | 50.5 | 55.3 | 59.2 | 60.7 | 62.6 | 64.6 | 65.0 | 66.1 | 66.8 | 66.9 | 67.6 | 67.8 | 68.3 | 69.6 |
| ≥ 7000 | 20.6 | 45.8 | 51.6 | 56.6 | 60.6 | 62.2 | 64.1 | 66.2 | 66.6 | 67.7 | 68.3 | 68.5 | 69.2 | 69.4 | 69.9 | 71.3 |
| ≥ 6000 | 21.2 | 46.7 | 52.6 | 57.7 | 61.8 | 63.4 | 65.4 | 67.6 | 68.0 | 69.1 | 69.7 | 69.9 | 70.6 | 70.8 | 71.3 | 72.7 |
| ≥ 5000 | 21.9 | 48.4 | 54.5 | 59.9 | 64.1 | 65.7 | 67.8 | 70.0 | 70.3 | 71.5 | 72.1 | 72.3 | 73.0 | 73.2 | 73.7 | 75.1 |
| ≥ 4500 | 22.3 | 49.4 | 55.6 | 61.0 | 65.3 | 66.9 | 69.0 | 71.2 | 71.6 | 72.7 | 73.4 | 73.5 | 74.2 | 74.4 | 74.9 | 76.4 |
| ≥ 4000 | 22.7 | 50.5 | 56.9 | 62.4 | 66.8 | 68.5 | 70.5 | 72.7 | 73.1 | 74.3 | 74.9 | 75.1 | 75.8 | 76.0 | 76.5 | 77.9 |
| ≥ 3500 | 23.2 | 51.6 | 58.1 | 63.8 | 68.3 | 69.9 | 72.2 | 74.4 | 74.8 | 76.0 | 76.6 | 76.8 | 77.5 | 77.6 | 78.1 | 79.6 |
| ≥ 3000 | 23.4 | 52.6 | 59.3 | 65.1 | 69.8 | 71.6 | 74.0 | 76.2 | 76.6 | 77.8 | 78.5 | 78.6 | 79.5 | 79.6 | 80.2 | 81.7 |
| ≥ 2500 | 23.7 | 53.4 | 60.5 | 66.5 | 71.3 | 73.2 | 75.5 | 77.9 | 78.2 | 79.5 | 80.1 | 80.3 | 81.1 | 81.3 | 81.8 | 83.4 |
| ≥ 2000 | 24.1 | 54.3 | 61.7 | 68.0 | 73.0 | 74.9 | 77.6 | 80.0 | 80.3 | 81.6 | 82.3 | 82.4 | 83.3 | 83.4 | 84.0 | 85.5 |
| ≥ 1800 | 24.1 | 54.6 | 61.9 | 68.3 | 73.4 | 75.3 | 77.9 | 80.4 | 80.8 | 82.0 | 82.7 | 82.8 | 83.7 | 83.8 | 84.4 | 85.9 |
| ≥ 1500 | 24.1 | 55.0 | 62.6 | 69.1 | 74.4 | 76.3 | 79.1 | 81.7 | 82.1 | 83.4 | 84.0 | 84.3 | 85.1 | 85.3 | 85.8 | 87.3 |
| ≥ 1200 | 24.1 | 55.2 | 62.9 | 69.8 | 75.3 | 77.4 | 80.3 | 82.9 | 83.3 | 84.7 | 85.4 | 85.6 | 86.4 | 86.6 | 87.1 | 88.7 |
| ≥ 1000 | 24.3 | 55.4 | 63.2 | 70.1 | 76.2 | 78.4 | 81.6 | 84.4 | 84.8 | 86.2 | 87.0 | 87.2 | 88.0 | 88.2 | 88.7 | 90.3 |
| ≥ 900 | 24.3 | 55.7 | 63.5 | 70.4 | 76.5 | 78.7 | 82.0 | 84.8 | 85.3 | 86.7 | 87.5 | 87.7 | 88.5 | 88.7 | 89.2 | 90.8 |
| ≥ 800 | 24.3 | 55.9 | 63.8 | 70.7 | 77.0 | 79.4 | 82.7 | 85.7 | 86.2 | 87.7 | 88.7 | 88.9 | 89.7 | 89.9 | 90.5 | 92.0 |
| ≥ 700 | 24.3 | 55.9 | 63.9 | 71.0 | 77.4 | 79.8 | 83.2 | 86.3 | 86.8 | 88.4 | 89.3 | 89.5 | 90.4 | 90.6 | 91.2 | 92.7 |
| ≥ 600 | 24.3 | 56.0 | 64.1 | 71.3 | 78.0 | 80.4 | 84.0 | 87.2 | 87.8 | 89.5 | 90.4 | 90.7 | 91.6 | 91.8 | 92.4 | 93.9 |
| ≥ 500 | 24.3 | 56.1 | 64.3 | 71.6 | 78.5 | 81.0 | 84.8 | 88.2 | 88.7 | 90.6 | 91.6 | 91.8 | 92.7 | 92.9 | 93.6 | 95.1 |
| ≥ 400 | 24.3 | 56.1 | 64.4 | 71.7 | 78.7 | 81.3 | 85.0 | 88.6 | 89.2 | 91.1 | 92.1 | 92.3 | 93.4 | 93.6 | 94.2 | 95.8 |
| ≥ 300 | 24.3 | 56.1 | 64.4 | 71.7 | 78.7 | 81.4 | 85.3 | 88.9 | 89.6 | 91.8 | 93.1 | 93.4 | 94.5 | 94.7 | 95.3 | 96.9 |
| ≥ 200 | 24.3 | 56.1 | 64.4 | 71.7 | 78.8 | 81.3 | 85.3 | 89.1 | 89.8 | 92.0 | 93.4 | 93.8 | 95.0 | 95.2 | 96.0 | 97.7 |
| ≥ 100 | 24.3 | 56.1 | 64.4 | 71.7 | 78.8 | 81.5 | 85.3 | 89.1 | 89.8 | 92.0 | 93.5 | 94.0 | 95.2 | 95.5 | 96.4 | 99.2 |
| 0 | 24.3 | 56.1 | 64.4 | 71.7 | 78.8 | 81.5 | 85.3 | 89.1 | 89.8 | 92.0 | 93.5 | 94.0 | 95.3 | 95.5 | 96.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2407

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

0900-2100 (HOURS (E S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.5 | 47.2 | 49.7 | 51.7 | 53.4 | 53.6 | 54.2 | 54.5 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 27.1 | 51.5 | 54.3 | 56.5 | 58.4 | 58.6 | 59.3 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 18000 | 27.1 | 51.7 | 54.5 | 56.8 | 58.7 | 58.9 | 59.6 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 16000 | 27.2 | 52.1 | 54.9 | 57.1 | 59.1 | 59.4 | 60.0 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 14000 | 27.6 | 53.0 | 55.9 | 58.2 | 60.1 | 60.4 | 61.1 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 12000 | 28.1 | 54.4 | 57.4 | 60.2 | 62.1 | 62.5 | 63.1 | 63.5 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 10000 | 29.1 | 57.0 | 60.2 | 63.3 | 65.6 | 66.0 | 66.6 | 67.1 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 9000 | 29.6 | 58.2 | 61.5 | 64.7 | 67.0 | 67.3 | 68.0 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 8000 | 30.2 | 59.6 | 63.1 | 66.4 | 68.9 | 69.2 | 70.0 | 70.5 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.8 |
| ≥ 7000 | 30.4 | 60.8 | 64.5 | 67.9 | 70.5 | 70.9 | 71.7 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 |
| ≥ 6000 | 30.7 | 61.7 | 65.5 | 69.0 | 71.6 | 71.9 | 72.8 | 73.3 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 |
| ≥ 5000 | 31.3 | 63.1 | 67.1 | 70.7 | 73.4 | 73.8 | 74.7 | 75.2 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 |
| ≥ 4500 | 31.6 | 64.0 | 68.1 | 71.7 | 74.4 | 74.8 | 75.7 | 76.3 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4000 | 32.5 | 65.7 | 70.0 | 73.7 | 76.5 | 76.8 | 77.8 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 |
| ≥ 3500 | 33.3 | 67.2 | 71.6 | 75.6 | 78.5 | 78.8 | 79.8 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 3000 | 33.7 | 68.4 | 72.9 | 77.1 | 80.3 | 80.8 | 81.8 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 |
| ≥ 2500 | 34.2 | 69.5 | 74.3 | 78.6 | 82.0 | 82.6 | 83.6 | 84.2 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.6 |
| ≥ 2000 | 34.6 | 70.7 | 75.7 | 80.0 | 83.8 | 84.4 | 85.5 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1800 | 34.8 | 71.1 | 76.1 | 80.5 | 84.2 | 84.8 | 85.9 | 86.5 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 1500 | 34.9 | 71.7 | 76.9 | 81.5 | 85.5 | 86.2 | 87.3 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1200 | 35.2 | 72.7 | 78.3 | 83.0 | 87.3 | 88.1 | 89.2 | 89.9 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 1000 | 35.2 | 73.2 | 78.9 | 83.8 | 88.2 | 89.0 | 90.3 | 91.1 | 91.3 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 900 | 35.2 | 73.4 | 79.2 | 84.3 | 88.7 | 89.6 | 91.0 | 91.8 | 92.0 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 800 | 35.3 | 73.6 | 79.5 | 84.7 | 89.7 | 90.9 | 92.3 | 93.2 | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 700 | 35.3 | 73.7 | 79.8 | 85.3 | 90.4 | 91.6 | 93.1 | 94.1 | 94.3 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 |
| ≥ 600 | 35.3 | 73.9 | 80.1 | 85.7 | 90.9 | 92.2 | 93.8 | 95.0 | 95.2 | 95.7 | 95.8 | 95.6 | 95.9 | 95.9 | 95.9 | 96.0 |
| ≥ 500 | 35.3 | 74.1 | 80.4 | 86.2 | 91.6 | 93.0 | 94.6 | 96.0 | 96.3 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 400 | 35.3 | 74.2 | 80.5 | 86.4 | 92.0 | 93.5 | 95.2 | 96.7 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 | 98.2 | 98.3 |
| ≥ 300 | 35.3 | 74.2 | 80.5 | 86.5 | 92.2 | 93.8 | 95.6 | 97.3 | 98.0 | 98.6 | 98.9 | 98.9 | 99.1 | 99.2 | 99.2 | 99.3 |
| ≥ 200 | 35.3 | 74.2 | 80.5 | 86.5 | 92.2 | 93.8 | 95.7 | 97.4 | 98.1 | 98.8 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.6 |
| ≥ 100 | 35.3 | 74.2 | 80.5 | 86.5 | 92.2 | 93.8 | 95.7 | 97.4 | 98.1 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 99.9 |
| ≥ 0 | 35.3 | 74.2 | 80.5 | 86.5 | 92.2 | 93.8 | 95.7 | 97.4 | 98.1 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 32.4 | 51.2 | 53.0 | 53.8 | 54.4 | 54.4 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 |
| ≥ 20000 | 35.4 | 56.2 | 58.1 | 59.2 | 59.9 | 60.0 | 60.3 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.6 |
| ≥ 18000 | 35.5 | 56.6 | 58.4 | 59.6 | 60.3 | 60.3 | 60.7 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 16000 | 35.7 | 57.2 | 59.1 | 60.2 | 60.9 | 61.0 | 61.4 | 61.5 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 | 61.6 |
| ≥ 14000 | 36.0 | 58.0 | 59.9 | 61.1 | 61.9 | 62.0 | 62.3 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 |
| ≥ 12000 | 36.7 | 59.5 | 61.5 | 62.9 | 63.6 | 63.7 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 10000 | 37.9 | 62.6 | 64.5 | 66.1 | 66.9 | 67.0 | 67.3 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 9000 | 38.4 | 63.6 | 65.6 | 67.1 | 67.9 | 68.0 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 |
| ≥ 8000 | 38.8 | 65.0 | 67.1 | 68.7 | 69.7 | 69.8 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 |
| ≥ 7000 | 39.3 | 66.3 | 68.5 | 70.2 | 71.3 | 71.4 | 71.7 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 6000 | 39.7 | 67.4 | 69.7 | 71.4 | 72.5 | 72.6 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 |
| ≥ 5000 | 40.2 | 69.0 | 71.4 | 73.3 | 74.4 | 74.5 | 74.9 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 4500 | 41.0 | 70.4 | 72.8 | 74.8 | 75.9 | 76.0 | 76.5 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 4000 | 41.7 | 72.3 | 74.8 | 76.8 | 77.9 | 78.1 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 |
| ≥ 3500 | 43.0 | 74.9 | 77.6 | 79.7 | 81.0 | 81.1 | 81.5 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 3000 | 44.4 | 77.3 | 80.3 | 82.7 | 84.1 | 84.2 | 84.7 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 |
| ≥ 2500 | 45.4 | 79.1 | 82.3 | 84.7 | 86.3 | 86.5 | 87.0 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 2000 | 45.8 | 81.0 | 84.7 | 87.4 | 89.2 | 89.4 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1800 | 46.0 | 81.4 | 85.1 | 87.9 | 89.8 | 90.0 | 90.5 | 90.7 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 |
| ≥ 1500 | 46.2 | 82.0 | 86.0 | 89.1 | 91.2 | 91.5 | 92.0 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 |
| ≥ 1200 | 46.3 | 82.5 | 86.8 | 90.0 | 92.2 | 92.6 | 93.1 | 93.5 | 93.6 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1000 | 46.3 | 82.8 | 87.2 | 90.5 | 93.0 | 93.4 | 94.1 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 |
| ≥ 900 | 46.4 | 83.0 | 87.4 | 90.9 | 93.6 | 94.1 | 94.7 | 95.1 | 95.2 | 95.3 | 95.3 | 95.4 | 95.5 | 95.6 | 95.6 | 95.6 |
| ≥ 800 | 46.4 | 83.1 | 87.6 | 91.1 | 94.0 | 94.6 | 95.5 | 96.0 | 96.2 | 96.3 | 96.3 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 46.4 | 83.2 | 87.7 | 91.4 | 94.3 | 95.0 | 95.9 | 96.5 | 96.6 | 96.8 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 |
| ≥ 600 | 46.4 | 83.3 | 87.9 | 91.6 | 94.8 | 95.5 | 96.6 | 97.3 | 97.5 | 97.8 | 97.8 | 97.9 | 98.1 | 98.2 | 98.2 | 98.2 |
| ≥ 500 | 46.4 | 83.3 | 87.9 | 91.7 | 95.2 | 96.0 | 7.2 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 46.4 | 83.3 | 87.9 | 91.7 | 95.3 | 96.1 | 97.4 | 98.3 | 98.6 | 99.2 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 46.4 | 83.3 | 87.9 | 91.7 | 95.3 | 96.1 | 97.5 | 98.5 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 46.4 | 83.3 | 87.9 | 91.7 | 95.3 | 96.1 | 97.5 | 98.5 | 98.9 | 99.5 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 46.4 | 83.3 | 87.9 | 91.7 | 95.3 | 96.1 | 97.5 | 98.5 | 98.9 | 99.5 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 46.4 | 83.3 | 87.9 | 91.7 | 95.3 | 96.1 | 97.5 | 98.5 | 98.9 | 99.5 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2406

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.4 | 51.9 | 53.7 | 55.0 | 55.7 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 20000 | 36.2 | 57.8 | 60.0 | 61.5 | 62.2 | 62.3 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 18000 | 36.2 | 58.1 | 60.3 | 61.8 | 62.5 | 62.6 | 62.9 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 16000 | 36.4 | 58.6 | 60.8 | 62.3 | 63.0 | 63.1 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 |
| ≥ 14000 | 36.6 | 59.6 | 61.9 | 63.6 | 64.3 | 64.4 | 64.7 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 12000 | 37.3 | 61.7 | 64.0 | 65.8 | 66.5 | 66.6 | 66.9 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 10000 | 38.5 | 64.5 | 66.9 | 68.7 | 69.5 | 69.6 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 9000 | 38.7 | 65.2 | 67.8 | 69.7 | 70.5 | 70.6 | 70.9 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 8000 | 40.0 | 68.0 | 70.7 | 72.6 | 73.6 | 73.7 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 7000 | 40.5 | 69.7 | 72.7 | 74.6 | 75.6 | 75.7 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 6000 | 40.7 | 70.8 | 73.9 | 75.8 | 77.0 | 77.2 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 5000 | 41.8 | 72.7 | 75.9 | 78.0 | 79.2 | 79.4 | 79.7 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 4500 | 42.3 | 73.7 | 76.9 | 79.2 | 80.3 | 80.5 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 4000 | 42.7 | 75.0 | 78.4 | 80.6 | 81.9 | 82.1 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 3500 | 43.0 | 76.2 | 79.9 | 82.4 | 83.7 | 83.9 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 3000 | 43.9 | 77.9 | 81.9 | 84.4 | 85.9 | 86.1 | 86.6 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 2500 | 44.5 | 79.1 | 83.1 | 86.0 | 87.6 | 87.9 | 88.3 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 2000 | 45.0 | 80.5 | 84.6 | 87.7 | 89.4 | 89.9 | 90.4 | 90.7 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 1800 | 45.0 | 80.8 | 84.9 | 88.2 | 90.1 | 90.6 | 91.1 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 1500 | 45.1 | 81.1 | 85.5 | 88.9 | 91.0 | 91.6 | 92.0 | 92.3 | 92.4 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1200 | 45.3 | 81.4 | 86.0 | 89.6 | 92.0 | 92.6 | 93.1 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1000 | 45.4 | 82.1 | 86.9 | 90.6 | 93.2 | 93.8 | 94.5 | 94.8 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 900 | 45.4 | 82.4 | 87.3 | 90.9 | 93.7 | 94.4 | 95.1 | 95.4 | 95.6 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 800 | 45.4 | 82.5 | 87.5 | 91.2 | 94.1 | 95.0 | 95.7 | 96.1 | 96.3 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 700 | 45.4 | 82.6 | 87.6 | 91.4 | 94.3 | 95.3 | 96.0 | 96.4 | 96.6 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 600 | 45.4 | 82.6 | 87.6 | 91.6 | 94.5 | 95.6 | 96.4 | 96.9 | 97.1 | 97.4 | 97.4 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 45.4 | 82.7 | 87.8 | 91.9 | 95.0 | 96.2 | 97.1 | 97.7 | 97.9 | 98.2 | 98.2 | 98.2 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 45.4 | 82.7 | 87.8 | 91.9 | 95.1 | 96.5 | 97.5 | 98.2 | 98.5 | 98.8 | 98.8 | 98.8 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 300 | 45.4 | 82.8 | 87.8 | 92.1 | 95.2 | 96.6 | 97.7 | 98.5 | 98.9 | 99.2 | 99.3 | 99.3 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 45.4 | 82.8 | 87.8 | 92.1 | 95.3 | 96.7 | 97.8 | 98.5 | 98.9 | 99.3 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 45.4 | 82.8 | 87.8 | 92.1 | 95.3 | 96.7 | 97.8 | 98.5 | 98.9 | 99.3 | 99.4 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 |
| 0 | 45.4 | 82.8 | 87.8 | 92.1 | 95.3 | 96.7 | 97.8 | 98.5 | 98.9 | 99.3 | 99.4 | 99.4 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2403

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | 28.7 | 53.3 | 56.4 | 58.6 | 59.8 | 60.3 | 60.9 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.4 | 61.5 |
| ≥ 20000 | 29.6 | 55.9 | 59.3 | 61.6 | 62.9 | 63.4 | 64.2 | 64.4 | 64.4 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 |
| ≥ 18000 | 29.7 | 56.2 | 59.5 | 62.0 | 63.2 | 63.7 | 64.5 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 65.0 | 65.1 |
| ≥ 16000 | 29.7 | 56.3 | 59.7 | 62.1 | 63.3 | 63.9 | 64.6 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.2 |
| ≥ 14000 | 30.0 | 57.1 | 60.5 | 62.9 | 64.3 | 64.8 | 65.6 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.2 |
| ≥ 12000 | 30.6 | 58.6 | 62.0 | 64.7 | 66.1 | 66.6 | 67.4 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 68.0 | 68.1 |
| ≥ 10000 | 31.8 | 61.2 | 64.9 | 67.7 | 69.2 | 69.7 | 70.6 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.3 |
| ≥ 9000 | 32.1 | 62.0 | 65.9 | 68.8 | 70.2 | 70.8 | 71.6 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.2 | 72.3 |
| ≥ 8000 | 33.0 | 63.9 | 67.9 | 70.8 | 72.3 | 72.9 | 73.8 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.4 | 74.5 |
| ≥ 7000 | 33.6 | 65.7 | 70.0 | 73.1 | 74.7 | 75.3 | 76.2 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 |
| ≥ 6000 | 34.2 | 66.8 | 71.4 | 74.6 | 76.3 | 76.8 | 77.8 | 78.1 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.5 |
| ≥ 5000 | 34.9 | 68.6 | 73.4 | 76.6 | 78.4 | 79.0 | 80.0 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.7 |
| ≥ 4500 | 35.2 | 69.6 | 74.5 | 77.8 | 79.7 | 80.2 | 81.2 | 81.6 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 82.0 |
| ≥ 4000 | 35.8 | 71.4 | 76.5 | 79.9 | 81.9 | 82.4 | 83.5 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.2 |
| ≥ 3500 | 36.1 | 72.3 | 77.6 | 81.2 | 83.3 | 83.8 | 84.9 | 85.3 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.7 |
| ≥ 3000 | 36.4 | 73.1 | 78.8 | 82.5 | 84.7 | 85.3 | 86.4 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.2 |
| ≥ 2500 | 36.7 | 74.1 | 80.0 | 83.8 | 86.2 | 86.8 | 88.0 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.8 |
| ≥ 2000 | 37.2 | 75.3 | 81.2 | 85.2 | 87.9 | 88.4 | 89.6 | 90.2 | 90.2 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.7 |
| ≥ 1800 | 37.2 | 75.7 | 81.8 | 85.8 | 88.5 | 89.1 | 90.3 | 90.8 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.3 |
| ≥ 1500 | 37.2 | 76.0 | 82.3 | 86.4 | 89.5 | 90.1 | 91.4 | 92.1 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.6 | 92.6 |
| ≥ 1200 | 37.3 | 76.4 | 83.0 | 87.4 | 90.5 | 91.3 | 92.6 | 93.3 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.8 | 93.8 |
| ≥ 1000 | 37.4 | 77.1 | 83.8 | 88.5 | 91.7 | 92.6 | 94.0 | 94.7 | 94.8 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.3 |
| ≥ 900 | 37.4 | 77.3 | 84.0 | 88.8 | 92.3 | 93.2 | 94.5 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 |
| ≥ 800 | 37.4 | 77.3 | 84.1 | 88.9 | 92.5 | 93.6 | 95.0 | 95.8 | 96.0 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.4 |
| ≥ 700 | 37.4 | 77.4 | 84.2 | 89.1 | 92.8 | 93.9 | 95.4 | 96.3 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 |
| ≥ 600 | 37.4 | 77.5 | 84.4 | 89.4 | 93.2 | 94.3 | 95.9 | 96.8 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.5 |
| ≥ 500 | 37.4 | 77.6 | 84.7 | 89.7 | 93.6 | 94.8 | 96.3 | 97.2 | 97.3 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.1 |
| ≥ 400 | 37.4 | 77.7 | 84.8 | 89.9 | 93.8 | 95.0 | 96.7 | 97.7 | 97.9 | 98.4 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 |
| ≥ 300 | 37.4 | 77.7 | 84.8 | 89.9 | 93.8 | 95.0 | 96.8 | 97.9 | 98.2 | 98.7 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 |
| ≥ 200 | 37.4 | 77.7 | 84.9 | 89.9 | 93.9 | 95.1 | 97.0 | 98.1 | 98.4 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 |
| ≥ 100 | 37.4 | 77.7 | 84.9 | 89.9 | 93.9 | 95.1 | 97.0 | 98.1 | 98.4 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.6 | 99.7 |
| ≥ 0 | 37.4 | 77.7 | 84.9 | 89.9 | 93.9 | 95.1 | 97.0 | 98.1 | 98.4 | 99.0 | 99.1 | 99.1 | 99.3 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2405

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

2100-2300 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.9 | 54.0 | 57.2 | 59.4 | 61.9 | 62.4 | 63.0 | 63.3 | 63.4 | 63.8 | 63.9 | 63.9 | 64.2 | 64.3 | 64.5 | 64.8 |
| ≥ 20000 | 27.1 | 55.7 | 59.2 | 61.5 | 64.2 | 64.7 | 65.4 | 65.7 | 65.8 | 66.2 | 66.4 | 66.4 | 66.7 | 66.8 | 67.0 | 67.3 |
| ≥ 18000 | 27.2 | 56.0 | 59.5 | 61.8 | 64.5 | 65.0 | 65.8 | 66.1 | 66.2 | 66.6 | 66.7 | 66.7 | 67.0 | 67.1 | 67.3 | 67.6 |
| ≥ 16000 | 27.2 | 56.0 | 59.5 | 61.9 | 64.6 | 65.1 | 65.8 | 66.2 | 66.3 | 66.7 | 66.8 | 66.8 | 67.1 | 67.2 | 67.4 | 67.8 |
| ≥ 14000 | 27.2 | 56.3 | 59.8 | 62.2 | 64.9 | 65.4 | 66.2 | 66.6 | 66.7 | 67.1 | 67.2 | 67.2 | 67.5 | 67.6 | 67.8 | 68.1 |
| ≥ 12000 | 27.6 | 57.0 | 60.6 | 63.0 | 65.8 | 66.3 | 67.1 | 67.5 | 67.6 | 68.0 | 68.1 | 68.1 | 68.4 | 68.5 | 68.7 | 69.1 |
| ≥ 10000 | 28.9 | 59.6 | 63.4 | 66.0 | 69.0 | 69.5 | 70.4 | 70.7 | 70.9 | 71.3 | 71.4 | 71.4 | 71.7 | 71.8 | 72.0 | 72.4 |
| ≥ 9000 | 29.1 | 60.1 | 64.1 | 66.7 | 69.8 | 70.3 | 71.1 | 71.5 | 71.6 | 72.0 | 72.2 | 72.2 | 72.5 | 72.6 | 72.8 | 73.1 |
| ≥ 8000 | 29.5 | 61.8 | 66.1 | 68.7 | 71.9 | 72.4 | 73.3 | 73.7 | 73.8 | 74.2 | 74.4 | 74.4 | 74.7 | 74.8 | 75.0 | 75.3 |
| ≥ 7000 | 30.1 | 64.1 | 68.5 | 71.2 | 74.6 | 75.1 | 76.0 | 76.4 | 76.5 | 76.9 | 77.1 | 77.1 | 77.4 | 77.5 | 77.7 | 78.0 |
| ≥ 6000 | 30.4 | 65.5 | 70.3 | 73.0 | 76.4 | 76.9 | 77.7 | 78.1 | 78.2 | 78.7 | 78.8 | 78.8 | 79.1 | 79.2 | 79.4 | 79.7 |
| ≥ 5000 | 31.0 | 67.5 | 72.5 | 75.3 | 78.7 | 79.3 | 80.3 | 80.8 | 80.9 | 81.3 | 81.5 | 81.5 | 81.8 | 81.8 | 82.0 | 82.4 |
| ≥ 4500 | 31.6 | 68.8 | 73.8 | 76.6 | 80.1 | 80.7 | 81.7 | 82.2 | 82.3 | 82.7 | 82.9 | 82.9 | 83.2 | 83.3 | 83.5 | 83.8 |
| ≥ 4000 | 31.9 | 70.0 | 75.2 | 78.0 | 81.6 | 82.2 | 83.2 | 83.7 | 83.8 | 84.3 | 84.4 | 84.4 | 84.7 | 84.8 | 85.0 | 85.3 |
| ≥ 3500 | 32.2 | 70.8 | 76.2 | 79.1 | 82.8 | 83.4 | 84.6 | 85.1 | 85.2 | 85.6 | 85.8 | 85.8 | 86.1 | 86.1 | 86.3 | 86.7 |
| ≥ 3000 | 32.4 | 71.4 | 76.8 | 79.9 | 83.9 | 84.5 | 85.6 | 86.1 | 86.3 | 86.7 | 86.8 | 86.8 | 87.1 | 87.2 | 87.4 | 87.8 |
| ≥ 2500 | 32.6 | 72.1 | 77.9 | 81.0 | 85.1 | 85.7 | 87.0 | 87.5 | 87.6 | 88.1 | 88.2 | 88.2 | 88.5 | 88.6 | 88.8 | 89.1 |
| ≥ 2000 | 32.7 | 72.6 | 78.5 | 81.9 | 86.4 | 87.0 | 88.3 | 88.9 | 89.0 | 89.4 | 89.6 | 89.6 | 89.9 | 90.0 | 90.2 | 90.6 |
| ≥ 1800 | 32.7 | 73.0 | 78.9 | 82.3 | 86.8 | 87.4 | 88.7 | 89.3 | 89.4 | 89.8 | 90.0 | 90.0 | 90.3 | 90.4 | 90.6 | 90.9 |
| ≥ 1500 | 32.9 | 73.5 | 79.6 | 83.0 | 87.7 | 88.4 | 89.9 | 90.5 | 90.6 | 91.1 | 91.3 | 91.3 | 91.6 | 91.7 | 91.9 | 92.2 |
| ≥ 1200 | 32.9 | 74.0 | 80.2 | 83.7 | 88.4 | 89.2 | 90.7 | 91.4 | 91.6 | 92.0 | 92.2 | 92.2 | 92.5 | 92.6 | 92.8 | 93.2 |
| ≥ 1000 | 33.1 | 74.4 | 80.8 | 84.3 | 89.1 | 90.0 | 91.8 | 92.4 | 92.7 | 93.1 | 93.3 | 93.3 | 93.6 | 93.7 | 93.9 | 94.2 |
| ≥ 900 | 33.1 | 74.5 | 81.0 | 84.6 | 89.5 | 90.4 | 92.2 | 92.9 | 93.1 | 93.5 | 93.7 | 93.7 | 94.0 | 94.1 | 94.3 | 94.7 |
| ≥ 800 | 33.1 | 74.6 | 81.3 | 84.9 | 90.0 | 90.9 | 92.7 | 93.4 | 93.7 | 94.1 | 94.3 | 94.3 | 94.6 | 94.7 | 94.9 | 95.2 |
| ≥ 700 | 33.1 | 74.8 | 81.5 | 85.2 | 90.4 | 91.5 | 93.4 | 94.2 | 94.4 | 94.9 | 95.1 | 95.1 | 95.4 | 95.5 | 95.7 | 96.1 |
| ≥ 600 | 33.1 | 74.8 | 81.5 | 85.4 | 90.7 | 91.8 | 93.8 | 94.5 | 94.7 | 95.3 | 95.5 | 95.5 | 95.9 | 96.0 | 96.2 | 96.6 |
| ≥ 500 | 33.1 | 74.9 | 81.8 | 85.7 | 91.1 | 92.3 | 94.6 | 95.3 | 95.5 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 97.1 | 97.5 |
| ≥ 400 | 33.1 | 75.0 | 81.9 | 85.8 | 91.3 | 92.4 | 94.8 | 95.6 | 95.9 | 96.5 | 96.8 | 96.8 | 97.3 | 97.4 | 97.6 | 98.0 |
| ≥ 300 | 33.1 | 75.0 | 81.9 | 86.0 | 91.6 | 92.7 | 95.2 | 96.3 | 96.6 | 97.3 | 97.5 | 97.5 | 98.1 | 98.2 | 98.4 | 98.7 |
| ≥ 200 | 33.1 | 75.0 | 81.9 | 86.0 | 91.6 | 92.7 | 95.2 | 96.3 | 96.6 | 97.3 | 97.6 | 97.7 | 98.2 | 98.3 | 98.6 | 99.0 |
| ≥ 100 | 33.1 | 75.0 | 81.9 | 86.0 | 91.6 | 92.7 | 95.2 | 96.3 | 96.6 | 97.3 | 97.6 | 97.8 | 98.4 | 98.5 | 99.0 | 99.5 |
| 0 | 33.1 | 75.0 | 81.9 | 86.0 | 91.6 | 92.7 | 95.2 | 96.3 | 96.6 | 97.3 | 97.6 | 97.8 | 98.4 | 98.5 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2395

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 23.1 | 48.3 | 51.7 | 52.4 | 55.6 | 55.9 | 57.0 | 57.2 | 57.5 | 58.1 | 58.1 | 58.2 | 58.4 | 58.5 | 58.7 | 59.6 |
| ≥ 20000 | 24.2 | 51.4 | 54.9 | 55.6 | 58.8 | 59.1 | 60.3 | 60.5 | 60.8 | 61.4 | 61.4 | 61.5 | 61.7 | 61.8 | 62.0 | 62.9 |
| ≥ 18000 | 24.2 | 51.5 | 55.0 | 55.7 | 58.9 | 59.2 | 60.4 | 60.7 | 61.0 | 61.5 | 61.6 | 61.7 | 61.8 | 61.9 | 62.1 | 63.0 |
| ≥ 16000 | 24.2 | 51.9 | 55.4 | 56.1 | 59.3 | 59.6 | 60.8 | 61.1 | 61.4 | 61.9 | 62.0 | 62.0 | 62.2 | 62.3 | 62.5 | 63.4 |
| ≥ 14000 | 24.3 | 52.5 | 56.0 | 56.8 | 59.9 | 60.2 | 61.5 | 61.7 | 62.0 | 62.6 | 62.6 | 62.7 | 62.9 | 63.0 | 63.2 | 64.1 |
| ≥ 12000 | 24.7 | 54.3 | 57.8 | 58.6 | 61.7 | 62.0 | 63.3 | 63.6 | 63.9 | 64.4 | 64.5 | 64.6 | 64.7 | 64.8 | 65.0 | 66.0 |
| ≥ 10000 | 25.9 | 57.0 | 60.8 | 61.6 | 64.8 | 65.1 | 66.5 | 66.7 | 67.0 | 67.5 | 67.6 | 67.7 | 67.9 | 68.0 | 68.2 | 69.1 |
| ≥ 9000 | 26.7 | 58.3 | 62.0 | 62.9 | 66.3 | 66.6 | 67.9 | 68.2 | 68.5 | 69.0 | 69.1 | 69.2 | 69.3 | 69.4 | 69.6 | 70.6 |
| ≥ 8000 | 27.4 | 59.7 | 63.6 | 64.6 | 68.0 | 68.3 | 69.6 | 69.9 | 70.2 | 70.7 | 70.8 | 70.9 | 71.1 | 71.1 | 71.4 | 72.3 |
| ≥ 7000 | 28.1 | 61.4 | 65.3 | 66.4 | 69.9 | 70.3 | 71.8 | 72.1 | 72.4 | 72.9 | 73.0 | 73.1 | 73.3 | 73.3 | 73.6 | 74.5 |
| ≥ 6000 | 28.5 | 62.6 | 66.7 | 67.8 | 71.4 | 71.8 | 73.3 | 73.6 | 73.9 | 74.4 | 74.5 | 74.5 | 74.7 | 74.8 | 75.0 | 76.0 |
| ≥ 5000 | 29.6 | 65.6 | 69.8 | 71.1 | 74.7 | 75.1 | 76.7 | 76.9 | 77.2 | 77.8 | 77.8 | 77.9 | 78.2 | 78.3 | 78.5 | 79.4 |
| ≥ 4500 | 29.6 | 66.0 | 70.4 | 71.8 | 75.4 | 75.9 | 77.5 | 77.8 | 78.1 | 78.6 | 78.7 | 78.7 | 79.0 | 79.1 | 79.3 | 80.2 |
| ≥ 4000 | 30.2 | 67.8 | 72.3 | 74.0 | 77.9 | 78.4 | 80.0 | 80.3 | 80.6 | 81.1 | 81.2 | 81.3 | 81.5 | 81.6 | 81.8 | 82.8 |
| ≥ 3500 | 30.6 | 69.0 | 73.5 | 75.4 | 79.5 | 79.9 | 81.6 | 82.0 | 82.3 | 82.8 | 82.9 | 83.0 | 83.3 | 83.3 | 83.6 | 84.5 |
| ≥ 3000 | 30.9 | 70.2 | 74.8 | 76.8 | 80.9 | 81.5 | 83.2 | 83.6 | 83.9 | 84.4 | 84.5 | 84.5 | 84.8 | 84.9 | 85.1 | 86.0 |
| ≥ 2500 | 31.0 | 70.7 | 75.5 | 77.5 | 81.7 | 82.2 | 84.0 | 84.4 | 84.8 | 85.3 | 85.4 | 85.5 | 85.7 | 85.8 | 86.0 | 87.0 |
| ≥ 2000 | 31.3 | 71.4 | 76.3 | 78.5 | 83.0 | 83.5 | 85.4 | 85.8 | 86.1 | 86.7 | 86.8 | 86.9 | 87.1 | 87.2 | 87.4 | 88.4 |
| ≥ 1800 | 31.3 | 71.5 | 76.5 | 78.8 | 83.3 | 83.9 | 85.7 | 86.1 | 86.5 | 87.0 | 87.1 | 87.2 | 87.5 | 87.5 | 87.8 | 88.7 |
| ≥ 1500 | 31.3 | 71.8 | 77.1 | 79.6 | 84.2 | 84.8 | 86.7 | 87.1 | 87.4 | 88.0 | 88.1 | 88.2 | 88.4 | 88.5 | 88.8 | 89.7 |
| ≥ 1200 | 31.4 | 72.3 | 77.7 | 80.5 | 85.3 | 85.9 | 87.9 | 88.3 | 88.7 | 89.3 | 89.4 | 89.5 | 89.8 | 89.9 | 90.1 | 91.0 |
| ≥ 1000 | 31.4 | 72.6 | 78.3 | 81.3 | 86.3 | 86.9 | 89.0 | 89.5 | 89.9 | 90.5 | 90.7 | 90.8 | 91.1 | 91.2 | 91.4 | 92.4 |
| ≥ 900 | 31.4 | 72.8 | 78.5 | 81.7 | 86.6 | 87.3 | 89.4 | 89.9 | 90.3 | 91.0 | 91.2 | 91.3 | 91.6 | 91.7 | 91.9 | 92.8 |
| ≥ 800 | 31.5 | 73.1 | 78.9 | 82.0 | 87.2 | 87.8 | 90.0 | 90.6 | 91.0 | 91.7 | 91.9 | 92.0 | 92.3 | 92.4 | 92.6 | 93.6 |
| ≥ 700 | 31.5 | 73.2 | 79.0 | 82.1 | 87.3 | 88.0 | 90.4 | 91.1 | 91.5 | 92.1 | 92.4 | 92.4 | 92.7 | 92.8 | 93.1 | 94.1 |
| ≥ 600 | 31.5 | 73.4 | 79.2 | 82.4 | 87.6 | 88.4 | 90.9 | 91.7 | 92.1 | 92.8 | 93.0 | 93.1 | 93.4 | 93.5 | 93.9 | 94.8 |
| ≥ 500 | 31.5 | 73.5 | 79.3 | 82.6 | 87.8 | 88.7 | 91.4 | 92.4 | 92.8 | 93.6 | 93.9 | 93.9 | 94.3 | 94.4 | 94.8 | 95.7 |
| ≥ 400 | 31.5 | 73.6 | 79.4 | 82.7 | 88.1 | 89.1 | 92.1 | 93.1 | 93.5 | 94.3 | 94.5 | 94.6 | 95.0 | 95.1 | 95.4 | 96.4 |
| ≥ 300 | 31.5 | 73.6 | 79.5 | 82.8 | 88.3 | 89.5 | 92.7 | 93.9 | 94.3 | 95.1 | 95.4 | 95.6 | 96.0 | 96.0 | 96.4 | 97.4 |
| ≥ 200 | 31.5 | 73.6 | 79.5 | 82.8 | 88.3 | 89.5 | 92.8 | 94.2 | 94.6 | 95.6 | 95.9 | 96.2 | 96.8 | 97.0 | 97.4 | 98.4 |
| ≥ 100 | 31.5 | 73.6 | 79.5 | 82.8 | 88.3 | 89.5 | 92.8 | 94.2 | 94.6 | 95.6 | 96.0 | 96.3 | 97.0 | 97.1 | 97.7 | 98.8 |
| 0 | 31.5 | 73.6 | 79.5 | 82.8 | 88.3 | 89.5 | 92.8 | 94.2 | 94.6 | 95.6 | 96.0 | 96.3 | 97.0 | 97.1 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2329

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.4 | 44.9 | 48.1 | 50.1 | 53.8 | 54.5 | 55.9 | 56.4 | 56.6 | 57.0 | 57.3 | 57.4 | 57.7 | 57.8 | 58.1 | 58.9 |
| ≥ 20000 | 22.0 | 47.8 | 51.4 | 53.4 | 57.1 | 57.9 | 59.2 | 59.8 | 60.0 | 60.4 | 60.7 | 60.7 | 61.1 | 61.2 | 61.6 | 62.4 |
| ≥ 18000 | 22.1 | 48.0 | 51.5 | 53.5 | 57.3 | 58.0 | 59.4 | 59.9 | 60.1 | 60.5 | 60.8 | 60.9 | 61.2 | 61.3 | 61.7 | 62.5 |
| ≥ 16000 | 22.1 | 48.2 | 51.7 | 53.7 | 57.5 | 58.2 | 59.6 | 60.1 | 60.3 | 60.7 | 61.0 | 61.1 | 61.4 | 61.6 | 61.9 | 62.8 |
| ≥ 14000 | 22.1 | 48.8 | 52.3 | 54.3 | 58.1 | 58.8 | 60.2 | 60.8 | 61.0 | 61.4 | 61.6 | 61.7 | 62.1 | 62.2 | 62.5 | 63.4 |
| ≥ 12000 | 22.5 | 50.1 | 53.7 | 55.7 | 59.5 | 60.2 | 61.6 | 62.2 | 62.4 | 62.8 | 63.1 | 63.2 | 63.6 | 63.7 | 64.0 | 64.9 |
| ≥ 10000 | 23.4 | 52.2 | 55.8 | 57.9 | 61.8 | 62.5 | 64.0 | 64.6 | 64.8 | 65.2 | 65.6 | 65.7 | 66.0 | 66.1 | 66.5 | 67.3 |
| ≥ 9000 | 23.9 | 53.9 | 57.6 | 59.7 | 63.7 | 64.4 | 65.9 | 66.5 | 66.7 | 67.1 | 67.4 | 67.5 | 67.9 | 68.0 | 68.3 | 69.2 |
| ≥ 8000 | 24.4 | 55.5 | 59.3 | 61.6 | 65.7 | 66.4 | 67.9 | 68.5 | 68.7 | 69.1 | 69.5 | 69.6 | 69.9 | 70.0 | 70.4 | 71.2 |
| ≥ 7000 | 25.5 | 57.6 | 61.6 | 64.0 | 68.2 | 68.9 | 70.5 | 71.1 | 71.3 | 71.7 | 72.1 | 72.1 | 72.5 | 72.6 | 73.0 | 73.8 |
| ≥ 6000 | 26.0 | 59.0 | 63.3 | 65.6 | 69.9 | 70.6 | 72.2 | 72.8 | 73.0 | 73.4 | 73.8 | 73.9 | 74.2 | 74.3 | 74.7 | 75.5 |
| ≥ 5000 | 26.8 | 61.5 | 66.0 | 68.4 | 72.9 | 73.6 | 75.3 | 75.9 | 76.1 | 76.5 | 76.9 | 76.9 | 77.3 | 77.5 | 77.8 | 78.7 |
| ≥ 4500 | 27.0 | 62.2 | 66.7 | 69.1 | 73.6 | 74.4 | 76.0 | 76.6 | 76.8 | 77.2 | 77.6 | 77.7 | 78.1 | 78.2 | 78.5 | 79.4 |
| ≥ 4000 | 27.3 | 63.7 | 68.4 | 70.9 | 75.5 | 76.2 | 78.0 | 78.6 | 78.7 | 79.2 | 79.5 | 79.6 | 80.0 | 80.1 | 80.5 | 81.3 |
| ≥ 3500 | 27.6 | 65.1 | 69.9 | 72.6 | 77.3 | 78.0 | 79.8 | 80.4 | 80.6 | 81.0 | 81.4 | 81.5 | 81.9 | 82.0 | 82.3 | 83.2 |
| ≥ 3000 | 27.7 | 65.8 | 70.9 | 74.0 | 78.7 | 79.4 | 81.2 | 81.8 | 82.0 | 82.4 | 82.8 | 82.9 | 83.3 | 83.4 | 83.8 | 84.6 |
| ≥ 2500 | 27.9 | 66.4 | 71.6 | 74.9 | 79.6 | 80.3 | 82.1 | 82.8 | 82.9 | 83.4 | 83.8 | 83.8 | 84.2 | 84.4 | 84.7 | 85.6 |
| ≥ 2000 | 28.2 | 67.5 | 72.9 | 76.3 | 81.4 | 82.1 | 83.9 | 84.6 | 84.7 | 85.2 | 85.6 | 85.7 | 86.1 | 86.2 | 86.5 | 87.4 |
| ≥ 1800 | 28.3 | 67.8 | 73.2 | 76.7 | 81.8 | 82.5 | 84.4 | 85.0 | 85.2 | 85.6 | 86.0 | 86.1 | 86.5 | 86.6 | 87.0 | 87.8 |
| ≥ 1500 | 28.5 | 68.3 | 74.2 | 77.8 | 83.2 | 83.9 | 85.8 | 86.4 | 86.6 | 87.1 | 87.5 | 87.6 | 88.0 | 88.1 | 88.5 | 89.3 |
| ≥ 1200 | 28.5 | 68.5 | 74.3 | 78.1 | 83.5 | 84.3 | 86.2 | 86.9 | 87.1 | 87.6 | 88.2 | 88.3 | 88.6 | 88.8 | 89.1 | 90.0 |
| ≥ 1000 | 28.5 | 68.8 | 74.7 | 78.4 | 84.1 | 84.9 | 86.8 | 87.7 | 87.9 | 88.5 | 89.2 | 89.2 | 89.7 | 89.8 | 90.1 | 91.0 |
| ≥ 900 | 28.5 | 69.0 | 74.9 | 78.9 | 84.7 | 85.6 | 87.6 | 88.4 | 88.6 | 89.3 | 90.0 | 90.1 | 90.5 | 90.6 | 91.0 | 91.8 |
| ≥ 800 | 28.5 | 69.2 | 75.2 | 79.2 | 85.0 | 86.0 | 88.0 | 88.9 | 89.2 | 89.9 | 90.5 | 90.6 | 91.0 | 91.2 | 91.5 | 92.4 |
| ≥ 700 | 28.5 | 69.5 | 75.5 | 79.6 | 85.5 | 86.6 | 88.6 | 89.5 | 90.0 | 90.7 | 91.3 | 91.4 | 91.9 | 92.0 | 92.4 | 93.2 |
| ≥ 600 | 28.5 | 69.8 | 75.9 | 80.1 | 86.1 | 87.2 | 89.6 | 90.7 | 90.9 | 91.6 | 92.3 | 92.4 | 92.8 | 93.0 | 93.4 | 94.2 |
| ≥ 500 | 28.5 | 70.0 | 76.2 | 80.5 | 86.5 | 87.6 | 90.1 | 91.5 | 91.7 | 92.6 | 93.3 | 93.4 | 93.8 | 94.0 | 94.4 | 95.2 |
| ≥ 400 | 28.5 | 70.0 | 76.3 | 80.6 | 86.7 | 87.9 | 90.5 | 92.0 | 92.2 | 93.1 | 94.0 | 94.1 | 94.6 | 94.7 | 95.1 | 96.0 |
| ≥ 300 | 28.5 | 70.0 | 76.4 | 80.8 | 87.0 | 88.2 | 91.0 | 92.7 | 92.9 | 94.0 | 94.8 | 94.9 | 95.4 | 95.5 | 96.0 | 96.8 |
| ≥ 200 | 28.5 | 70.0 | 76.4 | 80.8 | 87.1 | 88.4 | 91.4 | 93.1 | 93.4 | 94.8 | 95.8 | 95.9 | 96.6 | 96.8 | 97.3 | 98.2 |
| ≥ 100 | 28.5 | 70.0 | 76.4 | 80.8 | 87.1 | 88.4 | 91.4 | 93.1 | 93.4 | 94.8 | 95.9 | 96.1 | 96.8 | 97.0 | 97.5 | 98.7 |
| ≥ 0 | 28.5 | 70.0 | 76.4 | 80.8 | 87.1 | 88.4 | 91.4 | 93.1 | 93.4 | 94.8 | 95.9 | 96.1 | 96.8 | 97.0 | 97.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2333

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

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

0400-0800 (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 | 18.7 | 38.2 | 41.9 | 44.7 | 48.0 | 48.8 | 50.6 | 51.3 | 51.5 | 52.1 | 52.3 | 52.4 | 52.7 | 52.8 | 53.0 | 53.6 |
| ≥ 20000 | 19.8 | 41.4 | 45.3 | 48.4 | 52.0 | 53.0 | 54.9 | 55.9 | 56.2 | 56.8 | 57.0 | 57.1 | 57.5 | 57.6 | 57.8 | 58.4 |
| ≥ 18000 | 19.8 | 41.5 | 45.7 | 48.5 | 52.1 | 53.2 | 55.1 | 56.1 | 56.3 | 56.9 | 57.2 | 57.3 | 57.6 | 57.7 | 57.9 | 58.5 |
| ≥ 16000 | 20.0 | 41.8 | 46.0 | 48.8 | 52.4 | 53.5 | 55.4 | 56.4 | 56.7 | 57.3 | 57.6 | 57.7 | 58.1 | 58.1 | 58.3 | 59.0 |
| ≥ 14000 | 20.3 | 42.5 | 46.8 | 49.7 | 53.3 | 54.4 | 56.3 | 57.3 | 57.5 | 58.2 | 58.5 | 58.6 | 59.0 | 59.0 | 59.2 | 59.9 |
| ≥ 12000 | 20.8 | 43.9 | 48.1 | 51.1 | 54.8 | 55.9 | 57.8 | 58.8 | 59.1 | 59.8 | 60.1 | 60.2 | 60.7 | 60.7 | 60.9 | 61.6 |
| ≥ 10000 | 21.8 | 46.3 | 50.7 | 53.8 | 57.6 | 58.7 | 60.7 | 61.8 | 62.1 | 62.9 | 63.1 | 63.3 | 63.7 | 63.8 | 64.0 | 64.7 |
| ≥ 9000 | 22.1 | 47.7 | 52.2 | 55.5 | 59.4 | 60.5 | 62.5 | 63.6 | 63.9 | 64.7 | 65.0 | 65.1 | 65.6 | 65.6 | 65.8 | 66.6 |
| ≥ 8000 | 22.8 | 49.8 | 54.6 | 58.0 | 61.9 | 63.0 | 65.2 | 66.3 | 66.6 | 67.4 | 67.7 | 67.8 | 68.3 | 68.4 | 68.6 | 69.4 |
| ≥ 7000 | 23.9 | 52.3 | 57.3 | 60.8 | 64.9 | 66.0 | 68.3 | 69.4 | 69.7 | 70.6 | 70.9 | 71.0 | 71.6 | 71.7 | 71.9 | 72.7 |
| ≥ 6000 | 24.3 | 53.7 | 58.8 | 62.4 | 66.7 | 67.9 | 70.2 | 71.4 | 71.7 | 72.5 | 72.9 | 73.0 | 73.7 | 73.8 | 74.0 | 74.8 |
| ≥ 5000 | 24.8 | 55.8 | 61.2 | 64.9 | 69.5 | 70.6 | 73.1 | 74.3 | 74.7 | 75.5 | 75.9 | 76.1 | 76.7 | 76.8 | 77.0 | 77.8 |
| ≥ 4500 | 24.9 | 56.3 | 61.7 | 65.5 | 70.2 | 71.3 | 73.9 | 75.1 | 75.4 | 76.3 | 76.7 | 76.8 | 77.4 | 77.5 | 77.7 | 78.5 |
| ≥ 4000 | 25.2 | 57.9 | 63.5 | 67.5 | 72.2 | 73.4 | 76.1 | 77.3 | 77.6 | 78.5 | 78.9 | 79.0 | 79.7 | 79.7 | 80.0 | 80.8 |
| ≥ 3500 | 25.4 | 59.0 | 64.8 | 69.1 | 73.9 | 75.1 | 77.8 | 79.0 | 79.3 | 80.2 | 80.6 | 80.8 | 81.4 | 81.5 | 81.7 | 82.6 |
| ≥ 3000 | 25.5 | 59.9 | 66.0 | 70.3 | 75.4 | 76.7 | 79.3 | 80.6 | 80.9 | 81.8 | 82.2 | 82.4 | 83.0 | 83.1 | 83.3 | 84.3 |
| ≥ 2500 | 25.6 | 60.3 | 66.6 | 71.1 | 76.2 | 77.5 | 80.1 | 81.4 | 81.8 | 82.7 | 83.0 | 83.3 | 83.9 | 84.0 | 84.2 | 85.2 |
| ≥ 2000 | 25.9 | 61.0 | 67.5 | 72.0 | 77.3 | 78.6 | 81.4 | 82.7 | 83.0 | 83.9 | 84.3 | 84.5 | 85.2 | 85.3 | 85.5 | 86.5 |
| ≥ 1800 | 26.0 | 61.2 | 67.7 | 72.3 | 77.7 | 79.0 | 81.8 | 83.1 | 83.4 | 84.3 | 84.7 | 84.9 | 85.6 | 85.7 | 85.9 | 86.9 |
| ≥ 1500 | 26.2 | 62.0 | 68.6 | 73.4 | 79.0 | 80.3 | 83.3 | 84.7 | 85.0 | 86.0 | 86.4 | 86.6 | 87.2 | 87.3 | 87.5 | 88.5 |
| ≥ 1200 | 26.3 | 62.7 | 69.4 | 74.3 | 80.1 | 81.5 | 84.5 | 86.1 | 86.4 | 87.4 | 87.8 | 88.1 | 88.7 | 88.8 | 89.0 | 90.0 |
| ≥ 1000 | 26.3 | 63.0 | 69.8 | 74.9 | 80.9 | 82.4 | 85.5 | 87.2 | 87.6 | 88.5 | 89.1 | 89.4 | 90.0 | 90.1 | 90.4 | 91.4 |
| ≥ 900 | 26.3 | 63.1 | 69.9 | 75.0 | 81.1 | 82.7 | 85.9 | 87.6 | 87.9 | 88.9 | 89.5 | 89.8 | 90.4 | 90.5 | 90.8 | 91.8 |
| ≥ 800 | 26.3 | 63.3 | 70.2 | 75.2 | 81.5 | 83.2 | 86.4 | 88.1 | 88.5 | 89.6 | 90.1 | 90.4 | 91.1 | 91.2 | 91.5 | 92.4 |
| ≥ 700 | 26.3 | 63.4 | 70.3 | 75.4 | 81.9 | 83.7 | 87.1 | 88.8 | 89.2 | 90.3 | 90.9 | 91.2 | 91.8 | 91.9 | 92.2 | 93.2 |
| ≥ 600 | 26.3 | 63.7 | 70.6 | 75.8 | 82.4 | 84.3 | 87.8 | 89.5 | 89.9 | 91.1 | 91.7 | 92.0 | 92.6 | 92.7 | 93.0 | 94.0 |
| ≥ 500 | 26.3 | 63.7 | 70.7 | 76.0 | 82.8 | 84.8 | 88.3 | 90.2 | 90.6 | 92.0 | 92.5 | 92.8 | 93.6 | 93.7 | 94.0 | 95.0 |
| ≥ 400 | 26.3 | 63.8 | 70.7 | 76.1 | 83.0 | 85.2 | 88.8 | 90.9 | 91.3 | 92.9 | 93.5 | 93.8 | 94.8 | 94.9 | 95.3 | 96.3 |
| ≥ 300 | 26.3 | 63.8 | 70.7 | 76.2 | 83.0 | 85.2 | 89.1 | 91.5 | 92.0 | 93.8 | 94.4 | 94.7 | 95.7 | 95.8 | 96.4 | 97.3 |
| ≥ 200 | 26.3 | 63.8 | 70.7 | 76.2 | 83.1 | 85.3 | 89.2 | 91.7 | 92.2 | 93.9 | 94.6 | 94.9 | 96.1 | 96.3 | 96.8 | 97.9 |
| ≥ 100 | 26.3 | 63.8 | 70.7 | 76.2 | 83.1 | 85.3 | 89.2 | 91.7 | 92.2 | 93.9 | 94.6 | 95.0 | 96.3 | 96.5 | 97.3 | 98.6 |
| 0 | 26.3 | 63.8 | 70.7 | 76.2 | 83.1 | 85.3 | 89.2 | 91.7 | 92.2 | 93.9 | 94.6 | 95.0 | 96.3 | 96.5 | 97.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2330

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 22.4 | 40.9 | 43.2 | 44.9 | 46.4 | 47.1 | 47.8 | 48.2 | 48.2 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.7 | 48.8 |
| ≥ 20000 | 25.4 | 47.2 | 50.0 | 52.3 | 54.2 | 54.9 | 55.8 | 56.2 | 56.2 | 56.4 | 56.5 | 56.5 | 56.6 | 56.6 | 56.7 | 56.8 |
| ≥ 18000 | 25.5 | 47.5 | 50.4 | 52.7 | 54.6 | 55.4 | 56.2 | 56.6 | 56.6 | 56.9 | 56.9 | 56.9 | 57.0 | 57.0 | 57.1 | 57.3 |
| ≥ 16000 | 25.5 | 47.7 | 50.6 | 53.0 | 54.9 | 55.6 | 56.4 | 56.9 | 56.9 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.5 |
| ≥ 14000 | 26.0 | 48.9 | 52.0 | 54.3 | 56.3 | 57.0 | 57.8 | 58.3 | 58.3 | 58.5 | 58.6 | 58.6 | 58.7 | 58.7 | 58.8 | 58.9 |
| ≥ 12000 | 26.8 | 50.4 | 53.6 | 56.0 | 58.1 | 58.9 | 59.9 | 60.5 | 60.5 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.2 |
| ≥ 10000 | 28.0 | 53.1 | 56.4 | 59.1 | 61.5 | 62.4 | 63.5 | 64.2 | 64.2 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.8 |
| ≥ 9000 | 28.6 | 54.8 | 58.1 | 60.9 | 63.3 | 64.3 | 65.5 | 66.2 | 66.2 | 66.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.7 | 66.8 |
| ≥ 8000 | 29.1 | 56.9 | 60.3 | 63.2 | 65.8 | 66.8 | 68.2 | 68.9 | 68.9 | 69.2 | 69.2 | 69.2 | 69.3 | 69.4 | 69.4 | 69.6 |
| ≥ 7000 | 30.2 | 59.6 | 63.3 | 66.6 | 69.2 | 70.3 | 71.7 | 72.5 | 72.5 | 72.8 | 72.9 | 72.9 | 73.0 | 73.0 | 73.1 | 73.3 |
| ≥ 6000 | 30.6 | 61.0 | 64.8 | 68.1 | 70.8 | 72.0 | 73.4 | 74.3 | 74.3 | 74.6 | 74.7 | 74.7 | 74.8 | 74.9 | 74.9 | 75.1 |
| ≥ 5000 | 31.4 | 62.7 | 66.7 | 70.0 | 72.7 | 73.9 | 75.4 | 76.3 | 76.3 | 76.6 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 77.1 |
| ≥ 4500 | 31.8 | 63.7 | 67.7 | 71.2 | 73.9 | 75.2 | 76.7 | 77.6 | 77.6 | 77.9 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.4 |
| ≥ 4000 | 32.7 | 65.8 | 69.8 | 73.3 | 76.2 | 77.6 | 79.1 | 80.0 | 80.1 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.7 | 80.9 |
| ≥ 3500 | 33.1 | 66.9 | 71.2 | 74.8 | 77.8 | 79.1 | 80.7 | 81.7 | 81.8 | 82.1 | 82.1 | 82.1 | 82.3 | 82.3 | 82.4 | 82.5 |
| ≥ 3000 | 33.5 | 68.5 | 73.1 | 76.8 | 79.8 | 81.2 | 82.8 | 83.8 | 83.8 | 84.1 | 84.2 | 84.2 | 84.4 | 84.4 | 84.5 | 84.6 |
| ≥ 2500 | 34.0 | 69.4 | 74.2 | 77.9 | 81.1 | 82.4 | 84.1 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.8 | 85.9 |
| ≥ 2000 | 34.2 | 70.1 | 75.1 | 79.1 | 82.4 | 83.8 | 85.5 | 86.5 | 86.5 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.5 |
| ≥ 1800 | 34.2 | 70.3 | 75.2 | 79.4 | 82.8 | 84.2 | 85.8 | 86.9 | 86.9 | 87.3 | 87.5 | 87.6 | 87.7 | 87.7 | 87.8 | 87.9 |
| ≥ 1500 | 34.4 | 71.0 | 76.2 | 80.6 | 84.3 | 85.8 | 87.6 | 88.6 | 88.7 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.5 | 89.7 |
| ≥ 1200 | 34.6 | 71.4 | 76.6 | 81.2 | 85.0 | 86.6 | 88.4 | 89.5 | 89.6 | 90.0 | 90.2 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 |
| ≥ 1000 | 34.7 | 71.8 | 77.1 | 81.8 | 85.9 | 87.5 | 89.5 | 90.7 | 90.7 | 91.2 | 91.4 | 91.5 | 91.7 | 91.8 | 91.8 | 92.0 |
| ≥ 900 | 34.7 | 71.8 | 77.1 | 82.0 | 86.3 | 87.9 | 90.0 | 91.3 | 91.3 | 91.9 | 92.1 | 92.2 | 92.4 | 92.4 | 92.5 | 92.7 |
| ≥ 800 | 34.7 | 72.1 | 77.4 | 82.4 | 87.0 | 88.8 | 90.9 | 92.2 | 92.2 | 92.8 | 93.1 | 93.2 | 93.4 | 93.4 | 93.5 | 93.6 |
| ≥ 700 | 34.7 | 72.2 | 77.6 | 82.6 | 87.3 | 89.3 | 91.6 | 93.0 | 93.0 | 93.8 | 94.1 | 94.2 | 94.4 | 94.5 | 94.5 | 94.7 |
| ≥ 600 | 34.7 | 72.2 | 77.7 | 82.8 | 87.9 | 90.0 | 92.4 | 93.9 | 94.0 | 94.9 | 95.2 | 95.3 | 95.6 | 95.7 | 95.7 | 95.9 |
| ≥ 500 | 34.7 | 72.5 | 78.0 | 83.3 | 88.5 | 90.7 | 93.3 | 94.9 | 95.1 | 96.3 | 96.7 | 96.8 | 97.1 | 97.2 | 97.3 | 97.5 |
| ≥ 400 | 34.7 | 72.6 | 78.1 | 83.5 | 88.7 | 90.9 | 93.6 | 95.5 | 95.6 | 96.8 | 97.3 | 97.3 | 97.6 | 97.7 | 97.9 | 98.0 |
| ≥ 300 | 34.7 | 72.6 | 78.2 | 83.6 | 88.9 | 91.2 | 93.9 | 95.8 | 96.0 | 97.3 | 97.8 | 97.9 | 98.2 | 98.3 | 98.7 | 98.8 |
| ≥ 200 | 34.7 | 72.6 | 78.2 | 83.6 | 88.9 | 91.2 | 93.9 | 96.0 | 96.2 | 97.5 | 98.2 | 98.3 | 98.7 | 98.8 | 99.2 | 99.5 |
| ≥ 100 | 34.7 | 72.6 | 78.2 | 83.6 | 88.9 | 91.2 | 93.9 | 96.0 | 96.2 | 97.5 | 98.2 | 98.4 | 98.7 | 98.9 | 99.4 | 99.8 |
| ≥ 0 | 34.7 | 72.6 | 78.2 | 83.6 | 88.9 | 91.2 | 93.9 | 96.0 | 96.2 | 97.5 | 98.2 | 98.4 | 98.7 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2330

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.7 | 42.9 | 44.1 | 45.2 | 46.0 | 46.2 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 20000 | 31.6 | 51.3 | 52.8 | 54.1 | 55.0 | 55.1 | 55.7 | 55.7 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 18000 | 31.6 | 51.5 | 53.1 | 54.3 | 55.2 | 55.4 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 16000 | 32.0 | 52.2 | 53.8 | 55.0 | 55.9 | 56.1 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 14000 | 33.0 | 54.0 | 55.6 | 56.9 | 57.8 | 58.0 | 58.5 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 12000 | 34.0 | 55.9 | 57.7 | 59.0 | 60.0 | 60.2 | 60.8 | 60.8 | 61.0 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 10000 | 35.2 | 59.2 | 61.3 | 62.9 | 64.1 | 64.5 | 65.1 | 65.2 | 65.3 | 65.4 | 65.4 | 65.4 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 9000 | 35.6 | 60.0 | 62.2 | 63.8 | 65.1 | 65.5 | 66.1 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 8000 | 36.2 | 61.7 | 64.2 | 66.1 | 67.5 | 67.9 | 68.6 | 68.7 | 68.8 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 7000 | 36.8 | 63.3 | 65.9 | 67.8 | 69.3 | 69.7 | 70.4 | 70.5 | 70.7 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 6000 | 36.9 | 64.6 | 67.2 | 69.3 | 70.7 | 71.1 | 71.9 | 72.0 | 72.1 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 5000 | 38.1 | 66.5 | 69.3 | 71.6 | 73.1 | 73.6 | 74.5 | 74.6 | 74.8 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 4500 | 38.6 | 67.5 | 70.4 | 72.7 | 74.2 | 74.7 | 75.6 | 75.7 | 75.9 | 76.0 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 4000 | 39.4 | 69.7 | 72.9 | 75.2 | 76.8 | 77.3 | 78.3 | 78.4 | 78.7 | 78.8 | 78.8 | 78.8 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 3500 | 40.6 | 71.8 | 75.1 | 77.8 | 79.5 | 80.0 | 81.0 | 81.2 | 81.5 | 81.6 | 81.6 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 3000 | 41.9 | 74.8 | 78.2 | 80.9 | 82.6 | 83.2 | 84.2 | 84.3 | 84.7 | 84.8 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 2500 | 42.4 | 76.3 | 79.9 | 82.8 | 84.5 | 85.1 | 86.1 | 86.3 | 86.6 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 2000 | 42.6 | 77.5 | 81.3 | 84.3 | 86.3 | 86.9 | 88.0 | 88.2 | 88.5 | 88.7 | 88.7 | 88.7 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 1800 | 42.6 | 77.7 | 81.5 | 84.6 | 86.7 | 87.3 | 88.4 | 88.6 | 88.9 | 89.1 | 89.1 | 89.1 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 1500 | 42.7 | 78.3 | 82.4 | 85.7 | 87.9 | 88.6 | 89.7 | 89.9 | 90.3 | 90.5 | 90.5 | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1200 | 42.8 | 78.7 | 83.0 | 86.3 | 88.8 | 89.5 | 90.7 | 90.9 | 91.4 | 91.5 | 91.5 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 |
| ≥ 1000 | 42.9 | 79.1 | 83.5 | 87.0 | 89.8 | 90.5 | 91.7 | 92.0 | 92.5 | 92.6 | 92.7 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 |
| ≥ 900 | 42.9 | 79.2 | 83.8 | 87.4 | 90.3 | 91.0 | 92.3 | 92.6 | 93.1 | 93.3 | 93.3 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 800 | 42.9 | 79.4 | 84.1 | 87.8 | 91.0 | 91.7 | 93.1 | 93.4 | 94.0 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 | 94.6 | 94.6 |
| ≥ 700 | 42.9 | 79.7 | 84.6 | 88.4 | 91.8 | 92.6 | 94.1 | 94.5 | 95.1 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 600 | 42.9 | 79.9 | 84.9 | 88.9 | 92.4 | 93.2 | 94.9 | 95.4 | 96.0 | 96.5 | 96.7 | 96.7 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 500 | 42.9 | 79.9 | 85.0 | 89.1 | 92.8 | 93.7 | 95.5 | 96.0 | 96.6 | 97.3 | 97.6 | 97.6 | 97.8 | 97.8 | 97.9 | 97.9 |
| ≥ 400 | 42.9 | 79.9 | 85.0 | 89.2 | 93.1 | 94.0 | 95.9 | 96.6 | 97.2 | 97.9 | 98.2 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 300 | 42.9 | 80.0 | 85.1 | 89.3 | 93.3 | 94.2 | 96.2 | 96.9 | 97.6 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 99.1 | 99.1 |
| ≥ 200 | 42.9 | 80.0 | 85.1 | 89.3 | 93.3 | 94.2 | 96.2 | 96.9 | 97.6 | 98.4 | 98.8 | 98.8 | 99.1 | 99.1 | 99.4 | 99.5 |
| ≥ 100 | 42.9 | 80.0 | 85.1 | 89.3 | 93.3 | 94.2 | 96.2 | 96.9 | 97.6 | 98.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.6 | 100.0 |
| 0 | 42.9 | 80.0 | 85.1 | 89.3 | 93.3 | 94.2 | 96.2 | 96.9 | 97.6 | 98.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2329

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 27.2 | 42.4 | 44.4 | 45.3 | 46.2 | 46.5 | 47.2 | 47.4 | 47.5 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 32.0 | 51.5 | 53.7 | 54.8 | 55.8 | 56.1 | 56.8 | 57.1 | 57.1 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 | 57.3 |
| ≥ 18000 | 32.1 | 51.8 | 54.0 | 55.1 | 56.1 | 56.4 | 57.1 | 57.4 | 57.4 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 16000 | 32.3 | 52.2 | 54.5 | 55.6 | 56.5 | 56.9 | 57.6 | 57.8 | 57.9 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 14000 | 32.8 | 53.3 | 55.7 | 56.8 | 57.8 | 58.1 | 58.9 | 59.2 | 59.2 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 12000 | 33.9 | 55.6 | 58.1 | 59.3 | 60.5 | 60.8 | 61.6 | 61.9 | 61.9 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 10000 | 34.9 | 58.8 | 61.5 | 62.8 | 64.1 | 64.5 | 65.4 | 65.6 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 9000 | 35.3 | 59.8 | 62.5 | 63.9 | 65.3 | 65.6 | 66.5 | 66.8 | 66.8 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 8000 | 36.0 | 62.4 | 65.3 | 66.7 | 68.1 | 68.0 | 69.5 | 69.8 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 7000 | 36.8 | 64.3 | 67.4 | 68.8 | 70.3 | 70.7 | 71.6 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 37.2 | 65.7 | 68.9 | 70.4 | 71.8 | 72.2 | 73.3 | 73.5 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 5000 | 38.0 | 67.8 | 71.3 | 72.9 | 74.4 | 75.0 | 76.1 | 76.3 | 76.6 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 4500 | 38.5 | 69.0 | 72.5 | 74.2 | 75.8 | 76.4 | 77.4 | 77.7 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 4000 | 39.6 | 71.9 | 75.8 | 77.8 | 79.8 | 80.4 | 81.5 | 81.8 | 82.1 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 3500 | 40.5 | 73.3 | 77.3 | 79.5 | 81.6 | 82.3 | 83.4 | 83.6 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 3000 | 40.8 | 75.2 | 79.6 | 82.0 | 84.2 | 84.8 | 85.9 | 86.1 | 86.5 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 2500 | 41.1 | 76.4 | 80.8 | 83.2 | 85.7 | 86.4 | 87.6 | 87.9 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 2000 | 41.6 | 77.5 | 82.2 | 84.7 | 87.3 | 88.0 | 89.2 | 89.5 | 89.8 | 90.0 | 90.0 | 90.0 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 1800 | 41.6 | 77.6 | 82.3 | 84.8 | 87.3 | 88.1 | 89.3 | 89.6 | 89.9 | 90.1 | 90.1 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1500 | 41.6 | 78.0 | 82.9 | 85.5 | 88.2 | 88.9 | 90.2 | 90.5 | 90.8 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1200 | 41.7 | 78.6 | 83.9 | 86.5 | 89.4 | 90.2 | 91.5 | 91.8 | 92.1 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 1000 | 41.7 | 78.8 | 84.2 | 87.0 | 90.2 | 91.0 | 92.5 | 92.9 | 93.3 | 93.6 | 93.6 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 900 | 41.7 | 78.9 | 84.5 | 87.4 | 90.6 | 91.4 | 93.0 | 93.5 | 93.9 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 800 | 41.7 | 79.0 | 84.7 | 87.7 | 91.1 | 91.9 | 93.4 | 94.2 | 94.6 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 700 | 41.7 | 79.0 | 84.8 | 88.0 | 91.5 | 92.3 | 93.9 | 94.7 | 95.2 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 600 | 41.7 | 79.1 | 84.9 | 88.2 | 92.0 | 92.8 | 94.5 | 95.4 | 95.9 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 500 | 41.7 | 79.1 | 84.9 | 88.4 | 92.2 | 93.1 | 94.9 | 96.0 | 96.5 | 97.4 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 41.7 | 79.1 | 84.9 | 88.5 | 92.4 | 93.2 | 95.2 | 96.3 | 96.9 | 98.0 | 98.3 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 41.7 | 79.1 | 84.9 | 88.5 | 92.4 | 93.3 | 95.3 | 96.6 | 97.2 | 98.5 | 98.8 | 98.9 | 99.1 | 99.2 | 99.2 | 99.4 |
| ≥ 200 | 41.7 | 79.1 | 84.9 | 88.5 | 92.4 | 93.3 | 95.3 | 96.6 | 97.3 | 98.5 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.7 |
| ≥ 100 | 41.7 | 79.1 | 84.9 | 88.5 | 92.4 | 93.3 | 95.3 | 96.6 | 97.3 | 98.5 | 98.9 | 99.0 | 99.4 | 99.5 | 99.6 | 99.8 |
| ≥ 0 | 41.7 | 79.1 | 84.9 | 88.5 | 92.4 | 93.3 | 95.3 | 96.6 | 97.3 | 98.5 | 98.9 | 99.0 | 99.4 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2331

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

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

1300-2000 (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 26.3 | 47.7 | 50.1 | 51.7 | 53.2 | 53.5 | 54.4 | 54.8 | 54.9 | 55.3 | 55.3 | 55.3 | 55.5 | 55.5 | 55.5 | 55.5 |
| ≥ 20000 | 27.9 | 52.8 | 55.5 | 57.0 | 58.8 | 59.1 | 60.0 | 60.4 | 60.5 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 18000 | 28.0 | 53.2 | 55.9 | 57.5 | 59.3 | 59.6 | 60.4 | 60.8 | 60.9 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 |
| ≥ 16000 | 28.0 | 53.4 | 56.0 | 57.6 | 59.4 | 59.7 | 60.6 | 60.9 | 61.1 | 61.4 | 61.5 | 61.5 | 61.7 | 61.7 | 61.7 | 61.7 |
| ≥ 14000 | 28.4 | 54.4 | 57.1 | 58.6 | 60.5 | 60.8 | 61.7 | 62.1 | 62.2 | 62.6 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 12000 | 29.3 | 56.5 | 59.5 | 61.1 | 63.0 | 63.4 | 64.3 | 64.6 | 64.8 | 65.2 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 10000 | 30.3 | 58.5 | 61.6 | 63.3 | 65.4 | 65.9 | 66.8 | 67.2 | 67.4 | 67.7 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 9000 | 30.8 | 59.6 | 62.8 | 64.5 | 66.5 | 67.1 | 68.0 | 68.4 | 68.6 | 68.9 | 69.0 | 69.0 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 8000 | 31.4 | 61.4 | 64.9 | 66.7 | 68.8 | 69.5 | 70.5 | 70.8 | 71.0 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 7000 | 32.0 | 63.5 | 67.1 | 69.0 | 71.1 | 71.8 | 72.8 | 73.2 | 73.4 | 73.7 | 73.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 6000 | 32.6 | 65.3 | 68.9 | 70.9 | 73.2 | 73.9 | 74.9 | 75.3 | 75.5 | 75.8 | 75.9 | 75.9 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 5000 | 33.3 | 68.4 | 72.2 | 74.2 | 76.6 | 77.4 | 78.5 | 78.9 | 79.2 | 79.5 | 79.6 | 79.6 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 4500 | 33.8 | 69.8 | 73.6 | 75.7 | 78.1 | 78.9 | 80.0 | 80.4 | 80.7 | 81.0 | 81.1 | 81.1 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 4000 | 34.1 | 72.1 | 76.4 | 78.6 | 81.1 | 82.1 | 83.3 | 83.7 | 84.0 | 84.3 | 84.4 | 84.4 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 3500 | 34.5 | 73.0 | 77.5 | 79.8 | 82.5 | 83.5 | 84.7 | 85.1 | 85.4 | 85.7 | 85.8 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 3000 | 34.7 | 74.0 | 78.5 | 80.9 | 83.6 | 84.7 | 85.9 | 86.3 | 86.6 | 87.0 | 87.0 | 87.0 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2500 | 35.0 | 75.1 | 79.8 | 82.3 | 85.2 | 86.3 | 87.7 | 88.1 | 88.4 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2000 | 35.1 | 75.9 | 80.7 | 83.3 | 86.5 | 87.7 | 89.2 | 89.7 | 90.0 | 90.4 | 90.5 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1800 | 35.1 | 76.0 | 80.8 | 83.4 | 86.6 | 87.9 | 89.4 | 89.8 | 90.2 | 90.6 | 90.7 | 90.7 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1500 | 35.1 | 76.2 | 81.2 | 83.9 | 87.4 | 88.6 | 90.1 | 90.7 | 91.0 | 91.4 | 91.5 | 91.5 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 1200 | 35.2 | 76.8 | 82.1 | 84.8 | 88.5 | 89.7 | 91.2 | 91.8 | 92.2 | 92.5 | 92.6 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 1000 | 35.2 | 77.0 | 82.6 | 85.5 | 89.4 | 90.7 | 92.3 | 92.9 | 93.4 | 93.8 | 93.8 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 900 | 35.2 | 77.0 | 82.7 | 85.6 | 89.5 | 90.9 | 92.6 | 93.2 | 93.7 | 94.1 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 800 | 35.2 | 77.1 | 82.9 | 85.8 | 89.8 | 91.1 | 92.9 | 93.5 | 93.9 | 94.4 | 94.5 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 700 | 35.2 | 77.2 | 82.9 | 86.0 | 90.1 | 91.5 | 93.4 | 94.1 | 94.5 | 95.1 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 600 | 35.2 | 77.3 | 83.1 | 86.3 | 90.7 | 92.0 | 94.1 | 94.8 | 95.3 | 96.0 | 96.2 | 96.2 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 | 35.2 | 77.3 | 83.2 | 86.4 | 90.9 | 92.2 | 94.4 | 95.2 | 95.7 | 96.4 | 96.6 | 96.6 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 400 | 35.2 | 77.3 | 83.3 | 86.6 | 91.3 | 92.6 | 95.0 | 95.8 | 96.3 | 97.2 | 97.4 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 300 | 35.2 | 77.5 | 83.5 | 86.8 | 91.6 | 92.9 | 95.4 | 96.4 | 97.0 | 97.9 | 98.2 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 200 | 35.2 | 77.5 | 83.5 | 86.8 | 91.7 | 93.1 | 95.6 | 96.6 | 97.2 | 98.1 | 98.4 | 98.5 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 35.2 | 77.5 | 83.5 | 86.8 | 91.7 | 93.1 | 95.6 | 96.6 | 97.2 | 98.2 | 98.4 | 98.6 | 99.2 | 99.3 | 99.4 | 99.5 |
| ≥ 0 | 35.2 | 77.5 | 83.5 | 86.8 | 91.7 | 93.1 | 95.6 | 96.6 | 97.2 | 98.2 | 98.4 | 98.6 | 99.2 | 99.3 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS ... 2322

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 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 | 23.6 | 46.4 | 50.5 | 51.6 | 53.9 | 54.5 | 55.2 | 55.5 | 55.8 | 56.2 | 56.3 | 56.3 | 56.3 | 56.4 | 56.6 | 56.9 |
| ≥ 20000 | 24.8 | 52.3 | 54.5 | 55.8 | 58.2 | 58.9 | 59.6 | 59.9 | 60.2 | 60.6 | 60.7 | 60.7 | 60.8 | 60.9 | 61.1 | 61.4 |
| ≥ 18000 | 24.9 | 52.6 | 54.9 | 56.1 | 58.6 | 59.2 | 59.9 | 60.2 | 60.5 | 60.9 | 61.0 | 61.0 | 61.1 | 61.2 | 61.4 | 61.8 |
| ≥ 16000 | 24.9 | 52.9 | 55.1 | 56.4 | 58.8 | 59.5 | 60.2 | 60.5 | 60.8 | 61.2 | 61.3 | 61.3 | 61.4 | 61.5 | 61.7 | 62.0 |
| ≥ 14000 | 25.5 | 53.9 | 56.3 | 57.5 | 59.9 | 60.6 | 61.3 | 61.6 | 61.9 | 62.4 | 62.5 | 62.5 | 62.6 | 62.7 | 62.9 | 63.3 |
| ≥ 12000 | 26.2 | 55.6 | 58.0 | 59.3 | 61.9 | 62.5 | 63.3 | 63.6 | 63.9 | 64.4 | 64.5 | 64.5 | 64.6 | 64.7 | 64.9 | 65.2 |
| ≥ 10000 | 27.4 | 57.7 | 60.2 | 61.5 | 64.1 | 64.8 | 65.5 | 65.8 | 66.2 | 66.7 | 66.8 | 66.8 | 67.0 | 67.1 | 67.4 | 67.7 |
| ≥ 9000 | 27.7 | 59.0 | 61.6 | 62.9 | 65.6 | 66.3 | 67.0 | 67.3 | 67.7 | 68.2 | 68.3 | 68.3 | 68.5 | 68.6 | 68.9 | 69.2 |
| ≥ 8000 | 28.7 | 61.1 | 63.9 | 65.3 | 68.0 | 68.8 | 69.5 | 69.8 | 70.2 | 70.7 | 70.8 | 70.8 | 71.0 | 71.1 | 71.4 | 71.7 |
| ≥ 7000 | 29.3 | 63.2 | 66.0 | 67.5 | 70.4 | 71.2 | 72.0 | 72.3 | 72.7 | 73.2 | 73.3 | 73.3 | 73.6 | 73.7 | 74.0 | 74.3 |
| ≥ 6000 | 29.8 | 65.0 | 67.9 | 69.6 | 72.6 | 73.4 | 74.1 | 74.5 | 74.9 | 75.4 | 75.5 | 75.5 | 75.8 | 75.9 | 76.2 | 76.5 |
| ≥ 5000 | 30.8 | 68.2 | 71.4 | 73.2 | 76.3 | 77.2 | 78.0 | 78.3 | 78.8 | 79.3 | 79.5 | 79.5 | 79.7 | 79.8 | 80.1 | 80.4 |
| ≥ 4500 | 31.3 | 69.4 | 72.7 | 74.6 | 77.7 | 78.6 | 79.4 | 79.8 | 80.2 | 80.8 | 80.9 | 80.9 | 81.2 | 81.3 | 81.5 | 81.9 |
| ≥ 4000 | 31.7 | 71.1 | 74.8 | 76.7 | 80.0 | 80.8 | 81.6 | 82.0 | 82.4 | 83.0 | 83.2 | 83.2 | 83.4 | 83.6 | 83.8 | 84.2 |
| ≥ 3500 | 32.1 | 72.4 | 76.1 | 78.1 | 81.5 | 82.4 | 83.3 | 83.8 | 84.2 | 84.8 | 85.0 | 85.0 | 85.2 | 85.4 | 85.6 | 86.0 |
| ≥ 3000 | 32.4 | 73.6 | 77.5 | 79.6 | 83.0 | 83.9 | 84.8 | 85.3 | 85.8 | 86.4 | 86.6 | 86.6 | 86.8 | 86.9 | 87.2 | 87.5 |
| ≥ 2500 | 32.7 | 74.5 | 78.4 | 80.7 | 84.2 | 85.3 | 86.2 | 86.6 | 87.1 | 87.7 | 87.9 | 87.9 | 88.1 | 88.3 | 88.5 | 88.9 |
| ≥ 2000 | 32.8 | 75.0 | 79.1 | 81.4 | 85.2 | 86.3 | 87.4 | 87.9 | 88.4 | 89.1 | 89.3 | 89.3 | 89.6 | 89.7 | 89.9 | 90.3 |
| ≥ 1800 | 32.8 | 75.0 | 79.2 | 81.5 | 85.4 | 86.5 | 87.6 | 88.1 | 88.6 | 89.3 | 89.5 | 89.5 | 89.8 | 89.9 | 90.2 | 90.5 |
| ≥ 1500 | 32.8 | 75.4 | 79.8 | 82.2 | 86.1 | 87.2 | 88.3 | 88.8 | 89.3 | 90.1 | 90.2 | 90.2 | 90.5 | 90.6 | 90.9 | 91.3 |
| ≥ 1200 | 32.8 | 75.7 | 80.2 | 82.8 | 86.9 | 88.0 | 89.2 | 89.7 | 90.3 | 91.1 | 91.2 | 91.2 | 91.5 | 91.7 | 91.9 | 92.3 |
| ≥ 1000 | 32.8 | 76.2 | 80.9 | 83.6 | 87.8 | 89.0 | 90.4 | 91.0 | 91.5 | 92.3 | 92.5 | 92.5 | 92.9 | 93.0 | 93.2 | 93.6 |
| ≥ 900 | 32.9 | 76.3 | 81.1 | 84.1 | 88.3 | 89.5 | 90.8 | 91.5 | 92.0 | 92.9 | 93.0 | 93.0 | 93.4 | 93.5 | 93.8 | 94.1 |
| ≥ 800 | 32.9 | 76.4 | 81.3 | 84.3 | 88.6 | 89.8 | 91.2 | 91.9 | 92.4 | 93.2 | 93.4 | 93.4 | 93.8 | 93.9 | 94.1 | 94.5 |
| ≥ 700 | 32.9 | 76.6 | 81.4 | 84.5 | 88.9 | 90.2 | 91.6 | 92.4 | 93.0 | 93.9 | 94.0 | 94.0 | 94.5 | 94.6 | 94.9 | 95.3 |
| ≥ 600 | 32.9 | 76.6 | 81.5 | 84.6 | 89.0 | 90.4 | 92.2 | 92.9 | 93.5 | 94.4 | 94.6 | 94.6 | 95.1 | 95.2 | 95.5 | 95.8 |
| ≥ 500 | 32.9 | 76.8 | 81.7 | 84.8 | 89.4 | 90.8 | 92.9 | 93.7 | 94.3 | 95.2 | 95.4 | 95.4 | 96.0 | 96.1 | 96.4 | 96.7 |
| ≥ 400 | 32.9 | 76.8 | 81.8 | 85.1 | 89.7 | 91.2 | 93.5 | 94.3 | 94.9 | 95.9 | 96.1 | 96.1 | 96.7 | 96.8 | 97.1 | 97.5 |
| ≥ 300 | 32.9 | 76.8 | 81.9 | 85.2 | 89.9 | 91.4 | 93.8 | 94.8 | 95.4 | 96.4 | 96.7 | 96.7 | 97.3 | 97.4 | 97.7 | 98.1 |
| ≥ 200 | 32.9 | 76.8 | 81.9 | 85.2 | 90.0 | 91.5 | 94.0 | 95.1 | 95.7 | 96.8 | 97.0 | 97.0 | 97.6 | 97.8 | 98.2 | 98.6 |
| ≥ 100 | 32.9 | 76.8 | 81.9 | 85.2 | 90.0 | 91.5 | 94.0 | 95.1 | 95.7 | 96.8 | 97.1 | 97.1 | 97.8 | 98.0 | 98.5 | 99.1 |
| ≥ 0 | 32.9 | 76.8 | 81.9 | 85.2 | 90.0 | 91.5 | 94.0 | 95.1 | 95.7 | 96.8 | 97.1 | 97.1 | 97.8 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2336

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | 22.6 | 46.0 | 48.1 | 50.0 | 52.7 | 52.9 | 53.5 | 53.9 | 54.0 | 54.1 | 54.3 | 54.4 | 54.6 | 54.6 | 54.7 | 55.2 |
| ≥ 20000 | 23.6 | 48.6 | 50.9 | 52.8 | 55.7 | 55.9 | 56.5 | 56.9 | 57.0 | 57.1 | 57.3 | 57.4 | 57.6 | 57.6 | 57.7 | 58.2 |
| ≥ 18000 | 23.6 | 48.8 | 51.2 | 53.2 | 56.0 | 56.2 | 56.8 | 57.3 | 57.3 | 57.5 | 57.7 | 57.7 | 57.9 | 57.9 | 58.0 | 58.5 |
| ≥ 16000 | 23.6 | 49.1 | 51.4 | 53.4 | 56.3 | 56.5 | 57.1 | 57.5 | 57.6 | 57.7 | 57.9 | 58.0 | 58.2 | 58.2 | 58.3 | 58.8 |
| ≥ 14000 | 23.8 | 49.8 | 52.2 | 54.2 | 57.0 | 57.2 | 57.8 | 58.3 | 58.3 | 58.5 | 58.7 | 58.7 | 58.9 | 58.9 | 59.0 | 59.5 |
| ≥ 12000 | 24.3 | 51.2 | 53.7 | 55.7 | 58.7 | 58.9 | 59.5 | 60.0 | 60.0 | 60.2 | 60.4 | 60.4 | 60.6 | 60.6 | 60.7 | 61.2 |
| ≥ 10000 | 25.0 | 53.1 | 55.6 | 57.7 | 60.7 | 60.9 | 61.6 | 62.0 | 62.1 | 62.2 | 62.4 | 62.5 | 62.7 | 62.7 | 62.8 | 63.3 |
| ≥ 9000 | 25.2 | 54.0 | 56.5 | 58.6 | 61.7 | 61.9 | 62.5 | 62.9 | 63.0 | 63.1 | 63.3 | 63.4 | 63.6 | 63.6 | 63.7 | 64.2 |
| ≥ 8000 | 26.2 | 56.0 | 58.9 | 61.2 | 64.5 | 64.8 | 65.5 | 65.9 | 65.9 | 66.1 | 66.3 | 66.3 | 66.6 | 66.6 | 66.7 | 67.2 |
| ≥ 7000 | 27.0 | 58.1 | 61.1 | 63.5 | 67.1 | 67.5 | 68.2 | 68.7 | 68.7 | 68.9 | 69.1 | 69.2 | 69.5 | 69.5 | 69.7 | 70.2 |
| ≥ 6000 | 27.5 | 59.4 | 62.4 | 64.9 | 68.7 | 69.2 | 70.1 | 70.6 | 70.6 | 70.8 | 71.0 | 71.1 | 71.4 | 71.4 | 71.6 | 72.1 |
| ≥ 5000 | 28.1 | 61.6 | 64.7 | 67.6 | 72.0 | 72.6 | 73.6 | 74.2 | 74.2 | 74.4 | 74.6 | 74.6 | 75.0 | 75.0 | 75.2 | 75.6 |
| ≥ 4500 | 28.3 | 62.7 | 65.8 | 68.8 | 73.2 | 73.7 | 74.9 | 75.4 | 75.4 | 75.6 | 75.8 | 75.9 | 76.2 | 76.2 | 76.4 | 76.9 |
| ≥ 4000 | 28.4 | 64.4 | 67.7 | 70.8 | 75.4 | 76.0 | 77.3 | 77.8 | 77.9 | 78.0 | 78.2 | 78.3 | 78.6 | 78.6 | 78.8 | 79.3 |
| ≥ 3500 | 28.8 | 65.7 | 69.1 | 72.2 | 77.0 | 77.6 | 79.0 | 79.5 | 79.6 | 79.8 | 80.0 | 80.1 | 80.4 | 80.4 | 80.6 | 81.1 |
| ≥ 3000 | 28.9 | 66.7 | 70.1 | 73.3 | 78.3 | 79.0 | 80.4 | 81.0 | 81.1 | 81.4 | 81.6 | 81.7 | 82.0 | 82.0 | 82.2 | 82.7 |
| ≥ 2500 | 29.0 | 67.1 | 70.7 | 74.3 | 79.6 | 80.4 | 81.9 | 82.5 | 82.6 | 82.9 | 83.1 | 83.2 | 83.5 | 83.5 | 83.7 | 84.2 |
| ≥ 2000 | 29.2 | 68.0 | 72.0 | 75.8 | 81.3 | 82.1 | 83.6 | 84.3 | 84.4 | 84.7 | 84.9 | 85.0 | 85.3 | 85.3 | 85.5 | 86.0 |
| ≥ 1800 | 29.2 | 68.0 | 72.0 | 76.0 | 81.4 | 82.2 | 83.8 | 84.5 | 84.6 | 84.9 | 85.1 | 85.2 | 85.5 | 85.5 | 85.7 | 86.2 |
| ≥ 1500 | 29.2 | 68.1 | 72.3 | 76.3 | 82.1 | 83.0 | 84.7 | 85.5 | 85.6 | 86.0 | 86.2 | 86.3 | 86.6 | 86.6 | 86.8 | 87.3 |
| ≥ 1200 | 29.3 | 68.8 | 73.1 | 77.1 | 82.9 | 83.9 | 85.7 | 86.5 | 86.6 | 86.9 | 87.2 | 87.3 | 87.6 | 87.6 | 87.8 | 88.3 |
| ≥ 1000 | 29.3 | 69.1 | 73.4 | 77.5 | 83.7 | 84.6 | 86.5 | 87.4 | 87.5 | 88.0 | 88.3 | 88.3 | 88.7 | 88.7 | 88.9 | 89.4 |
| ≥ 900 | 29.3 | 69.1 | 73.5 | 77.6 | 84.0 | 84.9 | 86.9 | 87.9 | 88.1 | 88.5 | 88.8 | 88.9 | 89.3 | 89.3 | 89.5 | 89.9 |
| ≥ 800 | 29.4 | 69.3 | 73.8 | 78.0 | 84.5 | 85.4 | 87.5 | 88.6 | 88.7 | 89.3 | 89.6 | 89.7 | 90.0 | 90.0 | 90.2 | 90.7 |
| ≥ 700 | 29.4 | 69.5 | 74.0 | 78.4 | 85.2 | 86.3 | 88.3 | 89.5 | 89.7 | 90.2 | 90.5 | 90.6 | 91.0 | 91.0 | 91.2 | 91.7 |
| ≥ 600 | 29.4 | 69.7 | 74.4 | 78.8 | 85.9 | 87.0 | 89.4 | 90.7 | 90.9 | 91.5 | 91.8 | 91.9 | 92.3 | 92.3 | 92.5 | 92.9 |
| ≥ 500 | 29.4 | 69.7 | 74.5 | 78.9 | 86.2 | 87.3 | 89.9 | 91.5 | 91.7 | 92.4 | 92.8 | 92.9 | 93.3 | 93.3 | 93.5 | 94.0 |
| ≥ 400 | 29.4 | 69.7 | 74.5 | 79.0 | 86.5 | 88.0 | 90.8 | 92.7 | 92.9 | 93.6 | 94.2 | 94.3 | 94.8 | 94.8 | 95.0 | 95.5 |
| ≥ 300 | 29.4 | 69.7 | 74.5 | 79.2 | 86.9 | 88.5 | 91.5 | 93.4 | 93.9 | 94.9 | 95.6 | 95.7 | 96.2 | 96.2 | 96.5 | 97.0 |
| ≥ 200 | 29.4 | 69.7 | 74.6 | 79.3 | 86.9 | 88.6 | 91.7 | 93.6 | 94.2 | 95.2 | 96.1 | 96.2 | 96.7 | 96.7 | 97.0 | 97.5 |
| ≥ 100 | 29.4 | 69.7 | 74.6 | 79.3 | 86.9 | 88.6 | 91.7 | 93.6 | 94.3 | 95.4 | 96.4 | 96.5 | 97.2 | 97.3 | 97.9 | 98.7 |
| ≥ 0 | 29.4 | 69.7 | 74.6 | 79.3 | 86.9 | 88.6 | 91.7 | 93.6 | 94.3 | 95.4 | 96.4 | 96.5 | 97.2 | 97.3 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2496

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500 (HOURS L S T)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅜ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 21.9 | 44.8 | 47.6 | 49.4 | 52.7 | 53.1 | 53.6 | 53.9 | 53.9 | 54.2 | 54.3 | 54.3 | 54.5 | 54.5 | 54.7 | 55.1 |
| ≥ 20000 | 22.7 | 46.6 | 49.6 | 51.5 | 54.9 | 55.3 | 55.9 | 56.1 | 56.1 | 56.4 | 56.5 | 56.5 | 56.7 | 56.7 | 56.9 | 57.3 |
| ≥ 18000 | 22.8 | 46.8 | 49.8 | 51.7 | 55.1 | 55.5 | 56.1 | 56.3 | 56.3 | 56.6 | 56.7 | 56.7 | 56.9 | 56.9 | 57.1 | 57.6 |
| ≥ 16000 | 22.8 | 47.0 | 50.0 | 51.9 | 55.3 | 55.7 | 56.3 | 56.5 | 56.5 | 56.8 | 56.9 | 56.9 | 57.1 | 57.1 | 57.3 | 57.8 |
| ≥ 14000 | 23.0 | 47.6 | 50.8 | 52.7 | 56.2 | 56.5 | 57.1 | 57.4 | 57.4 | 57.7 | 57.8 | 57.8 | 58.0 | 58.0 | 58.2 | 58.6 |
| ≥ 12000 | 23.7 | 49.3 | 52.6 | 54.5 | 58.0 | 58.3 | 59.0 | 59.2 | 59.2 | 59.6 | 59.7 | 59.7 | 59.9 | 59.9 | 60.1 | 60.5 |
| ≥ 10000 | 24.5 | 51.7 | 55.1 | 57.1 | 60.6 | 61.0 | 61.7 | 61.9 | 61.9 | 62.3 | 62.4 | 62.4 | 62.6 | 62.6 | 62.8 | 63.2 |
| ≥ 9000 | 25.1 | 53.1 | 56.5 | 58.6 | 62.2 | 62.6 | 63.3 | 63.5 | 63.5 | 63.9 | 64.0 | 64.0 | 64.1 | 64.2 | 64.3 | 64.8 |
| ≥ 8000 | 25.7 | 55.2 | 58.8 | 61.0 | 64.8 | 65.2 | 65.9 | 66.1 | 66.1 | 66.5 | 66.6 | 66.6 | 66.8 | 66.8 | 67.0 | 67.4 |
| ≥ 7000 | 26.4 | 56.8 | 60.6 | 62.9 | 67.2 | 67.8 | 68.6 | 68.8 | 68.8 | 69.2 | 69.4 | 69.4 | 69.5 | 69.6 | 69.7 | 70.2 |
| ≥ 6000 | 27.7 | 58.4 | 62.5 | 64.9 | 69.5 | 70.0 | 70.9 | 71.2 | 71.2 | 71.6 | 71.8 | 71.8 | 71.9 | 72.0 | 72.1 | 72.6 |
| ≥ 5000 | 27.8 | 61.0 | 65.3 | 67.8 | 73.0 | 73.6 | 74.7 | 75.1 | 75.2 | 75.5 | 75.7 | 75.7 | 75.9 | 75.9 | 76.1 | 76.5 |
| ≥ 4500 | 27.8 | 61.5 | 66.0 | 68.5 | 73.8 | 74.4 | 75.6 | 76.0 | 76.1 | 76.4 | 76.6 | 76.6 | 76.7 | 76.8 | 76.9 | 77.4 |
| ≥ 4000 | 28.0 | 62.4 | 66.9 | 69.6 | 75.1 | 75.7 | 76.9 | 77.4 | 77.5 | 77.8 | 78.0 | 78.0 | 78.2 | 78.2 | 78.4 | 78.8 |
| ≥ 3500 | 28.2 | 62.9 | 67.7 | 70.4 | 76.2 | 76.8 | 78.2 | 78.8 | 78.9 | 79.2 | 79.4 | 79.4 | 79.6 | 79.6 | 79.8 | 80.2 |
| ≥ 3000 | 28.4 | 64.2 | 69.1 | 71.8 | 77.9 | 78.6 | 80.1 | 80.8 | 80.9 | 81.4 | 81.6 | 81.6 | 81.7 | 81.8 | 81.9 | 82.4 |
| ≥ 2500 | 28.6 | 64.8 | 69.6 | 72.5 | 78.7 | 79.6 | 81.1 | 81.8 | 81.9 | 82.4 | 82.6 | 82.6 | 82.8 | 82.8 | 83.0 | 83.5 |
| ≥ 2000 | 28.9 | 66.1 | 71.1 | 74.1 | 80.4 | 81.3 | 82.9 | 83.6 | 83.7 | 84.2 | 84.4 | 84.5 | 84.7 | 84.7 | 84.9 | 85.4 |
| ≥ 1800 | 28.9 | 66.2 | 71.3 | 74.3 | 80.7 | 81.6 | 83.1 | 83.9 | 84.0 | 84.5 | 84.7 | 84.7 | 85.0 | 85.0 | 85.2 | 85.7 |
| ≥ 1500 | 28.9 | 66.5 | 71.6 | 74.7 | 81.2 | 82.2 | 83.8 | 84.6 | 84.7 | 85.1 | 85.4 | 85.4 | 85.7 | 85.7 | 85.9 | 86.3 |
| ≥ 1200 | 29.0 | 66.9 | 72.0 | 75.2 | 81.7 | 82.7 | 84.4 | 85.2 | 85.3 | 85.8 | 86.0 | 86.1 | 86.3 | 86.3 | 86.5 | 87.0 |
| ≥ 1000 | 29.1 | 67.2 | 72.6 | 75.9 | 82.5 | 83.6 | 85.4 | 86.5 | 86.6 | 87.2 | 87.5 | 87.5 | 87.8 | 87.8 | 88.0 | 88.4 |
| ≥ 900 | 29.1 | 67.3 | 72.7 | 76.1 | 82.8 | 83.9 | 85.7 | 86.9 | 87.0 | 87.7 | 87.9 | 88.0 | 88.2 | 88.2 | 88.4 | 88.9 |
| ≥ 800 | 29.1 | 67.6 | 72.9 | 76.4 | 83.2 | 84.4 | 86.2 | 87.4 | 87.6 | 88.4 | 88.6 | 88.7 | 89.0 | 89.0 | 89.2 | 89.7 |
| ≥ 700 | 29.2 | 67.9 | 73.4 | 76.9 | 83.7 | 85.0 | 86.9 | 88.2 | 88.4 | 89.2 | 89.6 | 89.6 | 89.9 | 90.0 | 90.2 | 90.6 |
| ≥ 600 | 29.2 | 68.0 | 73.6 | 77.3 | 84.3 | 85.7 | 87.6 | 89.0 | 89.3 | 90.4 | 90.7 | 90.8 | 91.1 | 91.2 | 91.4 | 91.8 |
| ≥ 500 | 29.2 | 68.2 | 73.8 | 77.7 | 84.8 | 86.3 | 88.4 | 90.0 | 90.5 | 91.7 | 92.1 | 92.2 | 92.6 | 92.7 | 93.0 | 93.5 |
| ≥ 400 | 29.2 | 68.2 | 73.9 | 77.8 | 85.2 | 86.9 | 89.4 | 91.2 | 91.8 | 93.1 | 93.5 | 93.6 | 94.0 | 94.1 | 94.4 | 94.9 |
| ≥ 300 | 29.2 | 68.2 | 73.9 | 77.9 | 85.5 | 87.5 | 90.2 | 92.2 | 92.9 | 94.2 | 94.8 | 94.9 | 95.3 | 95.4 | 95.8 | 96.3 |
| ≥ 200 | 29.2 | 68.2 | 73.9 | 77.9 | 85.5 | 87.5 | 90.4 | 92.6 | 93.3 | 94.8 | 95.6 | 95.8 | 96.5 | 96.6 | 97.1 | 97.6 |
| ≥ 100 | 29.2 | 68.2 | 73.9 | 77.9 | 85.5 | 87.5 | 90.4 | 92.6 | 93.3 | 94.9 | 95.8 | 96.1 | 96.9 | 97.1 | 98.0 | 98.7 |
| ≥ 0 | 29.2 | 68.2 | 73.9 | 77.9 | 85.5 | 87.5 | 90.4 | 92.6 | 93.3 | 94.9 | 95.8 | 96.1 | 96.9 | 97.1 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2490

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45, 50-72 (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 | 18.4 | 37.6 | 40.6 | 42.1 | 44.7 | 45.3 | 46.0 | 46.4 | 46.5 | 46.7 | 46.7 | 46.7 | 47.0 | 47.0 | 47.1 | 47.3 |
| ≥ 20000 | 19.9 | 40.5 | 43.8 | 45.6 | 48.7 | 49.3 | 50.1 | 50.8 | 50.8 | 51.2 | 51.2 | 51.2 | 51.5 | 51.5 | 51.6 | 52.0 |
| ≥ 18000 | 20.0 | 40.7 | 44.0 | 45.8 | 49.0 | 49.5 | 50.4 | 51.0 | 51.0 | 51.4 | 51.5 | 51.5 | 51.8 | 51.8 | 51.9 | 52.2 |
| ≥ 16000 | 20.0 | 41.1 | 44.3 | 46.2 | 49.3 | 49.9 | 50.7 | 51.4 | 51.4 | 51.8 | 51.8 | 51.8 | 52.1 | 52.1 | 52.2 | 52.6 |
| ≥ 14000 | 20.4 | 41.8 | 45.2 | 47.2 | 50.3 | 50.9 | 51.8 | 52.5 | 52.5 | 52.9 | 53.0 | 53.0 | 53.2 | 53.2 | 53.4 | 53.7 |
| ≥ 12000 | 21.0 | 44.0 | 47.6 | 50.0 | 53.1 | 53.7 | 54.7 | 55.4 | 55.4 | 55.8 | 55.9 | 55.9 | 56.2 | 56.2 | 56.3 | 56.6 |
| ≥ 10000 | 22.2 | 47.0 | 50.8 | 53.4 | 56.9 | 57.5 | 58.5 | 59.4 | 59.4 | 59.8 | 59.9 | 59.9 | 60.2 | 60.2 | 60.3 | 60.6 |
| ≥ 9000 | 23.0 | 48.9 | 53.0 | 55.6 | 59.2 | 59.8 | 60.8 | 61.7 | 61.7 | 62.1 | 62.2 | 62.2 | 62.5 | 62.5 | 62.7 | 63.0 |
| ≥ 8000 | 23.7 | 51.0 | 55.5 | 58.5 | 62.4 | 63.1 | 64.2 | 65.1 | 65.2 | 65.6 | 65.8 | 65.8 | 66.1 | 66.1 | 66.2 | 66.5 |
| ≥ 7000 | 24.5 | 52.9 | 57.9 | 61.1 | 65.4 | 66.2 | 67.5 | 68.4 | 68.5 | 68.9 | 69.1 | 69.1 | 69.4 | 69.4 | 69.6 | 70.0 |
| ≥ 6000 | 24.9 | 54.0 | 59.1 | 62.3 | 66.9 | 67.7 | 69.0 | 70.0 | 70.1 | 70.5 | 70.8 | 70.8 | 71.1 | 71.1 | 71.2 | 71.5 |
| ≥ 5000 | 25.7 | 56.4 | 61.7 | 65.1 | 70.2 | 71.1 | 72.6 | 73.6 | 73.7 | 74.1 | 74.5 | 74.5 | 74.8 | 74.8 | 74.9 | 75.3 |
| ≥ 4500 | 26.0 | 57.2 | 62.5 | 66.1 | 71.2 | 72.1 | 73.5 | 74.6 | 74.7 | 75.1 | 75.5 | 75.5 | 75.8 | 75.8 | 76.0 | 76.4 |
| ≥ 4000 | 26.2 | 58.0 | 63.5 | 67.1 | 72.3 | 73.3 | 75.0 | 76.1 | 76.2 | 76.6 | 77.0 | 77.0 | 77.4 | 77.4 | 77.5 | 78.0 |
| ≥ 3500 | 26.3 | 59.2 | 64.7 | 68.3 | 73.8 | 74.9 | 76.7 | 77.9 | 78.0 | 78.4 | 78.9 | 78.9 | 79.4 | 79.4 | 79.5 | 80.0 |
| ≥ 3000 | 26.3 | 59.6 | 65.3 | 69.1 | 74.4 | 75.6 | 77.6 | 78.8 | 79.0 | 79.5 | 80.0 | 80.0 | 80.4 | 80.4 | 80.6 | 81.0 |
| ≥ 2500 | 26.3 | 60.0 | 65.9 | 69.7 | 75.4 | 76.6 | 78.6 | 80.0 | 80.2 | 80.7 | 81.3 | 81.3 | 81.8 | 81.8 | 81.9 | 82.3 |
| ≥ 2000 | 26.4 | 60.7 | 66.8 | 70.8 | 76.9 | 78.1 | 80.3 | 81.7 | 81.8 | 82.5 | 83.1 | 83.1 | 83.7 | 83.7 | 83.8 | 84.2 |
| ≥ 1800 | 26.4 | 60.9 | 67.0 | 71.0 | 77.2 | 78.4 | 80.6 | 82.0 | 82.2 | 82.9 | 83.5 | 83.5 | 84.1 | 84.1 | 84.2 | 84.6 |
| ≥ 1500 | 26.6 | 61.5 | 67.6 | 71.7 | 77.9 | 79.2 | 81.5 | 82.9 | 83.1 | 83.9 | 84.7 | 84.7 | 85.3 | 85.3 | 85.4 | 85.9 |
| ≥ 1200 | 26.6 | 61.9 | 68.0 | 72.1 | 78.4 | 79.6 | 82.0 | 83.4 | 83.6 | 84.5 | 85.3 | 85.3 | 85.9 | 85.9 | 86.0 | 86.5 |
| ≥ 1000 | 26.7 | 62.3 | 68.6 | 72.8 | 79.4 | 80.8 | 83.3 | 84.8 | 85.0 | 86.0 | 86.9 | 86.9 | 87.5 | 87.5 | 87.6 | 88.1 |
| ≥ 900 | 26.7 | 62.4 | 68.7 | 73.1 | 79.8 | 81.2 | 83.6 | 85.2 | 85.4 | 86.5 | 87.3 | 87.3 | 87.9 | 87.9 | 88.1 | 88.5 |
| ≥ 800 | 26.7 | 62.6 | 68.9 | 73.4 | 80.2 | 81.7 | 84.1 | 85.7 | 86.0 | 87.2 | 88.2 | 88.2 | 88.9 | 88.9 | 89.0 | 89.5 |
| ≥ 700 | 26.7 | 62.8 | 69.1 | 73.6 | 80.5 | 82.1 | 84.6 | 86.3 | 86.7 | 87.9 | 88.9 | 88.9 | 89.7 | 89.7 | 89.8 | 90.3 |
| ≥ 600 | 26.7 | 63.2 | 69.6 | 74.3 | 81.3 | 82.8 | 85.5 | 87.3 | 87.6 | 88.9 | 89.9 | 89.9 | 90.7 | 90.7 | 90.9 | 91.3 |
| ≥ 500 | 26.7 | 63.4 | 69.9 | 74.8 | 82.1 | 83.7 | 86.7 | 88.6 | 88.9 | 90.3 | 91.5 | 91.5 | 92.4 | 92.4 | 92.6 | 93.0 |
| ≥ 400 | 26.7 | 63.4 | 70.0 | 75.0 | 82.7 | 84.3 | 87.5 | 89.9 | 90.2 | 91.9 | 93.0 | 93.1 | 94.1 | 94.1 | 94.3 | 94.8 |
| ≥ 300 | 26.7 | 63.4 | 70.0 | 75.0 | 82.8 | 84.6 | 87.9 | 90.4 | 90.9 | 92.7 | 94.0 | 94.1 | 95.3 | 95.4 | 95.6 | 96.2 |
| ≥ 200 | 26.7 | 63.5 | 70.0 | 75.0 | 82.9 | 84.8 | 88.2 | 90.8 | 91.5 | 93.5 | 94.8 | 95.0 | 96.2 | 96.4 | 96.8 | 97.6 |
| ≥ 100 | 26.7 | 63.5 | 70.0 | 75.0 | 82.9 | 84.8 | 88.3 | 90.9 | 91.5 | 93.6 | 95.1 | 95.3 | 96.7 | 97.0 | 97.6 | 98.7 |
| ≥ 0 | 26.7 | 63.5 | 70.0 | 75.0 | 82.9 | 84.8 | 88.3 | 90.9 | 91.5 | 93.6 | 95.1 | 95.3 | 96.8 | 97.1 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2496

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

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3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (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 | 20.6 | 38.2 | 40.3 | 41.9 | 43.0 | 43.5 | 43.9 | 44.4 | 44.4 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 |
| ≥ 20000 | 22.9 | 43.8 | 46.4 | 48.4 | 50.0 | 50.5 | 51.2 | 51.8 | 51.8 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| ≥ 18000 | 23.2 | 44.4 | 47.0 | 49.0 | 50.6 | 51.1 | 51.8 | 52.4 | 52.4 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 53.0 |
| ≥ 16000 | 23.2 | 44.6 | 47.2 | 49.2 | 50.8 | 51.3 | 52.0 | 52.6 | 52.6 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.2 |
| ≥ 14000 | 23.4 | 45.7 | 48.5 | 50.7 | 52.3 | 52.8 | 53.6 | 54.2 | 54.2 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.8 |
| ≥ 12000 | 24.5 | 48.0 | 51.1 | 53.5 | 55.1 | 55.6 | 56.5 | 57.1 | 57.1 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.7 |
| ≥ 10000 | 25.4 | 51.0 | 54.3 | 57.0 | 58.9 | 59.4 | 60.4 | 61.1 | 61.1 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.7 |
| ≥ 9000 | 25.9 | 52.6 | 56.0 | 58.8 | 60.8 | 61.4 | 62.5 | 63.2 | 63.2 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 | 63.8 |
| ≥ 8000 | 26.4 | 54.6 | 58.4 | 61.4 | 63.8 | 64.4 | 65.6 | 66.3 | 66.4 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 67.1 |
| ≥ 7000 | 26.8 | 56.2 | 60.1 | 63.2 | 65.9 | 66.6 | 67.9 | 68.6 | 68.7 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.5 |
| ≥ 6000 | 27.2 | 57.4 | 61.4 | 64.6 | 67.4 | 68.1 | 69.5 | 70.4 | 70.4 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 71.2 |
| ≥ 5000 | 27.6 | 58.8 | 63.2 | 66.7 | 69.7 | 70.4 | 71.8 | 72.7 | 72.8 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 | 73.6 |
| ≥ 4500 | 27.8 | 59.4 | 64.0 | 67.6 | 70.6 | 71.5 | 72.9 | 73.9 | 74.0 | 74.4 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.8 |
| ≥ 4000 | 28.2 | 61.0 | 66.0 | 69.8 | 73.0 | 74.0 | 75.6 | 76.6 | 76.7 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.6 |
| ≥ 3500 | 28.8 | 62.2 | 67.4 | 71.3 | 74.7 | 75.8 | 77.5 | 78.6 | 78.8 | 79.3 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 | 79.8 |
| ≥ 3000 | 29.0 | 63.0 | 68.4 | 72.5 | 76.1 | 77.3 | 79.0 | 80.3 | 80.5 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.7 |
| ≥ 2500 | 29.0 | 63.4 | 69.1 | 73.4 | 77.2 | 78.3 | 80.2 | 81.6 | 81.8 | 82.4 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 83.0 |
| ≥ 2000 | 29.2 | 63.9 | 69.6 | 74.1 | 78.0 | 79.2 | 81.3 | 82.7 | 82.9 | 83.6 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.3 |
| ≥ 1800 | 29.2 | 64.0 | 69.7 | 74.2 | 78.1 | 79.5 | 81.6 | 83.0 | 83.2 | 83.9 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.6 |
| ≥ 1500 | 29.4 | 64.4 | 70.2 | 74.9 | 78.9 | 80.2 | 82.6 | 84.0 | 84.2 | 85.0 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.8 |
| ≥ 1200 | 29.4 | 65.0 | 70.8 | 75.6 | 79.8 | 81.1 | 83.5 | 85.1 | 85.3 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 | 87.0 |
| ≥ 1000 | 29.4 | 65.2 | 71.2 | 76.1 | 80.5 | 82.0 | 84.4 | 86.2 | 86.4 | 87.4 | 87.9 | 88.0 | 88.0 | 88.0 | 88.1 | 88.4 |
| ≥ 900 | 29.4 | 65.4 | 71.4 | 76.4 | 80.8 | 82.4 | 84.9 | 86.8 | 87.0 | 88.1 | 88.6 | 88.7 | 88.8 | 88.8 | 88.9 | 89.2 |
| ≥ 800 | 29.4 | 65.4 | 71.4 | 76.5 | 81.0 | 82.6 | 85.2 | 87.1 | 87.4 | 88.5 | 89.0 | 89.1 | 89.2 | 89.3 | 89.4 | 89.6 |
| ≥ 700 | 29.4 | 65.7 | 71.8 | 76.9 | 81.6 | 83.3 | 86.0 | 87.8 | 88.1 | 89.4 | 89.9 | 90.0 | 90.2 | 90.3 | 90.4 | 90.7 |
| ≥ 600 | 29.4 | 65.9 | 72.2 | 77.6 | 82.4 | 84.2 | 87.0 | 89.1 | 89.3 | 90.8 | 91.4 | 91.5 | 91.8 | 91.8 | 92.0 | 92.3 |
| ≥ 500 | 29.4 | 66.1 | 72.6 | 78.2 | 83.1 | 84.9 | 88.1 | 90.3 | 90.5 | 92.1 | 92.7 | 92.9 | 93.3 | 93.4 | 93.6 | 93.8 |
| ≥ 400 | 29.4 | 66.2 | 72.7 | 78.4 | 83.3 | 85.2 | 88.5 | 91.0 | 91.3 | 93.0 | 93.7 | 93.9 | 94.4 | 94.5 | 94.8 | 95.1 |
| ≥ 300 | 29.4 | 66.2 | 72.8 | 78.6 | 83.6 | 85.6 | 88.9 | 91.7 | 92.2 | 94.0 | 94.8 | 95.0 | 95.6 | 95.8 | 96.1 | 96.6 |
| ≥ 200 | 29.4 | 66.2 | 72.8 | 78.6 | 83.6 | 85.6 | 89.1 | 91.9 | 92.6 | 94.5 | 95.5 | 95.8 | 96.6 | 97.1 | 97.5 | 98.1 |
| ≥ 100 | 29.4 | 66.2 | 72.8 | 78.6 | 83.6 | 85.6 | 89.1 | 92.0 | 92.7 | 94.9 | 96.0 | 96.3 | 97.3 | 97.9 | 98.4 | 99.2 |
| 0 | 29.4 | 66.2 | 72.8 | 78.6 | 83.6 | 85.6 | 89.1 | 92.0 | 92.7 | 94.9 | 96.0 | 96.3 | 97.3 | 97.9 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2500

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (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 | 23.7 | 39.3 | 40.9 | 41.9 | 42.8 | 43.0 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 20000 | 26.9 | 45.6 | 47.9 | 49.0 | 50.3 | 50.5 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 18000 | 27.0 | 45.9 | 48.1 | 49.3 | 50.6 | 50.8 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 16000 | 27.1 | 46.1 | 48.4 | 49.6 | 50.9 | 51.1 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 14000 | 27.4 | 47.8 | 50.2 | 51.3 | 52.7 | 52.9 | 53.3 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 12000 | 28.4 | 50.1 | 52.6 | 53.9 | 55.3 | 55.5 | 55.9 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 10000 | 29.7 | 53.4 | 56.1 | 57.7 | 59.2 | 59.5 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 |
| ≥ 9000 | 30.3 | 54.8 | 57.6 | 59.2 | 60.8 | 61.1 | 61.6 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 8000 | 30.8 | 57.0 | 60.1 | 62.1 | 63.8 | 64.1 | 64.7 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 |
| ≥ 7000 | 31.1 | 58.3 | 61.6 | 63.7 | 65.7 | 66.0 | 66.9 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.6 |
| ≥ 6000 | 31.3 | 58.9 | 62.5 | 64.7 | 66.8 | 67.1 | 68.1 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 |
| ≥ 5000 | 31.6 | 60.6 | 64.6 | 66.9 | 69.3 | 69.7 | 70.7 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 |
| ≥ 4500 | 32.0 | 62.1 | 66.1 | 68.7 | 71.2 | 71.6 | 72.6 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥ 4000 | 32.9 | 64.5 | 68.9 | 71.6 | 74.3 | 74.8 | 75.8 | 76.4 | 76.4 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 3500 | 33.7 | 66.0 | 70.8 | 73.0 | 76.7 | 77.2 | 78.3 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 |
| ≥ 3000 | 34.2 | 67.4 | 72.5 | 75.6 | 78.6 | 79.2 | 80.2 | 80.8 | 80.9 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 |
| ≥ 2500 | 34.3 | 68.4 | 73.6 | 76.8 | 79.8 | 80.4 | 81.6 | 82.2 | 82.3 | 82.4 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 |
| ≥ 2000 | 34.5 | 69.5 | 74.8 | 78.2 | 81.5 | 82.2 | 83.6 | 84.2 | 84.4 | 84.5 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 |
| ≥ 1800 | 34.6 | 69.7 | 75.0 | 78.4 | 81.7 | 82.5 | 83.9 | 84.6 | 84.7 | 84.8 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 |
| ≥ 1500 | 34.7 | 70.1 | 75.5 | 79.1 | 82.4 | 83.3 | 84.7 | 85.5 | 85.7 | 85.9 | 86.0 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 |
| ≥ 1200 | 34.7 | 70.8 | 76.5 | 80.2 | 83.6 | 84.6 | 86.1 | 87.1 | 87.3 | 87.6 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 |
| ≥ 1000 | 34.7 | 71.2 | 77.1 | 80.9 | 84.6 | 85.8 | 87.3 | 88.4 | 88.8 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 | 89.5 | 89.6 |
| ≥ 900 | 34.7 | 71.4 | 77.4 | 81.4 | 85.1 | 86.4 | 88.0 | 89.0 | 89.4 | 89.8 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.4 |
| ≥ 800 | 34.7 | 71.4 | 77.5 | 81.5 | 85.4 | 86.8 | 88.6 | 89.9 | 90.2 | 90.8 | 91.0 | 91.2 | 91.3 | 91.4 | 91.4 | 91.5 |
| ≥ 700 | 34.7 | 71.6 | 77.7 | 81.9 | 86.1 | 87.6 | 89.6 | 91.0 | 91.4 | 92.0 | 92.2 | 92.4 | 92.5 | 92.6 | 92.6 | 92.7 |
| ≥ 600 | 34.7 | 71.7 | 77.9 | 82.4 | 86.8 | 88.3 | 90.4 | 91.9 | 92.3 | 93.0 | 93.3 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 |
| ≥ 500 | 34.7 | 71.9 | 78.1 | 82.8 | 87.5 | 89.1 | 91.4 | 93.1 | 93.6 | 94.6 | 95.0 | 95.1 | 95.4 | 95.4 | 95.5 | 95.6 |
| ≥ 400 | 34.7 | 71.9 | 78.1 | 82.9 | 87.6 | 89.3 | 91.6 | 93.4 | 93.9 | 95.0 | 95.6 | 95.8 | 96.0 | 96.1 | 96.2 | 96.2 |
| ≥ 300 | 34.7 | 71.9 | 78.2 | 83.0 | 87.7 | 89.4 | 91.8 | 93.6 | 94.4 | 95.6 | 96.3 | 96.5 | 97.1 | 97.2 | 97.4 | 97.4 |
| < 200 | 34.7 | 71.9 | 78.2 | 83.0 | 87.7 | 89.4 | 91.8 | 93.8 | 94.7 | 96.1 | 97.0 | 97.3 | 98.0 | 98.3 | 98.5 | 98.7 |
| ≥ 100 | 34.7 | 71.9 | 78.2 | 83.0 | 87.7 | 89.4 | 91.8 | 93.8 | 94.7 | 96.2 | 97.3 | 97.6 | 98.5 | 98.8 | 99.1 | 99.4 |
| ≥ 0 | 34.7 | 71.9 | 78.2 | 83.0 | 87.7 | 89.4 | 91.8 | 93.8 | 94.7 | 96.2 | 97.3 | 97.6 | 98.7 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2501

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (MONTH)

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

1500-1700 (HOURS IST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 25.1 | 41.8 | 43.7 | 44.7 | 45.7 | 45.9 | 46.1 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 | 46.2 |
| ≥ 20000 | 27.0 | 46.4 | 48.7 | 49.9 | 51.1 | 51.3 | 51.5 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 18000 | 27.1 | 46.5 | 48.9 | 50.1 | 51.3 | 51.5 | 51.7 | 51.8 | 51.8 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 |
| ≥ 16000 | 27.2 | 46.9 | 49.3 | 50.5 | 51.7 | 51.9 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 14000 | 27.7 | 48.0 | 50.6 | 52.0 | 53.5 | 53.8 | 54.1 | 54.2 | 54.2 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 12000 | 28.6 | 50.0 | 53.0 | 54.7 | 56.2 | 56.6 | 56.9 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 10000 | 29.9 | 53.3 | 56.5 | 58.5 | 60.2 | 60.6 | 61.0 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 9000 | 30.3 | 54.5 | 58.0 | 60.0 | 61.8 | 62.2 | 62.5 | 62.6 | 62.6 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 8000 | 30.8 | 55.8 | 59.5 | 61.7 | 63.5 | 64.0 | 64.4 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 7000 | 31.2 | 56.2 | 62.2 | 64.8 | 66.7 | 67.2 | 67.7 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 6000 | 31.6 | 59.5 | 63.6 | 66.3 | 68.5 | 69.0 | 69.6 | 69.8 | 69.8 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 5000 | 32.1 | 61.3 | 65.8 | 68.5 | 70.8 | 71.4 | 72.1 | 72.4 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 4500 | 32.3 | 61.8 | 66.4 | 69.4 | 72.0 | 72.5 | 73.2 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 4000 | 32.7 | 64.0 | 69.0 | 72.2 | 74.8 | 75.3 | 76.1 | 76.5 | 76.5 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 3500 | 33.4 | 65.8 | 71.1 | 74.4 | 77.1 | 77.7 | 78.6 | 78.9 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 3000 | 33.8 | 67.0 | 72.6 | 76.2 | 78.9 | 79.5 | 80.4 | 80.8 | 81.0 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 2500 | 33.9 | 67.9 | 73.6 | 77.4 | 80.2 | 81.0 | 82.0 | 82.4 | 82.6 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2000 | 34.1 | 68.6 | 74.7 | 78.6 | 81.7 | 82.6 | 83.9 | 84.4 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 1800 | 34.1 | 68.8 | 75.0 | 79.0 | 82.2 | 83.1 | 84.5 | 85.0 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 1500 | 34.2 | 69.3 | 75.7 | 79.8 | 83.3 | 84.2 | 85.8 | 86.4 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 1200 | 34.2 | 69.5 | 76.1 | 80.4 | 84.0 | 85.0 | 86.7 | 87.3 | 87.5 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1000 | 34.2 | 69.9 | 76.7 | 81.2 | 85.1 | 86.1 | 87.9 | 88.7 | 89.0 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 900 | 34.2 | 69.9 | 76.9 | 81.4 | 85.3 | 86.4 | 88.3 | 89.2 | 89.5 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 800 | 34.2 | 70.0 | 77.1 | 81.7 | 85.7 | 86.9 | 88.9 | 89.9 | 90.3 | 90.8 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 700 | 34.2 | 70.2 | 77.3 | 81.9 | 85.9 | 87.3 | 89.4 | 90.5 | 90.9 | 91.5 | 91.7 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 600 | 34.2 | 70.3 | 77.5 | 82.3 | 86.3 | 87.7 | 90.1 | 91.3 | 91.7 | 92.3 | 92.6 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 500 | 34.2 | 70.5 | 77.8 | 82.7 | 87.0 | 88.5 | 91.0 | 92.4 | 92.7 | 93.5 | 93.9 | 94.1 | 94.4 | 94.4 | 94.4 | 94.5 |
| ≥ 400 | 34.2 | 70.5 | 77.9 | 83.1 | 87.4 | 89.0 | 91.8 | 93.2 | 93.6 | 94.4 | 95.0 | 95.2 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 300 | 34.2 | 70.5 | 78.0 | 83.2 | 87.5 | 89.2 | 92.2 | 93.9 | 94.4 | 95.5 | 96.2 | 96.4 | 97.0 | 97.0 | 97.4 | 97.5 |
| ≥ 200 | 34.2 | 70.5 | 78.0 | 83.2 | 87.5 | 89.2 | 92.2 | 93.9 | 94.4 | 95.7 | 96.6 | 96.9 | 97.7 | 97.7 | 98.2 | 98.4 |
| ≥ 100 | 34.2 | 70.5 | 78.0 | 83.2 | 87.5 | 89.2 | 92.2 | 93.9 | 94.4 | 95.7 | 96.6 | 96.9 | 97.9 | 98.0 | 98.8 | 99.2 |
| ≥ 0 | 34.2 | 70.5 | 78.0 | 83.2 | 87.5 | 89.2 | 92.2 | 93.9 | 94.4 | 95.7 | 96.6 | 96.9 | 98.1 | 98.2 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2503

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (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 | 23.5 | 44.4 | 46.5 | 47.8 | 50.0 | 50.3 | 50.8 | 50.9 | 50.9 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 20000 | 24.8 | 47.6 | 49.9 | 51.4 | 53.8 | 54.1 | 54.8 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 18000 | 24.8 | 47.7 | 50.0 | 51.6 | 53.9 | 54.3 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 16000 | 24.9 | 48.1 | 50.4 | 52.0 | 54.4 | 54.7 | 55.3 | 55.5 | 55.5 | 55.7 | 55.7 | 55.7 | 55.8 | 55.8 | 55.8 | 55.8 |
| ≥ 14000 | 25.1 | 49.1 | 51.5 | 53.3 | 55.7 | 56.0 | 56.6 | 56.8 | 56.8 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 |
| ≥ 12000 | 25.9 | 50.8 | 53.5 | 55.3 | 57.9 | 58.3 | 58.9 | 59.1 | 59.1 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 10000 | 26.9 | 53.5 | 56.4 | 58.6 | 61.3 | 61.6 | 62.3 | 62.5 | 62.5 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 9000 | 27.6 | 55.1 | 58.2 | 60.4 | 63.1 | 63.5 | 64.1 | 64.3 | 64.4 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 8000 | 28.4 | 57.1 | 60.4 | 62.8 | 65.6 | 66.0 | 66.6 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 |
| ≥ 7000 | 28.7 | 58.5 | 62.2 | 64.7 | 67.7 | 68.2 | 68.9 | 69.1 | 69.2 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 |
| ≥ 6000 | 29.1 | 60.3 | 64.0 | 66.7 | 70.0 | 70.5 | 71.3 | 71.5 | 71.5 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 5000 | 29.3 | 62.3 | 66.3 | 69.4 | 72.9 | 73.3 | 74.4 | 74.7 | 74.7 | 75.0 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 4500 | 29.3 | 63.0 | 67.1 | 70.2 | 73.8 | 74.3 | 75.3 | 75.7 | 75.8 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 |
| ≥ 4000 | 29.6 | 64.9 | 69.2 | 72.5 | 76.2 | 76.8 | 78.1 | 78.4 | 78.5 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 |
| ≥ 3500 | 29.8 | 66.1 | 70.5 | 74.2 | 77.9 | 78.5 | 79.9 | 80.2 | 80.3 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 |
| ≥ 3000 | 29.9 | 66.9 | 71.7 | 75.4 | 79.5 | 80.1 | 81.6 | 82.0 | 82.0 | 82.4 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 2500 | 30.0 | 67.4 | 72.3 | 76.2 | 80.4 | 81.0 | 82.5 | 83.0 | 83.1 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 |
| ≥ 2000 | 30.1 | 68.0 | 73.1 | 77.5 | 81.9 | 82.5 | 84.1 | 84.3 | 84.7 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 |
| ≥ 1800 | 30.1 | 68.1 | 73.1 | 77.6 | 82.1 | 82.7 | 84.3 | 84.8 | 84.9 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.6 |
| ≥ 1500 | 30.1 | 68.4 | 73.6 | 78.2 | 83.0 | 83.8 | 85.5 | 86.2 | 86.3 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.1 |
| ≥ 1200 | 30.2 | 68.9 | 74.3 | 79.1 | 84.1 | 84.9 | 86.7 | 87.4 | 87.6 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.4 |
| ≥ 1000 | 30.2 | 69.1 | 74.5 | 79.6 | 85.0 | 85.8 | 87.7 | 88.6 | 88.8 | 89.5 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 900 | 30.2 | 69.3 | 74.7 | 79.9 | 85.2 | 86.1 | 88.0 | 89.1 | 89.3 | 89.9 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 |
| ≥ 800 | 30.2 | 69.3 | 74.8 | 80.1 | 85.6 | 86.5 | 88.4 | 89.6 | 89.9 | 90.6 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 91.0 |
| ≥ 700 | 30.2 | 69.4 | 74.9 | 80.2 | 85.8 | 86.8 | 88.7 | 90.0 | 90.3 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 |
| ≥ 600 | 30.2 | 69.4 | 75.2 | 80.7 | 86.4 | 87.4 | 89.4 | 90.7 | 91.0 | 91.9 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 500 | 30.2 | 69.5 | 75.3 | 80.9 | 87.0 | 88.3 | 90.6 | 91.9 | 92.2 | 93.4 | 93.6 | 93.7 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 400 | 30.2 | 69.5 | 75.4 | 81.2 | 87.4 | 88.7 | 91.3 | 92.8 | 93.1 | 94.3 | 94.6 | 94.7 | 94.9 | 94.9 | 95.0 | 95.0 |
| ≥ 300 | 30.2 | 69.6 | 75.5 | 81.3 | 87.7 | 89.1 | 91.9 | 93.6 | 94.1 | 95.5 | 95.9 | 96.1 | 96.3 | 96.4 | 96.5 | 96.6 |
| ≥ 200 | 30.2 | 69.6 | 75.5 | 81.3 | 87.7 | 89.3 | 92.4 | 94.3 | 94.9 | 96.5 | 97.0 | 97.3 | 97.7 | 97.7 | 97.9 | 98.1 |
| ≥ 100 | 30.2 | 69.6 | 75.5 | 81.3 | 87.7 | 89.3 | 92.4 | 94.4 | 94.9 | 96.6 | 97.3 | 97.6 | 98.1 | 98.2 | 98.6 | 99.2 |
| ≥ 0 | 30.2 | 69.6 | 75.5 | 81.3 | 87.7 | 89.3 | 92.4 | 94.4 | 94.9 | 96.6 | 97.3 | 97.7 | 98.1 | 98.3 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2484

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-49,50-72 (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 | 22.8 | 45.4 | 47.0 | 48.1 | 50.8 | 51.1 | 51.6 | 51.9 | 51.9 | 52.1 | 52.1 | 52.1 | 52.2 | 52.2 | 52.3 | 52.6 |
| ≥ 20000 | 24.1 | 47.9 | 50.1 | 51.4 | 54.1 | 54.5 | 55.0 | 55.2 | 55.3 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 56.1 |
| ≥ 18000 | 24.2 | 48.3 | 50.4 | 51.8 | 54.5 | 54.8 | 55.4 | 55.6 | 55.7 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 | 56.5 |
| ≥ 16000 | 24.2 | 48.4 | 50.6 | 52.0 | 54.7 | 55.0 | 55.6 | 55.8 | 55.9 | 56.1 | 56.1 | 56.2 | 56.3 | 56.3 | 56.4 | 56.7 |
| ≥ 14000 | 24.4 | 49.4 | 51.6 | 53.0 | 55.8 | 56.1 | 56.7 | 56.9 | 57.0 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 | 57.5 | 57.9 |
| ≥ 12000 | 24.8 | 50.6 | 53.1 | 54.6 | 57.4 | 57.8 | 58.4 | 58.6 | 58.7 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.2 | 59.5 |
| ≥ 10000 | 25.7 | 52.6 | 55.2 | 56.8 | 59.7 | 60.0 | 60.6 | 60.9 | 61.0 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.4 | 61.8 |
| ≥ 9000 | 26.1 | 53.6 | 56.4 | 58.1 | 61.0 | 61.4 | 62.0 | 62.2 | 62.3 | 62.6 | 62.6 | 62.7 | 62.8 | 62.8 | 62.9 | 63.2 |
| ≥ 8000 | 27.2 | 56.3 | 59.1 | 61.0 | 64.2 | 64.5 | 65.1 | 65.4 | 65.5 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 | 66.0 | 66.4 |
| ≥ 7000 | 27.9 | 58.0 | 61.3 | 63.5 | 67.1 | 67.5 | 68.1 | 68.4 | 68.5 | 68.8 | 68.8 | 68.9 | 69.0 | 69.0 | 69.1 | 69.6 |
| ≥ 6000 | 28.2 | 59.1 | 62.6 | 64.8 | 68.6 | 69.2 | 69.8 | 70.0 | 70.2 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.8 | 71.3 |
| ≥ 5000 | 28.7 | 61.4 | 65.0 | 67.6 | 71.9 | 72.5 | 73.3 | 73.6 | 73.7 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.4 | 74.9 |
| ≥ 4500 | 28.7 | 61.9 | 65.5 | 68.3 | 72.7 | 73.3 | 74.2 | 74.6 | 74.7 | 75.0 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.9 |
| ≥ 4000 | 29.2 | 64.3 | 68.2 | 70.9 | 75.4 | 76.0 | 77.1 | 77.4 | 77.6 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.3 | 78.7 |
| ≥ 3500 | 29.4 | 64.9 | 69.0 | 72.0 | 76.7 | 77.2 | 78.3 | 78.7 | 78.9 | 79.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.6 | 80.0 |
| ≥ 3000 | 29.6 | 66.3 | 70.5 | 73.6 | 78.5 | 79.1 | 80.3 | 80.8 | 81.0 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 81.7 | 82.2 |
| ≥ 2500 | 29.7 | 66.9 | 71.2 | 74.6 | 79.6 | 80.2 | 81.5 | 82.1 | 82.3 | 82.6 | 82.7 | 82.8 | 82.9 | 82.9 | 83.0 | 83.5 |
| ≥ 2000 | 29.8 | 67.7 | 72.2 | 76.1 | 81.3 | 81.9 | 83.6 | 84.2 | 84.5 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 | 85.7 |
| ≥ 1800 | 29.8 | 67.8 | 72.3 | 76.2 | 81.5 | 82.1 | 83.8 | 84.4 | 84.7 | 85.0 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.9 |
| ≥ 1500 | 29.8 | 68.2 | 72.7 | 76.8 | 82.4 | 83.1 | 84.8 | 85.6 | 85.8 | 86.2 | 86.3 | 86.4 | 86.5 | 86.5 | 86.7 | 87.1 |
| ≥ 1200 | 29.8 | 68.6 | 73.4 | 77.4 | 83.1 | 83.8 | 85.5 | 86.2 | 86.5 | 86.9 | 87.0 | 87.1 | 87.2 | 87.2 | 87.3 | 87.8 |
| ≥ 1000 | 29.8 | 68.8 | 73.7 | 77.9 | 84.0 | 84.6 | 86.5 | 87.3 | 87.7 | 88.1 | 88.2 | 88.3 | 88.4 | 88.4 | 88.5 | 89.0 |
| ≥ 900 | 29.8 | 68.9 | 73.9 | 78.1 | 84.2 | 84.9 | 86.8 | 87.7 | 88.0 | 88.5 | 88.7 | 88.7 | 88.8 | 88.8 | 89.0 | 89.4 |
| ≥ 800 | 29.8 | 69.1 | 74.1 | 78.5 | 84.6 | 85.4 | 87.4 | 88.5 | 88.9 | 89.4 | 89.5 | 89.6 | 89.7 | 89.7 | 89.9 | 90.3 |
| ≥ 700 | 29.8 | 69.2 | 74.4 | 79.0 | 85.2 | 86.0 | 88.0 | 89.1 | 89.5 | 90.0 | 90.1 | 90.2 | 90.3 | 90.4 | 90.6 | 91.0 |
| ≥ 600 | 29.8 | 69.2 | 74.5 | 79.2 | 85.6 | 86.8 | 89.0 | 90.3 | 90.8 | 91.4 | 91.5 | 91.6 | 91.7 | 91.8 | 91.9 | 92.4 |
| ≥ 500 | 29.8 | 69.4 | 74.7 | 79.5 | 86.3 | 87.6 | 90.0 | 91.6 | 92.1 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 | 93.4 | 93.8 |
| ≥ 400 | 29.8 | 69.4 | 74.9 | 79.9 | 86.8 | 88.1 | 90.8 | 92.6 | 93.2 | 94.0 | 94.1 | 94.3 | 94.4 | 94.5 | 94.7 | 95.1 |
| ≥ 300 | 29.8 | 69.5 | 74.9 | 80.0 | 87.0 | 88.4 | 91.2 | 93.2 | 93.8 | 94.6 | 94.9 | 95.2 | 95.3 | 95.4 | 95.6 | 96.1 |
| ≥ 200 | 29.8 | 69.5 | 74.9 | 80.1 | 87.2 | 88.7 | 91.7 | 94.0 | 94.7 | 95.7 | 96.1 | 96.5 | 96.7 | 96.7 | 96.9 | 97.5 |
| ≥ 100 | 29.8 | 69.5 | 74.9 | 80.1 | 87.2 | 88.7 | 91.7 | 94.3 | 95.0 | 96.1 | 96.6 | 96.9 | 97.3 | 97.5 | 98.0 | 98.7 |
| ≥ 0 | 29.8 | 69.5 | 74.9 | 80.1 | 87.2 | 88.7 | 91.7 | 94.3 | 95.0 | 96.1 | 96.6 | 96.9 | 97.3 | 97.5 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2487

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

## SKY COVER SUMMARY

Due to the reporting of total cloud amount in GWC tapes for airways hourly observations Jan 71 and later; clear, scattered, broken, overcast, partial and obscured are converted to 0, 3, 9, 10, 9 and 10 tenths. The sky cover summary for this station is limited to the period of record through Dec 70.

# PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS | TENTHS |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |



S74 29965

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DUVER AFB DELAWARE (STATION NAME) 46,50-70 (PERIOD) ALL (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 | 25.2 | 4.3 | 4.6 | 3.8 | 2.9 | 2.1 | 3.0 | 3.8 | 5.7 | 3.7 | 40.8 | 5.8 | 15614 |
| FEB | | 24.3 | 4.9 | 4.9 | 4.0 | 3.2 | 2.4 | 3.2 | 4.1 | 5.0 | 3.2 | 40.8 | 5.8 | 14226 |
| MAR | | 24.6 | 4.2 | 4.9 | 4.1 | 3.1 | 2.4 | 3.3 | 4.0 | 5.6 | 3.8 | 40.1 | 5.8 | 15612 |
| APR | | 20.5 | 4.5 | 5.0 | 4.5 | 4.2 | 3.0 | 3.7 | 4.7 | 6.8 | 3.9 | 39.1 | 6.0 | 15114 |
| MAY | | 17.9 | 5.4 | 5.6 | 5.0 | 4.4 | 3.1 | 3.7 | 5.8 | 7.6 | 4.8 | 36.6 | 6.0 | 15615 |
| JUN | | 17.9 | 5.6 | 6.4 | 5.9 | 5.4 | 4.3 | 5.1 | 7.1 | 8.7 | 5.1 | 28.4 | 5.6 | 15113 |
| JUL | | 16.4 | 5.4 | 6.8 | 6.7 | 5.7 | 4.9 | 4.7 | 7.3 | 9.1 | 5.3 | 27.8 | 5.7 | 15615 |
| AUG | | 18.7 | 5.5 | 7.3 | 6.6 | 6.2 | 4.7 | 4.6 | 6.0 | 9.0 | 5.3 | 26.1 | 5.4 | 15619 |
| SEP | | 26.4 | 5.9 | 6.4 | 5.9 | 4.7 | 3.8 | 4.2 | 5.4 | 6.2 | 4.3 | 26.7 | 4.9 | 15618 |
| OCT | | 32.4 | 5.8 | 5.4 | 4.9 | 3.8 | 2.9 | 3.3 | 4.4 | 5.7 | 3.9 | 27.7 | 4.7 | 15617 |
| NOV | | 26.0 | 5.3 | 5.2 | 4.5 | 3.7 | 3.1 | 3.2 | 4.6 | 6.2 | 4.4 | 34.0 | 5.4 | 15098 |
| DEC | | 25.4 | 4.3 | 5.2 | 4.5 | 3.4 | 2.4 | 3.1 | 4.0 | 5.5 | 3.4 | 39.0 | 5.7 | 15620 |
| TOTALS | | 23.0 | 5.1 | 5.6 | 5.0 | 4.2 | 3.3 | 3.8 | 5.1 | 6.8 | 4.3 | 33.9 | 5.6 | 184481 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (PERIOD) JAN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 35.0 | 3.1 | 3.0 | 2.7 | 2.2 | 1.5 | 2.6 | 2.8 | 4.7 | 2.1 | 40.5 | 5.3 | 1950 |
| | 03-05 | 35.0 | 3.0 | 3.5 | 3.6 | 2.3 | 1.0 | 2.6 | 2.9 | 4.3 | 1.5 | 40.4 | 5.2 | 1952 |
| | 06-08 | 23.6 | 6.3 | 5.5 | 3.6 | 3.0 | 1.8 | 3.2 | 3.6 | 5.6 | 3.5 | 40.3 | 5.7 | 1952 |
| | 09-11 | 18.2 | 5.4 | 4.9 | 4.3 | 2.8 | 2.5 | 3.3 | 4.5 | 7.2 | 4.9 | 42.0 | 6.2 | 1952 |
| | 12-14 | 15.3 | 5.3 | 5.6 | 4.3 | 3.8 | 2.8 | 3.3 | 4.9 | 7.8 | 5.9 | 41.0 | 6.4 | 1952 |
| | 15-17 | 14.9 | 5.7 | 6.2 | 4.5 | 3.4 | 2.5 | 3.3 | 4.6 | 7.7 | 6.5 | 40.7 | 6.4 | 1952 |
| | 18-20 | 27.3 | 4.0 | 4.4 | 3.9 | 3.3 | 2.3 | 3.1 | 3.9 | 4.0 | 2.6 | 41.1 | 5.6 | 1953 |
| | 21-23 | 32.5 | 1.9 | 3.7 | 3.8 | 2.7 | 2.6 | 2.2 | 3.5 | 4.3 | 2.6 | 40.2 | 5.4 | 1951 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.2 | 4.3 | 4.6 | 3.8 | 2.9 | 2.1 | 3.0 | 3.8 | 5.7 | 3.7 | 40.8 | 5.8 | 15614 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (PERIOD) FEB (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 36.5 | 2.8 | 3.8 | 3.0 | 1.7 | 1.5 | 2.4 | 3.1 | 2.9 | 1.2 | 41.1 | 5.1 | 1778 |
| | 03-05 | 34.3 | 2.5 | 3.7 | 3.9 | 2.2 | 1.4 | 2.9 | 3.1 | 3.7 | 1.6 | 40.2 | 5.3 | 1778 |
| | 06-08 | 20.6 | 6.7 | 5.1 | 4.2 | 3.4 | 2.5 | 2.8 | 4.1 | 5.6 | 4.0 | 41.1 | 5.9 | 1779 |
| | 09-11 | 16.7 | 6.1 | 6.0 | 3.7 | 3.4 | 2.5 | 3.3 | 5.5 | 6.6 | 4.0 | 42.2 | 6.2 | 1778 |
| | 12-14 | 13.2 | 6.6 | 4.3 | 4.8 | 5.2 | 3.4 | 3.7 | 5.9 | 6.6 | 4.5 | 41.9 | 6.4 | 1777 |
| | 15-17 | 15.2 | 5.3 | 5.6 | 4.9 | 3.7 | 2.8 | 4.7 | 4.7 | 7.3 | 4.7 | 41.1 | 6.3 | 1779 |
| | 18-20 | 23.5 | 6.1 | 6.1 | 4.0 | 3.5 | 3.0 | 3.6 | 3.5 | 4.7 | 2.9 | 39.0 | 5.6 | 1778 |
| | 21-23 | 34.0 | 3.3 | 4.4 | 3.3 | 2.7 | 1.6 | 2.4 | 3.2 | 2.9 | 2.7 | 39.5 | 5.2 | 1779 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.3 | 4.9 | 4.9 | 4.0 | 3.2 | 2.4 | 3.2 | 4.1 | 5.0 | 3.2 | 40.8 | 5.8 | 14226 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 STATION | DOVER AFB DELAWARE STATION NAME | 46,51-70 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 | 36.9 | 3.4 | 3.7 | 2.9 | 1.5 | 1.7 | 2.6 | 2.8 | 2.5 | 1.5 | 40.5 | 5.1 | 1950 |
| | 03-05 | 34.7 | 3.0 | 5.0 | 3.2 | 3.1 | 1.7 | 2.4 | 1.9 | 3.9 | 1.4 | 39.6 | 5.1 | 1953 |
| | 06-08 | 21.1 | 5.3 | 4.8 | 5.0 | 2.8 | 1.7 | 3.9 | 4.5 | 6.9 | 4.2 | 39.6 | 5.9 | 1950 |
| | 09-11 | 18.4 | 4.3 | 5.3 | 4.1 | 3.9 | 3.0 | 3.0 | 5.0 | 7.3 | 4.4 | 41.1 | 6.2 | 1953 |
| | 12-14 | 13.9 | 3.5 | 5.0 | 5.9 | 3.7 | 2.9 | 3.7 | 5.9 | 8.2 | 6.7 | 40.6 | 6.6 | 1952 |
| | 15-17 | 13.5 | 5.5 | 4.9 | 3.3 | 3.6 | 3.2 | 4.8 | 5.1 | 7.7 | 6.3 | 42.1 | 6.6 | 1953 |
| | 18-20 | 21.7 | 6.3 | 6.0 | 4.8 | 3.5 | 3.3 | 3.3 | 3.8 | 5.2 | 3.6 | 38.5 | 5.7 | 1952 |
| | 21-23 | 36.2 | 2.4 | 4.8 | 3.2 | 2.8 | 1.3 | 2.6 | 3.2 | 3.0 | 1.9 | 38.6 | 5.0 | 1949 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 24.6 | 4.2 | 4.9 | 4.1 | 3.1 | 2.4 | 3.3 | 4.0 | 5.6 | 3.8 | 40.1 | 5.8 | 15612 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (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 | 32.7 | 3.5 | 4.9 | 4.4 | 3.3 | 2.4 | 3.0 | 2.5 | 5.1 | 1.5 | 36.6 | 5.1 | 1888 |
| | 03-05 | 29.5 | 3.7 | 5.3 | 3.4 | 3.9 | 2.1 | 3.2 | 3.0 | 5.2 | 1.9 | 38.9 | 5.4 | 1890 |
| | 06-08 | 18.5 | 5.0 | 5.0 | 4.3 | 4.0 | 2.8 | 3.5 | 4.8 | 6.4 | 4.8 | 40.9 | 6.2 | 1889 |
| | 09-11 | 16.2 | 4.2 | 5.2 | 4.3 | 4.0 | 3.3 | 3.8 | 5.8 | 7.4 | 5.0 | 40.8 | 6.4 | 1890 |
| | 12-14 | 11.3 | 4.9 | 5.1 | 3.8 | 4.1 | 4.7 | 4.6 | 6.8 | 8.7 | 5.1 | 40.9 | 6.7 | 1889 |
| | 15-17 | 10.7 | 5.8 | 4.5 | 4.9 | 5.2 | 3.4 | 4.4 | 6.0 | 9.3 | 5.7 | 40.0 | 6.6 | 1889 |
| | 18-20 | 14.9 | 5.5 | 5.4 | 6.0 | 5.0 | 3.2 | 4.3 | 4.7 | 8.0 | 5.2 | 37.8 | 6.2 | 1889 |
| | 21-23 | 30.4 | 3.6 | 4.4 | 4.7 | 4.2 | 2.3 | 3.1 | 3.7 | 4.6 | 2.2 | 36.7 | 5.2 | 1890 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.5 | 4.5 | 5.0 | 4.5 | 4.2 | 3.0 | 3.7 | 4.7 | 6.8 | 3.9 | 39.1 | 6.0 | 15114 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (PERIOD) MAY (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 32.4 | 3.6 | 5.9 | 4.0 | 3.8 | 1.7 | 2.7 | 3.3 | 4.9 | 2.1 | 35.3 | 5.0 | 1952 |
| | 03-05 | 22.6 | 6.5 | 6.1 | 4.7 | 3.9 | 2.7 | 3.7 | 4.9 | 5.8 | 3.2 | 36.0 | 5.5 | 1953 |
| | 06-08 | 16.5 | 6.1 | 4.2 | 4.8 | 3.4 | 2.2 | 3.4 | 5.5 | 7.5 | 4.9 | 41.5 | 6.3 | 1952 |
| | 09-11 | 12.7 | 6.4 | 4.9 | 4.9 | 4.8 | 3.3 | 3.6 | 7.1 | 9.0 | 5.5 | 37.7 | 6.4 | 1951 |
| | 12-14 | 9.9 | 5.1 | 5.5 | 4.9 | 6.2 | 4.6 | 5.1 | 7.8 | 9.7 | 7.3 | 33.9 | 6.5 | 1951 |
| | 15-17 | 10.7 | 5.6 | 5.6 | 5.5 | 4.3 | 4.1 | 4.8 | 7.2 | 9.9 | 6.2 | 36.1 | 6.5 | 1952 |
| | 18-20 | 11.5 | 5.9 | 6.5 | 5.3 | 4.5 | 3.6 | 4.0 | 6.3 | 8.9 | 6.0 | 37.4 | 6.4 | 1952 |
| | 21-23 | 26.7 | 4.1 | 5.9 | 6.1 | 4.5 | 2.8 | 2.5 | 4.2 | 5.2 | 3.3 | 34.6 | 5.3 | 1952 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.9 | 5.4 | 5.6 | 5.0 | 4.4 | 3.1 | 3.7 | 5.8 | 7.6 | 4.8 | 36.6 | 6.0 | 15615 |

USAFETAC FORM JUL 68 0-9-5 (OL-I) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (PERIOD) JUN (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 35.3 | 4.6 | 6.1 | 5.3 | 3.9 | 2.9 | 4.6 | 4.3 | 4.8 | 3.2 | 24.8 | 4.4 | 1889 |
| | 03-05 | 22.2 | 6.4 | 7.1 | 6.2 | 5.9 | 4.4 | 3.7 | 6.4 | 6.1 | 3.2 | 28.3 | 5.1 | 1889 |
| | 06-08 | 17.6 | 6.0 | 6.1 | 5.4 | 3.6 | 3.3 | 5.2 | 5.7 | 8.1 | 5.9 | 33.0 | 5.8 | 1890 |
| | 09-11 | 15.1 | 5.1 | 5.6 | 5.5 | 5.5 | 5.1 | 5.0 | 7.3 | 9.7 | 5.9 | 30.3 | 5.9 | 1889 |
| | 12-14 | 8.8 | 4.6 | 5.3 | 6.6 | 5.5 | 6.7 | 5.9 | 9.2 | 13.1 | 7.5 | 26.8 | 6.3 | 1888 |
| | 15-17 | 7.7 | 5.0 | 5.9 | 7.4 | 6.8 | 6.1 | 7.1 | 9.8 | 10.8 | 6.6 | 26.8 | 6.2 | 1890 |
| | 18-20 | 10.3 | 6.9 | 6.9 | 5.2 | 6.2 | 3.9 | 5.0 | 8.0 | 10.7 | 5.3 | 31.6 | 6.2 | 1889 |
| | 21-23 | 26.2 | 5.7 | 8.4 | 5.7 | 5.4 | 3.4 | 4.1 | 6.4 | 6.1 | 2.8 | 25.8 | 4.8 | 1889 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.9 | 5.6 | 6.4 | 5.9 | 5.4 | 4.5 | 5.1 | 7.1 | 8.7 | 5.1 | 28.4 | 5.6 | 15113 |

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,51-70 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 32.6 | 4.5 | 6.7 | 6.2 | 4.6 | 3.9 | 4.3 | 5.6 | 5.7 | 2.6 | 23.2 | 4.4 | 1951 |
| | 03-05 | 21.2 | 5.7 | 7.2 | 6.6 | 5.9 | 4.1 | 4.9 | 5.6 | 6.8 | 3.4 | 28.6 | 5.2 | 1953 |
| | 06-08 | 14.4 | 5.3 | 6.7 | 5.4 | 4.7 | 3.2 | 3.9 | 6.7 | 10.1 | 7.6 | 32.1 | 6.1 | 1952 |
| | 09-11 | 11.7 | 6.0 | 6.3 | 6.3 | 5.7 | 5.1 | 4.1 | 8.3 | 9.8 | 5.8 | 30.9 | 6.1 | 1950 |
| | 12-14 | 6.3 | 4.4 | 5.3 | 8.0 | 7.7 | 7.2 | 5.5 | 8.2 | 12.2 | 7.2 | 27.8 | 6.4 | 1953 |
| | 15-17 | 7.7 | 5.8 | 6.2 | 7.0 | 6.8 | 7.2 | 5.1 | 9.7 | 10.8 | 6.8 | 26.8 | 6.2 | 1953 |
| | 18-20 | 11.3 | 6.8 | 7.6 | 6.2 | 5.4 | 4.6 | 4.5 | 8.1 | 10.9 | 6.2 | 28.5 | 6.0 | 1953 |
| | 21-23 | 26.1 | 4.3 | 8.1 | 7.7 | 4.9 | 3.8 | 5.2 | 6.1 | 6.6 | 2.6 | 24.3 | 4.8 | 1950 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.4 | 5.4 | 6.8 | 6.7 | 5.7 | 4.9 | 4.7 | 7.3 | 9.1 | 5.3 | 27.8 | 5.7 | 15615 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 DOVER AFB DELAWARE 46,51-70 AUG
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 | | |
| AUG | 00-02 | 35.7 | 3.5 | 6.4 | 5.4 | 4.9 | 3.3 | 3.5 | 4.1 | 6.2 | 2.8 | 24.1 | 4.3 | 1953 |
| | 03-05 | 26.4 | 6.1 | 7.0 | 4.9 | 5.0 | 4.0 | 3.8 | 5.7 | 7.5 | 3.5 | 26.1 | 4.9 | 1952 |
| | 06-08 | 14.8 | 7.6 | 7.4 | 5.9 | 5.0 | 3.4 | 3.9 | 5.6 | 9.7 | 7.1 | 29.5 | 5.8 | 1952 |
| | 09-11 | 13.7 | 6.3 | 7.5 | 5.9 | 6.3 | 3.7 | 5.5 | 6.6 | 9.7 | 7.9 | 26.9 | 5.8 | 1952 |
| | 12-14 | 6.2 | 4.4 | 6.0 | 7.7 | 7.8 | 8.1 | 6.3 | 7.8 | 12.5 | 6.9 | 26.2 | 6.3 | 1953 |
| | 15-17 | 7.2 | 6.3 | 8.3 | 8.8 | 8.4 | 6.4 | 4.2 | 7.5 | 10.6 | 7.0 | 25.1 | 5.9 | 1953 |
| | 18-20 | 13.8 | 6.9 | 8.2 | 7.6 | 6.0 | 4.5 | 5.6 | 6.9 | 9.6 | 5.2 | 25.7 | 5.5 | 1952 |
| | 21-23 | 31.6 | 3.1 | 7.6 | 6.6 | 6.1 | 4.0 | 3.6 | 4.1 | 5.8 | 2.3 | 25.2 | 4.5 | 1952 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 18.7 | 5.5 | 7.3 | 6.6 | 6.2 | 4.7 | 4.6 | 6.0 | 9.0 | 5.3 | 26.1 | 5.4 | 15619 |

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

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,50-70 (PERIOD) SEP (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 | 42.4 | 3.5 | 4.6 | 4.0 | 3.6 | 2.5 | 2.7 | 3.3 | 4.5 | 2.1 | 26.9 | 4.1 | 1952 |
| | 03-05 | 38.5 | 4.5 | 4.6 | 4.5 | 4.0 | 3.2 | 3.2 | 3.1 | 4.5 | 2.4 | 27.7 | 4.3 | 1952 |
| | 06-08 | 20.6 | 8.4 | 6.6 | 6.2 | 3.7 | 3.0 | 4.0 | 6.2 | 6.2 | 6.1 | 28.8 | 5.3 | 1952 |
| | 09-11 | 19.7 | 7.2 | 7.2 | 6.0 | 5.1 | 3.9 | 4.1 | 7.0 | 6.9 | 5.0 | 27.9 | 5.3 | 1953 |
| | 12-14 | 12.7 | 7.0 | 6.3 | 6.7 | 7.5 | 5.7 | 5.9 | 7.1 | 8.2 | 5.8 | 27.1 | 5.7 | 1953 |
| | 15-17 | 14.8 | 6.1 | 7.9 | 7.5 | 5.8 | 5.4 | 5.0 | 6.9 | 7.4 | 7.1 | 23.9 | 5.6 | 1952 |
| | 18-20 | 23.5 | 6.4 | 8.6 | 7.1 | 4.5 | 4.0 | 4.1 | 5.1 | 7.3 | 3.8 | 25.4 | 4.9 | 1952 |
| | 21-23 | 38.8 | 4.4 | 5.4 | 5.3 | 3.3 | 2.7 | 4.4 | 4.7 | 4.8 | 2.3 | 24.0 | 4.2 | 1952 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 26.4 | 5.9 | 6.4 | 5.9 | 4.7 | 3.8 | 4.2 | 5.4 | 6.2 | 4.3 | 26.7 | 4.9 | 15618 |

USAFETAC FORM 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.
JUL 64

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 50-70 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 46.0 | 2.4 | 4.3 | 3.5 | 3.3 | 1.7 | 2.4 | 2.2 | 3.3 | 2.3 | 26.6 | 3.9 | 1953 |
| | 03-05 | 44.0 | 3.2 | 3.6 | 4.0 | 3.7 | 2.2 | 2.7 | 3.5 | 3.5 | 2.4 | 27.3 | 4.1 | 1953 |
| | 06-08 | 25.1 | 8.0 | 5.8 | 5.2 | 3.4 | 3.2 | 3.1 | 4.8 | 7.1 | 4.6 | 29.6 | 5.1 | 1952 |
| | 09-11 | 23.7 | 7.3 | 6.4 | 4.9 | 4.1 | 3.3 | 3.5 | 5.1 | 7.2 | 5.2 | 29.3 | 5.2 | 1953 |
| | 12-14 | 20.7 | 7.8 | 5.8 | 6.3 | 4.1 | 4.3 | 3.4 | 6.2 | 7.8 | 5.1 | 28.5 | 5.3 | 1951 |
| | 15-17 | 22.6 | 7.1 | 6.3 | 6.1 | 4.7 | 2.9 | 4.4 | 5.1 | 7.4 | 5.8 | 27.8 | 5.2 | 1952 |
| | 18-20 | 31.5 | 6.7 | 6.3 | 5.5 | 3.2 | 2.7 | 3.6 | 4.9 | 5.3 | 3.2 | 27.2 | 4.6 | 1952 |
| | 21-23 | 43.5 | 3.6 | 4.7 | 4.0 | 3.8 | 2.5 | 3.1 | 3.0 | 4.2 | 2.5 | 25.2 | 4.0 | 1951 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 32.4 | 5.8 | 5.4 | 4.9 | 3.8 | 2.9 | 3.3 | 4.4 | 5.7 | 3.9 | 27.7 | 4.7 | 15617 |

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

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 50-70 (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 | 39.9 | 3.4 | 3.8 | 2.9 | 2.9 | 2.3 | 2.6 | 4.1 | 3.8 | 2.9 | 31.5 | 4.6 | 1887 |
| | 03-05 | 38.6 | 3.4 | 3.7 | 2.9 | 2.8 | 2.4 | 3.1 | 4.1 | 4.0 | 2.4 | 32.7 | 4.7 | 1887 |
| | 06-08 | 20.7 | 6.9 | 6.5 | 5.6 | 4.2 | 3.2 | 3.4 | 4.9 | 7.2 | 5.2 | 32.2 | 5.5 | 1887 |
| | 09-11 | 18.7 | 6.7 | 4.7 | 4.1 | 3.4 | 2.9 | 3.8 | 5.7 | 7.4 | 7.9 | 34.8 | 6.0 | 1887 |
| | 12-14 | 13.4 | 5.5 | 4.9 | 7.1 | 4.6 | 4.4 | 3.7 | 6.2 | 7.7 | 5.7 | 36.8 | 6.2 | 1886 |
| | 15-17 | 13.9 | 6.9 | 6.4 | 5.1 | 5.1 | 4.1 | 2.3 | 4.9 | 8.5 | 5.6 | 37.1 | 6.1 | 1887 |
| | 18-20 | 27.6 | 6.0 | 6.2 | 4.1 | 3.1 | 3.2 | 3.1 | 4.4 | 5.4 | 3.2 | 33.6 | 5.2 | 1888 |
| | 21-23 | 34.8 | 3.9 | 5.3 | 4.0 | 3.1 | 2.1 | 3.2 | 2.8 | 5.4 | 2.2 | 33.2 | 4.8 | 1889 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 26.0 | 5.3 | 5.2 | 4.5 | 3.7 | 3.1 | 3.2 | 4.6 | 6.2 | 4.4 | 34.0 | 5.4 | 15098 |

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 50-70 (PERIOD) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | ME. TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 36.5 | 3.1 | 5.0 | 4.5 | 2.5 | .9 | 2.6 | 2.8 | 3.7 | 1.8 | 36.7 | 4.9 | 1950 |
| | 03-05 | 34.8 | 2.3 | 5.5 | 3.7 | 2.8 | 2.2 | 2.6 | 3.6 | 4.0 | 2.0 | 36.5 | 5.0 | 1953 |
| | 06-08 | 21.4 | 4.7 | 5.8 | 4.7 | 3.5 | 2.7 | 2.9 | 4.4 | 7.4 | 4.0 | 38.6 | 5.9 | 1952 |
| | 09-11 | 10.6 | 5.3 | 4.5 | 4.0 | 3.5 | 2.8 | 3.4 | 4.2 | 7.4 | 5.0 | 41.3 | 6.2 | 1953 |
| | 12-14 | 14.9 | 5.1 | 4.8 | 5.4 | 3.9 | 3.6 | 4.5 | 5.0 | 7.0 | 4.6 | 41.1 | 6.4 | 1953 |
| | 15-17 | 15.1 | 6.6 | 6.0 | 5.5 | 3.8 | 2.7 | 3.3 | 4.8 | 6.8 | 4.8 | 40.6 | 6.2 | 1953 |
| | 18-20 | 27.6 | 4.2 | 5.2 | 4.9 | 3.9 | 2.0 | 2.7 | 3.5 | 4.1 | 2.8 | 38.7 | 5.4 | 1 |
| | 21-23 | 33.9 | 2.8 | 4.4 | 3.2 | 2.9 | 1.9 | 2.9 | 3.6 | 3.4 | 2.2 | 38.8 | 5.2 | 1953 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 25.4 | 4.3 | 5.2 | 4.5 | 3.4 | 2.4 | 3.1 | 4.0 | 5.5 | 3.4 | 39.0 | 5.7 | 13620 |

USAFETAC FORM JUL 64 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

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

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

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

   a. Extreme maximum temperature
   b. Extreme minimum temperature

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

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

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

E

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.



74-29966

DATA PROCESSING BRANCH
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# DAILY TEMPERATURES

13707 DOVER AFB DELAWARE 42-46, 50-72
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 | | | | | | .1 | .4 | .1 | | | | | .1 |
| 95 | | | | | .2 | 3.1 | 4.3 | 1.7 | .8 | | | | .8 |
| 90 | | | | | 1.9 | 14.9 | 22.9 | 14.4 | 6.9 | .1 | | | 5.1 |
| 85 | | | .2 | 1.8 | 8.2 | 37.8 | 49.4 | 38.5 | 18.6 | 1.7 | | | 13.1 |
| 80 | | | 1.0 | 6.4 | 19.7 | 58.3 | 75.9 | 69.7 | 37.3 | 5.5 | .4 | | 23.3 |
| 75 | | .1 | 3.6 | 14.2 | 37.7 | 75.4 | 96.4 | 94.0 | 61.3 | 16.0 | 2.3 | | 33.6 |
| 70 | .2 | 1.0 | 7.4 | 23.5 | 58.7 | 91.7 | 99.8 | 98.8 | 82.8 | 35.7 | 6.8 | 1.1 | 42.4 |
| 65 | 2.4 | 3.7 | 13.8 | 36.3 | 75.2 | 97.9 | 100.0 | 100.0 | 95.9 | 58.9 | 16.5 | 3.7 | 50.4 |
| 60 | 5.7 | 7.5 | 21.3 | 55.6 | 91.1 | 99.7 | | | 98.9 | 78.0 | 33.7 | 9.1 | 58.6 |
| 55 | 11.5 | 16.3 | 33.9 | 73.9 | 98.4 | 100.0 | | | 99.8 | 91.9 | 51.8 | 16.7 | 66.5 |
| 50 | 15.4 | 26.7 | 50.4 | 90.5 | 99.9 | | | | 100.0 | 98.1 | 69.9 | 27.6 | 73.3 |
| 45 | 32.3 | 42.0 | 69.4 | 98.3 | 100.0 | | | | | 99.6 | 85.9 | 44.7 | 81.1 |
| 40 | 52.2 | 63.1 | 87.2 | 99.7 | | | | | | 100.0 | 95.5 | 64.8 | 88.6 |
| 35 | 71.2 | 83.0 | 95.6 | 100.0 | | | | | | | 99.1 | 80.7 | 94.1 |
| 30 | 87.1 | 91.6 | 98.8 | | | | | | | | 100.0 | 92.9 | 97.5 |
| 25 | 94.9 | 96.6 | 100.0 | | | | | | | | | 98.8 | 99.2 |
| 20 | 98.5 | 98.9 | | | | | | | | | | 99.8 | 99.8 |
| 15 | 99.9 | 99.6 | | | | | | | | | | 100.0 | 100.0 |
| 10 | 100.0 | 100.0 | | | | | | | | | | | 100.0 |
| MEAN | 40.8 | 42.5 | 51.1 | 62.1 | 71.5 | 80.5 | 84.6 | 82.8 | 76.9 | 68.3 | 55.0 | 44.0 | 63.3 |
| S D | 10.651 | 10.593 | 11.192 | 10.147 | 8.902 | 8.033 | 8.915 | 8.767 | 7.923 | 8.310 | 9.533 | 10.336 | 18.033 |
| TOTAL OBS. | 806 | 734 | 806 | 780 | 806 | 780 | 806 | 806 | 800 | 806 | 780 | 806 | 9545 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

13707 DOVER AFB DELAWARE 42-46, 50-72
STATION STATION NAME YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 | | | | | | .1 | .1 | | | | | | .0 |
| 75 | | | | | | 1.8 | 6.6 | 3.2 | .8 | | | | 1.0 |
| 70 | | | | | .7 | 14.5 | 38.3 | 28.7 | 10.8 | .5 | | | 7.8 |
| 65 | | | | .4 | 5.6 | 41.5 | 70.6 | 63.5 | 30.3 | 3.3 | .2 | | 18.1 |
| 60 | | | .2 | 2.6 | 19.7 | 67.8 | 93.8 | 86.0 | 50.0 | 10.3 | .9 | | 27.7 |
| 55 | .1 | | .9 | 7.2 | 41.3 | 88.7 | 99.1 | 96.7 | 73.0 | 22.1 | 3.7 | .2 | 36.2 |
| 50 | .5 | .3 | 2.4 | 19.2 | 68.2 | 98.3 | 100.0 | 100.0 | 90.1 | 42.3 | 10.8 | 1.2 | 44.7 |
| 45 | 1.4 | 1.8 | 7.2 | 41.2 | 88.8 | 99.7 | | | 97.4 | 66.5 | 21.3 | 4.2 | 52.6 |
| 40 | 5.0 | 5.6 | 22.5 | 66.3 | 97.9 | 100.0 | | | 99.8 | 85.1 | 38.2 | 11.5 | 61.2 |
| 35 | 13.8 | 18.9 | 46.5 | 87.2 | 99.8 | | | | 100.0 | 95.8 | 61.9 | 25.2 | 70.9 |
| 33 | 21.2 | 28.3 | 57.7 | 93.5 | 10 .0 | | | | | 97.6 | 71.8 | 33.4 | 75.4 |
| 30 | 34.4 | 43.7 | 74.3 | 97.3 | | | | | | 99.3 | 84.9 | 47.4 | 81.8 |
| 25 | 57.8 | 67.4 | 90.7 | 99.7 | | | | | | 99.9 | 96.3 | 68.7 | 90.1 |
| 20 | 76.3 | 82.3 | 97.1 | 100.0 | | | | | | 100.0 | 99.7 | 84.9 | 95.1 |
| 15 | 89.5 | 92.5 | 99.1 | | | | | | | | 99.9 | 94.4 | 98.0 |
| 10 | 95.5 | 97.8 | 99.9 | | | | | | | | 100.0 | 99.3 | 99.4 |
| 5 | 99.3 | 99.3 | 100.0 | | | | | | | | | 99.6 | 99.9 |
| 0 | 100.0 | 100.0 | | | | | | | | | | 99.9 | 100.0 |
| -5 | | | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 25.7 | 27.5 | 34.1 | 43.1 | 55.1 | 62.6 | 67.4 | 65.8 | 59.6 | 48.2 | 37.9 | 28.8 | 46.2 |
| S D | 8.830 | 8.351 | 7.503 | 7.503 | 7.100 | 6.412 | 4.940 | 5.498 | 7.687 | 8.336 | 8.432 | 8.932 | 16.627 |
| TOTAL OBS | 800 | 734 | 806 | 780 | 806 | 780 | 805 | 806 | 800 | 806 | 780 | 806 | 9545 |

USAF ETAC FORM JUL 64 0 21-5 (OI 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

13707 DOVER AFB DELAWARE 42-46, 50-72
STATION STATION NAME YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | | | | | | .1 | | | | | | | .0 |
| 85 | | | | | .1 | 1.7 | 3.2 | .9 | .3 | | | | .5 |
| 80 | | | | | 1.0 | 14.0 | 28.1 | 17.1 | 7.5 | .1 | | | 5.7 |
| 75 | | | | .4 | 6.0 | 37.9 | 61.7 | 50.7 | 21.9 | 2.2 | | | 15.1 |
| 70 | | | .4 | 3.1 | 17.7 | 61.5 | [illegible].2 | 82.6 | 44.3 | 5.2 | .6 | | 25.7 |
| 65 | | | 1.3 | 9.4 | 38.0 | 85.3 | [illegible].8 | 97.[illegible] | 69.9 | 17.7 | 1.8 | .1 | 35.2 |
| 60 | .1 | .3 | 4.0 | 20.3 | 63.9 | 97.3 | 100.0 | 99.9 | 88.3 | 41.6 | 6.4 | 1.0 | 43.8 |
| 55 | 1.6 | 1.6 | 11.3 | 37.3 | 85.0 | 99.6 | | 100.0 | 97.6 | 63.3 | 18.2 | 3.0 | 51.7 |
| 50 | 4.6 | 5.2 | 21.5 | 63.8 | 97.1 | 100.0 | | | 99.6 | 84.7 | 36.9 | 9.2 | 60.4 |
| 45 | 11.5 | 16.1 | 37.1 | 84.9 | 100.0 | | | | 100.0 | 95.5 | 56.4 | 19.7 | 68.6 |
| 40 | 22.7 | 32.7 | 64.6 | 96.4 | | | | | | 99.1 | 80.3 | 36.1 | 77.7 |
| 35 | 43.7 | 56.5 | 85.2 | 99.7 | | | | | | 100.0 | 94.4 | 57.3 | 86.4 |
| 30 | 66.6 | 77.2 | 94.9 | 100.0 | | | | | | | 98.7 | 78.0 | 93.0 |
| 25 | 84.2 | 89.5 | 98.6 | | | | | | | | 99.9 | 90.3 | 96.9 |
| 20 | 93.4 | 95.6 | 99.8 | | | | | | | | 100.0 | 97.8 | 98.9 |
| 15 | 97.9 | 98.9 | 100.0 | | | | | | | | | 99.4 | 99.7 |
| 10 | 99.8 | 99.7 | | | | | | | | | | 99.9 | 100.0 |
| 5 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 33.3 | 35.7 | 42.8 | 52.0 | 62.5 | 71.9 | 76.2 | 74.5 | 66.3 | 57.9 | 46.7 | 36.6 | 54.9 |
| S.D. | 9.210 | 8.883 | 8.711 | 9.138 | 7.367 | 6.687 | 4.848 | 5.043 | 7.209 | 7.646 | 8.444 | 9.181 | 17.644 |
| TOTAL OBS | 806 | 734 | 806 | 780 | 806 | 780 | 805 | 806 | 800 | 806 | 780 | 834 | 9543 |

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

# EXTREME VALUES

(FROM DAILY OBSERVATIONS)

137 / STATION | [illegible] STATION NAME | 46-66, 50-72 YEARS

WHOLE DEGREES FAHRENHEIT

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | * 66 | |
| [illegible] | 64 | 69 | 69 | 77 | 91 | 97 | 94 | 96 | 97 | 78 | 73 | 69 | 97 |
| [illegible] | 67 | 65 | 67 | 79 | 88 | 95 | 95 | 95 | 93 | 84 | 79 | 57 | 95 |
| [illegible] | 80 | 64 | 87 | 87 | 86 | 97 | 97 | 94 | 91 | 83 | 78 | 66 | 97 |
| [illegible] | 66 | 72 | 80 | 81 | 86 | 92 | 94 | 91 | 91 | | | | |
| [illegible] | | | | | | | | | 89 | 79 | 83 | 70 | |
| [illegible] | 67 | 76 | 70 | 84 | 87 | 99 | 93 | 93 | 89 | 87 | 72 | 72 | 93 |
| [illegible] | 67 | 66 | 73 | 85 | 93 | 99 | 97 | 89 | 92 | 82 | 79 | 68 | 99 |
| [illegible] | 68 | 67 | 68 | 84 | 84 | 90 | 97 | 100 | 95 | 79 | 75 | 67 | 100 |
| [illegible] | 67 | 73 | 71 | 83 | 84 | 95 | 99 | 93 | 91 | 89 | 66 | 66 | 99 |
| [illegible] | 59 | 61 | 77 | 74 | 91 | 90 | 98 | 98 | 86 | 84 | 76 | 65 | 98 |
| [illegible] | 60 | 62 | 68 | 83 | 93 | 93 | 95 | 92 | 90 | 77 | 72 | 72 | 95 |
| [illegible] | 65 | 65 | 74 | 87 | 89 | 95 | 101 | 95 | 94 | 74 | 74 | 64 | 101 |
| [illegible] | 60 | 59 | 64 | 83 | 85 | 92 | 93 | 91 | 90 | 83 | 71 | 68 | 93 |
| [illegible] | 68 | 67 | 71 | 85 | 91 | 98 | 92 | 93 | 90 | 91 | 78 | 61 | 98 |
| [illegible] | 59 | 67 | 78 | 89 | 83 | 91 | 91 | 92 | 88 | 81 | 71 | 63 | 92 |
| [illegible] | 53 | 72 | 75 | 87 | 83 | 91 | 92 | 90 | 92 | 79 | 80 | 60 | 92 |
| [illegible] | 63 | 64 | 76 | 86 | 93 | 92 | 93 | 96 | 93 | 86 | 62 | 62 | 96 |
| [illegible] | 56 | 59 | 80 | 84 | 90 | 94 | 95 | 92 | 87 | 81 | 69 | 53 | 95 |
| [illegible] | 65 | 56 | 77 | 82 | 89 | 97 | 96 | 92 | 93 | 76 | 73 | 72 | 97 |
| [illegible] | 63 | 67 | 64 | 79 | 97 | 100 | 95 | 93 | 91 | 81 | 74 | 64 | 100 |
| [illegible] | 66 | 59 | 74 | 77 | 85 | 97 | 101 | 92 | 92 | 77 | 72 | 74 | 101 |
| [illegible] | 72 | 65 | 75 | 82 | 85 | 91 | 90 | 91 | 82 | 84 | 67 | 67 | 91 |
| [illegible] | 57 | 56 | 77 | 75 | 83 | 92 | 94 | 96 | 90 | 87 | 75 | 65 | 96 |
| [illegible] | 58 | 47 | 68 | 86 | 91 | 95 | 93 | 88 | 87 | 81 | 67 | 61 | 95 |
| [illegible] | 93 | 60 | 73 | 77 | 87 | 92 | 90 | 91 | 96 | 84 | 66 | 66 | 96 |
| [illegible] | 60 | 67 | 74 | 77 | 80 | 92 | 95 | 91 | 85 | 77 | 78 | 62 | 95 |
| [illegible] | 65 | 79 | 77 | 83 | 84 | 89 | 95 | 94 | 91 | 76 | 72 | 69 | 95 |
| | | | | | | | | | | | | | |
| MEAN | 63.1 | 64.0 | 73.3 | 82.3 | 87.3 | 93.7 | 94.8 | 93.0 | 90.6 | 81.9 | 73.9 | 64.2 | 96.2 |
| S D | 4.381 | 6.379 | 6.401 | 3.805 | 4.126 | 3.695 | 2.912 | 2.793 | 3.344 | 4.356 | 4.784 | 5.191 | 2.218 |
| TOTAL OBS | 706 | 734 | 906 | 780 | 806 | 780 | 805 | 806 | 700 | 806 | 780 | 936 | 9362 |

NOTES * (BASED ON < FULL MONTHS)
' (AT LEAST ONE DAY < 24 OBS)

1210 WS FORM JUL 64 0-88-5 (Det 50)

# EXTREME VALUES

(FROM DAILY OBSERVATIONS)

13743 STATION | [illegible] STATION NAME | 42-46, 50-72 YEARS

[illegible] DEGREES FAHRENHEIT

| MONTH / YEAR | JAN. | FEB. | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | -4 | |
| [illegible] | 16 | 5 | 10 | 21 | 33 | 56 | 62 | 61 | 40 | 30 | 26 | 14 | 9 |
| [illegible] | 15 | 1[illegible] | 19 | 29 | 48 | 48 | 57 | 57 | 47 | 3[illegible] | 24 | 14 | 14 |
| [illegible] | 7 | 16 | 69 | 31 | 41 | 43 | 53 | 53 | 50 | 34 | 23 | 9 | 7 |
| [illegible] | 4 | 16 | 27 | 31 | 39 | 48 | 54 | 51* | 47 | | | | |
| [illegible] | | | | | | | | | 42 | 35 | 29 | 12 | |
| [illegible] | 10 | 19 | 25 | 37 | 45 | 52 | 58 | 51 | 42 | 42 | 21 | 11 | 10 |
| [illegible] | 12 | 22 | 26 | 33 | 42 | 54 | 53 | 51* | 46 | 24 | 24 | 17 | 12 |
| [illegible] | 23 | 17 | 23 | 33 | 47 | 50 | 57 | 56 | 44 | 30 | 23 | 14 | 14 |
| [illegible] | 11 | 13 | 22 | 26 | 41 | 49 | 58 | 57 | 47 | 35 | 26 | 16 | 11 |
| [illegible] | 9 | 4 | 21 | 34 | 43 | 50 | 62 | 59 | 49 | 39 | 14 | 17 | 4 |
| [illegible] | 17 | 20 | 20 | 30 | 36 | 50 | 58 | 56 | 39 | 35 | 25 | 21 | 17 |
| [illegible] | 2 | 23 | 26 | 32 | 36 | 52 | 57 | 54 | 42 | 33 | 27 | 14 | 2 |
| [illegible] | 11 | 4 | 27 | 32 | 45 | 50 | 62 | 56 | 43 | 31 | 19 | 10 | 4 |
| [illegible] | 12 | 13 | 23 | 34 | 43 | 50 | 59 | 57 | 41 | 34 | 22 | 15 | 12 |
| [illegible] | 25 | 14 | 9 | 27 | 35 | 53 | 59 | 61 | 52 | 34 | 25 | 9 | 9 |
| [illegible] | 4 | 1 | 22 | 34 | 38 | 53 | 57 | 55 | 45 | 35 | 20 | 14 | 1 |
| [illegible] | 0 | 0 | 14 | 30 | 39 | 56 | 53 | 54 | 40 | 32 | 23 | 8 | 0 |
| [illegible] | 7 | 10 | 27 | 34 | 38 | 53 | 57 | 53 | 39 | 39 | 29 | 11 | 7 |
| [illegible] | 5 | 10 | 24 | 28 | 42 | 48 | 61 | 56 | 47 | 32 | 22 | 16 | 5 |
| [illegible] | 4* | 11 | 19 | 26 | 47 | 53 | 61 | 50 | 48 | 29 | 21 | 13 | 4 |
| [illegible] | 3 | 13 | 23 | 32 | 34 | 45 | 55 | 59 | 45 | 29 | 23 | 15 | 3 |
| [illegible] | 16 | 8 | 14 | 28 | 42 | 43 | 55 | 60 | 44 | 32 | 21 | 12 | 8 |
| [illegible] | 5 | 9 | 19 | 29 | 39 | 52* | 59 | 53 | 47 | 32 | 29 | 12 | 5 |
| [illegible] | 14 | 19 | 22 | 29 | 42 | 53 | 60 | 55 | 48 | 27 | 21 | 13 | 14 |
| [illegible] | 3 | 10 | 23 | 29 | 35 | 52 | 61 | 60 | 44 | 37 | 29 | 19 | 3 |
| 71 | 9 | 8 | 24 | 30 | 41 | 54 | 55 | 55 | 48 | 44 | 26 | 20 | 9 |
| 72 | 6 | 14 | 22 | 27 | 43 | 45 | 56 | 53 | 52 | 37 | 25 | 21 | 6 |
| | | | | | | | | | | | | | |
| MEAN | 1[illegible].1 | 12.2 | 21.5 | 30.2 | 40.5 | 50.5 | 57.3 | 54.7 | 45.0 | 34.1 | 23.2 | 13.5 | 7.3 |
| S. D. | [illegible].71 | 6.522 | 5.479 | 5.847 | 3.839 | 3.659 | 2.933 | 3.377 | 3.609 | 4.433 | 3.784 | 4.257 | 4.614 |
| TOTAL OBS. | [illegible]06 | 734 | 806 | 780 | 806 | 780 | 805 | 806 | 800 | 803 | 781 | 834 | 9345 |

NOTES * (PASTO OF < FULL MONTHS)

[illegible] (AT LEAST [illegible] OF DAY < 24 . 5)

1210 WS FORM JUL 64 0-88-5 (Del 50)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-46,50-72 YEARS | ALL MONTH

 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | .0 | .0 | | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | 18 | 18 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | 49 | 49 | | |
| 96/ 95 | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | 181 | 181 | | |
| 94/ 93 | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 369 | 369 | | |
| 92/ 91 | | | | .0 | | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 736 | 736 | | |
| 90/ 89 | | | | .0 | .0 | .0 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 1370 | 1370 | | |
| 88/ 87 | | | | .0 | .0 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 1870 | 1870 | | |
| 86/ 85 | | | .0 | .0 | .2 | .2 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 2684 | 2684 | 1 | |
| 84/ 83 | | .0 | .0 | .1 | .3 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 3229 | 3230 | 4 | 2 |
| 82/ 81 | .0 | .0 | .1 | .3 | .4 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 4103 | 4103 | 140 | 5 |
| 80/ 79 | | .0 | .3 | .5 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 5200 | 5201 | 676 | 74 |
| 78/ 77 | .0 | .3 | .5 | .5 | .4 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | 6400 | 6400 | 2340 | 412 |
| 76/ 75 | .0 | .6 | .7 | .6 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | 7857 | 7863 | 4904 | 1831 |
| 74/ 73 | .1 | .9 | .8 | .6 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | 8657 | 8662 | 7490 | 4564 |
| 72/ 71 | .2 | 1.2 | .8 | .5 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | 9061 | 9070 | 9166 | 7213 |
| 70/ 69 | .3 | 1.1 | .9 | .6 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | 9577 | 9598 | 9981 | 8627 |
| 68/ 67 | .2 | 1.0 | .9 | .5 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 8639 | 8653 | 9664 | 8561 |
| 66/ 65 | .2 | 1.1 | .8 | .6 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 8339 | 8347 | 9562 | 8415 |
| 64/ 63 | .2 | 1.1 | .7 | .5 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | 7958 | 7971 | 9692 | 8463 |
| 62/ 61 | .2 | 1.1 | .7 | .5 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 7534 | 7543 | 9474 | 8866 |
| 60/ 59 | .2 | 1.1 | .7 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | 7974 | 7984 | 9025 | 8840 |
| 58/ 57 | .2 | 1.0 | .7 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | 7476 | 7480 | 8665 | 8693 |
| 56/ 55 | .2 | 1.0 | .7 | .5 | .4 | .3 | .2 | .0 | | | | | | | | | | 7667 | 7673 | 8000 | 8398 |
| 54/ 53 | .2 | .9 | .7 | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 7096 | 7106 | 7592 | 7837 |
| 52/ 51 | .2 | .9 | .6 | .5 | .4 | .3 | .1 | .0 | .0 | | | | | | | | | 6952 | 6962 | 7740 | 7520 |
| 50/ 49 | .2 | .9 | .7 | .5 | .5 | .2 | .1 | .0 | | | | | | | | | | 7160 | 7169 | 7704 | 7242 |
| 48/ 47 | .2 | .9 | .7 | .6 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 7117 | 7124 | 7442 | 7147 |
| 46/ 45 | .2 | 1.1 | .7 | .7 | .4 | .2 | .0 | | | | | | | | | | | 7576 | 7579 | 7773 | 7050 |
| 44/ 43 | .3 | 1.0 | .8 | .7 | .4 | .1 | .0 | | | | | | | | | | | 7558 | 7570 | 7830 | 6977 |
| 42/ 41 | .3 | 1.0 | .8 | .7 | .4 | .1 | .0 | | | | | | | | | | | 7498 | 7516 | 8092 | 7357 |
| 40/ 39 | .4 | 1.1 | 1.1 | .8 | .3 | .0 | .0 | | | | | | | | | | | 8489 | 8517 | 8509 | 7058 |
| 38/ 37 | .3 | 1.1 | 1.0 | .8 | .2 | .0 | .0 | | | | | | | | | | | 7719 | 7721 | 8108 | 7279 |
| 36/ 35 | .2 | 1.2 | 1.2 | .7 | .2 | .0 | | | | | | | | | | | | 7999 | 7999 | 8625 | 7271 |

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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 42-46,50-72 YEARS — ALL MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 34/ 33 | .2 | 1.2 | 1.1 | .5 | .1 | .0 | | | | | | | | | | | | 7105 | 7105 | 8419 | 7669 |
| 32/ 31 | .2 | 1.0 | 1.0 | .5 | .0 | .0 | | | | | | | | | | | | 6134 | 6136 | 8609 | 7930 |
| 30/ 29 | .1 | .8 | 1.0 | .4 | .0 | | | | | | | | | | | | | 5410 | 5412 | 6853 | 7475 |
| 28/ 27 | .1 | .7 | .8 | .2 | .0 | | | | | | | | | | | | | 4245 | 4246 | 5750 | 6468 |
| 26/ 25 | .1 | .6 | .7 | .1 | | | | | | | | | | | | | | 3358 | 3359 | 5134 | 6428 |
| 24/ 23 | .0 | .5 | .5 | .1 | | | | | | | | | | | | | | 2417 | 2418 | 3882 | 5612 |
| 22/ 21 | .0 | .4 | .4 | .0 | | | | | | | | | | | | | | 1899 | 1899 | 2939 | 5034 |
| 20/ 19 | .0 | .4 | .3 | .0 | | | | | | | | | | | | | | 1585 | 1586 | 2267 | 4228 |
| 18/ 17 | .0 | .3 | .2 | .0 | | | | | | | | | | | | | | 1101 | 1101 | 1750 | 3950 |
| 16/ 15 | .0 | .3 | .1 | | | | | | | | | | | | | | | 858 | 859 | 1272 | 3571 |
| 14/ 13 | .0 | .2 | .0 | | | | | | | | | | | | | | | 505 | 506 | 887 | 2957 |
| 12/ 11 | .0 | .1 | .0 | | | | | | | | | | | | | | | 335 | 335 | 519 | 2438 |
| 10/ 9 | .0 | .1 | .0 | | | | | | | | | | | | | | | 210 | 210 | 355 | 1910 |
| 8/ 7 | .0 | .0 | .0 | | | | | | | | | | | | | | | 124 | 125 | 206 | 1614 |
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 82 | 82 | 110 | 1213 |
| 4/ 3 | .0 | .0 | | | | | | | | | | | | | | | | 25 | 25 | 64 | 933 |
| 2/ 1 | .0 | .0 | | | | | | | | | | | | | | | | 13 | 13 | 24 | 705 |
| 0/ -1 | .0 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 572 |
| -2/ -3 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 355 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 210 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 132 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 78 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 84 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 26 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 20 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 6 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 2 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 2 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 28.2 | 23.9 | 15.5 | 9.6 | 6.5 | 4.4 | 2.9 | 1.7 | .9 | .4 | .2 | .0 | .0 | | | | 227546 | | 227327 | |
| | | | | | | | | | | | | | | | | | | 227329 | 227331 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 1244019403 | 16814151 | 71.8 | 17.947 | 227324 | | | | | | | |
| Dry Bulb | 752010149 | 12426943 | 54.6 | 17.953 | 227546 | .3 | 1075.9 | 2705.8 | 1651.9 | 671.9 | 24.1 | 8760 |
| Wet Bulb | 623715498 | 11311236 | 49.8 | 16.368 | 227331 | .6 | 1557.2 | 1715.5 | 601.9 | 14.1 | | 8760 |
| Dew Point | 534755034 | 10194998 | 44.8 | 18.468 | 227327 | 57.2 | 2454.8 | 1209.5 | 266.3 | 1.0 | | 8760 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 72/ 71 | | | | | | | .0 | | | | | | | | | | | 5 | 5 | | |
| 70/ 69 | | | | | | .0 | .0 | | | | | | | | | | | 3 | 3 | | |
| 68/ 67 | .0 | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | 17 | 17 | 1 | 1 |
| 66/ 65 | | .0 | .0 | .0 | .0 | .1 | .0 | | | | | | | | | | | 35 | 35 | 1 | |
| 64/ 63 | .0 | .1 | .1 | .0 | .1 | .0 | | | | | | | | | | | | 72 | 72 | 5 | 3 |
| 62/ 61 | .0 | .1 | .1 | .0 | .1 | | .0 | | | | | | | | | | | 64 | 64 | 33 | 12 |
| 60/ 59 | .1 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | | 100 | 101 | 92 | 42 |
| 58/ 57 | .1 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | | | 144 | 144 | 98 | 84 |
| 56/ 55 | .1 | .4 | .3 | .2 | .0 | .0 | .0 | | | | | | | | | | | 210 | 210 | 125 | 84 |
| 54/ 53 | .1 | .4 | .2 | .2 | .1 | .1 | .0 | | | | | | | | | | | 204 | 204 | 173 | 103 |
| 52/ 51 | .1 | .5 | .3 | .1 | .1 | .1 | .0 | | | | | | | | | | | 237 | 238 | 211 | 168 |
| 50/ 49 | .1 | .6 | .3 | .3 | .3 | .2 | .0 | .0 | | | | | | | | | | 331 | 331 | 209 | 184 |
| 48/ 47 | .2 | .6 | .4 | .3 | .3 | .2 | .1 | | | | | | | | | | | 389 | 389 | 253 | 236 |
| 46/ 45 | .3 | 1.0 | .4 | .5 | .4 | .2 | .0 | | | | | | | | | | | 548 | 549 | 320 | 263 |
| 44/ 43 | .5 | 1.4 | .7 | .8 | .5 | .1 | .0 | | | | | | | | | | | 750 | 751 | 505 | 333 |
| 42/ 41 | .6 | 1.7 | 1.0 | .9 | .6 | .0 | | | | | | | | | | | | 950 | 950 | 602 | 469 |
| 40/ 39 | 1.2 | 1.7 | 1.7 | 1.4 | .6 | .1 | | | | | | | | | | | | 1275 | 1277 | 910 | 525 |
| 38/ 37 | .9 | 2.1 | 1.7 | 1.6 | .4 | .0 | | | | | | | | | | | | 1310 | 1310 | 1011 | 622 |
| 36/ 35 | .6 | 2.8 | 2.7 | 1.7 | .3 | | | | | | | | | | | | | 1542 | 1542 | 1298 | 658 |
| 34/ 33 | .6 | 3.2 | 3.1 | 1.4 | .1 | | | | | | | | | | | | | 1623 | 1623 | 1391 | 897 |
| 32/ 31 | .7 | 3.3 | 3.2 | 1.3 | .1 | | | | | | | | | | | | | 1634 | 1636 | 1853 | 1078 |
| 30/ 29 | .6 | 3.4 | 3.3 | 1.1 | .1 | | | | | | | | | | | | | 1633 | 1633 | 1729 | 1126 |
| 28/ 27 | .4 | 2.7 | 3.1 | .6 | | | | | | | | | | | | | | 1306 | 1307 | 1605 | 1092 |
| 26/ 25 | .2 | 2.3 | 2.7 | .3 | | | | | | | | | | | | | | 1090 | 1090 | 1410 | 1210 |
| 24/ 23 | .2 | 1.9 | 2.1 | .2 | | | | | | | | | | | | | | 839 | 839 | 1243 | 1260 |
| 22/ 21 | .2 | 2.0 | 1.5 | .1 | | | | | | | | | | | | | | 734 | 734 | 1058 | 1151 |
| 20/ 19 | .2 | 1.8 | 1.2 | .0 | | | | | | | | | | | | | | 613 | 614 | 813 | 1043 |
| 18/ 17 | .2 | 1.5 | .8 | .0 | | | | | | | | | | | | | | 471 | 471 | 656 | 1040 |
| 16/ 15 | .1 | 1.4 | .4 | | | | | | | | | | | | | | | 370 | 371 | 528 | 890 |
| 14/ 13 | .0 | .9 | .3 | | | | | | | | | | | | | | | 245 | 246 | 371 | 886 |
| 12/ 11 | .1 | .8 | .1 | | | | | | | | | | | | | | | 180 | 180 | 243 | 810 |
| 10/ 9 | .0 | .5 | .1 | | | | | | | | | | | | | | | 106 | 106 | 195 | 711 |
| 8/ 7 | .0 | .4 | .0 | | | | | | | | | | | | | | | 75 | 79 | 115 | 518 |
| 6/ 5 | .0 | .3 | | | | | | | | | | | | | | | | 61 | 61 | 68 | 420 |

| 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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 4/ 3 | .0 | .1 | | | | | | | | | | | | | | | | 17 | 17 | 50 | 296 |
| 2/ 1 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 15 | 269 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 226 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 158 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 124 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 67 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 50 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 56 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 18 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 6 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 8.6 | 40.2 | 32.3 | 13.4 | 4.1 | 1.1 | .3 | .0 | | | | | | | | | | 19189 | 19202 | 19190 | 19191 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum. | 100851108 | 1351498 | 70.4 | 17.181 | 19189 | | | | | | | |
| Dry Bulb | 23087925 | 634853 | 33.1 | 10.454 | 19202 | | 363.7 | 1.0 | | | | 744 |
| Wet Bulb | 19437882 | 579250 | 30.2 | 10.089 | 19190 | | 463.4 | .0 | | | | 744 |
| Dew Point | 14191334 | 458330 | 23.9 | 13.004 | 19191 | 27.4 | 562.4 | .0 | | | | 744 |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 74/ 73 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 13 | 13 | | |
| 70/ 69 | | | | | .0 | .0 | .0 | | | | | | | | | | | 13 | 13 | | |
| 68/ 67 | .0 | | | .0 | .0 | .0 | .0 | .0 | | .0 | | | | | | | | 24 | 24 | 2 | 1 |
| 66/ 65 | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 49 | 49 | 1 | 1 |
| 64/ 63 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 50 | 50 | 8 | 3 |
| 62/ 61 | .0 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | | 74 | 74 | 22 | 9 |
| 60/ 59 | .0 | .2 | .2 | .1 | .1 | .0 | .1 | .0 | .0 | | | | | | | | | 145 | 145 | 58 | 14 |
| 58/ 57 | .1 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 178 | 178 | 128 | 69 |
| 56/ 55 | .0 | .3 | .2 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | | 210 | 210 | 118 | 92 |
| 54/ 53 | .2 | .2 | .2 | .2 | .3 | .1 | .1 | .1 | | | | | | | | | | 256 | 256 | 170 | 142 |
| 52/ 51 | .2 | .4 | .4 | .2 | .3 | .3 | .1 | .0 | | | | | | | | | | 334 | 334 | 162 | 135 |
| 50/ 49 | .2 | .5 | .2 | .4 | .5 | .2 | .1 | .0 | | | | | | | | | | 371 | 371 | 237 | 155 |
| 48/ 47 | .2 | .5 | .4 | .5 | .5 | .2 | .0 | | | | | | | | | | | 433 | 433 | 300 | 216 |
| 46/ 45 | .2 | .8 | .6 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | 630 | 630 | 344 | 192 |
| 44/ 43 | .4 | 1.0 | 1.0 | 1.1 | .8 | .2 | .0 | | | | | | | | | | | 790 | 790 | 466 | 265 |
| 42/ 41 | .9 | 1.3 | 1.3 | 1.4 | .9 | .2 | .0 | | | | | | | | | | | 1051 | 1051 | 763 | 401 |
| 40/ 39 | 1.0 | 2.0 | 2.1 | 1.7 | .9 | .1 | | | | | | | | | | | | 1369 | 1369 | 1012 | 546 |
| 38/ 37 | .9 | 2.7 | 2.4 | 1.9 | .6 | .1 | | | | | | | | | | | | 1505 | 1505 | 1164 | 650 |
| 36/ 35 | .7 | 3.5 | 2.9 | 2.0 | .6 | .0 | | | | | | | | | | | | 1710 | 1710 | 1486 | 776 |
| 34/ 33 | .7 | 3.8 | 3.0 | 1.4 | .3 | | | | | | | | | | | | | 1611 | 1611 | 1681 | 1077 |
| 32/ 31 | .9 | 2.7 | 2.6 | 1.4 | .2 | | | | | | | | | | | | | 1348 | 1348 | 1845 | 1296 |
| 30/ 29 | .5 | 2.3 | 2.9 | 1.1 | .1 | | | | | | | | | | | | | 1207 | 1207 | 1424 | 1256 |
| 28/ 27 | .3 | 2.1 | 2.4 | .6 | .0 | | | | | | | | | | | | | 931 | 931 | 1286 | 1109 |
| 26/ 25 | .3 | 2.0 | 2.1 | .4 | | | | | | | | | | | | | | 847 | 847 | 1257 | 1091 |
| 24/ 23 | .1 | 1.3 | 1.7 | .3 | | | | | | | | | | | | | | 598 | 598 | 889 | 1034 |
| 22/ 21 | .1 | 1.0 | 1.5 | .1 | | | | | | | | | | | | | | 448 | 448 | 655 | 1096 |
| 20/ 19 | .1 | .9 | 1.3 | .0 | | | | | | | | | | | | | | 393 | 393 | 532 | 870 |
| 18/ 17 | .1 | .9 | .8 | .0 | | | | | | | | | | | | | | 312 | 312 | 474 | 827 |
| 16/ 15 | .1 | .8 | .4 | | | | | | | | | | | | | | | 231 | 231 | 368 | 659 |
| 14/ 13 | .0 | .6 | .2 | | | | | | | | | | | | | | | 135 | 135 | 270 | 618 |
| 12/ 11 | .0 | .5 | .1 | | | | | | | | | | | | | | | 91 | 91 | 147 | 548 |
| 10/ 9 | | .4 | .0 | | | | | | | | | | | | | | | 78 | 78 | 104 | 447 |
| 8/ 7 | .0 | .2 | .0 | | | | | | | | | | | | | | | 35 | 35 | 74 | 418 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — FEB 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 | | | | | |
| 6/ 5 | .0 | .1 | | | | | | | | | | | | | | | | | 15 | 15 | 30 | 375 |
| 4/ 3 | .0 | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 11 | 321 |
| 2/ 1 | .0 | .0 | | | | | | | | | | | | | | | | | 4 | 4 | 6 | 239 |
| 0/ -1 | .0 | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 233 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 156 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 64 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 51 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | 17 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | 16 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.4 | 33.2 | 31.3 | 10.4 | 7.2 | 2.3 | .9 | .2 | .1 | .0 | | | | | | | | 17496 | 17496 | | 17496 | 17497 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 88996045 | 1195087 | 68.5 | 18.377 | 17494 | | | | | | | |
| Dry Bulb | 23542457 | 616361 | 35.2 | 10.224 | 17496 | .0 | 256.5 | 2.0 | .0 | | | 672 |
| Wet Bulb | 19369741 | 557407 | 31.9 | 9.597 | 17496 | .1 | 360.0 | .1 | | | | 672 |
| Dew Point | 15801960 | 439316 | 25.1 | 12.586 | 17497 | 21.1 | 489.8 | .0 | | | | 672 |

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | | .0 | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | | | | | | | .0 | .0 | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | | | .0 | .0 | .0 | | | | | | | 8 | 8 | | |
| 82/ 81 | | | | | | | | .0 | .0 | .0 | .0 | | | | | | | 10 | 10 | | |
| 80/ 79 | | | | | | | .0 | .0 | | .0 | .0 | | | | | | | 14 | 14 | | |
| 78/ 77 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 28 | 28 | | |
| 76/ 75 | | | | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | 52 | 52 | | |
| 74/ 73 | | | | | .0 | .1 | .1 | .1 | .0 | .1 | .0 | | .0 | | | | | 78 | 78 | | |
| 72/ 71 | | | | .0 | .0 | .1 | .1 | .1 | .0 | .1 | | | | | | | | 67 | 67 | | |
| 70/ 69 | | | .0 | .0 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 101 | 101 | 1 | |
| 68/ 67 | | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | 145 | 145 | 25 | |
| 66/ 65 | | .0 | .2 | .2 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | 204 | 204 | 47 | 1 |
| 64/ 63 | | .1 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | | | | 202 | 202 | 62 | 13 |
| 62/ 61 | .0 | .2 | .2 | .3 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | | | 296 | 296 | 185 | 43 |
| 60/ 59 | .1 | .3 | .3 | .2 | .2 | .3 | .2 | .1 | .1 | | | | | | | | | 358 | 358 | 209 | 112 |
| 58/ 57 | .1 | .4 | .3 | .3 | .3 | .3 | .2 | .2 | .0 | | | | | | | | | 383 | 383 | 273 | 188 |
| 56/ 55 | .1 | .5 | .3 | .5 | .4 | .4 | .3 | .1 | | | | | | | | | | 500 | 500 | 372 | 246 |
| 54/ 53 | .2 | .6 | .4 | .6 | .5 | .5 | .5 | .1 | | | | | | | | | | 635 | 635 | 358 | 271 |
| 52/ 51 | .2 | .6 | .5 | .6 | .8 | .6 | .3 | .0 | | | | | | | | | | 697 | 697 | 441 | 302 |
| 50/ 49 | .2 | .6 | .8 | .8 | .9 | .6 | .2 | .0 | | | | | | | | | | 829 | 829 | 557 | 332 |
| 48/ 47 | .4 | .9 | 1.0 | 1.1 | 1.0 | .6 | .2 | .0 | .0 | | | | | | | | | 1023 | 1023 | 653 | 396 |
| 46/ 45 | .7 | 1.9 | 1.3 | 1.4 | 1.1 | .6 | .1 | | | | | | | | | | | 1384 | 1384 | 923 | 512 |
| 44/ 43 | .6 | 2.2 | 1.6 | 1.7 | 1.2 | .5 | .0 | | | | | | | | | | | 1506 | 1506 | 1210 | 712 |
| 42/ 41 | .8 | 2.4 | 2.0 | 1.8 | 1.0 | .4 | .0 | | | | | | | | | | | 1614 | 1617 | 1494 | 930 |
| 40/ 39 | .7 | 2.9 | 2.6 | 2.0 | 1.2 | .2 | .0 | | | | | | | | | | | 1847 | 1847 | 1701 | 1026 |
| 38/ 37 | .5 | 2.6 | 2.3 | 1.8 | .9 | .1 | | | | | | | | | | | | 1569 | 1569 | 1748 | 1149 |
| 36/ 35 | .5 | 2.8 | 2.5 | 1.8 | .5 | .0 | | | | | | | | | | | | 1556 | 1556 | 1806 | 1219 |
| 34/ 33 | .5 | 2.3 | 1.9 | 1.4 | .2 | | | | | | | | | | | | | 1225 | 1225 | 1781 | 1346 |
| 32/ 31 | .4 | 1.4 | 1.7 | 1.1 | .1 | | | | | | | | | | | | | 917 | 917 | 1546 | 1443 |
| 30/ 29 | .2 | .9 | 1.7 | .8 | .1 | | | | | | | | | | | | | 686 | 686 | 1179 | 1344 |
| 28/ 27 | .1 | .7 | 1.3 | .4 | | | | | | | | | | | | | | 475 | 475 | 811 | 1234 |
| 26/ 25 | .1 | .5 | 1.0 | .1 | | | | | | | | | | | | | | 328 | 328 | 731 | 1139 |
| 24/ 23 | .0 | .5 | .6 | .0 | | | | | | | | | | | | | | 214 | 214 | 465 | 937 |
| 22/ 21 | .0 | .3 | .3 | | | | | | | | | | | | | | | 120 | 120 | 313 | 798 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 20/ 19 | .1 | .3 | .2 | | | | | | | | | | | | | | | 98 | 98 | 186 | 711 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 31 | 31 | 86 | 726 |
| 16/ 15 | .0 | .1 | .0 | | | | | | | | | | | | | | | 31 | 31 | 46 | 707 |
| 14/ 13 | | .1 | .0 | | | | | | | | | | | | | | | 11 | 11 | 31 | 456 |
| 12/ 11 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 9 | 377 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 219 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 160 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 98 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 57 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 48 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 9 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 6.4 | 26.4 | 25.1 | 19.4 | 11.3 | 5.9 | 3.0 | 1.4 | .6 | .4 | .1 | .0 | .0 | | | | | 19254 | 19257 | 19255 | 19255 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 94680467 | 1299079 | 67.5 | 19.110 | 19254 | | | | | | | |
| Dry Bulb | 36758630 | 816568 | 42.4 | 10.525 | 19257 | | 112.7 | 19.6 | 7.5 | 1.1 | | 744 |
| Wet Bulb | 29424054 | 731170 | 38.0 | 9.283 | 19255 | | 209.0 | 1.0 | | | | 744 |
| Dew Point | 21535707 | 604061 | 31.4 | 11.588 | 19255 | .5 | 404.1 | | | | | 744 |

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (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 |
| 90/ 89 | | | | | | | | | | | .0 | .0 | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | | | | .0 | | .0 | .0 | | | | | | 9 | 9 | | |
| 86/ 85 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .1 | .0 | | | | | 30 | 30 | | |
| 84/ 83 | | | | | | | .0 | .0 | .1 | .1 | .1 | .0 | | | | | | 56 | 56 | | |
| 82/ 81 | | | | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | 89 | 89 | | |
| 80/ 79 | | | | | .0 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | 100 | 100 | | |
| 78/ 77 | | | | | .0 | .1 | .2 | .1 | .1 | .1 | .1 | .1 | | | | | | 139 | 139 | 1 | |
| 76/ 75 | | | | .0 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | 180 | 180 | 1 | |
| 74/ 73 | | | .0 | .1 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | | | | | | | 247 | 247 | | 1 |
| 72/ 71 | | | .0 | .2 | .4 | .2 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | 296 | 296 | 16 | |
| 70/ 69 | | .0 | .2 | .3 | .4 | .4 | .2 | .2 | .2 | .1 | .0 | | | | | | | 357 | 357 | 57 | 1 |
| 68/ 67 | | .1 | .4 | .4 | .3 | .4 | .3 | .2 | .2 | .1 | | | | | | | | 427 | 427 | 131 | 11 |
| 66/ 65 | .0 | .3 | .6 | .5 | .3 | .4 | .3 | .4 | .2 | .1 | | | | | | | | 551 | 551 | 295 | 56 |
| 64/ 63 | .0 | .5 | .6 | .5 | .5 | .4 | .3 | .5 | .1 | .0 | | | | | | | | 655 | 657 | 442 | 157 |
| 62/ 61 | .1 | .6 | .6 | .6 | .5 | .5 | .5 | .4 | .2 | .0 | | | | | | | | 734 | 734 | 521 | 325 |
| 60/ 59 | .1 | .8 | .7 | .8 | .7 | .8 | .7 | .4 | .1 | | | | | | | | | 930 | 930 | 623 | 435 |
| 58/ 57 | .4 | 1.0 | .9 | .7 | .8 | .9 | .6 | .4 | .0 | | | | | | | | | 1070 | 1070 | 755 | 555 |
| 56/ 55 | .5 | 1.3 | 1.0 | 1.1 | 1.0 | 1.0 | .8 | .2 | | | | | | | | | | 1306 | 1306 | 923 | 670 |
| 54/ 53 | .7 | 1.5 | 1.2 | 1.1 | 1.0 | 1.0 | .6 | .1 | .0 | | | | | | | | | 1342 | 1342 | 1017 | 729 |
| 52/ 51 | .6 | 1.8 | 1.4 | 1.2 | 1.3 | 1.0 | .3 | .1 | .0 | | | | | | | | | 1407 | 1407 | 1175 | 836 |
| 50/ 49 | .6 | 2.2 | 1.8 | 1.5 | 1.5 | .9 | .3 | .0 | | | | | | | | | | 1635 | 1636 | 1461 | 897 |
| 48/ 47 | .5 | 2.5 | 1.7 | 1.5 | 1.4 | .6 | .1 | .0 | | | | | | | | | | 1540 | 1540 | 1614 | 1048 |
| 46/ 45 | .4 | 2.4 | 1.7 | 1.7 | .9 | .4 | .0 | | | | | | | | | | | 1381 | 1381 | 1783 | 1138 |
| 44/ 43 | .5 | 1.9 | 1.7 | 1.3 | .8 | .2 | .0 | | | | | | | | | | | 1166 | 1166 | 1724 | 1274 |
| 42/ 41 | .3 | 1.3 | 1.5 | 1.2 | .5 | .1 | .0 | | | | | | | | | | | 907 | 907 | 1563 | 1233 |
| 40/ 39 | .2 | 1.1 | 1.5 | .8 | .4 | .0 | .0 | | | | | | | | | | | 748 | 748 | 1346 | 1180 |
| 38/ 37 | .1 | .8 | .9 | .5 | .2 | .0 | .0 | | | | | | | | | | | 468 | 468 | 1008 | 1239 |
| 36/ 35 | .1 | .5 | .8 | .4 | .1 | | | | | | | | | | | | | 355 | 355 | 807 | 1211 |
| 34/ 33 | .1 | .3 | .4 | .3 | .0 | .0 | | | | | | | | | | | | 206 | 206 | 531 | 1162 |
| 32/ 31 | .0 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 114 | 114 | 352 | 1009 |
| 30/ 29 | .0 | .1 | .3 | .0 | | | | | | | | | | | | | | 86 | 86 | 200 | 818 |
| 28/ 27 | | .1 | .0 | .0 | | | | | | | | | | | | | | 27 | 27 | 134 | 692 |
| 26/ 25 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 69 | 621 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 11 | 439 |

| 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 297 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 182 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 149 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 110 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 50 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.1 | 21.4 | 20.1 | 16.8 | 13.1 | 9.8 | 6.0 | 3.7 | 2.2 | 1.1 | .5 | .2 | .0 | | | | | 18563 | 18566 | 18563 | 18561 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 90568488 | 1243050 | 67.0 | 19.865 | 18562 | | | | | | | |
| Dry Bulb | 53372876 | 976532 | 52.6 | 10.404 | 18566 | | 8.9 | 75.0 | 33.1 | 9.5 | | 720 |
| Wet Bulb | 42231809 | 870323 | 46.9 | 8.768 | 18563 | | 29.8 | 8.0 | .1 | | | 720 |
| Dew Point | 32943713 | 759459 | 40.7 | 10.876 | 18561 | .0 | 170.8 | .5 | .0 | | | 720 |

USAFETAC FORM 0-26-5 (OL A) 7/0 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY 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 |
| 98/ 97 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | .0 | .0 | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | .0 | .0 | .0 | | | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | | | | .0 | .1 | .0 | | | | | | 21 | 21 | | |
| 90/ 89 | | | | | | | | .0 | .0 | .1 | .1 | .0 | | | | | | 43 | 43 | | |
| 88/ 87 | | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | 90 | 90 | | |
| 86/ 85 | | | | | | .0 | .1 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | 133 | 133 | | |
| 84/ 83 | | | | | .0 | .1 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | 208 | 208 | | |
| 82/ 81 | | | | .0 | .1 | .3 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | 269 | 269 | | |
| 80/ 79 | | | | .1 | .2 | .5 | .3 | .3 | .2 | .2 | .2 | .0 | .0 | | | | | 374 | 374 | | |
| 78/ 77 | | | .0 | .2 | .5 | .4 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | 506 | 506 | 1 | |
| 76/ 75 | | .0 | .1 | .5 | .5 | .5 | .4 | .4 | .3 | .1 | .0 | .0 | | | | | | 557 | 557 | 36 | |
| 74/ 73 | | .0 | .3 | .7 | .6 | .6 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | 702 | 703 | 135 | 4 |
| 72/ 71 | .0 | .2 | .7 | .7 | .7 | .6 | .6 | .4 | .4 | .1 | .0 | | | | | | | 871 | 872 | 355 | 51 |
| 70/ 69 | .0 | .6 | 1.2 | .9 | .8 | .8 | .6 | .5 | .3 | .1 | .0 | | | | | | | 1122 | 1126 | 647 | 184 |
| 68/ 67 | .1 | 1.0 | 1.3 | 1.0 | .8 | .8 | .6 | .5 | .3 | .0 | | | | | | | | 1223 | 1228 | 886 | 511 |
| 66/ 65 | .2 | 1.6 | 1.4 | 1.0 | 1.0 | .7 | .7 | .3 | .1 | .0 | | | | | | | | 1372 | 1375 | 1036 | 714 |
| 64/ 63 | .5 | 1.9 | 1.3 | 1.2 | .9 | .8 | .6 | .2 | .1 | .0 | .0 | | | | | | | 1464 | 1467 | 1335 | 1021 |
| 62/ 61 | .4 | 2.3 | 1.3 | 1.2 | 1.0 | .8 | .6 | .2 | .1 | | | | | | | | | 1500 | 1502 | 1544 | 1178 |
| 60/ 59 | .9 | 2.5 | 1.4 | 1.4 | 1.0 | .9 | .5 | .1 | .0 | | | | | | | | | 1680 | 1683 | 1722 | 1408 |
| 58/ 57 | .6 | 2.2 | 1.7 | 1.3 | 1.1 | .7 | .3 | .1 | .0 | | | | | | | | | 1524 | 1526 | 1704 | 1331 |
| 56/ 55 | .4 | 2.2 | 1.9 | 1.4 | 1.0 | .5 | .2 | .0 | | | | | | | | | | 1455 | 1456 | 1764 | 1363 |
| 54/ 53 | .4 | 1.9 | 1.5 | 1.1 | .7 | .2 | .1 | .0 | | | | | | | | | | 1141 | 1146 | 1656 | 1442 |
| 52/ 51 | .3 | 1.5 | 1.4 | .9 | .5 | .1 | .0 | | | | | | | | | | | 909 | 909 | 1590 | 1454 |
| 50/ 49 | .2 | 1.4 | 1.4 | .7 | .3 | .1 | .0 | | | | | | | | | | | 806 | 806 | 1461 | 1384 |
| 48/ 47 | .1 | 1.1 | .8 | .5 | .1 | .1 | | | | | | | | | | | | 522 | 523 | 1205 | 1265 |
| 46/ 45 | .1 | .8 | .5 | .3 | .1 | .0 | | | | | | | | | | | | 352 | 352 | 675 | 1314 |
| 44/ 43 | .0 | .3 | .3 | .2 | .1 | | | | | | | | | | | | | 186 | 186 | 578 | 1165 |
| 42/ 41 | .0 | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 96 | 96 | 312 | 953 |
| 40/ 39 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | 41 | 41 | 186 | 705 |
| 38/ 37 | | .0 | .0 | .0 | | | | | | | | | | | | | | 16 | 16 | 89 | 555 |
| 36/ 35 | | .0 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 57 | 432 |
| 34/ 33 | | | .0 | .0 | | | | | | | | | | | | | | 4 | 4 | 21 | 283 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 7 | 156 |

| 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 FM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (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 | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 115 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 91 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 64 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 33 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 11 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.4 | 21.9 | 18.8 | 15.5 | 12.0 | 9.8 | 7.0 | 4.9 | 3.1 | 1.5 | .8 | .2 | .1 | .0 | | | | 19206 | 19232 | 19206 | 19206 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 101608463 | 1350589 | 70.3 | 18.585 | 19206 | | | | | | | |
| Dry Bulb | 76552754 | 1199210 | 62.4 | 9.610 | 19232 | | | 237.3 | 112.7 | 37.3 | .4 | 744 |
| Wet Bulb | 61986607 | 1080715 | 56.3 | 7.822 | 19206 | | .4 | 79.8 | 6.7 | | | 744 |
| Dew Point | 52644088 | 989140 | 51.5 | 9.413 | 19206 | | 18.9 | 29.1 | .2 | | | 744 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | .0 | .0 | | | | | | 5 | 5 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | 15 | 15 | | |
| 96/ 95 | | | | | | | .0 | .0 | .1 | .1 | .0 | .1 | .0 | | | | | 60 | 60 | | |
| 94/ 93 | | | | | | | .0 | .1 | .1 | .1 | .2 | .1 | .0 | | | | | 105 | 105 | | |
| 92/ 91 | | | | | | .0 | .1 | .2 | .2 | .3 | .2 | .1 | .0 | .0 | | | | 193 | 193 | | |
| 90/ 89 | | | | | .0 | .1 | .2 | .4 | .4 | .2 | .1 | .1 | .0 | | | | | 305 | 305 | | |
| 88/ 87 | | | | .0 | .0 | .3 | .6 | .6 | .3 | .3 | .1 | .0 | .0 | .0 | | | | 434 | 434 | | |
| 86/ 85 | | | .0 | .0 | .3 | .7 | .9 | .6 | .5 | .3 | .2 | .0 | .0 | | | | | 645 | 645 | | |
| 84/ 83 | | | .0 | .1 | .5 | 1.0 | .7 | .6 | .4 | .3 | .1 | .0 | .0 | | | | | 685 | 685 | 3 | |
| 82/ 81 | .0 | .0 | .1 | .5 | 1.1 | 1.0 | .7 | .5 | .4 | .1 | .1 | .0 | | | | | | 804 | 804 | 32 | 3 |
| 80/ 79 | | .1 | .4 | 1.1 | 1.2 | 1.0 | .6 | .5 | .3 | .2 | .1 | .0 | | | | | | 1005 | 1005 | 113 | 18 |
| 78/ 77 | | .2 | .9 | 1.3 | 1.1 | .8 | .7 | .5 | .3 | .1 | .0 | | | | | | | 1091 | 1091 | 333 | 37 |
| 76/ 75 | .0 | .4 | 1.5 | 1.4 | 1.1 | .9 | .6 | .4 | .3 | .1 | .1 | | | | | | | 1255 | 1255 | 814 | 165 |
| 74/ 73 | .1 | 1.4 | 1.9 | 1.3 | .9 | .8 | .7 | .3 | .3 | .1 | .0 | | | | | | | 1434 | 1434 | 1413 | 538 |
| 72/ 71 | .2 | 2.5 | 2.0 | 1.1 | 1.1 | .8 | .5 | .3 | .1 | .0 | | | | | | | | 1578 | 1579 | 1708 | 1122 |
| 70/ 69 | .4 | 3.0 | 1.9 | 1.4 | 1.1 | .8 | .5 | .2 | .0 | .0 | | | | | | | | 1720 | 1723 | 1988 | 1770 |
| 68/ 67 | .5 | 2.5 | 2.0 | 1.2 | 1.0 | .6 | .3 | .1 | .1 | .0 | | | | | | | | 1551 | 1555 | 1969 | 1936 |
| 66/ 65 | .6 | 2.2 | 1.8 | 1.2 | .8 | .5 | .2 | .1 | .0 | | | | | | | | | 1351 | 1352 | 1777 | 1812 |
| 64/ 63 | .5 | 2.1 | 1.5 | 1.0 | .6 | .2 | .1 | .0 | | | | | | | | | | 1129 | 1130 | 1780 | 1560 |
| 62/ 61 | .4 | 2.0 | 1.3 | .9 | .4 | .2 | .0 | .0 | | | | | | | | | | 958 | 959 | 1642 | 1602 |
| 60/ 59 | .2 | 1.7 | 1.1 | .7 | .2 | .1 | .0 | | | | | | | | | | | 745 | 745 | 1400 | 1458 |
| 58/ 57 | .2 | 1.3 | .8 | .4 | .2 | .0 | | | | | | | | | | | | 540 | 541 | 1235 | 1445 |
| 56/ 55 | .1 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 333 | 333 | 884 | 1326 |
| 54/ 53 | .1 | .4 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 204 | 204 | 545 | 1008 |
| 52/ 51 | .1 | .3 | .2 | .0 | .0 | | | | | | | | | | | | | 101 | 101 | 353 | 793 |
| 50/ 49 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 52 | 52 | 197 | 621 |
| 48/ 47 | | .0 | .0 | | .0 | | | | | | | | | | | | | 12 | 12 | 85 | 412 |
| 46/ 45 | | .1 | | .0 | | | | | | | | | | | | | | 16 | 16 | 34 | 294 |
| 44/ 43 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 16 | 156 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 135 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 31 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 24 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUN MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 3.5 | 21.2 | 18.3 | 14.1 | 12.0 | 9.9 | 7.5 | 5.5 | 3.9 | 2.3 | 1.1 | .5 | .1 | .0 | | | | 18327 | 18339 | 18327 | 18327 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 101798025 | 1328925 | 72.5 | 17.222 | 18327 | | | | | | | |
| Dry Bulb | 95655504 | 1313944 | 71.6 | 9.088 | 18339 | | | 506.2 | 315.5 | 149.5 | 7.3 | 720 |
| Wet Bulb | 78599648 | 1193722 | 65.1 | 6.799 | 18327 | | | 328.9 | 106.4 | 3.0 | | 720 |
| Dew Point | 70203666 | 1125468 | 61.4 | 7.706 | 18327 | | | 219.6 | 29.9 | .4 | | 720 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | .0 | .0 | | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | .0 | .0 | .0 | .0 | | | | | 11 | 11 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | 25 | 25 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .0 | .1 | .1 | .0 | | | | | 77 | 77 | | |
| 94/ 93 | | | | | | | .0 | .1 | .2 | .2 | .2 | .1 | .0 | | | | | 168 | 168 | | |
| 92/ 91 | | | | | | .1 | .2 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | 298 | 298 | | |
| 90/ 89 | | | | | .1 | .2 | .6 | .8 | .6 | .4 | .2 | .0 | .0 | .0 | | | | 543 | 543 | | |
| 88/ 87 | | | | .1 | .2 | .7 | .8 | .7 | .5 | .3 | .1 | .0 | .0 | .0 | | | | 652 | 652 | | |
| 86/ 85 | | | .0 | .2 | .8 | .9 | 1.0 | .6 | .5 | .3 | .1 | .0 | .0 | | | | | 871 | 871 | | |
| 84/ 83 | | .0 | .1 | .5 | 1.1 | 1.1 | .8 | .7 | .5 | .3 | .1 | .1 | | | | | | 995 | 996 | | |
| 82/ 81 | | .0 | .5 | 1.4 | 1.3 | 1.0 | .9 | .7 | .4 | .3 | .1 | .0 | | | | | | 1270 | 1270 | 76 | 2 |
| 80/ 79 | | .2 | 1.2 | 2.1 | 1.4 | 1.1 | .8 | .6 | .5 | .2 | .1 | .0 | | | | | | 1554 | 1554 | 290 | 37 |
| 78/ 77 | .1 | 1.3 | 2.2 | 2.0 | 1.3 | .9 | .8 | .6 | .4 | .1 | .0 | | | | | | | 1838 | 1838 | 943 | 205 |
| 76/ 75 | .2 | 2.9 | 3.0 | 1.8 | 1.3 | .9 | .7 | .4 | .1 | .0 | .0 | | | | | | | 2163 | 2167 | 1888 | 776 |
| 74/ 73 | .8 | 3.9 | 2.5 | 1.6 | 1.0 | .7 | .4 | .2 | .1 | .0 | | | | | | | | 2132 | 2135 | 2641 | 1849 |
| 72/ 71 | 1.1 | 4.0 | 2.1 | 1.3 | .8 | .4 | .2 | .1 | .0 | .0 | | | | | | | | 1935 | 1939 | 2983 | 2558 |
| 70/ 69 | 1.1 | 2.9 | 2.2 | 1.3 | .7 | .3 | .1 | .0 | | | | | | | | | | 1654 | 1661 | 2727 | 2716 |
| 68/ 67 | .6 | 1.9 | 1.7 | .9 | .5 | .2 | .1 | .0 | | | | | | | | | | 1087 | 1088 | 2105 | 2189 |
| 66/ 65 | .3 | 1.7 | 1.2 | .6 | .3 | .1 | .0 | | | | | | | | | | | 790 | 790 | 1803 | 1844 |
| 64/ 63 | .2 | 1.3 | .9 | .3 | .1 | .1 | .0 | | | | | | | | | | | 556 | 557 | 1483 | 1683 |
| 62/ 61 | .1 | .7 | .4 | .2 | .1 | .0 | | | | | | | | | | | | 283 | 284 | 1021 | 1477 |
| 60/ 59 | .1 | .5 | .2 | .1 | .0 | | | | | | | | | | | | | 162 | 163 | 681 | 1177 |
| 58/ 57 | .0 | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 56 | 56 | 301 | 980 |
| 56/ 55 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 25 | 25 | 139 | 636 |
| 54/ 53 | | .0 | .0 | | | | | | | | | | | | | | | 10 | 10 | 53 | 405 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 20 | 294 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 137 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 101 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 66 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 17 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 5 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUL MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 4.5 | 21.5 | 18.4 | 14.2 | 10.9 | 8.6 | 7.4 | 6.0 | 4.0 | 2.3 | 1.5 | .6 | .2 | .0 | | | | 19158 | 19158 | 19181 | 19158 | 19156 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 110785903 | 1418495 | 74.0 | 17.329 | 19157 | | | | | | | |
| Dry Bulb | 111369448 | 1454584 | 75.8 | 7.440 | 19181 | | | 670.9 | 489.0 | 222.5 | 11.0 | 744 |
| Wet Bulb | 92667019 | 1328567 | 69.3 | 5.278 | 19158 | | | 530.2 | 226.7 | 6.7 | | 744 |
| Dew Point | 84385643 | 1265511 | 66.1 | 6.423 | 19158 | | | 401.2 | 111.4 | .3 | | 744 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 |
| 100/ 99 | | | | | | | | | | | | | | .0 | | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | .0 | .0 | .0 | | | | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .0 | .0 | .0 | | | | | | 30 | 30 | | |
| 94/ 93 | | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | 69 | 69 | | |
| 92/ 91 | | | | .0 | | .0 | .2 | .3 | .2 | .1 | .0 | .0 | | | | | | 161 | 161 | | |
| 90/ 89 | | | | .0 | .0 | .2 | .4 | .5 | .2 | .2 | .1 | .0 | | | | | | 325 | 325 | | |
| 88/ 87 | | | | .0 | .1 | .4 | .6 | .5 | .4 | .2 | .1 | .0 | .0 | .0 | | | | 456 | 456 | | |
| 86/ 85 | | | | .2 | .6 | .8 | .7 | .6 | .3 | .2 | .1 | .0 | | | | | | 670 | 670 | 1 | |
| 84/ 83 | | | .0 | .6 | 1.0 | 1.0 | .8 | .5 | .3 | .1 | .0 | | | | | | | 877 | 877 | 1 | 2 |
| 82/ 81 | | .0 | .5 | 1.2 | 1.1 | .9 | .8 | .6 | .4 | .2 | .0 | .0 | | | | | | 1097 | 1097 | 28 | |
| 80/ 79 | | .2 | 1.2 | 1.6 | 1.1 | 1.0 | .9 | .6 | .3 | .2 | | | | | | | | 1361 | 1361 | 223 | 13 |
| 78/ 77 | .0 | 1.3 | 1.9 | 1.4 | 1.2 | .9 | .9 | .0 | .4 | .1 | .0 | | | | | | | 1688 | 1688 | 793 | 146 |
| 76/ 75 | .2 | 2.6 | 2.6 | 1.7 | 1.3 | 1.1 | .7 | .5 | .3 | .1 | .0 | | | | | | | 2136 | 2138 | 1527 | 693 |
| 74/ 73 | .4 | 3.7 | 2.8 | 1.6 | 1.1 | .8 | .5 | .4 | .1 | .0 | | | | | | | | 2247 | 2247 | 2165 | 1525 |
| 72/ 71 | .8 | 4.2 | 2.4 | 1.4 | .9 | .5 | .3 | .1 | .1 | | | | | | | | | 2077 | 2079 | 2588 | 2266 |
| 70/ 69 | .9 | 3.4 | 2.3 | 1.5 | .7 | .4 | .3 | .1 | .0 | | | | | | | | | 1837 | 1842 | 2634 | 2378 |
| 68/ 67 | .4 | 3.0 | 1.9 | .8 | .5 | .3 | .1 | .0 | | | | | | | | | | 1345 | 1349 | 2292 | 2177 |
| 66/ 65 | .3 | 2.3 | 1.4 | .7 | .4 | .1 | .0 | | | | | | | | | | | 1021 | 1021 | 2104 | 1979 |
| 64/ 63 | .2 | 1.4 | .9 | .7 | .1 | .0 | .0 | | | | | | | | | | | 637 | 637 | 1632 | 1745 |
| 62/ 61 | .1 | 1.1 | .8 | .5 | .1 | .0 | | | | | | | | | | | | 489 | 489 | 1157 | 1583 |
| 60/ 59 | .1 | .8 | .7 | .3 | .0 | .0 | | | | | | | | | | | | 366 | 366 | 855 | 1259 |
| 58/ 57 | .0 | .4 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 180 | 180 | 619 | 992 |
| 56/ 55 | .0 | .3 | .3 | .0 | .0 | .0 | | | | | | | | | | | | 123 | 123 | 321 | 833 |
| 54/ 53 | | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 39 | 39 | 191 | 644 |
| 52/ 51 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 12 | 12 | 90 | 445 |
| 50/ 49 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 21 | 291 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 9 | 141 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 83 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 38 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 3.5 | 24.7 | 20.3 | 14.5 | 10.4 | 8.5 | 7.2 | 5.4 | 3.3 | 1.5 | .4 | .1 | .0 | .0 | | | | 19254 | 19267 | 19254 | 19254 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $s$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 114696941 | 1452515 | 75.4 | 16.7 | 19254 | | | | | | | |
| Dry Bulb | 106691035 | 1426565 | 74.0 | 7.437 | 19267 | | | 633.2 | 429.7 | 169.7 | 4.2 | 744 |
| Wet Bulb | 90066429 | 1312157 | 68.1 | 5.780 | 19254 | | | 473.4 | 183.1 | 3.9 | | 744 |
| Dew Point | 82306982 | 1251952 | 65.0 | 6.842 | 19254 | | | 355.5 | 91.9 | .2 | | 744 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | .0 | .0 | | .0 | .0 | | | | | 11 | 11 | | |
| 94/ 93 | | | | | | | | .0 | .0 | .0 | .0 | .0 | 0 | | | | | | 21 | 21 | | |
| 92/ 91 | | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | | .0 | | | | | 62 | 62 | | |
| 90/ 89 | | | | | | .0 | .2 | .2 | .1 | .1 | .1 | .0 | | .0 | | | | | 146 | 146 | | |
| 88/ 87 | | | | .0 | .0 | .2 | .4 | .2 | .2 | .1 | .1 | | | | | | | | 213 | 213 | | |
| 86/ 85 | | | .0 | .0 | .2 | .4 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | 298 | 298 | | |
| 84/ 83 | | | .0 | .2 | .4 | .4 | .3 | .2 | .2 | .0 | .1 | .0 | | | | | | | 350 | 350 | | |
| 82/ 81 | | | .1 | .4 | .6 | .4 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | | | 497 | 497 | 4 | |
| 80/ 79 | | .0 | .3 | .7 | .6 | .6 | .5 | .4 | .2 | .1 | .1 | .0 | | | | | | | 686 | 686 | 50 | 6 |
| 78/ 77 | | .4 | .9 | .9 | .8 | .5 | .3 | .4 | .2 | .1 | .1 | | | | | | | | 917 | 917 | 267 | 24 |
| 76/ 75 | .1 | 1.3 | 1.3 | 1.1 | .6 | .6 | .6 | .4 | .2 | .2 | .0 | | | | | | | | 1231 | 1231 | 620 | 196 |
| 74/ 73 | .2 | 1.9 | 1.6 | 1.0 | .8 | .7 | .6 | .5 | .2 | .1 | | | | | | | | | 1439 | 1440 | 1055 | 626 |
| 72/ 71 | .3 | 2.7 | 1.8 | 1.1 | .8 | .8 | .5 | .3 | .1 | .1 | | | | | | | | | 1613 | 1614 | 1350 | 1131 |
| 70/ 69 | .7 | 3.3 | 1.8 | 1.4 | .7 | .8 | .6 | .4 | .1 | .0 | | | | | | | | | 1879 | 1880 | 1696 | 1413 |
| 68/ 67 | .6 | 2.9 | 2.2 | 1.1 | .9 | .6 | .5 | .2 | .0 | | | | | | | | | | 1733 | 1738 | 1706 | 1549 |
| 66/ 65 | .4 | 2.4 | 2.0 | 1.3 | .7 | .7 | .3 | .2 | .0 | | | | | | | | | | 1519 | 1523 | 1623 | 1452 |
| 64/ 63 | .4 | 2.4 | 1.7 | 1.0 | .7 | .4 | .3 | .1 | | | | | | | | | | | 1333 | 1337 | 1708 | 1353 |
| 62/ 61 | .3 | 2.1 | 1.4 | 1.0 | .6 | .3 | .2 | .0 | | | | | | | | | | | 1116 | 1121 | 1720 | 1475 |
| 60/ 59 | .3 | 2.3 | 1.3 | .9 | .5 | .3 | .1 | .0 | | | | | | | | | | | 1096 | 1096 | 1522 | 1420 |
| 58/ 57 | .2 | 2.1 | 1.4 | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | | 927 | 927 | 1468 | 1430 |
| 56/ 55 | .1 | 1.7 | 1.1 | .6 | .2 | .1 | .0 | | | | | | | | | | | | 706 | 706 | 1272 | 1326 |
| 54/ 53 | .1 | 1.0 | .9 | .4 | .1 | .1 | | | | | | | | | | | | | 481 | 481 | 973 | 1174 |
| 52/ 51 | .1 | .9 | .5 | .2 | .1 | .0 | | | | | | | | | | | | | 336 | 336 | 805 | 1018 |
| 50/ 49 | .1 | .5 | .4 | .1 | .0 | .0 | | | | | | | | | | | | | 212 | 212 | 537 | 962 |
| 48/ 47 | .0 | .4 | .3 | .1 | .0 | | | | | | | | | | | | | | 149 | 148 | 307 | 815 |
| 46/ 45 | .0 | .3 | .3 | .0 | | | | | | | | | | | | | | | 110 | 110 | 204 | 594 |
| 44/ 43 | | .1 | .1 | .0 | | | | | | | | | | | | | | | 47 | 47 | 143 | 388 |
| 42/ 41 | | .0 | .0 | | | | | | | | | | | | | | | | 13 | 16 | 77 | 285 |
| 40/ 39 | | .0 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 32 | 224 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 11 | 139 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 | 67 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 55 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 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 | ≥ 90 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 YEARS | SEP MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.0 | 28.7 | 21.3 | 14.1 | 9.5 | 8.0 | 6.3 | 4.2 | 2.1 | 1.0 | .5 | .1 | .0 | .0 | | | | 19152 | 19172 | 19152 | 19151 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 115374151 | 1451167 | 75.8 | 16.811 | 19151 | | | | | | | |
| Dry Bulb | 90220509 | 1303607 | 68.0 | 9.082 | 19172 | | | 417.0 | 220.6 | 73.3 | 1.2 | 720 |
| Wet Bulb | 76380500 | 1200158 | 62.7 | 7.025 | 19152 | | | 253.7 | 75.0 | .5 | | 720 |
| Dew Point | 68872162 | 1135262 | 59.3 | 9.067 | 19151 | | 1.1 | 185.9 | 32.0 | .1 | | 720 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (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 | | | | |
| 92/ 91 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | .0 | .0 | | | | | | | | 5 | 5 | | |
| 88/ 87 | | | | | | .0 | | .0 | .0 | .0 | .0 | | | | | | | 13 | 13 | | |
| 86/ 85 | | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | 35 | 35 | | |
| 84/ 83 | | | | .0 | .0 | .1 | .0 | .1 | .1 | .0 | | | | | | | | 46 | 46 | | |
| 82/ 81 | | | | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | .0 | | | | | | 63 | 63 | | |
| 80/ 79 | | | .0 | .1 | .0 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | 99 | 100 | | |
| 78/ 77 | | .0 | .0 | .1 | .1 | .2 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | 169 | 169 | 2 | |
| 76/ 75 | | .0 | .1 | .2 | .2 | .2 | .2 | .2 | .1 | .0 | .0 | | | | | | | 248 | 248 | 16 | 1 |
| 74/ 73 | .0 | .2 | .1 | .2 | .3 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | 341 | 341 | 77 | 21 |
| 72/ 71 | .0 | .3 | .3 | .6 | .4 | .3 | .4 | .2 | .0 | .0 | .0 | .0 | | | | | | 509 | 509 | 159 | 79 |
| 70/ 69 | .1 | .5 | .8 | .7 | .4 | .4 | .3 | .3 | .1 | .0 | .0 | | | | | | | 718 | 718 | 205 | 158 |
| 68/ 67 | .1 | .7 | 1.1 | .7 | .5 | .5 | .4 | .2 | .1 | .0 | | | | | | | | 852 | 852 | 474 | 175 |
| 66/ 65 | .3 | 1.8 | 1.1 | .8 | .7 | .4 | .5 | .2 | .1 | .0 | | | | | | | | 1128 | 1128 | 723 | 462 |
| 64/ 63 | .5 | 2.6 | 1.3 | 1.0 | .6 | .6 | .6 | .2 | .0 | .0 | | | | | | | | 1417 | 1419 | 1043 | 767 |
| 62/ 61 | .5 | 2.7 | 1.2 | .8 | .7 | .7 | .5 | .2 | .0 | | | | | | | | | 1409 | 1411 | 1278 | 958 |
| 60/ 59 | .4 | 2.5 | 1.3 | 1.2 | .9 | .7 | .4 | .1 | .0 | | | | | | | | | 1474 | 1478 | 1320 | 1134 |
| 58/ 57 | .4 | 2.4 | 1.5 | 1.3 | .8 | .6 | .4 | .1 | | | | | | | | | | 1440 | 1440 | 1308 | 1038 |
| 56/ 55 | .4 | 2.5 | 2.0 | 1.2 | .9 | .7 | .3 | .0 | | | | | | | | | | 1564 | 1566 | 1347 | 1107 |
| 54/ 53 | .3 | 2.6 | 1.8 | 1.1 | .8 | .4 | .1 | .0 | | | | | | | | | | 1395 | 1398 | 1497 | 1196 |
| 52/ 51 | .4 | 2.3 | 1.6 | 1.3 | .7 | .5 | .1 | | | | | | | | | | | 1335 | 1337 | 1675 | 1234 |
| 50/ 49 | .4 | 1.9 | 1.8 | 1.2 | .5 | .3 | .1 | | | | | | | | | | | 1177 | 1178 | 1539 | 1323 |
| 48/ 47 | .3 | 1.7 | 1.5 | .9 | .4 | .1 | .0 | | | | | | | | | | | 966 | 966 | 1394 | 1315 |
| 46/ 45 | .2 | 1.8 | 1.4 | .7 | .2 | .1 | | | | | | | | | | | | 825 | 826 | 1332 | 1227 |
| 44/ 43 | .2 | 1.3 | 1.1 | .5 | .2 | .1 | .0 | | | | | | | | | | | 650 | 650 | 1067 | 1091 |
| 42/ 41 | .1 | 1.0 | .7 | .3 | .1 | .0 | | | | | | | | | | | | 432 | 432 | 896 | 1229 |
| 40/ 39 | .1 | 1.0 | .7 | .2 | .1 | | | | | | | | | | | | | 393 | 393 | 642 | 975 |
| 38/ 37 | .0 | .6 | .3 | .1 | .0 | | | | | | | | | | | | | 208 | 208 | 463 | 919 |
| 36/ 35 | .1 | .4 | .3 | .1 | | | | | | | | | | | | | | 160 | 160 | 335 | 793 |
| 34/ 33 | | .3 | .1 | .0 | | | | | | | | | | | | | | 79 | 79 | 185 | 565 |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | 29 | 29 | 133 | 443 |
| 30/ 29 | | .0 | .1 | | | | | | | | | | | | | | | 23 | 23 | 42 | 377 |
| 28/ 27 | | .0 | .0 | | | | | | | | | | | | | | | 11 | 11 | 21 | 227 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 18 | 127 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 85 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 74 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 59 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 35 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 9 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.8 | 31.5 | 22.6 | 15.2 | 9.9 | 7.4 | 4.9 | 2.4 | .9 | .3 | .1 | .0 | | | | | | | 19233 | | 19214 |
| | | | | | | | | | | | | | | | | | | 19215 | | 19215 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 112731423 | 1433517 | 74.6 | 17.352 | 19215 | | | | | | | |
| Dry Bulb | 64294485 | 1096195 | 57.0 | 9.718 | 19233 | | 2.5 | 119.9 | 39.5 | 8.5 | | 744 |
| Wet Bulb | 54252837 | 1006569 | 52.4 | 8.907 | 19215 | | 8.4 | 36.1 | 3.7 | | | 744 |
| Dew Point | 46852731 | 926651 | 48.2 | 10.609 | 19214 | | 56.0 | 16.8 | .9 | | | 744 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | .0 | | .0 | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | | | .0 | .0 | | | .0 | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 7 | 7 | | |
| 78/ 77 | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | 24 | 24 | | |
| 76/ 75 | | | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | | 35 | 35 | 2 | |
| 74/ 73 | | | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 34 | 34 | 4 | |
| 72/ 71 | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | 87 | 87 | 7 | 6 |
| 70/ 69 | | .0 | .3 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | 147 | 147 | 26 | 7 |
| 68/ 67 | | .2 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | 210 | 210 | 69 | 11 |
| 66/ 65 | .0 | .2 | .2 | .3 | .1 | .2 | .2 | .1 | .0 | | | | | | | | | 249 | 249 | 136 | 90 |
| 64/ 63 | .1 | .4 | .3 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | 336 | 336 | 160 | 135 |
| 62/ 61 | .1 | .6 | .4 | .4 | .3 | .3 | .2 | .0 | .0 | | | | | | | | | 459 | 459 | 251 | 161 |
| 60/ 59 | .4 | 1.4 | .6 | .4 | .5 | .4 | .3 | .0 | | | | | | | | | | 735 | 736 | 421 | 288 |
| 58/ 57 | .5 | 1.4 | .8 | .6 | .5 | .4 | .2 | .0 | .0 | | | | | | | | | 829 | 830 | 612 | 464 |
| 56/ 55 | .6 | 1.4 | 1.0 | .8 | .7 | .5 | .2 | .0 | | | | | | | | | | 976 | 979 | 659 | 546 |
| 54/ 53 | .5 | 1.8 | 1.1 | 1.0 | .8 | .4 | .2 | .0 | | | | | | | | | | 1068 | 1069 | 754 | 560 |
| 52/ 51 | .6 | 1.8 | 1.2 | 1.0 | 1.0 | .7 | .1 | | | | | | | | | | | 1150 | 1150 | 942 | 635 |
| 50/ 49 | .5 | 1.7 | 1.3 | 1.2 | 1.1 | .5 | .0 | | | | | | | | | | | 1182 | 1183 | 1092 | 685 |
| 48/ 47 | .5 | 2.2 | 1.4 | 1.5 | 1.1 | .3 | .1 | | | | | | | | | | | 1326 | 1328 | 1091 | 811 |
| 46/ 45 | .4 | 2.1 | 1.6 | 1.9 | 1.1 | .3 | .0 | | | | | | | | | | | 1376 | 1377 | 1220 | 886 |
| 44/ 43 | .4 | 2.2 | 2.0 | 1.6 | .9 | .2 | .0 | | | | | | | | | | | 1345 | 1349 | 1285 | 943 |
| 42/ 41 | .5 | 1.7 | 2.1 | 1.6 | .6 | .1 | | | | | | | | | | | | 1227 | 1232 | 1430 | 1013 |
| 40/ 39 | .5 | 2.0 | 2.5 | 1.5 | .6 | .0 | | | | | | | | | | | | 1332 | 1335 | 1494 | 1063 |
| 38/ 37 | .5 | 1.8 | 2.3 | 1.4 | .3 | | | | | | | | | | | | | 1151 | 1153 | 1379 | 1133 |
| 36/ 35 | .3 | 1.9 | 2.2 | .8 | .2 | | | | | | | | | | | | | 1021 | 1021 | 1377 | 1168 |
| 34/ 33 | .3 | 1.6 | 1.7 | .6 | .1 | | | | | | | | | | | | | 789 | 789 | 1242 | 1237 |
| 32/ 31 | .3 | 1.2 | 1.3 | .4 | .0 | | | | | | | | | | | | | 598 | 598 | 1033 | 1289 |
| 30/ 29 | .1 | 1.1 | .9 | .2 | .0 | | | | | | | | | | | | | 439 | 439 | 777 | 1188 |
| 28/ 27 | .1 | .6 | .5 | .1 | | | | | | | | | | | | | | 235 | 235 | 520 | 982 |
| 26/ 25 | .0 | .3 | .2 | .0 | | | | | | | | | | | | | | 110 | 110 | 313 | 933 |
| 24/ 23 | | .2 | .1 | .0 | | | | | | | | | | | | | | 60 | 60 | 151 | 657 |
| 22/ 21 | | .1 | .2 | .0 | | | | | | | | | | | | | | 50 | 50 | 74 | 468 |
| 20/ 19 | | .0 | .0 | | | | | | | | | | | | | | | 14 | 14 | 52 | 401 |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 2 | 2 | 31 | 268 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 225 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 144 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 66 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 44 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 41 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 22 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 25 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.3 | 30.1 | 26.4 | 18.2 | 10.5 | 4.9 | 1.8 | .6 | .2 | .0 | | | | | | | | | | 18640 | | 18615 |
| | | | | | | | | | | | | | | | | | | | 18616 | | 18616 | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 104408984 | 1357394 | 72.9 | 17.086 | 18616 | | | | | | | |
| Dry Bulb | 41988092 | 864032 | 46.4 | 10.194 | 18640 | | 58.4 | 21.3 | 4.2 | .5 | | 720 |
| Wet Bulb | 35288163 | 790053 | 42.4 | 9.720 | 18616 | | 114.6 | 4.2 | .2 | | | 720 |
| Dew Point | 28736506 | 697670 | 37.5 | 11.793 | 18615 | .2 | 262.0 | .9 | | | | 720 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 1 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | .0 | | .0 | | | | | | | | | | | | 10 | 10 | | |
| 70/ 69 | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | 27 | 27 | | |
| 68/ 67 | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | 25 | 25 | 4 | |
| 66/ 65 | .0 | .1 | .1 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | | 70 | 70 | 16 | 4 |
| 64/ 63 | .0 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | | .0 | | | | | | | | 107 | 107 | 34 | 23 |
| 62/ 61 | .0 | .3 | .2 | .1 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | 150 | 150 | 100 | 43 |
| 60/ 59 | .1 | .3 | .2 | .1 | .1 | .0 | .1 | .0 | .0 | | | | | | | | | 183 | 183 | 122 | 93 |
| 58/ 57 | .1 | .4 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 205 | 205 | 164 | 117 |
| 56/ 55 | .1 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | | 259 | 259 | 156 | 169 |
| 54/ 53 | .1 | .5 | .3 | .3 | .2 | .2 | .0 | .0 | | | | | | | | | | 321 | 322 | 205 | 162 |
| 52/ 51 | .2 | .8 | .3 | .4 | .3 | .2 | .0 | | | | | | | | | | | 434 | 441 | 276 | 206 |
| 50/ 49 | .3 | 1.0 | .6 | .4 | .3 | .1 | .1 | .0 | | | | | | | | | | 563 | 569 | 389 | 271 |
| 48/ 47 | .5 | 1.3 | .7 | .6 | .5 | .2 | .1 | .0 | | | | | | | | | | 758 | 762 | 531 | 391 |
| 46/ 45 | .7 | 1.8 | .8 | .8 | .6 | .2 | .0 | | | | | | | | | | | 954 | 954 | 716 | 481 |
| 44/ 43 | .9 | 1.8 | 1.4 | .9 | .5 | .1 | .0 | | | | | | | | | | | 1117 | 1124 | 835 | 595 |
| 42/ 41 | .8 | 1.9 | 1.4 | 1.1 | .7 | .1 | | | | | | | | | | | | 1205 | 1215 | 950 | 688 |
| 40/ 39 | .9 | 2.1 | 2.2 | 1.7 | .5 | .1 | .0 | | | | | | | | | | | 1477 | 1500 | 1185 | 757 |
| 38/ 37 | .7 | 2.6 | 2.0 | 1.8 | .4 | .0 | | | | | | | | | | | | 1492 | 1492 | 1232 | 838 |
| 36/ 35 | .6 | 2.7 | 3.1 | 1.6 | .3 | .0 | | | | | | | | | | | | 1646 | 1646 | 1457 | 922 |
| 34/ 33 | .6 | 3.1 | 2.7 | 1.3 | .2 | | | | | | | | | | | | | 1568 | 1568 | 1587 | 1040 |
| 32/ 31 | .7 | 2.5 | 2.8 | 1.3 | .1 | | | | | | | | | | | | | 1494 | 1494 | 1840 | 1201 |
| 30/ 29 | .3 | 2.3 | 3.0 | 1.0 | .1 | | | | | | | | | | | | | 1336 | 1338 | 1493 | 1238 |
| 28/ 27 | .3 | 2.1 | 2.5 | .5 | | | | | | | | | | | | | | 1060 | 1060 | 1373 | .0 |
| 26/ 25 | .3 | 2.0 | 2.3 | .4 | | | | | | | | | | | | | | 981 | 982 | 1336 | 1243 |
| 24/ 23 | .2 | 1.7 | 1.6 | .1 | | | | | | | | | | | | | | 705 | 706 | 1119 | 1167 |
| 22/ 21 | .1 | 1.5 | 1.1 | | | | | | | | | | | | | | | 547 | 547 | 836 | 1134 |
| 20/ 19 | .1 | 1.6 | .7 | .0 | | | | | | | | | | | | | | 467 | 467 | 684 | 951 |
| 18/ 17 | .1 | 1.0 | .4 | | | | | | | | | | | | | | | 285 | 285 | 503 | 903 |
| 16/ 15 | .1 | .9 | .2 | | | | | | | | | | | | | | | 222 | 222 | 325 | 971 |
| 14/ 13 | .0 | .5 | .1 | | | | | | | | | | | | | | | 113 | 113 | 208 | 792 |
| 12/ 11 | .0 | .3 | .0 | | | | | | | | | | | | | | | 59 | 59 | 120 | 625 |
| 10/ 9 | .0 | .1 | .0 | | | | | | | | | | | | | | | 24 | 24 | 51 | 480 |
| 8/ 7 | .0 | .0 | .0 | | | | | | | | | | | | | | | 11 | 11 | 16 | 471 |

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

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

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USAF ETAC
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH



ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | .0 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 12 | 305 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 231 |
| 2/ 1 | | .0 | | | | | | | | | | | | | | | | 6 | 6 | 3 | 132 |
| 0/ -1 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 100 |
| -2/ -3 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 35 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 22 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 13 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 11 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 12 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 11 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 2 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 1 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.8 | 37.6 | 31.4 | 15.0 | 5.1 | 1.5 | .5 | .1 | .0 | .0 | | | | | | | | | 19961 | | 19898 |
| | | | | | | | | | | | | | | | | | | 19899 | | 19899 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 108419405 | 1428835 | 71.8 | 17.107 | 19899 | | | | | | | |
| Dry Bulb | 28476434 | 724492 | 36.3 | 10.452 | 19961 | .3 | 273.2 | 2.4 | .1 | | | 744 |
| Wet Bulb | 24010809 | 661145 | 33.2 | 10.136 | 19899 | .5 | 371.6 | .1 | | | | 744 |
| Dew Point | 18280542 | 546178 | 27.4 | 12.856 | 19898 | 8.0 | 489.7 | | | | | 744 |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 68/ 67 | .0 | | .1 | | | | | | | | | | | | | | | 3 | 3 | 1 | 1 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 1 | |
| 64/ 63 | | .1 | .1 | .1 | | | | | | | | | | | | | | 8 | 8 | 1 | 1 |
| 62/ 61 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 | 2 |
| 60/ 59 | .0 | .3 | .0 | | .0 | | | | | | | | | | | | | 9 | 9 | 4 | 7 |
| 58/ 57 | .1 | .1 | .2 | .2 | .0 | | | | | | | | | | | | | 15 | 15 | 13 | 9 |
| 56/ 55 | .1 | .3 | .3 | .1 | | .1 | | | | | | | | | | | | 24 | 24 | 7 | 10 |
| 54/ 53 | .2 | .3 | .3 | .2 | | | | | | | | | | | | | | 22 | 22 | 20 | 15 |
| 52/ 51 | .2 | .6 | .1 | .0 | .0 | | | | | | | | | | | | | 24 | 24 | 27 | 7 |
| 50/ 49 | .0 | .6 | .2 | | .1 | | | | | | | | | | | | | 22 | 22 | 31 | 21 |
| 48/ 47 | .1 | .5 | .3 | .2 | .0 | | | | | | | | | | | | | 24 | 24 | 17 | 32 |
| 46/ 45 | .3 | .8 | .2 | .2 | | | | | | | | | | | | | | 37 | 37 | 31 | 33 |
| 44/ 43 | .4 | 1.0 | .4 | .3 | .3 | .0 | | | | | | | | | | | | 58 | 58 | 37 | 28 |
| 42/ 41 | .8 | 2.0 | 1.1 | .4 | .2 | .0 | | | | | | | | | | | | 107 | 107 | 54 | 47 |
| 40/ 39 | 1.2 | 1.7 | 1.3 | .9 | .2 | | | | | | | | | | | | | 124 | 124 | 93 | 53 |
| 38/ 37 | 1.2 | 3.0 | 1.2 | .5 | .1 | | | | | | | | | | | | | 146 | 146 | 120 | 90 |
| 36/ 35 | .5 | 3.3 | 2.1 | .6 | .1 | | | | | | | | | | | | | 160 | 160 | 135 | 75 |
| 34/ 33 | .8 | 3.9 | 2.8 | .7 | | | | | | | | | | | | | | 193 | 193 | 149 | 104 |
| 32/ 31 | .9 | 4.5 | 3.5 | .4 | .2 | | | | | | | | | | | | | 228 | 229 | 208 | 154 |
| 30/ 29 | .8 | 4.8 | 3.4 | .4 | | | | | | | | | | | | | | 224 | 224 | 224 | 119 |
| 28/ 27 | .5 | 3.7 | 3.6 | .1 | | | | | | | | | | | | | | 190 | 190 | 224 | 127 |
| 26/ 25 | .7 | 3.2 | 3.2 | | | | | | | | | | | | | | | 169 | 169 | 170 | 173 |
| 24/ 23 | .3 | 2.8 | 2.6 | .2 | | | | | | | | | | | | | | 140 | 140 | 189 | 150 |
| 22/ 21 | .3 | 2.8 | 1.2 | .1 | | | | | | | | | | | | | | 103 | 103 | 150 | 123 |
| 20/ 19 | .3 | 2.7 | 1.0 | .1 | | | | | | | | | | | | | | 97 | 97 | 128 | 136 |
| 18/ 17 | .6 | 1.8 | .9 | | | | | | | | | | | | | | | 79 | 79 | 98 | 139 |
| 16/ 15 | .3 | 2.0 | .3 | | | | | | | | | | | | | | | 64 | 64 | 80 | 130 |
| 14/ 13 | .1 | 1.5 | .5 | | | | | | | | | | | | | | | 51 | 51 | 66 | 111 |
| 12/ 11 | | 1.0 | .2 | | | | | | | | | | | | | | | 29 | 29 | 34 | 119 |
| 10/ 9 | .0 | .6 | | | | | | | | | | | | | | | | 15 | 15 | 43 | 83 |
| 8/ 7 | .0 | .6 | | | | | | | | | | | | | | | | 15 | 15 | 16 | 75 |
| 6/ 5 | | .5 | | | | | | | | | | | | | | | | 11 | 11 | 10 | 46 |
| 4/ 3 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 35 |
| 2/ 1 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 38 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 32 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 21 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 29 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 10 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 7 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 6 |
| TOTAL | 10.8 | 51.0 | 31.2 | 5.6 | 1.3 | .2 | | | | | | | | | | | | 2398 | 2399 | 2398 | 2398 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13739900 | 177600 | 74.1 | 15.643 | 2398 | | | | | | | |
| Dry Bulb | 2532998 | 74012 | 30.9 | 10.203 | 2399 | | 55.0 | .1 | | | | 93 |
| Wet Bulb | 2210823 | 68647 | 20.6 | 10.124 | 2398 | | 64.0 | .0 | | | | 93 |
| Dew Point | 1688430 | 55526 | 23.2 | 12.962 | 2398 | 4.1 | 72.3 | .0 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 66/ 65 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 64/ 63 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 1 | 1 |
| 62/ 61 | .0 | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 7 | 2 |
| 60/ 59 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 7 |
| 58/ 57 | .1 | .2 | .2 | .2 | | | | | | | | | | | | | | 15 | 15 | 8 | 6 |
| 56/ 55 | .1 | .6 | .2 | .1 | | | | | | | | | | | | | | 24 | 24 | 11 | 9 |
| 54/ 53 | .2 | .8 | .2 | .1 | | | | | | | | | | | | | | 30 | 30 | 25 | 14 |
| 52/ 51 | .0 | .7 | .3 | .1 | | .1 | | | | | | | | | | | | 28 | 29 | 30 | 20 |
| 50/ 49 | .1 | .5 | .1 | | .0 | | | | | | | | | | | | | 17 | 17 | 24 | 32 |
| 48/ 47 | .4 | .5 | .0 | .2 | .2 | | | | | | | | | | | | | 30 | 30 | 30 | 32 |
| 46/ 45 | .2 | .6 | .3 | .3 | .1 | | | | | | | | | | | | | 36 | 36 | 19 | 17 |
| 44/ 43 | .3 | 1.4 | .5 | .6 | | | | | | | | | | | | | | 68 | 69 | 34 | 31 |
| 42/ 41 | .4 | 1.5 | .5 | .5 | | | | | | | | | | | | | | 70 | 70 | 52 | 39 |
| 40/ 39 | 1.0 | 1.8 | .5 | .7 | .1 | | | | | | | | | | | | | 95 | 95 | 91 | 47 |
| 38/ 37 | 1.4 | 2.0 | 1.2 | .6 | .1 | | | | | | | | | | | | | 129 | 129 | 104 | 87 |
| 36/ 35 | .5 | 4.2 | 1.9 | .4 | .1 | | | | | | | | | | | | | 171 | 171 | 106 | 64 |
| 34/ 33 | .9 | 4.5 | 2.8 | .4 | | | | | | | | | | | | | | 208 | 205 | 170 | 113 |
| 32/ 31 | .5 | 4.1 | 2.5 | .6 | | | | | | | | | | | | | | 187 | 187 | 200 | 140 |
| 30/ 29 | .8 | 5.9 | 2.4 | .4 | | | | | | | | | | | | | | 228 | 228 | 198 | 130 |
| 28/ 27 | .5 | 4.6 | 2.5 | .3 | | | | | | | | | | | | | | 190 | 190 | 214 | 125 |
| 26/ 25 | .7 | 4.0 | 2.2 | .0 | | | | | | | | | | | | | | 166 | 166 | 206 | 157 |
| 24/ 23 | .3 | 2.8 | 2.2 | | | | | | | | | | | | | | | 129 | 129 | 152 | 152 |
| 22/ 21 | .5 | 3.6 | 1.7 | | | | | | | | | | | | | | | 137 | 137 | 155 | 161 |
| 20/ 19 | .2 | 3.5 | .8 | .1 | | | | | | | | | | | | | | 109 | 110 | 134 | 107 |
| 18/ 17 | .2 | 2.4 | .9 | | | | | | | | | | | | | | | 85 | 85 | 107 | 147 |
| 16/ 15 | .3 | 2.3 | .6 | | | | | | | | | | | | | | | 75 | 75 | 93 | 104 |
| 14/ 13 | .2 | 1.6 | .3 | | | | | | | | | | | | | | | 50 | 50 | 72 | 100 |
| 12/ 11 | .2 | 1.3 | .1 | | | | | | | | | | | | | | | 37 | 37 | 53 | 115 |
| 10/ 9 | .0 | 1.0 | .1 | | | | | | | | | | | | | | | 27 | 27 | 34 | 125 |
| 8/ 7 | .0 | .8 | | | | | | | | | | | | | | | | 21 | 21 | 29 | 65 |
| 6/ 5 | .0 | .6 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 51 |
| 4/ 3 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 13 | 46 |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 31 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 42 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 90 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

PAGE 2 | 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 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 30 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 20 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 8 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 9 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 10 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10 | 368 | 325 | 1 | 5 | 6 | 7 | 1 | | | | | | | | | | 2399 | 2402 | 2399 | 2399 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14042961 | 179941 | 75.0 | 15.092 | 2399 | | | | | | | |
| Dry Bulb | 2440915 | 72241 | 30.1 | 10.570 | 2402 | | 56.7 | | | | | 93 |
| Wet Bulb | 2144516 | 67182 | 28.0 | 10.475 | 2399 | | 65.2 | | | | | 93 |
| Dew Point | 1660696 | 54578 | 22.8 | 13.219 | 2399 | 4.7 | 72.8 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | | |
| 62/ 61 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 2 |
| 60/ 59 | | .2 | .0 | | | | | | | | | | | | | | | 5 | 5 | 5 | 3 |
| 58/ 57 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 14 | 14 | 6 | 8 |
| 56/ 55 | .2 | .4 | .3 | .0 | | | | | | | | | | | | | | 24 | 24 | 16 | 9 |
| 54/ 53 | .1 | .8 | .1 | | | | | | | | | | | | | | | 24 | 24 | 15 | 12 |
| 52/ 51 | .2 | .5 | .0 | .1 | | | | | | | | | | | | | | 21 | 21 | 34 | 25 |
| 50/ 49 | .2 | .7 | .4 | .1 | | .0 | | | | | | | | | | | | 35 | 35 | 19 | 19 |
| 48/ 47 | .3 | .5 | .2 | .0 | .1 | | | | | | | | | | | | | 29 | 29 | 29 | 36 |
| 46/ 45 | .6 | .9 | .2 | .1 | | | | | | | | | | | | | | 41 | 41 | 41 | 32 |
| 44/ 43 | .4 | 1.5 | .2 | .4 | | | | | | | | | | | | | | 59 | 59 | 50 | 35 |
| 42/ 41 | .4 | 1.7 | .4 | .3 | .0 | | | | | | | | | | | | | 68 | 68 | 46 | 49 |
| 40/ 39 | 1.5 | 1.6 | .6 | .6 | | | | | | | | | | | | | | 104 | 104 | 88 | 67 |
| 38/ 37 | 1.0 | 1.5 | 1.0 | .5 | | | | | | | | | | | | | | 96 | 96 | 77 | 63 |
| 36/ 35 | .9 | 3.0 | 1.9 | .5 | .1 | | | | | | | | | | | | | 152 | 152 | 92 | 66 |
| 34/ 33 | 1.4 | 4.2 | 2.5 | .5 | .0 | | | | | | | | | | | | | 206 | 206 | 159 | 93 |
| 32/ 31 | .7 | 4.6 | 2.5 | .6 | | | | | | | | | | | | | | 201 | 201 | 190 | 112 |
| 30/ 29 | .9 | 5.7 | 2.9 | .5 | | | | | | | | | | | | | | 238 | 238 | 199 | 136 |
| 28/ 27 | 1.1 | 4.7 | 2.2 | .2 | | | | | | | | | | | | | | 195 | 195 | 250 | 139 |
| 26/ 25 | .6 | 4.5 | 2.1 | .0 | | | | | | | | | | | | | | 172 | 172 | 183 | 150 |
| 24/ 23 | .4 | 2.8 | 1.7 | | | | | | | | | | | | | | | 117 | 117 | 174 | 180 |
| 22/ 21 | .4 | 3.5 | 1.7 | | | | | | | | | | | | | | | 134 | 134 | 141 | 134 |
| 20/ 19 | .4 | 3.3 | 1.0 | .0 | | | | | | | | | | | | | | 115 | 115 | 132 | 115 |
| 18/ 17 | .3 | 3.3 | .8 | | | | | | | | | | | | | | | 106 | 106 | 125 | 141 |
| 16/ 15 | .2 | 2.0 | .3 | | | | | | | | | | | | | | | 62 | 62 | 92 | 108 |
| 14/ 13 | .1 | 1.4 | .4 | | | | | | | | | | | | | | | 47 | 47 | 65 | 126 |
| 12/ 11 | .2 | 1.8 | .2 | | | | | | | | | | | | | | | 52 | 52 | 52 | 110 |
| 10/ 9 | .0 | 1.1 | | | | | | | | | | | | | | | | 27 | 27 | 46 | 90 |
| 8/ 7 | .1 | .8 | .1 | | | | | | | | | | | | | | | 23 | 23 | 32 | 75 |
| 6/ 5 | .1 | .8 | | | | | | | | | | | | | | | | 22 | 22 | 21 | 61 |
| 4/ 3 | | .3 | | | | | | | | | | | | | | | | 7 | 7 | 16 | 48 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 5 | 39 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 34 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 28 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 26 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 8 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 15 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2,758 | 324 | 40 | 6 | 3 | 0 | | | | | | | | | | | | 2404 | 2404 | | 2404 |
| | | | | | | | | | | | | | | | | | | 2404 | | 2404 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14332362 | 182144 | 75.8 | 14.877 | 2404 | | | | | | | |
| Dry Bulb | 2385270 | 71332 | 29.7 | 10.574 | 2404 | | 58.7 | | | | | 93 |
| Wet Bulb | 2116451 | 66661 | 27.7 | 10.561 | 2404 | | 66.7 | | | | | 93 |
| Dew Point | 1660051 | 54427 | 22.6 | 13.343 | 2404 | 4.7 | 72.9 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 67 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 64/ 63 | | | .1 | .0 | .1 | | | | | | | | | | | | | 7 | 7 | | |
| 62/ 61 | | .1 | .1 | .2 | .0 | | | | | | | | | | | | | 12 | 12 | | |
| 60/ 59 | | .3 | .1 | .2 | .0 | | | | | | | | | | | | | 17 | 17 | 9 | 4 |
| 58/ 57 | .0 | .3 | .2 | .2 | .0 | | | | | | | | | | | | | 17 | 17 | 16 | 8 |
| 56/ 55 | .1 | .4 | .4 | .3 | .0 | .0 | | | | | | | | | | | | 26 | 28 | 20 | 13 |
| 54/ 53 | .1 | .6 | .3 | .1 | .0 | | | | | | | | | | | | | 30 | 30 | 30 | 16 |
| 52/ 51 | .3 | .3 | .3 | .3 | .0 | .1 | | | | | | | | | | | | 31 | 31 | 25 | 36 |
| 50/ 49 | .2 | .6 | .5 | .3 | .3 | .2 | | | | | | | | | | | | 47 | 47 | 28 | 22 |
| 48/ 47 | .2 | .5 | .5 | .5 | .3 | .3 | | | | | | | | | | | | 54 | 54 | 37 | 26 |
| 46/ 45 | .2 | 1.3 | .5 | .9 | .4 | .2 | | | | | | | | | | | | 82 | 82 | 38 | 30 |
| 44/ 43 | .8 | 1.7 | .6 | .8 | .5 | .2 | .0 | | | | | | | | | | | 118 | 118 | 81 | 52 |
| 42/ 41 | .7 | 1.8 | .9 | 1.1 | .5 | .0 | | | | | | | | | | | | 120 | 120 | 91 | 75 |
| 40/ 39 | 1.0 | 1.8 | 2.0 | 1.7 | .4 | .1 | | | | | | | | | | | | 168 | 170 | 118 | 73 |
| 38/ 37 | 1.0 | 2.0 | 2.0 | 2.1 | .3 | | | | | | | | | | | | | 180 | 180 | 123 | 79 |
| 36/ 35 | .7 | 2.9 | 3.8 | 1.8 | .2 | | | | | | | | | | | | | 224 | 224 | 180 | 84 |
| 34/ 33 | .3 | 2.8 | 3.4 | 2.2 | .0 | | | | | | | | | | | | | 207 | 207 | 181 | 106 |
| 32/ 31 | .4 | 2.4 | 3.3 | 1.5 | | | | | | | | | | | | | | 183 | 183 | 231 | 128 |
| 30/ 29 | .5 | 2.6 | 3.4 | 1.3 | .2 | | | | | | | | | | | | | 194 | 194 | 223 | 144 |
| 28/ 27 | .3 | 1.8 | 3.8 | .7 | | | | | | | | | | | | | | 155 | 155 | 187 | 139 |
| 26/ 25 | .1 | 1.4 | 3.5 | .3 | | | | | | | | | | | | | | 126 | 126 | 155 | 145 |
| 24/ 23 | .1 | 1.0 | 2.1 | .2 | | | | | | | | | | | | | | 81 | 81 | 162 | 143 |
| 22/ 21 | .2 | 1.4 | 2.0 | .0 | | | | | | | | | | | | | | 86 | 86 | 119 | 148 |
| 20/ 19 | .0 | 1.3 | 2.0 | .0 | | | | | | | | | | | | | | 79 | 79 | 91 | 126 |
| 18/ 17 | .0 | 1.0 | .8 | | | | | | | | | | | | | | | 43 | 43 | 74 | 103 |
| 16/ 15 | .0 | 1.1 | .5 | | | | | | | | | | | | | | | 39 | 39 | 71 | 118 |
| 14/ 13 | | .7 | .1 | | | | | | | | | | | | | | | 20 | 20 | 36 | 113 |
| 12/ 11 | | .8 | .2 | | | | | | | | | | | | | | | 23 | 23 | 22 | 97 |
| 10/ 9 | | .3 | .2 | | | | | | | | | | | | | | | 13 | 13 | 21 | 90 |
| 8/ 7 | | .3 | .1 | | | | | | | | | | | | | | | 10 | 11 | 16 | 66 |
| 6/ 5 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 10 | 55 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 2 | 31 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 33 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 35 |

| 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN 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 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 20 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 10 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 5 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 6 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 8 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 7 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.3 | 33.4 | 37.9 | 16.7 | 3.5 | 1.2 | .0 | | | | | | | | | | | 2397 | 2400 | 2397 | 2397 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12087347 | 165107 | 68.9 | 17.271 | 2397 | | | | | | | |
| Dry Bulb | 3013494 | 81456 | 33.9 | 10.185 | 2400 | | 40.9 | .0 | | | | 93 |
| Wet Bulb | 2524899 | 73995 | 30.9 | 10.023 | 2397 | | 55.1 | | | | | 93 |
| Dew Point | 1830453 | 58017 | 24.2 | 13.337 | 2397 | 3.6 | 68.8 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DUVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | | | | .1 | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | .0 | .0 | .1 | .1 | | | | | | | | | | | 6 | 6 | | |
| 66/ 65 | | .0 | .0 | .3 | .2 | .3 | .0 | | | | | | | | | | | 21 | 21 | | |
| 64/ 63 | | .1 | .2 | .1 | .3 | .2 | | | | | | | | | | | | 20 | 20 | 2 | 1 |
| 62/ 61 | | .0 | .3 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | 4 | 2 |
| 60/ 59 | .1 | .2 | .3 | .2 | .1 | .1 | .1 | | | | | | | | | | | 23 | 24 | 25 | 5 |
| 58/ 57 | .0 | .3 | .3 | .3 | .2 | .1 | .1 | | | | | | | | | | | 32 | 32 | 24 | 12 |
| 56/ 55 | .0 | .3 | .3 | .2 | .2 | .0 | .1 | | | | | | | | | | | 28 | 28 | 30 | 21 |
| 54/ 53 | | .3 | .1 | .3 | .2 | .5 | .0 | | | | | | | | | | | 36 | 36 | 24 | 18 |
| 52/ 51 | | .6 | .5 | .2 | .5 | .4 | .1 | | | | | | | | | | | 53 | 53 | 22 | 24 |
| 50/ 49 | .1 | .6 | .4 | 1.0 | .9 | .5 | .1 | .1 | | | | | | | | | | 89 | 89 | 36 | 29 |
| 48/ 47 | .0 | .7 | .5 | .9 | .8 | .8 | .2 | | | | | | | | | | | 94 | 94 | 45 | 31 |
| 46/ 45 | .3 | 1.5 | 1.0 | 1.2 | 1.0 | .9 | .1 | | | | | | | | | | | 144 | 144 | 69 | 42 |
| 44/ 43 | .6 | 1.1 | .8 | 1.6 | 1.5 | .3 | .0 | | | | | | | | | | | 142 | 142 | 109 | 64 |
| 42/ 41 | .6 | 1.4 | 1.7 | 2.0 | 1.5 | .1 | | | | | | | | | | | | 174 | 174 | 115 | 68 |
| 40/ 39 | .9 | 1.5 | 2.4 | 2.3 | 1.7 | .1 | | | | | | | | | | | | 214 | 214 | 148 | 72 |
| 38/ 37 | .6 | 1.6 | 1.7 | 4.1 | .8 | .0 | | | | | | | | | | | | 214 | 214 | 195 | 83 |
| 36/ 35 | .7 | .8 | 2.3 | 3.7 | .9 | | | | | | | | | | | | | 202 | 202 | 220 | 111 |
| 34/ 33 | .3 | 1.7 | 2.7 | 2.5 | .3 | | | | | | | | | | | | | 179 | 179 | 160 | 123 |
| 32/ 31 | .2 | 1.6 | 2.1 | 2.3 | .3 | | | | | | | | | | | | | 155 | 155 | 267 | 128 |
| 30/ 29 | .5 | .6 | 2.6 | 1.9 | .3 | | | | | | | | | | | | | 140 | 140 | 195 | 133 |
| 28/ 27 | .0 | .8 | 2.2 | .9 | | | | | | | | | | | | | | 95 | 95 | 138 | 117 |
| 26/ 25 | | .6 | 2.2 | .8 | | | | | | | | | | | | | | 87 | 87 | 157 | 150 |
| 24/ 23 | | .7 | 2.5 | .5 | | | | | | | | | | | | | | 86 | 86 | 105 | 150 |
| 22/ 21 | .2 | .4 | 1.2 | .3 | | | | | | | | | | | | | | 49 | 49 | 106 | 147 |
| 20/ 19 | .1 | .5 | 1.1 | | | | | | | | | | | | | | | 39 | 39 | 73 | 149 |
| 18/ 17 | | .3 | .5 | | | | | | | | | | | | | | | 18 | 18 | 50 | 112 |
| 16/ 15 | | .5 | .2 | | | | | | | | | | | | | | | 18 | 18 | 37 | 99 |
| 14/ 13 | | .2 | .4 | | | | | | | | | | | | | | | 14 | 14 | 16 | 96 |
| 12/ 11 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 13 | 100 |
| 10/ 9 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 9 | 91 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 6 | 49 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 48 |

| 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 26 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 38 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 24 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 13 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 7 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 7 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.2 | 19.4 | 30.6 | 27.5 | 11.8 | 4.3 | 1.2 | .1 | | | | | | | | | | 2400 | | | 2400 |
| | | | | | | | | | | | | | | | | | 2399 | | 2400 | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 10276597 | 150853 | 62.9 | 18.159 | 2399 | | | | | | | |
| Dry Bulb | 3673943 | 90603 | 37.8 | 10.281 | 2400 | | 27.6 | .4 | | | | 93 |
| Wet Bulb | 2914447 | 80297 | 33.5 | 9.748 | 2400 | | 45.4 | | | | | 93 |
| Dew Point | 1962373 | 60933 | 25.4 | 13.158 | 2400 | 2.4 | 65.6 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — JAN MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | | | | | .1 | | | | | | | | | | | 2 | 2 | | |
| 70/ 69 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | | .0 | .2 | .0 | .0 | | | | | | | | | | | 7 | 7 | | |
| 66/ 65 | | | .1 | .1 | .1 | .2 | .0 | | | | | | | | | | | 12 | 12 | | |
| 64/ 63 | | .2 | .1 | .1 | .2 | .0 | | | | | | | | | | | | 15 | 15 | 1 | |
| 62/ 61 | | .1 | .1 | .0 | .2 | | .0 | | | | | | | | | | | 13 | 13 | 7 | 4 |
| 60/ 59 | .0 | .2 | .2 | .1 | .0 | .0 | .1 | | | | | | | | | | | 17 | 17 | 19 | 7 |
| 58/ 57 | .0 | .3 | .2 | .2 | .1 | .0 | .1 | | | | | | | | | | | 26 | 26 | 17 | 9 |
| 56/ 55 | | .5 | .1 | .3 | .1 | .1 | .1 | | | | | | | | | | | 30 | 30 | 22 | 11 |
| 54/ 53 | | .3 | .3 | .2 | .2 | .1 | .0 | | | | | | | | | | | 28 | 28 | 25 | 14 |
| 52/ 51 | | .2 | .5 | .2 | .5 | .2 | .0 | | | | | | | | | | | 40 | 40 | 22 | 27 |
| 50/ 49 | .1 | .6 | .3 | .5 | .5 | .5 | .2 | | | | | | | | | | | 68 | 68 | 30 | 28 |
| 48/ 47 | .4 | .9 | .7 | .6 | .6 | .3 | .2 | | | | | | | | | | | 91 | 91 | 50 | 25 |
| 46/ 45 | .3 | .9 | .9 | 1.2 | 1.2 | .4 | .0 | | | | | | | | | | | 120 | 120 | 50 | 53 |
| 44/ 43 | .2 | 1.4 | 1.5 | 1.3 | 1.1 | .2 | .1 | | | | | | | | | | | 138 | 138 | 91 | 41 |
| 42/ 41 | .7 | 1.2 | 1.9 | 1.7 | 1.9 | .1 | | | | | | | | | | | | 179 | 179 | 99 | 66 |
| 40/ 39 | 1.1 | 1.5 | 2.4 | 2.5 | 1.2 | .2 | | | | | | | | | | | | 211 | 211 | 168 | 67 |
| 38/ 37 | .5 | 1.9 | 2.2 | 3.2 | 1.3 | | | | | | | | | | | | | 221 | 221 | 163 | 84 |
| 36/ 35 | .5 | 1.7 | 3.0 | 3.8 | .6 | | | | | | | | | | | | | 229 | 229 | 224 | 100 |
| 34/ 33 | .4 | 2.3 | 3.6 | 2.2 | .3 | | | | | | | | | | | | | 212 | 212 | 201 | 134 |
| 32/ 31 | .5 | 1.6 | 2.0 | 2.4 | .2 | | | | | | | | | | | | | 162 | 162 | 282 | 133 |
| 30/ 29 | .2 | .7 | 3.1 | 2.4 | .1 | | | | | | | | | | | | | 159 | 159 | 220 | 158 |
| 28/ 27 | .2 | .6 | 2.4 | 1.1 | | | | | | | | | | | | | | 104 | 104 | 138 | 144 |
| 26/ 25 | .1 | .6 | 2.6 | .9 | | | | | | | | | | | | | | 101 | 101 | 156 | 144 |
| 24/ 23 | .0 | .5 | 1.6 | .5 | | | | | | | | | | | | | | 62 | 62 | 118 | 159 |
| 22/ 21 | .1 | .8 | 1.0 | .2 | | | | | | | | | | | | | | 51 | 51 | 104 | 136 |
| 20/ 19 | .0 | .4 | 1.1 | .0 | | | | | | | | | | | | | | 39 | 39 | 66 | 141 |
| 18/ 17 | .0 | .4 | .8 | .0 | | | | | | | | | | | | | | 31 | 31 | 53 | 134 |
| 16/ 15 | | .4 | .3 | | | | | | | | | | | | | | | 17 | 17 | 32 | 101 |
| 14/ 13 | | .2 | .2 | | | | | | | | | | | | | | | 9 | 9 | 27 | 98 |
| 12/ 11 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 11 | 79 |
| 10/ 9 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 2 | 74 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 52 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 2 | 62 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 25 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 18 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 14 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 11 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 7 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 11 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5,620. | 843, | 320. | 0 | 10.7 | 2.4 | 1.2 | | | | | | | | | | | | 2404 | | 2404 |
| | | | | | | | | | | | | | | | | | | 2404 | | 2404 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10665405 | 154055 | 64.1 | 18.168 | 2404 | | | | | | | |
| Dry Bulb | 3529691 | 89065 | 37.0 | 9.782 | 2404 | | 28.7 | .4 | | | | 93 |
| Wet Bulb | 2627617 | 79323 | 33.0 | 9.354 | 2404 | | 47.0 | | | | | 93 |
| Dew Point | 1922210 | 60620 | 25.2 | 12.758 | 2404 | 2.4 | 67.1 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) 80 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

PAGE 1 1800-2000 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 64/ 63 | | | .3 | | .0 | | | | | | | | | | | | | 7 | 7 | | |
| 62/ 61 | | .1 | .2 | | | | | | | | | | | | | | | 6 | 6 | 1 | |
| 60/ 59 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | 10 | 10 | 12 | 3 |
| 58/ 57 | .1 | .1 | .3 | .1 | .0 | | | | | | | | | | | | | 15 | 15 | 6 | 15 |
| 56/ 55 | .1 | .3 | .5 | .2 | .0 | | | | | | | | | | | | | 27 | 27 | 11 | 4 |
| 54/ 53 | .1 | .3 | .1 | .2 | | | | | | | | | | | | | | 17 | 17 | 20 | 9 |
| 52/ 51 | .0 | .3 | .3 | .1 | .1 | .1 | | | | | | | | | | | | 23 | 23 | 27 | 17 |
| 50/ 49 | .0 | .4 | .3 | .3 | .3 | | .0 | | | | | | | | | | | 31 | 31 | 15 | 20 |
| 48/ 47 | .0 | .7 | .4 | .0 | .2 | .0 | | | | | | | | | | | | 34 | 34 | 26 | 21 |
| 46/ 45 | .3 | 1.2 | .4 | .2 | .2 | .1 | .0 | | | | | | | | | | | 57 | 58 | 37 | 26 |
| 44/ 43 | .5 | 1.8 | .7 | .7 | .2 | .1 | | | | | | | | | | | | 93 | 93 | 61 | 41 |
| 42/ 41 | .9 | 1.5 | 1.2 | 1.1 | .4 | .1 | | | | | | | | | | | | 123 | 123 | 83 | 72 |
| 40/ 39 | 1.5 | 2.0 | 2.0 | 1.6 | .6 | .0 | | | | | | | | | | | | 186 | 186 | 107 | 77 |
| 38/ 37 | .7 | 2.5 | 3.0 | 1.2 | .3 | .0 | | | | | | | | | | | | 186 | 186 | 123 | 68 |
| 36/ 35 | .5 | 3.2 | 3.3 | 2.2 | .3 | | | | | | | | | | | | | 226 | 226 | 177 | 84 |
| 34/ 33 | .6 | 2.9 | 3.8 | 1.5 | | | | | | | | | | | | | | 210 | 210 | 203 | 124 |
| 32/ 31 | 1.0 | 3.4 | 5.3 | 1.5 | .1 | | | | | | | | | | | | | 271 | 271 | 251 | 133 |
| 30/ 29 | .5 | 3.0 | 4.5 | 1.5 | .0 | | | | | | | | | | | | | 227 | 227 | 230 | 160 |
| 28/ 27 | .4 | 2.2 | 3.7 | .9 | | | | | | | | | | | | | | 173 | 174 | 235 | 155 |
| 26/ 25 | .1 | 1.7 | 2.6 | .3 | | | | | | | | | | | | | | 113 | 113 | 190 | 150 |
| 24/ 23 | .1 | 1.8 | 2.1 | .3 | | | | | | | | | | | | | | 106 | 106 | 167 | 145 |
| 22/ 21 | .1 | 1.3 | 1.5 | | | | | | | | | | | | | | | 71 | 71 | 127 | 166 |
| 20/ 19 | .0 | 1.1 | 1.3 | | | | | | | | | | | | | | | 59 | 59 | 84 | 140 |
| 18/ 17 | | 1.2 | .8 | | | | | | | | | | | | | | | 47 | 47 | 65 | 127 |
| 16/ 15 | .0 | .8 | .7 | | | | | | | | | | | | | | | 37 | 38 | 52 | 110 |
| 14/ 13 | | .7 | .3 | | | | | | | | | | | | | | | 22 | 23 | 39 | 124 |
| 12/ 11 | | .3 | .1 | | | | | | | | | | | | | | | 8 | 8 | 27 | 82 |
| 10/ 9 | | .3 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 84 |
| 8/ 7 | | .2 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 65 |
| 6/ 5 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 48 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 3 | 36 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 26 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 21 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 11 |

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

USAFETAC FORM 0-26-5 (OL A) 2UL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JAN (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 16 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 10 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | 7.7 | 35.5 | 39.5 | 13.8 | 2.9 | .5 | .1 | | | | | | | | | | | 2399 | 2403 | 2399 | 2400 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12460655 | 168113 | 70.1 | 16.839 | 2399 | | | | | | | |
| Dry Bulb | 2878837 | 80211 | 33.4 | 9.158 | 2403 | | 44.5 | | | | | 93 |
| Wet Bulb | 2428927 | 73145 | 30.5 | 9.104 | 2399 | | 57.8 | | | | | 93 |
| Dew Point | 1764187 | 57951 | 24.1 | 12.333 | 2400 | 2.6 | 70.5 | | | | | 93 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 66/ 65 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 64/ 63 | | .1 | .2 | | | | | | | | | | | | | | | 6 | 6 | | |
| 62/ 61 | | .1 | .1 | | .0 | | | | | | | | | | | | | 6 | 6 | 4 | |
| 60/ 59 | .1 | .3 | .1 | .1 | | | | | | | | | | | | | | 14 | 14 | 13 | 6 |
| 58/ 57 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 10 | 10 | 8 | 17 |
| 56/ 55 | .0 | .3 | .5 | .3 | | | | | | | | | | | | | | 25 | 25 | 8 | 7 |
| 54/ 53 | .1 | .1 | .3 | .2 | | | | | | | | | | | | | | 17 | 17 | 14 | 5 |
| 52/ 51 | .2 | .4 | .2 | | | | | | | | | | | | | | | 17 | 17 | 24 | 12 |
| 50/ 49 | | .5 | .4 | | | | | | | | | | | | | | | 22 | 22 | 26 | 13 |
| 48/ 47 | .2 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 33 | 33 | 19 | 33 |
| 46/ 45 | .2 | .8 | .1 | .1 | .2 | | | | | | | | | | | | | 31 | 31 | 35 | 30 |
| 44/ 43 | .6 | 1.1 | .7 | .4 | .2 | .1 | | | | | | | | | | | | 74 | 74 | 42 | 41 |
| 42/ 41 | .8 | 2.3 | .5 | .4 | .5 | .0 | | | | | | | | | | | | 109 | 109 | 62 | 53 |
| 40/ 39 | 1.3 | 1.9 | 2.5 | 1.2 | .4 | | | | | | | | | | | | | 173 | 173 | 97 | 69 |
| 38/ 37 | .9 | 2.5 | 1.6 | .6 | .3 | | | | | | | | | | | | | 138 | 138 | 106 | 68 |
| 36/ 35 | .4 | 3.3 | 3.1 | .5 | .1 | | | | | | | | | | | | | 178 | 178 | 164 | 74 |
| 34/ 33 | .6 | 3.5 | 3.7 | .9 | .2 | | | | | | | | | | | | | 211 | 211 | 168 | 100 |
| 32/ 31 | 1.5 | 3.9 | 4.1 | .8 | | | | | | | | | | | | | | 247 | 248 | 224 | 150 |
| 30/ 29 | .6 | 4.1 | 3.9 | .8 | | | | | | | | | | | | | | 223 | 223 | 240 | 146 |
| 28/ 27 | .4 | 3.4 | 4.4 | .3 | | | | | | | | | | | | | | 204 | 204 | 219 | 146 |
| 26/ 25 | .2 | 2.7 | 3.4 | .2 | | | | | | | | | | | | | | 156 | 156 | 193 | 141 |
| 24/ 23 | .3 | 2.5 | 2.1 | .1 | | | | | | | | | | | | | | 118 | 118 | 176 | 181 |
| 22/ 21 | .3 | 2.4 | 1.6 | .1 | | | | | | | | | | | | | | 103 | 103 | 156 | 136 |
| 20/ 19 | .2 | 1.6 | 1.3 | | | | | | | | | | | | | | | 76 | 76 | 105 | 129 |
| 18/ 17 | .1 | 1.6 | .9 | | | | | | | | | | | | | | | 62 | 62 | 84 | 137 |
| 16/ 15 | .1 | 2.1 | .3 | | | | | | | | | | | | | | | 58 | 58 | 71 | 120 |
| 14/ 13 | | 1.0 | .3 | | | | | | | | | | | | | | | 32 | 32 | 50 | 118 |
| 12/ 11 | | .8 | .1 | | | | | | | | | | | | | | | 22 | 22 | 31 | 108 |
| 10/ 9 | | .4 | | | | | | | | | | | | | | | | 9 | 9 | 30 | 74 |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 71 |
| 6/ 5 | | .3 | | | | | | | | | | | | | | | | 7 | 7 | 3 | 49 |
| 4/ 3 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 8 | 43 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 20 |

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

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

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 21 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 8 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 12 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 6 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 5 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.0 | 45.0 | 36.8 | 7.1 | 1.8 | .2 | | | | | | | | | | | | 2389 | 2390 | 2389 | 2389 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 13245881 | 173685 | 72.7 | 16.095 | 2389 | | | | | | | |
| Dry Bulb | 2632777 | 75933 | 31.8 | 9.603 | 2390 | | 51.6 | | | | | 93 |
| Wet Bulb | 2270202 | 70000 | 29.3 | 9.579 | 2389 | | 62.2 | | | | | 93 |
| Dew Point | 1702934 | 56278 | 23.6 | 12.568 | 2389 | 2.8 | 72.4 | | | | | 93 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC 20L 64

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — FEB 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 |
| 62/ 61 | | .0 | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | | |
| 60/ 59 | .1 | .4 | .4 | .1 | | | | | | | | | | | | | | 21 | 21 | 4 | 2 |
| 58/ 57 | .0 | .4 | .2 | | | | .1 | | | | | | | | | | | 16 | 16 | 14 | 10 |
| 56/ 55 | | .3 | .1 | .2 | .0 | .0 | | | | | | | | | | | | 15 | 15 | 17 | 9 |
| 54/ 53 | .2 | .3 | .1 | .3 | .0 | | .1 | | | | | | | | | | | 25 | 25 | 17 | 21 |
| 52/ 51 | .1 | .6 | .2 | .1 | | .0 | | | | | | | | | | | | 24 | 24 | 18 | 14 |
| 50/ 49 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 16 | 16 | 21 | 19 |
| 48/ 47 | .4 | .5 | .3 | .1 | .3 | | | | | | | | | | | | | 35 | 35 | 28 | 19 |
| 46/ 45 | .3 | .6 | .5 | .6 | .1 | | | | | | | | | | | | | 46 | 46 | 29 | 24 |
| 44/ 43 | .3 | .5 | 1.0 | .8 | .2 | | | | | | | | | | | | | 62 | 62 | 24 | 23 |
| 42/ 41 | .6 | .6 | .9 | .9 | | .0 | | | | | | | | | | | | 71 | 71 | 53 | 27 |
| 40/ 39 | 1.4 | 2.6 | 2.2 | 1.1 | .1 | .1 | | | | | | | | | | | | 163 | 163 | 110 | 61 |
| 38/ 37 | 1.1 | 2.7 | 2.0 | .7 | .2 | | | | | | | | | | | | | 148 | 148 | 121 | 69 |
| 36/ 35 | .9 | 5.1 | 3.2 | 1.6 | .0 | | | | | | | | | | | | | 235 | 235 | 162 | 90 |
| 34/ 33 | .8 | 5.0 | 3.9 | .8 | .0 | | | | | | | | | | | | | 233 | 233 | 206 | 135 |
| 32/ 31 | .9 | 3.8 | 2.5 | .6 | | | | | | | | | | | | | | 172 | 172 | 222 | 166 |
| 30/ 29 | 1.4 | 4.2 | 4.0 | .5 | | | | | | | | | | | | | | 219 | 219 | 214 | 177 |
| 28/ 27 | .5 | 3.3 | 3.2 | .5 | | | | | | | | | | | | | | 165 | 165 | 182 | 147 |
| 26/ 25 | .5 | 3.2 | 2.6 | .2 | | | | | | | | | | | | | | 144 | 144 | 203 | 148 |
| 24/ 23 | | 1.2 | 2.1 | .3 | | | | | | | | | | | | | | 79 | 79 | 118 | 120 |
| 22/ 21 | .0 | 1.5 | 1.9 | .1 | | | | | | | | | | | | | | 76 | 76 | 91 | 149 |
| 20/ 19 | .1 | 1.4 | 1.7 | | | | | | | | | | | | | | | 69 | 69 | 91 | 95 |
| 18/ 17 | .1 | 1.4 | 1.0 | | | | | | | | | | | | | | | 54 | 54 | 74 | 112 |
| 16/ 15 | | 1.5 | .5 | | | | | | | | | | | | | | | 44 | 44 | 66 | 90 |
| 14/ 13 | | .6 | .2 | | | | | | | | | | | | | | | 16 | 18 | 52 | 74 |
| 12/ 11 | | .4 | | | | | | | | | | | | | | | | 9 | 9 | 20 | 67 |
| 10/ 9 | | .6 | .1 | | | | | | | | | | | | | | | 17 | 17 | 7 | 67 |
| 8/ 7 | .0 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 20 | 62 |
| 6/ 5 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 56 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 34 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 33 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 25 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 21 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 9 |

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

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 8 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10 | 043 | 635 | 0 | 9 | 7 | 1 | 2 | . | 3 | . | 2 | | | | | | | 2189 | | 2189 |
| | | | | | | | | | | | | | | | | | | 2189 | | 2189 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12266516 | 159944 | 73.1 | 10.279 | 2189 | | | | | | | |
| Dry Bulb | 2515585 | 71279 | 32.6 | 7.430 | 2189 | | 41.3 | | | | | 84 |
| Wet Bulb | 2170149 | 65805 | 30.1 | 9.366 | 2189 | | 52.4 | | | | | 84 |
| Dew Point | 1640655 | 53453 | 24.4 | 12.381 | 2189 | 2.6 | 03.9 | | | | | 84 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 62/ 61 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 60/ 59 | .0 | .2 | .2 | .0 | | | | | | | | | | | | | | 11 | 11 | 1 | |
| 58/ 57 | .3 | .2 | .0 | | | | .1 | | | | | | | | | | | 13 | 13 | 15 | 7 |
| 56/ 55 | .0 | .4 | .2 | .0 | .1 | .1 | | | | | | | | | | | | 19 | 19 | 9 | 12 |
| 54/ 53 | .1 | .3 | .1 | .1 | | .0 | | | | | | | | | | | | 16 | 16 | 13 | 11 |
| 52/ 51 | .1 | .4 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 25 | 25 | 11 | 11 |
| 50/ 49 | .4 | .5 | .1 | .0 | .1 | .1 | .0 | | | | | | | | | | | 27 | 27 | 22 | 14 |
| 48/ 47 | .2 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 33 | 21 |
| 46/ 45 | .2 | .3 | .4 | .6 | .1 | | | | | | | | | | | | | 35 | 35 | 21 | 20 |
| 44/ 43 | .3 | .9 | .4 | .6 | .1 | | | | | | | | | | | | | 52 | 52 | 27 | 26 |
| 42/ 41 | 1.1 | 1.4 | .9 | .3 | | | | | | | | | | | | | | 81 | 81 | 58 | 34 |
| 40/ 39 | 1.5 | 2.0 | 1.6 | .6 | .0 | | | | | | | | | | | | | 127 | 127 | 112 | 70 |
| 38/ 37 | 1.1 | 2.7 | 2.2 | .8 | .3 | | | | | | | | | | | | | 155 | 155 | 103 | 74 |
| 36/ 35 | 1.0 | 4.6 | 2.4 | .7 | .0 | | | | | | | | | | | | | 189 | 189 | 139 | 79 |
| 34/ 33 | 1.2 | 5.5 | 2.8 | .8 | | | | | | | | | | | | | | 226 | 226 | 197 | 115 |
| 32/ 31 | 1.2 | 4.1 | 2.6 | .5 | | | | | | | | | | | | | | 185 | 185 | 211 | 174 |
| 30/ 29 | 1.0 | 4.2 | 3.3 | .2 | | | | | | | | | | | | | | 189 | 189 | 186 | 172 |
| 28/ 27 | .8 | 3.9 | 3.1 | .0 | | | | | | | | | | | | | | 173 | 173 | 182 | 134 |
| 26/ 25 | .8 | 3.8 | 2.7 | .0 | | | | | | | | | | | | | | 162 | 162 | 214 | 132 |
| 24/ 23 | .2 | 2.8 | 2.0 | | | | | | | | | | | | | | | 110 | 110 | 143 | 126 |
| 22/ 21 | .1 | 1.7 | 1.5 | | | | | | | | | | | | | | | 71 | 71 | 113 | 130 |
| 20/ 19 | .1 | 2.0 | 1.9 | | | | | | | | | | | | | | | 87 | 87 | 73 | 121 |
| 18/ 17 | .2 | 1.2 | 1.3 | | | | | | | | | | | | | | | 59 | 59 | 78 | 117 |
| 16/ 15 | .1 | 1.7 | .7 | | | | | | | | | | | | | | | 54 | 54 | 71 | 101 |
| 14/ 13 | .1 | 1.4 | .2 | | | | | | | | | | | | | | | 36 | 36 | 62 | 89 |
| 12/ 11 | | 1.0 | .0 | | | | | | | | | | | | | | | 22 | 22 | 36 | 66 |
| 10/ 9 | | .6 | | | | | | | | | | | | | | | | 14 | 14 | 25 | 58 |
| 8/ 7 | .1 | .5 | | | | | | | | | | | | | | | | 13 | 13 | 13 | 49 |
| 6/ 5 | .0 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 14 | 52 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 46 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 37 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 19 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 13 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | FEB MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 10 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 7 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12.3 | 9.1 | 31.3 | 5.8 | 1.0 | .4 | .1 | | | | | | | | | | | 2187 | 2187 | 2187 | 2187 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12057783 | 162773 | 74.4 | 15.761 | 2187 | | | | | | | |
| Dry Bulb | 2354657 | 68591 | 31.4 | 9.647 | 2187 | | 45.4 | | | | | 84 |
| Wet Bulb | 2055387 | 63697 | 29.1 | 9.576 | 2187 | | 54.8 | | | | | 84 |
| Dew Point | 1574781 | 51965 | 23.8 | 12.472 | 2187 | 3.5 | 65.0 | | | | | 84 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | FEB 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 |
| 64/ 63 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 62/ 61 | .0 | | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 1 | 1 |
| 60/ 59 | .1 | .1 | .0 | .1 | | | | | | | | | | | | | | 8 | 8 | 3 | 2 |
| 58/ 57 | .0 | .4 | .2 | | .1 | | | | | | | | | | | | | 16 | 16 | 8 | 3 |
| 56/ 55 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 15 | 15 | 13 | 13 |
| 54/ 53 | .0 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 14 | 14 | 8 | 7 |
| 52/ 51 | .1 | .3 | .4 | .0 | .1 | | | | | | | | | | | | | 22 | 22 | 12 | 12 |
| 50/ 49 | .4 | .5 | .1 | .1 | .0 | | .0 | | | | | | | | | | | 26 | 26 | 32 | 14 |
| 48/ 47 | .1 | .3 | .4 | .0 | .1 | .1 | | | | | | | | | | | | 24 | 24 | 18 | 22 |
| 46/ 45 | .1 | .7 | .6 | .2 | .0 | .0 | | | | | | | | | | | | 37 | 37 | 21 | 20 |
| 44/ 43 | .5 | .8 | .5 | .4 | .1 | | | | | | | | | | | | | 49 | 49 | 39 | 19 |
| 42/ 41 | .9 | 1.3 | .6 | .6 | .2 | | | | | | | | | | | | | 80 | 80 | 60 | 44 |
| 40/ 39 | 1.5 | 2.2 | 1.8 | .7 | .3 | .1 | | | | | | | | | | | | 146 | 146 | 91 | 64 |
| 38/ 37 | 1.1 | 3.0 | 2.3 | .8 | | | | | | | | | | | | | | 157 | 157 | 120 | 86 |
| 36/ 35 | 1.2 | 4.3 | 2.6 | .9 | .0 | | | | | | | | | | | | | 199 | 199 | 136 | 95 |
| 34/ 33 | .9 | 4.8 | 3.2 | .7 | | | | | | | | | | | | | | 210 | 210 | 199 | 110 |
| 32/ 31 | 1.4 | 4.6 | 2.0 | .9 | | | | | | | | | | | | | | 216 | 216 | 224 | 157 |
| 30/ 29 | .6 | 3.0 | 3.7 | .3 | | | | | | | | | | | | | | 168 | 168 | 193 | 129 |
| 28/ 27 | .7 | 3.6 | 2.5 | .0 | | | | | | | | | | | | | | 149 | 149 | 172 | 152 |
| 26/ 25 | .5 | 4.3 | 2.3 | .0 | | | | | | | | | | | | | | 155 | 155 | 188 | 139 |
| 24/ 23 | .3 | 2.4 | 2.0 | .0 | | | | | | | | | | | | | | 105 | 105 | 142 | 131 |
| 22/ 21 | .2 | 2.1 | 1.8 | | | | | | | | | | | | | | | 89 | 89 | 102 | 136 |
| 20/ 19 | .0 | 1.8 | 1.3 | .0 | | | | | | | | | | | | | | 71 | 71 | 87 | 117 |
| 18/ 17 | .1 | 2.1 | .9 | | | | | | | | | | | | | | | 68 | 68 | 88 | 136 |
| 16/ 15 | .3 | 1.5 | .6 | | | | | | | | | | | | | | | 51 | 51 | 68 | 96 |
| 14/ 13 | .1 | 1.4 | .4 | | | | | | | | | | | | | | | 41 | 41 | 53 | 65 |
| 12/ 11 | | 1.1 | .0 | | | | | | | | | | | | | | | 24 | 24 | 43 | 78 |
| 10/ 9 | | 1.1 | .0 | | | | | | | | | | | | | | | 24 | 24 | 29 | 61 |
| 8/ 7 | | .4 | .0 | | | | | | | | | | | | | | | 9 | 9 | 19 | 51 |
| 6/ 5 | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 10 | 55 |
| 4/ 3 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 40 |
| 2/ 1 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 42 |
| 0/ -1 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 30 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 25 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 90 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 12 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 9 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 7 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 3 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11 | 748 | 581 | 7 | 6.4 | 1.3 | .3 | .0 | | | | | | | | | | | 2188 | | 2188 |
| | | | | | | | | | | | | | | | | | | 2188 | | 2188 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12576026 | 162330 | 74.2 | 15.605 | 2188 | | | | | | | |
| Dry Bulb | 2349416 | 68416 | 31.3 | 9.802 | 2188 | .0 | 5.3 | | | | | 84 |
| Wet Bulb | 2045605 | 63459 | 29.0 | 9.684 | 2188 | .1 | 54.8 | | | | | 84 |
| Dew Point | 1565142 | 51462 | 23.6 | 12.566 | 2188 | 3.5 | 64.3 | | | | | 84 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 66/ 65 | | | | .1 | .0 | .0 | | | | | | | | | | | | 4 | 4 | | |
| 64/ 63 | .1 | | .1 | .1 | | | | | | | | | | | | | | 7 | 7 | 2 | 2 |
| 62/ 61 | .0 | .1 | .1 | .2 | .0 | .0 | | .0 | | | | | | | | | | 14 | 14 | 3 | 1 |
| 60/ 59 | .0 | .2 | .1 | .2 | .2 | .0 | .1 | .0 | | | | | | | | | | 23 | 23 | 7 | 3 |
| 58/ 57 | | .3 | .3 | .2 | .1 | .0 | .1 | | | | | | | | | | | 23 | 23 | 17 | 6 |
| 56/ 55 | | .1 | .3 | .2 | .2 | .2 | .0 | | | | | | | | | | | 24 | 24 | 15 | 11 |
| 54/ 53 | .1 | .2 | .4 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | | 30 | 30 | 21 | 16 |
| 52/ 51 | .1 | .3 | .5 | .3 | .2 | .5 | .1 | .0 | | | | | | | | | | 45 | 45 | 26 | 18 |
| 50/ 49 | .4 | .5 | .2 | .5 | .5 | .1 | .2 | | | | | | | | | | | 52 | 52 | 33 | 25 |
| 48/ 47 | .5 | .5 | .4 | 1.1 | .7 | .4 | .1 | | | | | | | | | | | 79 | 79 | 40 | 38 |
| 46/ 45 | .3 | 1.0 | .7 | 1.3 | .5 | .2 | | | | | | | | | | | | 87 | 87 | 45 | 25 |
| 44/ 43 | .5 | 1.6 | 1.2 | 1.3 | .9 | .1 | .0 | | | | | | | | | | | 121 | 121 | 69 | 35 |
| 42/ 41 | 1.0 | 1.4 | 1.4 | 2.0 | 1.1 | .3 | | | | | | | | | | | | 156 | 156 | 122 | 68 |
| 40/ 39 | .8 | 1.9 | 2.2 | 2.5 | 1.1 | | | | | | | | | | | | | 186 | 186 | 129 | 65 |
| 38/ 37 | 1.1 | 2.7 | 2.9 | 2.4 | .7 | .0 | | | | | | | | | | | | 215 | 215 | 158 | 85 |
| 36/ 35 | .3 | 3.0 | 3.5 | 3.0 | .5 | | | | | | | | | | | | | 222 | 222 | 202 | 91 |
| 34/ 33 | .2 | 2.0 | 2.9 | 1.8 | .4 | | | | | | | | | | | | | 175 | 175 | 206 | 142 |
| 32/ 31 | .0 | 1.6 | 3.2 | 1.7 | .3 | | | | | | | | | | | | | 162 | 162 | 238 | 147 |
| 30/ 29 | .1 | 1.1 | 3.0 | 1.4 | .0 | | | | | | | | | | | | | 124 | 124 | 155 | 133 |
| 28/ 27 | .0 | .6 | 2.7 | .5 | | | | | | | | | | | | | | 86 | 86 | 147 | 147 |
| 26/ 25 | .1 | .6 | 2.5 | .6 | | | | | | | | | | | | | | 84 | 84 | 131 | 135 |
| 24/ 23 | .2 | 1.1 | 2.0 | .4 | | | | | | | | | | | | | | 80 | 80 | 108 | 110 |
| 22/ 21 | .0 | 1.0 | 1.0 | .1 | | | | | | | | | | | | | | 47 | 47 | 79 | 140 |
| 20/ 19 | .0 | .4 | 1.4 | | | | | | | | | | | | | | | 39 | 39 | 80 | 102 |
| 18/ 17 | | .7 | 1.0 | | | | | | | | | | | | | | | 37 | 37 | 38 | 91 |
| 16/ 15 | | .4 | .6 | | | | | | | | | | | | | | | 23 | 23 | 45 | 100 |
| 14/ 13 | | .3 | .5 | | | | | | | | | | | | | | | 16 | 16 | 27 | 92 |
| 12/ 11 | | .4 | .1 | | | | | | | | | | | | | | | 11 | 11 | 20 | 72 |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 14 | 51 |
| 8/ 7 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 46 |
| 6/ 5 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 39 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 44 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | 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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | FEB MONTH

PAGE 2 | 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 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 33 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 24 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 10 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 9 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6,6 | 24,8 | 35,4 | 22,2 | 7,6 | 2,3 | ,8 | ,2 | | | | | | | | | | | 2188 | | 2188 |
| | | | | | | | | | | | | | | | | | | 2188 | | 2188 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10264788 | 144518 | 66.1 | 18,085 | 2187 | | | | | | | |
| Dry Bulb | 3095872 | 79314 | 36.2 | 10,047 | 2188 | | 27,7 | ,2 | | | | 84 |
| Wet Bulb | 2518171 | 71179 | 32.5 | 9,625 | 2188 | | 42,0 | | | | | 84 |
| Dew Point | 1760648 | 55222 | 25,2 | 12,953 | 2188 | 3,1 | 59,8 | | | | | 84 |

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (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 |
| 74/ 73 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | | | .0 | .1 | .1 | .0 | | | | | | | | | | 6 | 6 | | |
| 70/ 69 | | | | | .1 | .1 | .1 | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | .0 | | | .0 | .0 | .1 | .0 | .1 | | | | | | | | | | 9 | 9 | 2 | 1 |
| 66/ 65 | .0 | | .0 | .2 | .3 | .1 | .1 | | .1 | | | | | | | | | 21 | 21 | 1 | 1 |
| 64/ 63 | | | .1 | .2 | .1 | .2 | .1 | .0 | .1 | | | | | | | | | 19 | 19 | 2 | 1 |
| 62/ 61 | | .1 | .2 | .1 | .4 | .0 | .1 | .0 | | | | | | | | | | 20 | 20 | 5 | 1 |
| 60/ 59 | .0 | .2 | .1 | .2 | .3 | .2 | .4 | .1 | .0 | | | | | | | | | 34 | 34 | 20 | 3 |
| 58/ 57 | .0 | .1 | .3 | .2 | .1 | .4 | .2 | | .1 | | | | | | | | | 34 | 34 | 23 | 13 |
| 56/ 55 | .1 | .4 | .2 | .2 | .4 | .5 | .5 | .2 | | | | | | | | | | 54 | 54 | 22 | 15 |
| 54/ 53 | .4 | .0 | .2 | .4 | .8 | .5 | .4 | .2 | | | | | | | | | | 66 | 66 | 43 | 29 |
| 52/ 51 | .3 | .8 | .3 | .5 | .8 | .7 | .3 | | | | | | | | | | | 81 | 81 | 30 | 30 |
| 50/ 49 | .1 | .4 | .4 | .9 | 1.7 | .6 | .3 | | | | | | | | | | | 97 | 97 | 43 | 25 |
| 48/ 47 | .1 | .4 | .4 | 1.2 | 1.2 | .5 | .0 | | | | | | | | | | | 85 | 85 | 57 | 44 |
| 46/ 45 | .2 | .8 | .7 | 1.4 | 2.0 | 1.1 | .3 | | | | | | | | | | | 143 | 143 | 75 | 18 |
| 44/ 43 | .3 | 1.1 | 1.0 | 2.0 | 1.9 | .8 | .1 | | | | | | | | | | | 158 | 158 | 100 | 43 |
| 42/ 41 | .7 | 1.1 | 1.6 | 2.3 | 2.4 | .6 | | | | | | | | | | | | 195 | 195 | 150 | 59 |
| 40/ 39 | .5 | 1.8 | 2.4 | 2.3 | 2.1 | .3 | | | | | | | | | | | | 201 | 201 | 158 | 69 |
| 38/ 37 | .7 | 1.9 | 1.2 | 3.2 | 1.2 | .2 | | | | | | | | | | | | 184 | 184 | 191 | 91 |
| 36/ 35 | .3 | 1.8 | 1.5 | 3.3 | 1.6 | | | | | | | | | | | | | 185 | 185 | 231 | 113 |
| 34/ 33 | | .1 | 1.5 | 2.2 | .9 | | | | | | | | | | | | | 135 | 135 | 200 | 138 |
| 32/ 31 | | .9 | 1.1 | 2.3 | .3 | | | | | | | | | | | | | 108 | 108 | 182 | 153 |
| 30/ 29 | .1 | .3 | 1.2 | 1.5 | .1 | | | | | | | | | | | | | 70 | 70 | 151 | 143 |
| 28/ 27 | .0 | .5 | 1.6 | 1.1 | .1 | | | | | | | | | | | | | 76 | 76 | 132 | 113 |
| 26/ 25 | | .4 | 1.5 | .6 | | | | | | | | | | | | | | 54 | 54 | 92 | 125 |
| 24/ 23 | .1 | .5 | .7 | .6 | | | | | | | | | | | | | | 42 | 42 | 83 | 110 |
| 22/ 21 | .0 | .2 | 1.0 | | | | | | | | | | | | | | | 27 | 27 | 56 | 140 |
| 20/ 19 | .0 | .2 | 1.2 | .0 | | | | | | | | | | | | | | 33 | 33 | 38 | 123 |
| 18/ 17 | | .4 | .5 | | | | | | | | | | | | | | | 20 | 20 | 42 | 92 |
| 16/ 15 | | .1 | .2 | | | | | | | | | | | | | | | 8 | 8 | 28 | 83 |
| 14/ 13 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 11 | 70 |
| 12/ 11 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 6 | 71 |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 64 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 46 |

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

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 34 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 36 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 31 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 26 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 18 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 5 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 7 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.2 | 16.0 | 21.5 | 27.1 | 18.9 | 7.1 | 3.1 | .7 | .4 | | | | | | | | 2185 | 2185 | 2185 | | 2185 |

| Element ( ) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8639817 | 130681 | 59.8 | 19.424 | 2185 | | | | | | | |
| Dry Bulb | 3786916 | 88020 | 40.3 | 10.508 | 2185 | | 17.3 | .8 | .0 | | | 84 |
| Wet Bulb | 2911220 | 75944 | 35.2 | 9.609 | 2185 | | 32.0 | .1 | | | | 84 |
| Dew Point | 1884829 | 57453 | 26.3 | 13.089 | 2185 | 2.2 | 57.3 | .0 | | | | 84 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 72/ 71 | | | | | .0 | .1 | .1 | | | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | | | | | .2 | .0 | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | | | | .1 | .1 | .2 | .0 | .1 | | .0 | | | | | | | | 13 | 13 | | |
| 66/ 65 | | .0 | .1 | .0 | .2 | .2 | .0 | .1 | .1 | | | | | | | | | 20 | 20 | | |
| 64/ 63 | | .1 | .1 | .2 | .0 | .1 | | | .1 | | | | | | | | | 13 | 13 | 4 | |
| 62/ 61 | | | .2 | .0 | .1 | .1 | .0 | .1 | | | | | | | | | | 16 | 16 | 9 | 3 |
| 60/ 59 | | .1 | .0 | .1 | .1 | | .1 | .1 | .1 | | | | | | | | | 15 | 15 | 13 | 2 |
| 58/ 57 | .1 | .4 | .4 | .3 | .3 | .4 | .1 | .0 | .0 | | | | | | | | | 45 | 45 | 25 | 13 |
| 56/ 55 | .0 | .5 | .2 | .3 | .4 | .5 | .4 | .1 | | | | | | | | | | 54 | 54 | 19 | 15 |
| 54/ 53 | .2 | .2 | .3 | .2 | .6 | .3 | .3 | .1 | | | | | | | | | | 49 | 49 | 33 | 27 |
| 52/ 51 | .0 | .1 | .5 | .4 | 1.1 | .8 | .2 | .0 | | | | | | | | | | 69 | 69 | 26 | 20 |
| 50/ 49 | .1 | .5 | .4 | .7 | 1.0 | .4 | .3 | .0 | | | | | | | | | | 76 | 76 | 36 | 22 |
| 48/ 47 | .0 | .7 | .7 | 1.2 | 1.2 | .6 | .0 | | | | | | | | | | | 101 | 101 | 50 | 24 |
| 46/ 45 | .3 | 1.1 | .7 | 2.2 | 1.9 | .9 | .3 | | | | | | | | | | | 159 | 159 | 78 | 35 |
| 44/ 43 | .4 | 1.1 | 1.2 | 1.6 | 2.1 | .5 | .2 | | | | | | | | | | | 156 | 156 | 105 | 52 |
| 42/ 41 | .6 | 1.4 | 1.8 | 2.6 | 2.3 | .6 | .0 | | | | | | | | | | | 206 | 206 | 142 | 53 |
| 40/ 39 | .6 | 1.2 | 2.2 | 2.8 | 2.4 | .4 | | | | | | | | | | | | 211 | 211 | 178 | 71 |
| 38/ 37 | .9 | 2.2 | 2.1 | 2.7 | 1.4 | .3 | | | | | | | | | | | | 210 | 210 | 188 | 93 |
| 36/ 35 | .5 | 1.4 | 2.3 | 2.6 | 1.5 | .2 | | | | | | | | | | | | 184 | 184 | 233 | 123 |
| 34/ 33 | .6 | 1.9 | 2.1 | 1.6 | .7 | | | | | | | | | | | | | 151 | 151 | 227 | 146 |
| 32/ 31 | .6 | .6 | 1.4 | 1.3 | .7 | | | | | | | | | | | | | 101 | 101 | 222 | 158 |
| 30/ 29 | | .5 | 1.0 | 2.1 | .5 | | | | | | | | | | | | | 88 | 88 | 137 | 155 |
| 28/ 27 | .1 | .8 | 1.1 | .5 | | | | | | | | | | | | | | 56 | 56 | 110 | 119 |
| 26/ 25 | .1 | .8 | 1.3 | .9 | | | | | | | | | | | | | | 68 | 68 | 85 | 130 |
| 24/ 23 | .0 | .2 | .9 | .3 | | | | | | | | | | | | | | 31 | 31 | 102 | 135 |
| 22/ 21 | .0 | .3 | 1.1 | .0 | | | | | | | | | | | | | | 32 | 32 | 53 | 147 |
| 20/ 19 | .1 | .2 | .7 | | | | | | | | | | | | | | | 23 | 23 | 42 | 107 |
| 18/ 17 | | .1 | .4 | .0 | | | | | | | | | | | | | | 12 | 12 | 34 | 92 |
| 16/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 18 | 51 |
| 14/ 13 | | .2 | .1 | | | | | | | | | | | | | | | 6 | 6 | 6 | 71 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 7 | 58 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 45 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 56 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 47 |

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

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

 1500-1700 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 40 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 22 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 26 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 19 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.5 | 17.0 | 23.5 | 24.8 | 18.7 | 6.7 | 2.4 | .9 | .4 | .0 | | | | | | | | 2186 | 2186 | 2186 | 2186 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 8939566 | 132868 | 60.8 | 19.881 | 2186 | | | | | | | |
| Dry Bulb | 3740897 | 87783 | 40.2 | 9.938 | 2186 | | 16.4 | 1.0 | | | | 84 |
| Wet Bulb | 2891380 | 76986 | 35.2 | 9.079 | 2186 | | 31.5 | | | | | 84 |
| Dew Point | 1888265 | 57929 | 26.5 | 12.713 | 2186 | 2.1 | 57.1 | | | | | 84 |

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

DATA PROCESSING BRANCH
USAF ETAC
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 66/ 65 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 64/ 63 | | .0 | .0 | .0 | .1 | .0 | .0 | | | | | | | | | | | 7 | 7 | | |
| 62/ 61 | .0 | | .2 | .1 | .0 | | | .0 | | | | | | | | | | 10 | 10 | 2 | 2 |
| 60/ 59 | | .2 | .2 | .1 | .1 | .0 | .1 | | | | | | | | | | | 20 | 20 | 5 | |
| 58/ 57 | .1 | .3 | .1 | .0 | .0 | | .0 | .0 | | | | | | | | | | 14 | 14 | 15 | 10 |
| 56/ 55 | | .3 | .1 | .0 | .1 | .1 | .1 | | | | | | | | | | | 16 | 16 | 15 | 10 |
| 54/ 53 | .1 | .5 | .3 | .2 | .4 | .1 | .1 | | | | | | | | | | | 37 | 37 | 17 | 17 |
| 52/ 51 | .2 | .4 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | | 34 | 34 | 21 | 15 |
| 50/ 49 | .1 | .6 | .3 | .4 | .3 | .1 | .0 | | | | | | | | | | | 40 | 40 | 29 | 17 |
| 48/ 47 | .2 | .5 | .5 | .4 | .5 | .1 | | | | | | | | | | | | 50 | 50 | 39 | 26 |
| 46/ 45 | .1 | 1.1 | .8 | 1.1 | .2 | .0 | | | | | | | | | | | | 72 | 72 | 46 | 27 |
| 44/ 43 | .2 | 1.3 | 1.8 | 1.2 | .7 | .0 | | | | | | | | | | | | 116 | 116 | 55 | 34 |
| 42/ 41 | 1.1 | 1.7 | 1.8 | 1.8 | .5 | .0 | | | | | | | | | | | | 153 | 153 | 105 | 60 |
| 40/ 39 | .8 | 2.3 | 2.6 | 2.1 | .6 | .1 | | | | | | | | | | | | 185 | 185 | 121 | 83 |
| 38/ 37 | .9 | 3.2 | 3.5 | 3.2 | .6 | | | | | | | | | | | | | 249 | 249 | 160 | 78 |
| 36/ 35 | .5 | 2.7 | 3.8 | 2.1 | 1.0 | .0 | | | | | | | | | | | | 221 | 221 | 199 | 94 |
| 34/ 33 | .4 | 4.6 | 3.8 | 2.2 | .5 | | | | | | | | | | | | | 247 | 247 | 214 | 150 |
| 32/ 31 | 1.1 | 2.5 | 3.0 | 1.9 | .2 | | | | | | | | | | | | | 189 | 189 | 300 | 161 |
| 30/ 29 | .3 | 1.7 | 3.4 | 1.4 | .1 | | | | | | | | | | | | | 152 | 152 | 185 | 175 |
| 28/ 27 | | 1.1 | 2.0 | 1.2 | .1 | | | | | | | | | | | | | 95 | 95 | 172 | 150 |
| 26/ 25 | .2 | 1.2 | 1.6 | .4 | | | | | | | | | | | | | | 76 | 76 | 151 | 152 |
| 24/ 23 | | .6 | 1.9 | .5 | | | | | | | | | | | | | | 68 | 68 | 86 | 146 |
| 22/ 21 | .0 | .1 | 1.7 | .1 | | | | | | | | | | | | | | 43 | 43 | 75 | 122 |
| 20/ 19 | | .5 | .7 | | | | | | | | | | | | | | | 26 | 26 | 53 | 102 |
| 18/ 17 | | .7 | .6 | | | | | | | | | | | | | | | 29 | 29 | 54 | 86 |
| 16/ 15 | .0 | .4 | .2 | | | | | | | | | | | | | | | 14 | 14 | 32 | 63 |
| 14/ 13 | | .2 | .0 | | | | | | | | | | | | | | | 5 | 5 | 17 | 74 |
| 12/ 11 | | .4 | .1 | | | | | | | | | | | | | | | 12 | 12 | 6 | 60 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 13 | 49 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 53 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 44 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 43 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 27 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 30 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 15 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6 | 529 | 335 | 420 | 7 | 6.5 | .9 | .5 | .1 | | | | | | | | | | 2184 | | 2185 |
| | | | | | | | | | | | | | | | | | 2184 | | 2184 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 10886759 | 149087 | 68.3 | 17.974 | 2183 | | | | | | | |
| Dry Bulb | 2999874 | 78596 | 36.0 | 8.862 | 2184 | | 27.3 | | | | | 84 |
| Wet Bulb | 2481099 | 71123 | 32.6 | 8.692 | 2184 | | 44.0 | | | | | 84 |
| Dew Point | 1780940 | 56392 | 25.8 | 12.209 | 2185 | 2.1 | 60.0 | | | | | 84 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 64/ 63 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | | |
| 62/ 61 | | .1 | .1 | .0 | | | .0 | | | | | | | | | | | 6 | 6 | 2 | 1 |
| 60/ 59 | .0 | .2 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 13 | 13 | 5 | 2 |
| 58/ 57 | .1 | .1 | .3 | .1 | .0 | | .0 | | | | | | | | | | | 17 | 17 | 11 | 7 |
| 56/ 55 | | .3 | .1 | .1 | | .1 | | | | | | | | | | | | 13 | 13 | 8 | 7 |
| 54/ 53 | .1 | .2 | .2 | .2 | .1 | | .0 | | | | | | | | | | | 19 | 19 | 18 | 14 |
| 52/ 51 | .3 | .5 | .3 | .3 | .1 | .1 | .0 | | | | | | | | | | | 34 | 34 | 18 | 15 |
| 50/ 49 | .2 | .6 | .2 | .4 | .2 | .1 | | | | | | | | | | | | 37 | 37 | 25 | 19 |
| 48/ 47 | .2 | .3 | .5 | .1 | .2 | .1 | .0 | | | | | | | | | | | 32 | 32 | 35 | 22 |
| 46/ 45 | .2 | .8 | .6 | .5 | .2 | | | | | | | | | | | | | 51 | 51 | 29 | 23 |
| 44/ 43 | .5 | .8 | 1.0 | .9 | .3 | | | | | | | | | | | | | 76 | 76 | 47 | 33 |
| 42/ 41 | 1.3 | 1.3 | 1.5 | .5 | .4 | | | | | | | | | | | | | 109 | 109 | 73 | 56 |
| 40/ 39 | 1.1 | 2.2 | 1.9 | 1.3 | .2 | .1 | | | | | | | | | | | | 150 | 150 | 113 | 63 |
| 38/ 37 | .7 | 3.3 | 2.8 | 1.7 | .0 | | | | | | | | | | | | | 187 | 187 | 123 | 74 |
| 36/ 35 | 1.1 | 5.1 | 4.3 | 1.9 | .2 | | | | | | | | | | | | | 275 | 275 | 184 | 91 |
| 34/ 33 | .8 | 4.9 | 3.5 | 1.4 | .1 | | | | | | | | | | | | | 234 | 234 | 232 | 141 |
| 32/ 31 | .9 | 3.5 | 3.8 | 1.6 | | | | | | | | | | | | | | 215 | 215 | 246 | 180 |
| 30/ 29 | .8 | 3.1 | 3.5 | 1.6 | | | | | | | | | | | | | | 197 | 197 | 203 | 172 |
| 28/ 27 | .1 | 2.6 | 2.7 | .5 | | | | | | | | | | | | | | 131 | 131 | 189 | 147 |
| 26/ 25 | .1 | 1.9 | 2.3 | .5 | | | | | | | | | | | | | | 104 | 104 | 193 | 130 |
| 24/ 23 | .1 | 1.1 | 2.1 | .5 | | | | | | | | | | | | | | 83 | 83 | 107 | 156 |
| 22/ 21 | .1 | .8 | 1.9 | .0 | | | | | | | | | | | | | | 63 | 63 | 86 | 132 |
| 20/ 19 | .1 | .7 | 1.3 | | | | | | | | | | | | | | | 45 | 45 | 68 | 103 |
| 18/ 17 | | 1.0 | .5 | | | | | | | | | | | | | | | 33 | 33 | 66 | 101 |
| 16/ 15 | | .9 | .5 | | | | | | | | | | | | | | | 32 | 32 | 40 | 75 |
| 14/ 13 | | .4 | | | | | | | | | | | | | | | | 9 | 9 | 42 | 83 |
| 12/ 11 | .1 | .3 | .0 | | | | | | | | | | | | | | | 9 | 9 | 9 | 76 |
| 10/ 9 | | .5 | | | | | | | | | | | | | | | | 10 | 10 | 7 | 52 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 55 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 46 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 38 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 21 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 26 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) FEB (MONTH)

PAGE 2 2100-2300 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 15 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 5 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 5 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9. | 137. | 536. | 314. | 32. | 5. | 2. | | | | | | | | | | | 2189 | | 2189 | 2189 |
| | | | | | | | | | | | | | | | | | 2189 | | 2189 | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11664790 | 156886 | 71.7 | 16.844 | 2189 | | | | | | | |
| Dry Bulb | 2699240 | 74362 | 34.0 | 8.895 | 2189 | | 35.8 | | | | | 84 |
| Wet Bulb | 2296730 | 68214 | 31.2 | 8.841 | 2189 | | 48.6 | | | | | 84 |
| Dew Point | 1706700 | 55240 | 25.2 | 11.955 | 2189 | 2.0 | 62.2 | | | | | 84 |

FORM 0-26-5 (OL-A) JUL 54 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | .1 | .1 | .0 | | | | | | | | | | | | | 5 | 5 | | |
| 66/ 65 | | | .2 | .2 | .0 | | | | | | | | | | | | | 12 | 12 | | |
| 64/ 63 | | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | 3 | |
| 62/ 61 | | .2 | .0 | .2 | .2 | .0 | | | | | | | | | | | | 18 | 18 | 13 | |
| 60/ 59 | .1 | .2 | .3 | .2 | .2 | .0 | .0 | | | | | | | | | | | 28 | 28 | 16 | 13 |
| 58/ 57 | .1 | .2 | .1 | .1 | .2 | .1 | | | | | | | | | | | | 20 | 20 | 20 | 19 |
| 56/ 55 | .2 | .5 | .3 | .3 | .2 | .0 | | | | | | | | | | | | 40 | 40 | 25 | 19 |
| 54/ 53 | .5 | .7 | .5 | .4 | .3 | | | | | | | | | | | | | 58 | 58 | 34 | 28 |
| 52/ 51 | .3 | .7 | .3 | .6 | .3 | .0 | | | | | | | | | | | | 55 | 55 | 42 | 35 |
| 50/ 49 | .2 | .8 | .4 | .5 | .3 | .0 | | | | | | | | | | | | 55 | 55 | 54 | 30 |
| 48/ 47 | .1 | 1.1 | .7 | .7 | .5 | .1 | .0 | | | | | | | | | | | 79 | 79 | 51 | 42 |
| 46/ 45 | 1.2 | 2.5 | 1.1 | .7 | .5 | .1 | | | | | | | | | | | | 146 | 146 | 104 | 75 |
| 44/ 43 | .6 | 2.5 | 1.4 | 1.8 | .5 | | | | | | | | | | | | | 163 | 163 | 114 | 72 |
| 42/ 41 | .8 | 3.2 | 2.0 | 1.2 | .4 | | | | | | | | | | | | | 180 | 181 | 123 | 110 |
| 40/ 39 | .8 | 4.5 | 3.9 | 1.8 | .3 | | | | | | | | | | | | | 274 | 274 | 204 | 115 |
| 38/ 37 | .9 | 3.0 | 3.2 | 2.1 | .2 | | | | | | | | | | | | | 225 | 225 | 217 | 168 |
| 36/ 35 | .4 | 4.4 | 3.7 | 2.4 | .1 | | | | | | | | | | | | | 264 | 264 | 213 | 132 |
| 34/ 33 | .5 | 3.8 | 3.0 | 2.0 | .1 | | | | | | | | | | | | | 226 | 226 | 268 | 154 |
| 32/ 31 | .6 | 2.6 | 2.3 | 1.8 | .0 | | | | | | | | | | | | | 176 | 176 | 232 | 205 |
| 30/ 29 | .2 | 1.4 | 2.5 | 1.3 | .0 | | | | | | | | | | | | | 133 | 133 | 203 | 179 |
| 28/ 27 | .2 | 1.2 | 1.6 | .5 | | | | | | | | | | | | | | 85 | 85 | 128 | 181 |
| 26/ 25 | .0 | .9 | 1.3 | .1 | | | | | | | | | | | | | | 58 | 58 | 142 | 143 |
| 24/ 23 | .0 | .9 | .7 | .0 | | | | | | | | | | | | | | 42 | 42 | 81 | 114 |
| 22/ 21 | .0 | .2 | .5 | | | | | | | | | | | | | | | 19 | 19 | 54 | 86 |
| 20/ 19 | .2 | .4 | .2 | | | | | | | | | | | | | | | 18 | 18 | 33 | 97 |
| 18/ 17 | | .4 | .1 | | | | | | | | | | | | | | | 11 | 11 | 16 | 109 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 92 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 55 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 53 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 22 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 32 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | ≤ 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7 | 836 | 730 | 919 | 3 4 | 7 | 5 | 1 | | | | | | | | | | 2406 | 2407 | 2406 | 2406 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13689804 | 177342 | 73.7 | 16.033 | 2406 | | | | | | | |
| Dry Bulb | 3795215 | 93211 | 38.7 | 8.783 | 2407 | | 21.1 | .2 | | | | 93 |
| Wet Bulb | 3243194 | 85814 | 35.7 | 8.711 | 2406 | | 35.0 | | | | | 93 |
| Dew Point | 2549703 | 73519 | 30.6 | 11.228 | 2406 | | 53.9 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
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# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — MAR MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | | | .4 | .1 | | | | | | | | | | | | | | 12 | 12 | | |
| 64/ 63 | | | .1 | .2 | | | | | | | | | | | | | | 8 | 8 | 2 | |
| 62/ 61 | | .2 | .2 | .2 | .1 | .0 | | | | | | | | | | | | 15 | 15 | 10 | |
| 60/ 59 | | .4 | .3 | .2 | | | | | | | | | | | | | | 20 | 20 | 14 | 10 |
| 58/ 57 | .1 | .5 | .2 | .2 | .2 | | | | | | | | | | | | | 28 | 28 | 23 | 17 |
| 56/ 55 | .1 | .4 | .2 | .3 | .1 | .1 | | | | | | | | | | | | 29 | 29 | 27 | 29 |
| 54/ 53 | .2 | .8 | .5 | .3 | .2 | .0 | | | | | | | | | | | | 51 | 51 | 26 | 24 |
| 52/ 51 | .4 | .8 | .2 | .2 | .2 | | | | | | | | | | | | | 42 | 42 | 41 | 29 |
| 50/ 49 | .3 | .7 | .4 | .3 | .2 | | | | | | | | | | | | | 44 | 44 | 46 | 35 |
| 48/ 47 | .5 | 1.0 | .9 | .4 | .2 | | | | | | | | | | | | | 72 | 72 | 47 | 44 |
| 46/ 45 | 1.0 | 2.0 | 1.1 | .6 | .1 | | | | | | | | | | | | | 114 | 114 | 85 | 55 |
| 44/ 43 | .7 | 2.5 | 1.9 | 1.1 | .2 | | | | | | | | | | | | | 153 | 153 | 106 | 74 |
| 42/ 41 | 1.0 | 2.9 | 2.1 | 1.2 | .2 | | | | | | | | | | | | | 178 | 178 | 119 | 92 |
| 40/ 39 | .9 | 3.5 | 3.2 | 1.2 | .2 | | | | | | | | | | | | | 216 | 216 | 188 | 110 |
| 38/ 37 | .8 | 3.5 | 3.3 | .8 | .2 | | | | | | | | | | | | | 207 | 207 | 180 | 151 |
| 36/ 35 | .6 | 4.8 | 4.2 | 1.7 | | | | | | | | | | | | | | 272 | 272 | 215 | 137 |
| 34/ 33 | .9 | 4.6 | 3.1 | 1.5 | .1 | | | | | | | | | | | | | 245 | 245 | 244 | 158 |
| 32/ 31 | .7 | 3.6 | 3.1 | 1.0 | | | | | | | | | | | | | | 204 | 204 | 246 | 210 |
| 30/ 29 | .2 | 2.5 | 3.4 | .8 | .0 | | | | | | | | | | | | | 167 | 167 | 215 | 200 |
| 28/ 27 | .1 | 1.8 | 2.4 | .3 | | | | | | | | | | | | | | 111 | 111 | 163 | 149 |
| 26/ 25 | .2 | .7 | 2.2 | .2 | | | | | | | | | | | | | | 80 | 80 | 148 | 161 |
| 24/ 23 | .1 | .8 | 1.2 | | | | | | | | | | | | | | | 49 | 49 | 92 | 114 |
| 22/ 21 | .1 | .7 | .5 | | | | | | | | | | | | | | | 34 | 34 | 71 | 116 |
| 20/ 19 | .0 | .7 | .2 | | | | | | | | | | | | | | | 25 | 25 | 50 | 74 |
| 18/ 17 | | .2 | .1 | | | | | | | | | | | | | | | 9 | 9 | 20 | 96 |
| 16/ 15 | .1 | .5 | .1 | | | | | | | | | | | | | | | 15 | 15 | 12 | 111 |
| 14/ 13 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 13 | 68 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 43 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 37 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 11 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

PAGE 2 | 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 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.0 | 40.4 | 35.3 | 12.9 | 2.2 | .2 | | | | | | | | | | | | 2408 | 2408 | 2408 | 2408 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14345364 | 182258 | 75.7 | 15.123 | 2408 | | | | | | | |
| Dry Bulb | 3555592 | 89990 | 37.4 | 8.944 | 2408 | | 27.0 | .1 | | | | 93 |
| Wet Bulb | 3092849 | 83563 | 34.7 | 8.955 | 2408 | | 40.0 | | | | | 93 |
| Dew Point | 2480328 | 72270 | 30.0 | 11.373 | 2408 | .1 | 55.7 | | | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR 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 |
| 72/ 71 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | | | .2 | .0 | .0 | | | | | | | | | | | | 6 | 6 | | |
| 66/ 65 | | .0 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | | |
| 64/ 63 | | .0 | .2 | .3 | | | | | | | | | | | | | | 12 | 12 | 3 | |
| 62/ 61 | .1 | .3 | .2 | .2 | | .0 | .0 | | | | | | | | | | | 21 | 21 | 18 | 4 |
| 60/ 59 | .0 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 20 | 20 | 21 | 14 |
| 58/ 57 | .1 | .7 | .3 | .2 | .2 | .1 | | | | | | | | | | | | 40 | 40 | 26 | 19 |
| 56/ 55 | .2 | .7 | .2 | .2 | .1 | .0 | | | | | | | | | | | | 34 | 34 | 29 | 42 |
| 54/ 53 | .2 | .6 | .4 | .2 | .2 | | | | | | | | | | | | | 39 | 39 | 33 | 23 |
| 52/ 51 | .4 | .9 | .2 | .4 | .4 | .0 | | | | | | | | | | | | 55 | 55 | 36 | 31 |
| 50/ 49 | .3 | .6 | .6 | .4 | .2 | | | | | | | | | | | | | 51 | 51 | 47 | 33 |
| 48/ 47 | .7 | .9 | .7 | .5 | .3 | | | | | | | | | | | | | 75 | 75 | 61 | 57 |
| 46/ 45 | .7 | 2.1 | 1.8 | 1.0 | .4 | | | | | | | | | | | | | 144 | 144 | 73 | 44 |
| 44/ 43 | .9 | 2.2 | 2.0 | 1.2 | .2 | .0 | | | | | | | | | | | | 155 | 155 | 102 | 71 |
| 42/ 41 | 1.3 | 2.4 | 2.4 | 1.3 | .3 | .0 | | | | | | | | | | | | 188 | 188 | 168 | 95 |
| 40/ 39 | 1.0 | 3.0 | 3.1 | 1.5 | .5 | | | | | | | | | | | | | 219 | 219 | 171 | 123 |
| 38/ 37 | .8 | 3.8 | 3.0 | 2.0 | .2 | | | | | | | | | | | | | 237 | 237 | 190 | 136 |
| 36/ 35 | .5 | 4.1 | 3.4 | 1.5 | .1 | | | | | | | | | | | | | 230 | 230 | 204 | 144 |
| 34/ 33 | .8 | 4.7 | 2.8 | 1.4 | .0 | | | | | | | | | | | | | 233 | 233 | 269 | 179 |
| 32/ 31 | .4 | 2.9 | 3.4 | 1.0 | | | | | | | | | | | | | | 186 | 186 | 244 | 185 |
| 30/ 29 | .2 | 1.9 | 2.4 | 1.2 | | | | | | | | | | | | | | 139 | 139 | 175 | 191 |
| 28/ 27 | .2 | 1.6 | 1.8 | .4 | | | | | | | | | | | | | | 96 | 96 | 156 | 155 |
| 26/ 25 | .2 | 1.2 | 2.2 | .1 | | | | | | | | | | | | | | 88 | 88 | 128 | 143 |
| 24/ 23 | .1 | .5 | 1.1 | .0 | | | | | | | | | | | | | | 43 | 43 | 87 | 122 |
| 22/ 21 | | .5 | .6 | | | | | | | | | | | | | | | 25 | 25 | 67 | 114 |
| 20/ 19 | .1 | .7 | .2 | | | | | | | | | | | | | | | 25 | 25 | 43 | 94 |
| 18/ 17 | | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 23 | 78 |
| 16/ 15 | | .5 | .0 | | | | | | | | | | | | | | | 12 | 12 | 8 | 73 |
| 14/ 13 | | .3 | | | | | | | | | | | | | | | | 7 | 7 | 15 | 69 |
| 12/ 11 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 66 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 35 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 26 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |

| 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 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 10 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 12 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 9,3 | 07.8 | 33.6 | 15.6 | 3.2 | .4 | .0 | | | | | | | | | | | 2406 | 2406 | | 2406 |
| | | | | | | | | | | | | | | | | | | | | 2406 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14030514 | 179916 | 74.8 | 15.486 | 2406 | | | | | | | |
| Dry Bulb | 3702795 | 91699 | 38.1 | 9.297 | 2406 | | 24.5 | .3 | | | | 93 |
| Wet Bulb | 3199537 | 84873 | 35.3 | 9.246 | 2406 | | 36.9 | | | | | 93 |
| Dew Point | 2550349 | 73107 | 30.4 | 11.696 | 2406 | .1 | 53.8 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | .0 | .0 | .0 | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | .1 | | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | | .0 | .0 | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | | | .1 | | | | .0 | | | | | | | | 4 | 4 | | |
| 74/ 73 | | | | | .0 | .1 | .1 | .1 | | .1 | | | | | | | | 11 | 11 | | |
| 72/ 71 | | | | | .2 | .0 | .2 | .0 | .1 | .0 | | | | | | | | 14 | 14 | | |
| 70/ 69 | | | | .1 | .2 | .1 | .0 | .1 | .0 | | | | | | | | | 16 | 16 | | |
| 68/ 67 | | | .1 | .3 | .2 | .3 | .1 | .3 | .0 | | | | | | | | | 32 | 32 | 4 | |
| 66/ 65 | | .0 | .2 | .2 | .2 | .2 | .2 | .1 | | | | | | | | | | 24 | 24 | 10 | |
| 64/ 63 | | .1 | .2 | .1 | .2 | .3 | .1 | .3 | .0 | | | | | | | | | 34 | 34 | 16 | 1 |
| 62/ 61 | .0 | .2 | .3 | .4 | .5 | .2 | .2 | .1 | .0 | | | | | | | | | 49 | 49 | 27 | 12 |
| 60/ 59 | .1 | .2 | .5 | .1 | .5 | .5 | .2 | .2 | | | | | | | | | | 56 | 56 | 25 | 23 |
| 58/ 57 | .2 | .3 | .4 | .3 | .4 | .4 | .3 | .1 | | | | | | | | | | 60 | 60 | 47 | 28 |
| 56/ 55 | .0 | .7 | .4 | .5 | .5 | .6 | .5 | .0 | | | | | | | | | | 81 | 81 | 54 | 35 |
| 54/ 53 | .2 | .4 | .2 | .7 | .5 | .7 | .4 | | | | | | | | | | | 75 | 75 | 55 | 37 |
| 52/ 51 | .2 | .7 | .4 | .8 | .8 | .9 | .3 | | | | | | | | | | | 99 | 99 | 65 | 34 |
| 50/ 49 | .2 | .4 | 1.2 | 1.3 | 1.8 | 1.0 | .2 | | | | | | | | | | | 1[illegible] | 149 | 73 | 55 |
| 48/ 47 | .4 | .8 | 1.2 | 1.6 | 1.5 | 1.0 | .2 | | | | | | | | | | | 160 | 160 | 87 | 54 |
| 46/ 45 | .6 | 1.2 | 1.5 | 2.2 | 1.5 | .7 | .1 | | | | | | | | | | | 190 | 190 | 124 | 63 |
| 44/ 43 | .8 | 1.5 | 1.2 | 2.5 | 2.0 | .3 | .1 | | | | | | | | | | | 200 | 200 | 173 | 77 |
| 42/ 41 | .7 | 1.8 | 1.3 | 2.8 | 1.6 | .5 | | | | | | | | | | | | 210 | 210 | 214 | 128 |
| 40/ 39 | .5 | 2.3 | 2.1 | 2.7 | 1.6 | .2 | | | | | | | | | | | | 229 | 229 | 220 | 125 |
| 38/ 37 | .3 | 1.8 | 1.3 | 2.4 | 1.5 | .0 | | | | | | | | | | | | 176 | 176 | 212 | 139 |
| 36/ 35 | .2 | 1.7 | 1.5 | 2.5 | 1.0 | | | | | | | | | | | | | 166 | 166 | 235 | 145 |
| 34/ 33 | .3 | 1.1 | 1.5 | 1.8 | .5 | | | | | | | | | | | | | 124 | 124 | 188 | 169 |
| 32/ 31 | .1 | .2 | 1.1 | 1.8 | .2 | | | | | | | | | | | | | 86 | 86 | 168 | 159 |
| 30/ 29 | .2 | .2 | .8 | .7 | .1 | | | | | | | | | | | | | 50 | 50 | 139 | 161 |
| 28/ 27 | .0 | .2 | .7 | .3 | | | | | | | | | | | | | | 31 | 31 | 91 | 154 |
| 26/ 25 | .1 | .2 | .6 | .0 | | | | | | | | | | | | | | 23 | 23 | 75 | 135 |
| 24/ 23 | | .3 | .6 | .1 | | | | | | | | | | | | | | 24 | 24 | 42 | 114 |
| 22/ 21 | .0 | .2 | .3 | | | | | | | | | | | | | | | 15 | 15 | 25 | 106 |
| 20/ 19 | .0 | .1 | .2 | | | | | | | | | | | | | | | 8 | 8 | 22 | 91 |
| 18/ 17 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 92 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 78 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 52 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 59 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 36 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 16 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 8 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.3 | 17.1 | 19.8 | 26.4 | 17.5 | 8.3 | 3.5 | 1.6 | .3 | .2 | | | | | | | | 2407 | 2407 | 2407 | 2407 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 10500450 | 132476 | 63.3 | 18.702 | 2407 | | | | | | | |
| Dry Bulb | 4982646 | 106624 | 44.3 | 10.385 | 2407 | | 9.3 | 3.3 | .9 | .2 | | 93 |
| Wet Bulb | 3898054 | 94204 | 39.1 | 9.368 | 2407 | | 22.3 | .2 | | | | 93 |
| Dew Point | 2761702 | 76170 | 31.6 | 12.083 | 2407 | .2 | 49.5 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR 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 |
| 88/ 87 | | | | | | | | | | | .1 | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | .1 | .1 | .0 | | | | | | | 5 | 5 | | |
| 82/ 81 | | | | | | | | | .1 | .0 | .0 | | | | | | | 4 | 4 | | |
| 80/ 79 | | | | | | | .0 | .0 | | | .1 | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | | | .1 | | .0 | .1 | .1 | .0 | .0 | | | | | 10 | 10 | | |
| 76/ 75 | | | | | .0 | .1 | .2 | .2 | .2 | .2 | .1 | | | | | | | 25 | 25 | | |
| 74/ 73 | | | | | .1 | .2 | .4 | .3 | .2 | .3 | .0 | | | | | | | 37 | 37 | | |
| 72/ 71 | | | | | .0 | .1 | .2 | .2 | .1 | .2 | | | | | | | | 22 | 22 | | |
| 70/ 69 | | | .1 | .0 | .2 | .2 | .2 | .3 | .2 | .1 | | | | | | | | 34 | 34 | | |
| 68/ 67 | | | .0 | .2 | .3 | .2 | .2 | .3 | .1 | | | | | | | | | 35 | 35 | 11 | |
| 66/ 65 | | | .1 | .5 | .2 | .4 | .2 | .4 | .5 | .1 | | | | | | | | 55 | 55 | 13 | |
| 64/ 63 | | .2 | .0 | .0 | .3 | .3 | .4 | .2 | .1 | .0 | | | | | | | | 42 | 42 | 17 | 4 |
| 62/ 61 | | .0 | .3 | .5 | .2 | .4 | .7 | .5 | .0 | .0 | | | | | | | | 68 | 68 | 46 | 8 |
| 60/ 59 | | .2 | .5 | .3 | .4 | .5 | .4 | .4 | .1 | | | | | | | | | 68 | 68 | 49 | 13 |
| 58/ 57 | .0 | .3 | .4 | .3 | .5 | .5 | .5 | .5 | .0 | | | | | | | | | 75 | 75 | 43 | 32 |
| 56/ 55 | .2 | .3 | .2 | .7 | .9 | .9 | 1.0 | .3 | | | | | | | | | | 109 | 109 | 88 | 42 |
| 54/ 53 | .1 | .4 | .4 | .8 | .7 | 1.4 | 1.7 | .2 | | | | | | | | | | 140 | 140 | 60 | 48 |
| 52/ 51 | .0 | .4 | .7 | 1.0 | 1.5 | 1.7 | 1.0 | .1 | | | | | | | | | | 153 | 153 | 70 | 57 |
| 50/ 49 | .2 | .6 | .7 | .9 | 1.7 | 1.7 | .6 | .0 | | | | | | | | | | 158 | 158 | 100 | 44 |
| 48/ 47 | .4 | .5 | .8 | 1.8 | 1.8 | 1.3 | .6 | .1 | | | | | | | | | | 179 | 179 | 126 | 54 |
| 46/ 45 | .2 | 1.7 | .7 | 1.7 | 2.0 | 1.5 | .3 | | | | | | | | | | | 195 | 195 | 150 | 64 |
| 44/ 4 | .2 | 1.7 | .8 | 1.5 | 2.0 | 1.1 | .0 | | | | | | | | | | | 179 | 179 | 201 | 106 |
| 42/ 4 | .5 | 1.4 | 1.3 | 1.8 | 1.5 | 1.1 | | | | | | | | | | | | 185 | 185 | 252 | 134 |
| 40/ 39 | .6 | 1.7 | 1.0 | 1.4 | 2.5 | .4 | | | | | | | | | | | | 180 | 180 | 219 | 135 |
| 38/ 37 | .2 | 1.6 | 1.2 | 1.7 | 1.4 | .2 | | | | | | | | | | | | 152 | 152 | 209 | 118 |
| 36/ 35 | .4 | 1.1 | .5 | 1.5 | .7 | .1 | | | | | | | | | | | | 100 | 100 | 213 | 158 |
| 34/ 33 | .2 | .9 | .5 | .9 | .2 | | | | | | | | | | | | | 67 | 67 | 161 | 160 |
| 32/ 31 | .3 | .2 | .4 | .6 | .1 | | | | | | | | | | | | | 39 | 39 | 148 | 167 |
| 30/ 29 | .0 | .2 | .5 | .4 | .0 | | | | | | | | | | | | | 30 | 30 | 93 | 164 |
| 28/ 27 | .0 | .2 | .8 | .2 | | | | | | | | | | | | | | 31 | 31 | 48 | 129 |
| 26/ 25 | | .1 | .4 | .1 | | | | | | | | | | | | | | 13 | 13 | 39 | 138 |
| 24/ 23 | | .2 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | 31 | 136 |
| 22/ 21 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 18 | 103 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 4 | 94 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 80 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 88 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 43 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 36 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 30 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 7 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.7 | 13.9 | 12.6 | 18.9 | 19.6 | 14.4 | 8.7 | 4.4 | 1.8 | 1.3 | .5 | .0 | .0 | | | | | 2408 | 2408 | | 2409 |
| | | | | | | | | | | | | | | | | | | 2408 | | 2409 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 8943087 | 138597 | 57.6 | 20.032 | 2408 | | | | | | | |
| Dry Bulb | 5900661 | 116133 | 48.2 | 11.160 | 2408 | | 4.8 | 7.0 | 3.4 | .5 | | 93 |
| Wet Bulb | 4352938 | 99974 | 41.5 | 9.204 | 2409 | | 14.7 | .4 | | | | 93 |
| Dew Point | 2880202 | 78308 | 32.5 | 11.789 | 2409 | .1 | 47.6 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR 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 | | | | |
| 86/ 85 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | | .1 | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | | | .1 | | .0 | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | .0 | .1 | | .0 | .1 | | | | | | | 8 | 8 | | |
| 78/ 77 | | | | | | .2 | .1 | .1 | .0 | .2 | | .0 | | | | | | 15 | 15 | | |
| 76/ 75 | | | | | .0 | .0 | .2 | .2 | .1 | .2 | .0 | | | | | | | 21 | 21 | | |
| 74/ 73 | | | | | | .0 | .1 | .3 | .2 | .2 | .1 | | .0 | | | | | 25 | 25 | | |
| 72/ 71 | | | | .0 | .1 | .2 | .2 | .2 | .1 | .2 | | | | | | | | 24 | 24 | | |
| 70/ 69 | | | .0 | .2 | .2 | .1 | .4 | .2 | .1 | .0 | .0 | | | | | | | 29 | 29 | 1 | |
| 68/ 67 | | .0 | | .2 | | .2 | .4 | .3 | .4 | .1 | | | | | | | | 38 | 38 | 9 | |
| 66/ 65 | | .0 | .2 | .2 | .1 | .2 | .4 | .6 | .4 | .2 | | | | | | | | 57 | 57 | 17 | 1 |
| 64/ 63 | | .1 | .2 | .5 | .3 | .5 | .4 | .4 | .2 | | | | | | | | | 61 | 61 | 14 | 6 |
| 62/ 61 | | .2 | .2 | .3 | .3 | .6 | .4 | .2 | .2 | .1 | | | | | | | | 58 | 58 | 34 | 12 |
| 60/ 59 | .1 | .2 | .1 | .5 | .3 | .4 | .6 | .5 | .3 | | | | | | | | | 73 | 73 | 52 | 14 |
| 58/ 57 | .0 | .3 | .3 | .4 | .3 | .5 | .6 | .6 | .0 | | | | | | | | | 75 | 75 | 47 | 28 |
| 56/ 55 | | .5 | .2 | .7 | .5 | .8 | .7 | .4 | | | | | | | | | | 89 | 89 | 65 | 35 |
| 54/ 53 | | .5 | .4 | 1.0 | .7 | 1.1 | 1.2 | .4 | | | | | | | | | | 127 | 127 | 59 | 32 |
| 52/ 51 | .1 | .5 | .7 | .6 | 1.3 | 1.5 | 1.0 | .2 | | | | | | | | | | 139 | 139 | 98 | 45 |
| 50/ 49 | .2 | .6 | 1.0 | 1.1 | 2.1 | 1.8 | .8 | .2 | | | | | | | | | | 188 | 188 | 95 | 52 |
| 48/ 47 | .2 | .9 | 1.2 | 1.2 | 1.7 | 1.5 | 1.0 | .1 | | | | | | | | | | 187 | 187 | 120 | 65 |
| 46/ 45 | .2 | 1.7 | .9 | 1.7 | 2.3 | 1.6 | .3 | | | | | | | | | | | 212 | 212 | 152 | 76 |
| 44/ 43 | .4 | 1.6 | 1.3 | 1.8 | 1.8 | 1.0 | .2 | | | | | | | | | | | 197 | 197 | 208 | 117 |
| 42/ 41 | .8 | 2.1 | 1.4 | 1.4 | 1.7 | .7 | .0 | | | | | | | | | | | 196 | 196 | 229 | 127 |
| 40/ 39 | .4 | 1.5 | 1.2 | 1.6 | 2.1 | .3 | .0 | | | | | | | | | | | 175 | 175 | 261 | 125 |
| 38/ 37 | .4 | 1.2 | 1.5 | 1.2 | 1.6 | .2 | | | | | | | | | | | | 146 | 146 | 243 | 145 |
| 36/ 35 | .5 | 1.0 | 1.0 | 1.0 | .8 | .0 | | | | | | | | | | | | 101 | 101 | 195 | 164 |
| 34/ 33 | .4 | .5 | .5 | .7 | .2 | | | | | | | | | | | | | 56 | 56 | 180 | 158 |
| 32/ 31 | .2 | .2 | .5 | .5 | .1 | | | | | | | | | | | | | 37 | 37 | 123 | 158 |
| 30/ 29 | .1 | | .5 | .2 | .2 | | | | | | | | | | | | | 26 | 26 | 84 | 141 |
| 28/ 27 | | .2 | .0 | .2 | | | | | | | | | | | | | | 25 | 25 | 41 | 154 |
| 26/ 25 | | .2 | .1 | .1 | | | | | | | | | | | | | | 10 | 10 | 37 | 129 |
| 24/ 23 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 34 | 130 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 98 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 4 | 94 |

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

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

USAFETAC

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13767 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 91 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 80 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 45 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 42 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 18 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 11 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 4.0 | 14.5 | 13.8 | 17.3 | 18.9 | 13.6 | 9.0 | 4.9 | 2.2 | 1.3 | .4 | .0 | .0 | | | | | | 2408 | | 2408 |
| | | | | | | | | | | | | | | | | | | 2408 | | 2408 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9109660 | 139522 | 57.9 | 20.642 | 2408 | | | | | | | |
| Dry Bulb | 5885512 | 116174 | 48.2 | 10.799 | 2408 | | 4.1 | 6.4 | 2.9 | .4 | | 93 |
| Wet Bulb | 4348038 | 100058 | 41.6 | 8.894 | 2408 | | 12.7 | .4 | | | | 93 |
| Dew Point | 2883541 | 78441 | 32.6 | 11.679 | 2408 | | 46.6 | | | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | .1 | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | | .1 | .1 | | .0 | | | | | | | | | | 5 | 5 | | |
| 72/ 71 | | | | | .0 | .1 | | .0 | .0 | .0 | | | | | | | | 6 | 6 | | |
| 70/ 69 | | | .0 | | .2 | .0 | .1 | .0 | .1 | | | | | | | | | 12 | 12 | | |
| 68/ 67 | | | .0 | .1 | .2 | .2 | .0 | .1 | .0 | | | | | | | | | 16 | 16 | 1 | |
| 66/ 65 | | | .1 | .2 | .3 | .1 | .2 | .0 | | | | | | | | | | 24 | 24 | 7 | |
| 64/ 63 | | .1 | .0 | .2 | .1 | .1 | .2 | .0 | .0 | | | | | | | | | 19 | 19 | 3 | 2 |
| 62/ 61 | .0 | .4 | .2 | .5 | .2 | .1 | .2 | .1 | | | | | | | | | | 43 | 43 | 19 | 4 |
| 60/ 59 | .0 | .4 | .2 | .5 | .4 | .4 | .4 | .0 | | | | | | | | | | 57 | 57 | 20 | 12 |
| 58/ 57 | .1 | .5 | .5 | .2 | .5 | .2 | .1 | | | | | | | | | | | 48 | 48 | 42 | 27 |
| 56/ 55 | .2 | .2 | .3 | .6 | .7 | .6 | .1 | .1 | | | | | | | | | | 68 | 68 | 40 | 22 |
| 54/ 53 | .2 | .5 | .3 | .8 | .7 | .5 | .4 | .0 | | | | | | | | | | 86 | 86 | 51 | 44 |
| 52/ 51 | .2 | .5 | .8 | .4 | .7 | .6 | .2 | .0 | | | | | | | | | | 86 | 86 | 53 | 32 |
| 50/ 49 | .4 | .6 | 1.1 | 1.4 | .8 | .5 | .3 | | | | | | | | | | | 121 | 121 | 81 | 46 |
| 48/ 47 | .1 | 1.1 | 1.5 | 1.4 | 1.4 | 1.0 | .1 | | .0 | | | | | | | | | 160 | 160 | 99 | 42 |
| 46/ 45 | .5 | 2.2 | 1.8 | 1.7 | 1.4 | .7 | .1 | | | | | | | | | | | 205 | 205 | 119 | 67 |
| 44/ 43 | .3 | 3.1 | 2.1 | 2.6 | 1.9 | 1.0 | .1 | | | | | | | | | | | 269 | 269 | 166 | 103 |
| 42/ 41 | .6 | 2.6 | 2.3 | 2.3 | 1.3 | .7 | | | | | | | | | | | | 236 | 236 | 222 | 131 |
| 40/ 39 | .6 | 3.2 | 2.8 | 2.4 | 1.7 | .2 | | | | | | | | | | | | 260 | 260 | 240 | 154 |
| 38/ 37 | .4 | 2.5 | 1.8 | 1.9 | 1.2 | .2 | | | | | | | | | | | | 195 | 195 | 264 | 158 |
| 36/ 35 | .6 | 1.8 | 2.6 | 1.7 | .8 | | | | | | | | | | | | | 181 | 181 | 259 | 182 |
| 34/ 33 | .2 | 1.1 | 1.2 | 1.5 | .4 | | | | | | | | | | | | | 106 | 106 | 210 | 168 |
| 32/ 31 | .4 | .5 | .9 | .8 | .1 | | | | | | | | | | | | | 66 | 66 | 185 | 183 |
| 30/ 29 | | | 1.1 | .7 | | | | | | | | | | | | | | 42 | 42 | 104 | 136 |
| 28/ 27 | .1 | .1 | .9 | .5 | | | | | | | | | | | | | | 39 | 39 | 74 | 156 |
| 26/ 25 | .1 | .2 | .6 | .1 | | | | | | | | | | | | | | 25 | 25 | 61 | 145 |
| 24/ 23 | | .4 | .2 | | | | | | | | | | | | | | | 15 | 15 | 37 | 95 |
| 22/ 21 | | .1 | .2 | | | | | | | | | | | | | | | 7 | 7 | 36 | 85 |
| 20/ 19 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 5 | 78 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 7 | 81 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 96 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 53 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 44 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | 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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 27 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| TOTAL | 5 | 222 | 224 | 022 | 5 | 15 | 2 | 7 | 4 | 2 | 6 | 7 | 4 | 2 | 6 | 0 | | | 2406 | | 2406 |
| | | | | | | | | | | | | | | | | | | 2406 | | 2406 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11340668 | 158844 | 66.0 | 18.842 | 2406 | | | | | | | |
| Dry Bulb | 4779135 | 104953 | 43.6 | 9.141 | 2406 | | 7.7 | 1.6 | .3 | | | 93 |
| Wet Bulb | 3822928 | 93718 | 39.0 | 8.468 | 2406 | | 19.7 | .0 | | | | 93 |
| Dew Point | 2781331 | 77105 | 32.0 | 11.360 | 2406 | | 46.8 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAR MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | | | .2 | .1 | | | | | | | | | | | | 7 | 7 | | |
| 68/ 67 | | | .0 | .1 | .2 | .0 | .0 | | | | | | | | | | | 10 | 10 | | |
| 66/ 65 | | | .2 | .0 | .1 | .0 | | | | | | | | | | | | 10 | 10 | | |
| 64/ 63 | | .0 | .1 | .1 | .2 | .0 | .1 | | | | | | | | | | | 14 | 14 | 4 | |
| 62/ 61 | .0 | .2 | .2 | .4 | .0 | .0 | .0 | | | | | | | | | | | 24 | 24 | 18 | 3 |
| 60/ 59 | .0 | .3 | .5 | .1 | .1 | .5 | .0 | | | | | | | | | | | 36 | 36 | 12 | 13 |
| 58/ 57 | .0 | .7 | .2 | .2 | .1 | .2 | .1 | | | | | | | | | | | 37 | 37 | 25 | 18 |
| 56/ 55 | .2 | .4 | .5 | .5 | .3 | .2 | | | | | | | | | | | | 50 | 50 | 44 | 22 |
| 54/ 53 | .3 | .7 | .5 | .5 | .3 | .1 | | | | | | | | | | | | 59 | 59 | 40 | 35 |
| 52/ 51 | .0 | .5 | .6 | .7 | .9 | .2 | | | | | | | | | | | | 68 | 68 | 36 | 39 |
| 50/ 49 | .2 | .5 | .8 | .7 | .3 | .1 | .0 | | | | | | | | | | | 63 | 63 | 61 | 37 |
| 48/ 47 | .5 | 1.0 | 1.1 | 1.0 | .7 | .3 | | | | | | | | | | | | 111 | 111 | 62 | 38 |
| 46/ 45 | 1.0 | 2.1 | 1.7 | 1.3 | 1.0 | .3 | | | | | | | | | | | | 178 | 178 | 116 | 68 |
| 44/ 43 | .5 | 2.7 | 2.3 | 1.4 | .9 | .1 | | | | | | | | | | | | 190 | 190 | 140 | 92 |
| 42/ 41 | .9 | 2.9 | 2.8 | 2.1 | 1.0 | .2 | | | | | | | | | | | | 241 | 243 | 167 | 113 |
| 40/ 39 | .6 | 3.6 | 3.6 | 3.5 | .7 | .2 | | | | | | | | | | | | 294 | 294 | 198 | 139 |
| 38/ 37 | .5 | 3.0 | 3.3 | 2.0 | .8 | | | | | | | | | | | | | 231 | 231 | 33 | 134 |
| 36/ 35 | .6 | 3.5 | 3.1 | 2.4 | .5 | | | | | | | | | | | | | 242 | 242 | 272 | 157 |
| 34/ 33 | .4 | 2.1 | 2.5 | 1.8 | .2 | | | | | | | | | | | | | 168 | 168 | 261 | 200 |
| 32/ 31 | .4 | 1.2 | 1.6 | 1.7 | .2 | | | | | | | | | | | | | 123 | 123 | 200 | 176 |
| 30/ 29 | .2 | .9 | 2.0 | 1.0 | | | | | | | | | | | | | | 99 | 99 | 166 | 172 |
| 28/ 27 | .1 | .4 | 1.5 | .4 | | | | | | | | | | | | | | 57 | 57 | 110 | 156 |
| 26/ 25 | .1 | .4 | .7 | .1 | | | | | | | | | | | | | | 31 | 31 | 101 | 145 |
| 24/ 23 | | .5 | .7 | .1 | | | | | | | | | | | | | | 30 | 30 | 61 | 112 |
| 22/ 21 | .0 | .4 | .1 | | | | | | | | | | | | | | | 14 | 14 | 36 | 90 |
| 20/ 19 | .0 | .3 | .3 | | | | | | | | | | | | | | | 16 | 16 | 25 | 89 |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 11 | 99 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 6 | 89 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 71 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 34 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 23 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 17 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAR (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/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.7 | 28.3 | 31.1 | 22.1 | 8.8 | 2.6 | .3 | | | | | | | | | | | 2405 | 2407 | 2405 | 2405 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12720920 | 170124 | 70.7 | 16.902 | 2405 | | | | | | | |
| Dry Bulb | 4157064 | 97784 | 40.6 | 8.759 | 2407 | | 14.4 | .7 | | | | 93 |
| Wet Bulb | 3466516 | 88966 | 37.0 | 8.544 | 2405 | | 27.7 | | | | | 93 |
| Dew Point | 2648551 | 75141 | 31.2 | 11.187 | 2405 | .0 | 50.2 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | | | | | .1 | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | .0 | | | .0 | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | .1 | .2 | .0 | .1 | .0 | | | | | | | | | | 11 | 11 | | |
| 70/ 69 | | | .2 | .3 | .2 | .2 | | | | | | | | | | | | 19 | 18 | | |
| 68/ 67 | | .0 | .4 | .5 | .1 | .4 | .1 | | | | | | | | | | | 37 | 37 | 1 | |
| 66/ 65 | | .2 | .6 | .4 | .5 | .1 | .1 | .1 | | | | | | | | | | 46 | 46 | 11 | 2 |
| 64/ 63 | .1 | .5 | .9 | .3 | .2 | .1 | .1 | .0 | | | | | | | | | | 54 | 54 | 26 | 9 |
| 62/ 61 | .0 | .8 | .7 | .2 | .3 | .1 | .1 | .1 | | | | | | | | | | 55 | 55 | 56 | 34 |
| 60/ 59 | .1 | 1.2 | .9 | .5 | .3 | .4 | .0 | .0 | | | | | | | | | | 79 | 79 | 71 | 50 |
| 58/ 57 | .5 | 1.1 | .7 | .6 | .5 | .5 | .1 | .1 | | | | | | | | | | 98 | 98 | 90 | 62 |
| 56/ 55 | .5 | 1.2 | .8 | .7 | .7 | .3 | .1 | | | | | | | | | | | 101 | 101 | 64 | 86 |
| 54/ 53 | 1.0 | 1.4 | .9 | .9 | .7 | | .1 | | | | | | | | | | | 118 | 118 | 99 | 70 |
| 52/ 51 | .7 | 2.0 | 1.0 | .9 | .9 | .1 | .0 | | | | | | | | | | | 133 | 133 | 98 | 93 |
| 50/ 49 | 1.2 | 3.1 | 2.2 | 2.0 | .8 | .4 | | | | | | | | | | | | 226 | 226 | 146 | 96 |
| 48/ 47 | .7 | 3.3 | 2.3 | 1.5 | .8 | .2 | | .0 | | | | | | | | | | 205 | 205 | 162 | 122 |
| 46/ 45 | .7 | 3.7 | 3.0 | 2.4 | .6 | .2 | | | | | | | | | | | | 245 | 245 | 228 | 123 |
| 44/ 43 | .9 | 2.7 | 3.0 | 2.5 | .9 | .3 | | | | | | | | | | | | 240 | 240 | 210 | 165 |
| 42/ 41 | .4 | 2.1 | 3.4 | 2.3 | .0 | .0 | .0 | | | | | | | | | | | 204 | 204 | 214 | 162 |
| 40/ 39 | .4 | 2.2 | 2.2 | 1.5 | .7 | | | | | | | | | | | | | 162 | 162 | 217 | 174 |
| 38/ 37 | .3 | 1.3 | 1.7 | .9 | .1 | | | | | | | | | | | | | 101 | 101 | 208 | 170 |
| 36/ 35 | .3 | 1.0 | 1.8 | .9 | .2 | | | | | | | | | | | | | 96 | 96 | 143 | 151 |
| 34/ 33 | .2 | .5 | .6 | .4 | .0 | | | | | | | | | | | | | 41 | 41 | 111 | 161 |
| 32/ 31 | | .3 | .3 | .3 | | | | | | | | | | | | | | 18 | 18 | 81 | 134 |
| 30/ 29 | | .2 | .8 | .1 | | | | | | | | | | | | | | 24 | 24 | 38 | 118 |
| 28/ 27 | | .0 | .0 | .1 | | | | | | | | | | | | | | 5 | 5 | 30 | 89 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 15 | 83 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 60 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 37 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 24 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 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 | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR 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 De Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.1 | 28.8 | 28.3 | 20.3 | 9.3 | 3.4 | 1.0 | .5 | .1 | | | | | | | | | | 2322 | | 2322 |
| | | | | | | | | | | | | | | | | | | 2322 | | 2322 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 13585767 | 173699 | 74.8 | 15.972 | 2322 | | | | | | | |
| Dry Bulb | 5505406 | 111242 | 47.9 | 8.709 | 2322 | | 1.8 | 2.8 | .2 | | | 90 |
| Wet Bulb | 4702873 | 102611 | 44.2 | 8.518 | 2322 | | 6.5 | .0 | | | | 90 |
| Dew Point | 3930212 | 92326 | 39.8 | 10.568 | 2322 | | 22.9 | | | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | | | | | .1 | .1 | | | | | | | | | | 6 | 6 | | |
| 72/ 71 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | | |
| 70/ 69 | | | .1 | .0 | .0 | .0 | | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | | .0 | .2 | .3 | .2 | .2 | | | | | | | | | | | | 21 | 21 | | |
| 66/ 65 | | .3 | .5 | .1 | .3 | .0 | .0 | .0 | | | | | | | | | | 31 | 31 | 6 | 1 |
| 64/ 63 | | .6 | .6 | | .3 | .3 | | | | | | | | | | | | 55 | 57 | 20 | 5 |
| 62/ 61 | | .9 | .7 | | .3 | .1 | .0 | | | | | | | | | | | 55 | 55 | 34 | 23 |
| 60/ 59 | .3 | 1.1 | .6 | .3 | .2 | .1 | | | | | | | | | | | | 58 | 58 | 66 | 45 |
| 58/ 57 | .6 | 1.5 | .8 | .5 | .4 | .3 | .0 | .0 | | | | | | | | | | 96 | 96 | 81 | 60 |
| 56/ 55 | .5 | 1.5 | 1.1 | 1.0 | .8 | .1 | .0 | .1 | | | | | | | | | | 117 | 117 | 68 | 63 |
| 54/ 53 | .9 | 1.6 | .8 | .7 | .3 | .1 | | | | | | | | | | | | 103 | 103 | 96 | 85 |
| 52/ 51 | .7 | 2.5 | 1.1 | .7 | .4 | .2 | | | | | | | | | | | | 130 | 130 | 107 | 97 |
| 50/ 49 | 1.1 | 3.1 | 2.5 | .8 | .3 | .4 | | | | | | | | | | | | 194 | 194 | 163 | 107 |
| 48/ 47 | .6 | 3.8 | 1.9 | 1.4 | .4 | | | | | | | | | | | | | 189 | 189 | 144 | 120 |
| 46/ 45 | .9 | 4.0 | 2.2 | 1.3 | .4 | | | | | | | | | | | | | 206 | 206 | 204 | 139 |
| 44/ 43 | .9 | 3.4 | 2.4 | 1.5 | .3 | .1 | | | | | | | | | | | | 201 | 201 | 181 | 161 |
| 42/ 41 | .8 | 2.9 | 2.3 | 1.9 | .3 | .0 | | | | | | | | | | | | 191 | 191 | 208 | 186 |
| 40/ 39 | .4 | 2.8 | 4.4 | 1.7 | .1 | | | | | | | | | | | | | 220 | 220 | 175 | 138 |
| 38/ 37 | .3 | 2.5 | 2.9 | .8 | .0 | | | | | | | | | | | | | 154 | 154 | 179 | 153 |
| 36/ 35 | .3 | 1.7 | 2.1 | .6 | .1 | | | | | | | | | | | | | 111 | 111 | 206 | 141 |
| 34/ 33 | .2 | 1.2 | 1.5 | .6 | | | | | | | | | | | | | | 81 | 81 | 158 | 156 |
| 32/ 31 | .1 | .9 | .7 | .4 | .0 | | | | | | | | | | | | | 50 | 50 | 82 | 157 |
| 30/ 29 | | .3 | .7 | .1 | | | | | | | | | | | | | | 28 | 28 | 69 | 117 |
| 28/ 27 | | .5 | .2 | .0 | | | | | | | | | | | | | | 16 | 16 | 39 | 113 |
| 26/ 25 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 31 | 74 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 59 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 45 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 25 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 22 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

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

USAFETAC FORM 0-26-5 (OL A) 301 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 8.7 | 37.1 | 30.4 | 15.7 | 5.4 | 2.1 | .3 | .3 | | | | | | | | | | 2322 | 2324 | 2322 | 2322 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14591172 | 180842 | 77.9 | 14.777 | 2322 | | | | | | | |
| Dry Bulb | 5171653 | 107691 | 46.3 | 8.837 | 2324 | | 3.7 | 1.3 | .2 | | | 90 |
| Wet Bulb | 4509058 | 100302 | 43.2 | 8.717 | 2322 | | 8.8 | | | | | 90 |
| Dew Point | 3857814 | 91444 | 39.4 | 10.515 | 2322 | | 24.9 | | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | | | .2 | .0 | | .0 | | | | | | | | | | 6 | 6 | | |
| 72/ 71 | | | | .3 | .0 | .0 | .1 | .1 | | | | | | | | | | 12 | 12 | | |
| 70/ 69 | | | .1 | .2 | .2 | .1 | .0 | | | | | | | | | | | 16 | 16 | | |
| 68/ 67 | | .2 | .3 | .5 | .2 | .2 | | .0 | | | | | | | | | | 33 | 33 | 3 | |
| 66/ 65 | .0 | .2 | .5 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | | 45 | 45 | 20 | 2 |
| 64/ 63 | .0 | .6 | .7 | .7 | .4 | .3 | | | | | | | | | | | | 63 | 63 | 21 | 17 |
| 62/ 61 | .1 | .3 | .9 | .9 | .4 | .3 | .1 | | | | | | | | | | | 68 | 68 | 52 | 26 |
| 60/ 59 | .2 | .6 | .6 | .6 | .4 | .3 | .1 | | | | | | | | | | | 67 | 67 | 57 | 40 |
| 58/ 57 | .6 | 1.1 | .8 | .9 | .6 | .2 | .0 | .1 | | | | | | | | | | 102 | 102 | 83 | 63 |
| 56/ 55 | .9 | 1.4 | 1.2 | 1.2 | .7 | .3 | .1 | | | | | | | | | | | 138 | 138 | 108 | 78 |
| 54/ 53 | .9 | 1.8 | 1.7 | 1.1 | .8 | .2 | .1 | | | | | | | | | | | 152 | 152 | 96 | 92 |
| 52/ 51 | 1.3 | 2.1 | 1.9 | 1.1 | 1.0 | .3 | .1 | | .0 | | | | | | | | | 186 | 186 | 143 | 106 |
| 50/ 49 | 1.2 | 2.5 | 2.3 | 1.9 | 1.3 | .4 | | | | | | | | | | | | 219 | 220 | 179 | 131 |
| 48/ 47 | .9 | 2.8 | 2.0 | 1.7 | 1.4 | .3 | | | | | | | | | | | | 212 | 212 | 176 | 128 |
| 46/ 45 | .4 | 3.7 | 2.6 | 2.5 | 1.2 | .2 | | | | | | | | | | | | 244 | 244 | 196 | 158 |
| 44/ 43 | .7 | 2.4 | 2.8 | 1.6 | .4 | | | | | | | | | | | | | 182 | 182 | 210 | 164 |
| 42/ 41 | .4 | 1.7 | 2.1 | 2.0 | .6 | .1 | | | | | | | | | | | | 160 | 160 | 219 | 151 |
| 40/ 39 | .1 | 1.8 | 2.3 | 1.6 | .4 | | | | | | | | | | | | | 146 | 146 | 196 | 134 |
| 38/ 37 | .2 | 1.0 | 1.7 | .9 | .3 | | | | | | | | | | | | | 95 | 95 | 162 | 159 |
| 36/ 35 | .1 | .9 | 1.3 | .9 | .0 | | | | | | | | | | | | | 75 | 75 | 132 | 167 |
| 34/ 33 | .2 | .6 | .5 | .7 | | | | | | | | | | | | | | 46 | 46 | 104 | 131 |
| 32/ 31 | | .3 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 25 | 25 | 71 | 125 |
| 30/ 29 | .0 | .5 | .4 | .1 | | | | | | | | | | | | | | 25 | 25 | 40 | 108 |
| 28/ 27 | | .1 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | 34 | 96 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 18 | 93 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 43 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 30 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 24 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 24 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 21 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.2 | 26.7 | 27.2 | 22.3 | 10.9 | 3.6 | .7 | .3 | .0 | | | | | | | | | 2323 | 2324 | 2323 | 2322 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 13396614 | 172414 | 74.2 | 16.074 | 2323 | | 2.1 | 2.6 | .3 | | | 90 |
| Dry Bulb | 5564540 | 112934 | 48.6 | 8.718 | 2324 | | 6.4 | .1 | | | | 90 |
| Wet Bulb | 4821475 | 103943 | 44.7 | 8.570 | 2323 | | 22.3 | | | | | 90 |
| Dew Point | 4020601 | 93377 | 40.2 | 10.696 | 2322 | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | .0 | .0 | .1 | .1 | .0 | | | | | | | 8 | 8 | | |
| 82/ 81 | | | | | | | .1 | .0 | .1 | .0 | | | | | | | | 3 | 8 | | |
| 80/ 79 | | | | | .0 | | .2 | .3 | .2 | .0 | .0 | | | | | | | 17 | 17 | | |
| 78/ 77 | | | | | .1 | .3 | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | 24 | 24 | | |
| 76/ 75 | | | | .0 | .2 | .4 | .2 | .3 | .1 | .0 | .0 | | | | | | | 30 | 30 | | |
| 74/ 73 | | | | .3 | .3 | .6 | .3 | .3 | .1 | .1 | | | | | | | | 49 | 49 | | |
| 72/ 71 | | | .1 | .3 | 1.1 | .3 | .3 | .6 | .3 | .0 | | | | | | | | 71 | 71 | 4 | |
| 70/ 69 | | .0 | .2 | .2 | .5 | .6 | .4 | .3 | .4 | .1 | | | | | | | | 63 | 63 | 10 | |
| 68/ 67 | | .0 | .2 | .4 | .4 | .7 | .4 | .4 | .2 | | | | | | | | | 65 | 65 | 34 | 2 |
| 66/ 65 | | .3 | .4 | .9 | .4 | .5 | .6 | .5 | .1 | | | | | | | | | 87 | 87 | 50 | 12 |
| 64/ 63 | | .4 | .5 | .3 | .7 | .6 | .4 | .4 | .0 | | | | | | | | | 76 | 76 | 72 | 30 |
| 62/ 61 | .0 | .3 | .3 | .8 | .8 | .9 | .7 | .5 | .1 | | | | | | | | | 105 | 105 | 64 | 41 |
| 60/ 59 | .1 | .6 | .7 | 1.2 | 1.2 | 1.0 | 1.2 | .4 | .2 | | | | | | | | | 154 | 154 | 92 | 74 |
| 58/ 57 | .4 | .8 | 1.0 | 1.0 | 1.2 | 1.5 | 1.0 | .3 | .1 | | | | | | | | | 169 | 169 | 96 | 70 |
| 56/ 55 | .4 | 2.0 | .5 | 1.9 | 1.2 | 1.6 | 1.3 | .2 | | | | | | | | | | 213 | 213 | 146 | 88 |
| 54/ 53 | .6 | 1.3 | 1.2 | 1.0 | 1.7 | 2.2 | 1.0 | .1 | | | | | | | | | | 213 | 213 | 167 | 109 |
| 52/ 51 | .5 | 1.3 | .9 | 1.4 | 2.1 | 2.1 | .4 | | | | | | | | | | | 202 | 202 | 159 | 105 |
| 50/ 49 | .2 | 1.2 | .9 | 1.4 | 2.2 | 1.9 | .2 | | | | | | | | | | | 186 | 186 | 195 | 131 |
| 48/ 47 | .3 | 2.1 | 1.0 | 1.6 | 1.9 | 1.0 | .0 | | | | | | | | | | | 186 | 186 | 178 | 130 |
| 46/ 45 | .2 | 1.0 | .8 | 1.9 | 1.6 | .6 | .1 | | | | | | | | | | | 144 | 144 | 244 | 137 |
| 44/ 43 | .2 | 1.2 | .6 | .8 | 1.3 | .3 | | | | | | | | | | | | 101 | 101 | 219 | 157 |
| 42/ 41 | .1 | .4 | .3 | .9 | 1.0 | .2 | | | | | | | | | | | | 65 | 65 | 197 | 119 |
| 40/ 39 | .1 | .2 | .3 | .3 | .5 | .1 | | | | | | | | | | | | 34 | 34 | 150 | 133 |
| 38/ 37 | .0 | .3 | | .3 | .3 | | | | | | | | | | | | | 20 | 20 | 84 | 135 |
| 36/ 35 | .0 | .0 | .2 | .4 | .1 | | | | | | | | | | | | | 19 | 19 | 79 | 131 |
| 34/ 33 | | .0 | .1 | .1 | .0 | | | | | | | | | | | | | 7 | 7 | 33 | 148 |
| 32/ 31 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 29 | 128 |
| 30/ 29 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 10 | 106 |
| 28/ 27 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 6 | 90 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 87 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 58 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 20 |

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

FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 2 | 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 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 21 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 7 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.2 | 13.7 | 10.3 | 17.7 | 20.7 | 17.4 | 9.2 | 4.8 | 2.2 | .6 | .2 | .0 | | | | | | | 2321 | | 2321 |
| | | | | | | | | | | | | | | | | | | 2321 | | 2321 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9533420 | 142082 | 61.2 | 18.980 | 2321 | | | | | | | |
| Dry Bulb | 7348760 | 128674 | 55.4 | 9.631 | 2321 | | .2 | 13.0 | 5.3 | .9 | | 90 |
| Wet Bulb | 5632522 | 112612 | 48.5 | 8.528 | 2321 | | 1.9 | 1.9 | | | | 90 |
| Dew Point | 4230493 | 95545 | 41.2 | 11.321 | 2321 | | 22.1 | .1 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) 501 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR 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 |
| 90/ 89 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | .1 | | .2 | | | | | | | 6 | 6 | | |
| 86/ 85 | | | | | | .0 | .0 | .0 | .0 | .0 | .1 | .2 | .0 | | | | | 13 | 13 | | |
| 84/ 83 | | | | | | | .0 | .2 | .2 | .4 | .2 | .0 | | | | | | 24 | 24 | | |
| 82/ 81 | | | | | | .0 | .3 | .3 | .4 | .4 | .3 | .1 | | | | | | 44 | 44 | | |
| 80/ 79 | | | | | | .1 | .3 | .2 | .3 | .2 | .1 | | .1 | | | | | 29 | 29 | | |
| 78/ 77 | | | | | | .2 | .4 | .3 | .3 | .2 | .2 | .2 | | | | | | 42 | 42 | 1 | |
| 76/ 75 | | | | .0 | .3 | .5 | .8 | .3 | .3 | .6 | .3 | | | | | | | 77 | 77 | 1 | |
| 74/ 73 | | | | .3 | .3 | .3 | .5 | .4 | .6 | .6 | .1 | | | | | | | 73 | 73 | | 1 |
| 72/ 71 | | | .0 | .3 | .3 | .4 | .3 | .3 | .5 | .4 | .0 | .0 | | | | | | 62 | 62 | 8 | |
| 70/ 69 | | | .2 | .6 | .9 | .5 | .3 | .5 | .4 | .1 | | | | | | | | 79 | 79 | 22 | 1 |
| 68/ 67 | | .1 | .6 | .4 | .3 | .4 | .5 | .6 | .5 | .2 | | | | | | | | 83 | 83 | 45 | 4 |
| 66/ 65 | .0 | .1 | .6 | .2 | .6 | .9 | .5 | .6 | .6 | .1 | | | | | | | | 103 | 103 | 79 | 17 |
| 64/ 63 | | .1 | .3 | .4 | 1.1 | .6 | .6 | 1.4 | .6 | .1 | | | | | | | | 125 | 125 | 98 | 35 |
| 62/ 61 | | .3 | .3 | .8 | .6 | 1.1 | .9 | .9 | .8 | .1 | | | | | | | | 138 | 138 | 85 | 50 |
| 60/ 59 | .0 | .7 | .6 | .9 | 1.0 | 1.8 | 1.4 | .9 | .3 | | | | | | | | | 185 | 185 | 81 | 62 |
| 58/ 57 | .1 | 1.0 | .7 | .8 | 1.3 | 1.6 | 1.6 | .7 | .1 | | | | | | | | | 181 | 181 | 126 | 81 |
| 56/ 55 | .4 | 1.2 | 1.0 | .9 | 1.2 | 2.2 | 1.6 | .6 | | | | | | | | | | 210 | 210 | 174 | 107 |
| 54/ 53 | .3 | 1.0 | .8 | .9 | .9 | 1.9 | 1.6 | | | | | | | | | | | 176 | 176 | 156 | 95 |
| 52/ 51 | .2 | 1.2 | .9 | 1.2 | 1.6 | 1.5 | .8 | .1 | | | | | | | | | | 176 | 176 | 184 | 119 |
| 50/ 49 | .1 | .9 | .9 | .9 | 1.6 | 1.8 | .6 | .0 | | | | | | | | | | 157 | 157 | 207 | 117 |
| 48/ 47 | .2 | 1.5 | .9 | .7 | 1.4 | 1.0 | .4 | | | | | | | | | | | 143 | 143 | 220 | 125 |
| 46/ 45 | .0 | .4 | .3 | .5 | .5 | .4 | | | | | | | | | | | | 50 | 50 | 230 | 140 |
| 44/ 43 | .3 | .9 | .3 | .2 | .9 | .2 | .0 | | | | | | | | | | | 68 | 68 | 196 | 142 |
| 42/ 41 | .1 | .7 | .1 | .1 | .4 | .2 | | | | | | | | | | | | 37 | 37 | 153 | 140 |
| 40/ 39 | | .1 | .4 | .0 | .3 | .0 | | | | | | | | | | | | 23 | 22 | 117 | 131 |
| 38/ 37 | | .1 | | .2 | | | | | | | | | | | | | | 7 | 7 | 58 | 140 |
| 36/ 35 | .0 | | | .1 | .0 | | | | | | | | | | | | | 5 | 5 | 44 | 140 |
| 34/ 33 | .0 | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 15 | 142 |
| 32/ 31 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 15 | 100 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 106 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 91 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 87 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 54 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 36 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 18 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 8 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.0 | 10.5 | 9.3 | 10.6 | 15.5 | 17.7 | 13.6 | 8.7 | 6.1 | 3.7 | 1.6 | .5 | .1 | | | | | 2321 | 2321 | 2321 | 2321 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8114114 | 129070 | 55.6 | 20.092 | 2321 | | | | | | | |
| Dry Bulb | 8358786 | 137174 | 59.1 | 10.414 | 2321 | | .1 | 20.7 | 12.0 | 4.1 | | 90 |
| Wet Bulb | 6062341 | 116991 | 50.4 | 8.442 | 2321 | | .8 | 3.0 | .1 | | | 90 |
| Dew Point | 4322964 | 96634 | 41.6 | 11.365 | 2321 | | 20.6 | .2 | .0 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | | | .0 | .0 | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | | | | .1 | .0 | | | | | | 3 | 3 | | |
| 86/ 85 | | | | | | | | .1 | .2 | .0 | .1 | .2 | | | | | | 15 | 15 | | |
| 84/ 83 | | | | | | | .0 | .1 | .3 | .2 | .2 | .0 | | | | | | 23 | 23 | | |
| 82/ 81 | | | | | | | .0 | .2 | .3 | .3 | .6 | .0 | | | | | | 34 | 34 | | |
| 80/ 79 | | | | | | .1 | .4 | .3 | .4 | .3 | .2 | .2 | .0 | | | | | 44 | 44 | | |
| 78/ 77 | | | | | .1 | .1 | .5 | .4 | .2 | .3 | .3 | .2 | | | | | | 48 | 48 | | |
| 76/ 75 | | | | | | .3 | .4 | .2 | .4 | .4 | .1 | | | | | | | 43 | 43 | | |
| 74/ 73 | | | .0 | .2 | .3 | .4 | .3 | .3 | .3 | .5 | .3 | | | | | | | 62 | 62 | | |
| 72/ 71 | | | .0 | .2 | .2 | .5 | .3 | .5 | .6 | .3 | .1 | .0 | | | | | | 64 | 64 | 4 | |
| 70/ 69 | | | .3 | .5 | .5 | .5 | .4 | .4 | .7 | .4 | .1 | | | | | | | 93 | 93 | 23 | |
| 68/ 67 | | .0 | .5 | .4 | .1 | .5 | .5 | .3 | .9 | .3 | | | | | | | | 86 | 86 | 35 | 4 |
| 66/ 65 | .0 | .3 | .7 | .3 | .1 | .8 | .8 | .9 | .7 | .3 | | | | | | | | 113 | 113 | 66 | 12 |
| 64/ 63 | .0 | .4 | .4 | .4 | .6 | .6 | .6 | 1.3 | .4 | .2 | | | | | | | | 119 | 119 | 106 | 24 |
| 62/ 61 | | .3 | .5 | 1.0 | .8 | .4 | 1.3 | 1.3 | .7 | .2 | | | | | | | | 151 | 151 | 70 | 64 |
| 60/ 59 | .0 | .5 | .9 | 1.3 | .9 | 1.1 | 1.9 | 1.0 | .3 | | | | | | | | | 185 | 185 | 94 | 52 |
| 58/ 57 | .2 | .8 | 1.2 | .9 | .8 | 1.6 | 1.1 | 1.0 | .0 | | | | | | | | | 178 | 178 | 113 | 80 |
| 56/ 55 | .3 | 1.0 | .8 | 1.3 | 1.2 | 1.5 | 2.5 | .7 | | | | | | | | | | 214 | 214 | 167 | 78 |
| 54/ 53 | .3 | 1.3 | 1.3 | 1.2 | 1.0 | 1.8 | 1.1 | .4 | .0 | | | | | | | | | 195 | 195 | 172 | 105 |
| 52/ 51 | .2 | 1.0 | 1.1 | 1.1 | 1.2 | 1.3 | .6 | .3 | | | | | | | | | | 155 | 155 | 192 | 135 |
| 50/ 49 | .0 | 1.2 | 2.2 | .8 | 1.3 | 1.3 | .6 | | | | | | | | | | | 172 | 172 | 218 | 109 |
| 48/ 47 | .1 | 1.2 | .7 | .8 | 1.2 | .8 | .3 | | | | | | | | | | | 118 | 118 | 252 | 132 |
| 46/ 45 | .1 | 1.2 | .6 | .5 | .3 | .4 | | | | | | | | | | | | 72 | 72 | 222 | 135 |
| 44/ 43 | .2 | .9 | .4 | .2 | .6 | .1 | | | | | | | | | | | | 54 | 54 | 221 | 145 |
| 42/ 41 | .1 | .5 | .3 | .1 | .3 | .2 | .0 | | | | | | | | | | | 35 | 35 | 140 | 160 |
| 40/ 39 | .1 | .5 | .3 | | .1 | .1 | | | | | | | | | | | | 24 | 24 | 106 | 147 |
| 38/ 37 | | ≤ 1 | | .1 | .1 | .0 | | | | | | | | | | | | 9 | 9 | 59 | 148 |
| 36/ 35 | | | .0 | .1 | | | | | | | | | | | | | | 1 | 3 | 28 | 164 |
| 34/ 33 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 11 | 127 |
| 32/ 31 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 12 | 97 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 92 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 81 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 71 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 58 |

| 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

PAGE 2 1500-1700 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 37 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 25 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 13 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 18 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 11.5 | 12.3 | 11.4 | 11.6 | 14.5 | 13.7 | 9.8 | 6.6 | 3.8 | 2.2 | .8 | .0 | | | | | 2317 | | 2317 | 2317 |
| | | | | | | | | | | | | | | | | | 2317 | | 2317 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 8295762 | 129890 | 56.1 | 20.926 | 2317 | | | | | | | |
| Dry Bulb | 8310564 | 136726 | 59.0 | 10.230 | 2317 | | .0 | 20.1 | 10.6 | 4.0 | | 90 |
| Wet Bulb | 6022365 | 116645 | 50.3 | 8.050 | 2317 | | .7 | 2.4 | | | | 90 |
| Dew Point | 4209183 | 96321 | 41.6 | 11.093 | 2317 | | 19.3 | .2 | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86/ 85 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 84/ 83 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | | .0 | | .0 | .0 | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | | | .0 | .0 | .2 | .1 | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | .0 | .1 | .3 | .2 | .1 | .2 | .0 | | | | | | | 23 | 23 | | |
| 76/ 75 | | | | | .0 | .3 | .3 | .2 | .1 | | .0 | .0 | | | | | | 24 | 24 | | |
| 74/ 73 | | | | .0 | .1 | .4 | .5 | .1 | .4 | .1 | | | | | | | | 39 | 39 | | |
| 72/ 71 | | | .0 | .1 | .5 | .5 | .1 | .2 | .3 | .1 | .1 | | | | | | | 44 | 44 | | |
| 70/ 69 | | | .3 | .2 | .3 | .6 | .2 | .3 | .1 | | .1 | | | | | | | 47 | 47 | 2 | |
| 68/ 67 | | .1 | .4 | .3 | .4 | .2 | .6 | .4 | .2 | .0 | | | | | | | | 60 | 60 | 12 | 1 |
| 66/ 65 | .0 | .3 | .7 | .6 | .3 | .4 | .2 | .5 | .2 | .1 | | | | | | | | 75 | 75 | 37 | 8 |
| 64/ 63 | .1 | .8 | .6 | .5 | .4 | .7 | .4 | .6 | .0 | .0 | | | | | | | | 97 | 97 | 60 | 18 |
| 62/ 61 | .1 | .6 | .5 | .2 | .5 | .5 | .7 | .4 | .3 | | | | | | | | | 90 | 90 | 98 | 46 |
| 60/ 59 | .1 | .8 | .7 | .6 | .7 | .8 | .9 | .3 | .2 | | | | | | | | | 116 | 116 | 72 | 61 |
| 58/ 57 | .5 | .6 | 1.1 | .8 | 1.2 | 1.1 | .9 | .6 | .0 | | | | | | | | | 160 | 160 | 83 | 70 |
| 56/ 55 | .6 | 1.3 | 1.3 | .9 | 1.3 | 1.3 | .6 | .3 | | | | | | | | | | 177 | 177 | 116 | 83 |
| 54/ 53 | .7 | 1.7 | 1.7 | 1.3 | 1.8 | 1.3 | .7 | .0 | | | | | | | | | | 215 | 215 | 141 | 96 |
| 52/ 51 | .4 | 2.1 | 1.9 | 1.4 | 1.6 | 1.4 | .4 | .0 | | | | | | | | | | 218 | 218 | 162 | 99 |
| 50/ 49 | .3 | 2.5 | 2.3 | 1.6 | 2.4 | .9 | .5 | .0 | | | | | | | | | | 244 | 244 | 204 | 105 |
| 48/ 47 | .3 | 1.8 | 2.2 | 1.9 | 2.0 | 1.3 | .2 | | | | | | | | | | | 223 | 223 | 241 | 151 |
| 46/ 45 | .2 | 2.2 | 2.3 | 1.5 | .9 | .8 | .1 | | | | | | | | | | | 185 | 185 | 240 | 145 |
| 44/ 43 | .2 | 1.2 | 1.4 | 1.1 | .9 | .3 | | | | | | | | | | | | 119 | 119 | 252 | 178 |
| 42/ 41 | .1 | .8 | .7 | .6 | .4 | .1 | | | | | | | | | | | | 64 | 64 | 204 | 170 |
| 40/ 39 | .1 | .4 | .4 | .4 | .3 | .0 | .0 | | | | | | | | | | | 39 | 39 | 158 | 154 |
| 38/ 37 | | .3 | .2 | .2 | .1 | | .0 | | | | | | | | | | | 20 | 20 | 100 | 160 |
| 36/ 35 | | .2 | .2 | .3 | .1 | | | | | | | | | | | | | 16 | 16 | 69 | 149 |
| 34/ 33 | .0 | .1 | .1 | .0 | | .0 | | | | | | | | | | | | 8 | 8 | 31 | 145 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 18 | 127 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 14 | 72 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 5 | 58 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 66 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 60 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 37 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 19 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) APR (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 16 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.8 | 17.8 | 19.2 | 14.6 | 16.4 | 12.9 | 7.7 | 4.2 | 2.2 | .7 | .3 | .1 | | | | | | | | 2320 | | 2320 |
| | | | | | | | | | | | | | | | | | | | 2320 | | 2320 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10609646 | 150006 | 64.7 | 19.816 | 2320 | | | | | | | |
| Dry Bulb | 6981828 | 125522 | 54.1 | 9.065 | 2320 | | .1 | 9.7 | 3.9 | .4 | | 90 |
| Wet Bulb | 5469887 | 111139 | 47.9 | 7.929 | 2320 | | 1.5 | .5 | | | | 90 |
| Dew Point | 4209855 | 95639 | 41.2 | 10.735 | 2320 | | 18.7 | .0 | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR 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 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | | .1 | | .0 | .0 | | | | | | | | | 4 | 4 | | |
| 74/ 73 | | | | .0 | .1 | .1 | .0 | .1 | .0 | | | | | | | | | 10 | 10 | | |
| 72/ 71 | | | | .2 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | 30 | 30 | | |
| 70/ 69 | | | .3 | .2 | .4 | .3 | .2 | .1 | | .0 | | | | | | | | 36 | 36 | | |
| 68/ 67 | | .1 | .4 | .2 | .4 | .4 | .2 | .0 | | .0 | | | | | | | | 42 | 42 | 1 | |
| 66/ 65 | | .3 | .5 | .6 | .2 | .3 | .2 | .1 | | | | | | | | | | 51 | 51 | 26 | 2 |
| 64/ 63 | .1 | .9 | .7 | .5 | .1 | .3 | .1 | .1 | | .0 | | | | | | | | 66 | 66 | 39 | 19 |
| 62/ 61 | .2 | .8 | .8 | .3 | .3 | .3 | .1 | .1 | .0 | | | | | | | | | 72 | 72 | 62 | 41 |
| 60/ 59 | .2 | 1.0 | .4 | .7 | .8 | .5 | .1 | .0 | | | | | | | | | | 86 | 86 | 90 | 51 |
| 58/ 57 | .6 | 1.1 | .5 | .4 | .6 | .3 | .3 | .0 | | | | | | | | | | 86 | 86 | 83 | 69 |
| 56/ 55 | .7 | .9 | 1.3 | 1.0 | 1.1 | .7 | .1 | .0 | | | | | | | | | | 136 | 136 | 80 | 87 |
| 54/ 53 | .7 | 1.6 | 1.5 | 1.6 | 1.0 | .6 | .2 | .0 | | | | | | | | | | 170 | 170 | 90 | 77 |
| 52/ 51 | .8 | 2.1 | 2.2 | 1.5 | 1.5 | .6 | .2 | | | | | | | | | | | 207 | 207 | 130 | 82 |
| 50/ 49 | .6 | 3.1 | 1.4 | 2.6 | 1.9 | .4 | .2 | | | | | | | | | | | 237 | 237 | 149 | 101 |
| 48/ 47 | .6 | 3.5 | 2.4 | 2.5 | 1.9 | .5 | | | | | | | | | | | | 264 | 264 | 241 | 140 |
| 46/ 45 | .2 | 3.2 | 2.0 | 2.8 | 1.5 | .4 | | | | | | | | | | | | 235 | 235 | 219 | 161 |
| 44/ 43 | .4 | 2.3 | 2.5 | 2.2 | .9 | .3 | | | | | | | | | | | | 201 | 201 | 235 | 162 |
| 42/ 41 | .1 | 1.5 | 2.6 | 1.5 | .6 | .1 | | | | | | | | | | | | 151 | 151 | 228 | 145 |
| 40/ 39 | .0 | .9 | 1.6 | 1.1 | .7 | | | | | | | | | | | | | 101 | 101 | 227 | 169 |
| 38/ 37 | .1 | .6 | .8 | .8 | .4 | | | | | | | | | | | | | 62 | 62 | 158 | 174 |
| 36/ 35 | .0 | .4 | .6 | .2 | .0 | | | | | | | | | | | | | 30 | 30 | 106 | 168 |
| 34/ 33 | .0 | .2 | .2 | .3 | | .0 | | | | | | | | | | | | 18 | 18 | 68 | 152 |
| 32/ 31 | | .1 | .5 | .1 | .1 | | | | | | | | | | | | | 17 | 17 | 44 | 141 |
| 30/ 29 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 20 | 99 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 17 | 74 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 1 | 60 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 3 | 47 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 41 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 19 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 15 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | APR MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.4 | 24.9 | 23.3 | 21.4 | 15.1 | 6.6 | 2.0 | .9 | .3 | .1 | | | | | | | | 2317 | | 2316 | |
| | | | | | | | | | | | | | | | | | | 2317 | | 2317 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. hum. | 12441993 | 165047 | 71.3 | 17.140 | 2316 | | | | | | | |
| Dry Bulb | 8031339 | 116569 | 50.3 | 8.484 | 2317 | | .6 | 4.8 | .6 | .2 | | 90 |
| Wet Bulb | 5011288 | 106080 | 45.8 | 8.170 | 2317 | | 3.3 | .6 | | | | 90 |
| Dew Point | 4082591 | 94173 | 40.7 | 10.461 | 2316 | .0 | 30.1 | | | | | 90 |

USAFETAC FORM 0-20-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 80/ 79 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .2 | .0 | | .1 | .0 | | | | | | | | | | 9 | 9 | | |
| 76/ 75 | | | | | .0 | .0 | .1 | .0 | | | | | | | | | | 5 | 5 | | |
| 74/ 73 | | | .2 | .4 | .1 | .1 | .1 | | .0 | | | | | | | | | 25 | 25 | | |
| 72/ 71 | .0 | .2 | .7 | .6 | .3 | .3 | .0 | .0 | | | | | | | | | | 54 | 54 | 5 | 1 |
| 70/ 69 | .0 | 1.0 | 1.2 | .7 | .5 | .1 | .0 | | | | | | | | | | | 83 | 83 | 22 | 5 |
| 68/ 67 | .2 | 1.0 | 1.2 | .5 | .3 | .1 | .1 | .0 | | | | | | | | | | 86 | 86 | 70 | 46 |
| 66/ 65 | .2 | 2.7 | 1.3 | .9 | .5 | .2 | .2 | | .0 | | | | | | | | | 142 | 144 | 97 | 59 |
| 64/ 63 | 1.0 | 2.7 | 1.8 | 1.2 | .5 | .2 | .1 | | | | | | | | | | | 178 | 178 | 136 | 122 |
| 62/ 61 | .4 | 3.2 | 1.6 | 1.4 | .7 | .2 | .2 | | | | | | | | | | | 188 | 189 | 152 | 131 |
| 60/ 59 | 1.8 | 3.4 | 1.8 | 1.5 | .5 | .5 | .0 | | | | | | | | | | | 229 | 230 | 195 | 172 |
| 58/ 57 | .9 | 3.5 | 2.5 | 1.2 | .7 | .4 | .2 | | | | | | | | | | | 227 | 227 | 203 | 158 |
| 56/ 55 | 1.1 | 3.5 | 2.1 | 1.9 | .7 | .4 | | | | | | | | | | | | 248 | 248 | 207 | 194 |
| 54/ 53 | 1.0 | 3.1 | 2.5 | 1.6 | .9 | .0 | .0 | .0 | | | | | | | | | | 222 | 222 | 221 | 167 |
| 52/ 51 | .3 | 2.7 | 2.6 | 1.2 | .6 | | .0 | | | | | | | | | | | 181 | 181 | 191 | 187 |
| 50/ 49 | .4 | 2.7 | 3.4 | 1.3 | .7 | .2 | | | | | | | | | | | | 211 | 211 | 228 | 177 |
| 48/ 47 | .2 | 1.9 | 1.6 | 1.0 | .1 | .1 | | | | | | | | | | | | 118 | 119 | 216 | 159 |
| 46/ 45 | .2 | 1.9 | 1.2 | 1.0 | .1 | | | | | | | | | | | | | 105 | 105 | 176 | 197 |
| 44/ 43 | .1 | .7 | .8 | .5 | .2 | | | | | | | | | | | | | 55 | 55 | 107 | 171 |
| 42/ 41 | | .3 | .2 | .3 | .1 | | | | | | | | | | | | | 22 | 22 | 84 | 11 |
| 40/ 39 | | | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 55 | 98 |
| 38/ 37 | | .0 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 18 | 70 |
| 36/ 35 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 9 | 63 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 7 | 45 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 24 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.9 | 34.7 | 27.7 | 17.5 | 7.8 | 2.8 | 1.3 | .2 | .1 | | | | | | | | | 2401 | 2406 | 2401 | 2401 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 15877770 | 192400 | 80.1 | 13.846 | 2401 | | | | | | | |
| Dry Bulb | 7950111 | 137133 | 57.0 | 7.466 | 2406 | | | 10.2 | 1.5 | | | 93 |
| Wet Bulb | 7019812 | 128552 | 53.5 | 7.556 | 2401 | | .1 | 3.8 | | | | 93 |
| Dew Point | 6337622 | 121404 | 50.6 | 9.105 | 2401 | | 2.4 | 2.0 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 76/ 75 | | | | .1 | | | | .0 | | | | | | | | | | 4 | 4 | | |
| 74/ 73 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 9 | 9 | | |
| 72/ 71 | | .2 | .3 | .4 | .1 | .1 | | | .0 | | | | | | | | | 29 | 29 | | |
| 70/ 69 | | .9 | .6 | .5 | .3 | | | .0 | | | | | | | | | | 57 | 57 | 16 | 3 |
| 68/ 67 | .2 | 1.8 | 1.2 | .6 | .1 | | .0 | | | | | | | | | | | 97 | 97 | 56 | 41 |
| 66/ 65 | .6 | 2.7 | 1.3 | .5 | .1 | | | | | | | | | | | | | 124 | 125 | 81 | 55 |
| 64/ 63 | .9 | 2.8 | 1.4 | .7 | .2 | .2 | | | | | | | | | | | | 147 | 148 | 138 | 106 |
| 62/ 61 | .7 | 3.2 | 1.6 | 1.0 | .2 | .1 | | | | | | | | | | | | 165 | 166 | 152 | 127 |
| 60/ 59 | 1.8 | 4.1 | 2.0 | 1.5 | .4 | .1 | | | | | | | | | | | | 239 | 241 | 175 | 177 |
| 58/ 57 | 1.4 | 3.4 | 1.7 | .7 | .5 | .1 | | | | | | | | | | | | 187 | 188 | 181 | 169 |
| 56/ 55 | 1.0 | 4.0 | 3.0 | 1.5 | .7 | .2 | .0 | | | | | | | | | | | 251 | 252 | 217 | 140 |
| 54/ 53 | 1.2 | 4.0 | 2.2 | 1.5 | .4 | .3 | | | | | | | | | | | | 232 | 234 | 191 | 212 |
| 52/ 51 | .8 | 3.1 | 2.9 | 1.1 | .2 | .1 | | | | | | | | | | | | 198 | 198 | 221 | 169 |
| 50/ 49 | .4 | 3.0 | 2.6 | .9 | .5 | .0 | | | | | | | | | | | | 179 | 179 | 199 | 189 |
| 48/ 47 | .4 | 3.4 | 2.2 | 1.3 | .2 | | | | | | | | | | | | | 182 | 182 | 200 | 151 |
| 46/ 45 | .4 | 2.9 | 1.5 | .4 | .1 | | | | | | | | | | | | | 126 | 126 | 183 | 197 |
| 44/ 43 | .2 | 1.5 | 1.1 | .5 | .2 | | | | | | | | | | | | | 82 | 82 | 166 | 180 |
| 42/ 41 | .2 | .8 | .8 | .5 | | | | | | | | | | | | | | 55 | 55 | 91 | 135 |
| 40/ 39 | | .2 | .3 | .2 | | | | | | | | | | | | | | 18 | 18 | 60 | 94 |
| 38/ 37 | | .1 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | 30 | 69 |
| 36/ 35 | | .1 | .2 | | | | | | | | | | | | | | | 7 | 7 | 28 | 73 |
| 34/ 33 | | | .0 | .1 | | | | | | | | | | | | | | 3 | 3 | 9 | 34 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 21 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 10 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 10.2 | 42.3 | 27.2 | 14.2 | 4.4 | 1.4 | .2 | .1 | .0 | | | | | | | | | | 2410 | | 2401 |
| | | | | | | | | | | | | | | | | | | 2401 | | 2401 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16952608 | 199536 | 83.1 | 12.418 | 2401 | | | | | | | |
| Dry Bulb | 7556883 | 133713 | 55.5 | 7.573 | 2410 | | | 7.6 | .5 | | | 93 |
| Wet Bulb | 6804038 | 126438 | 52.7 | 7.793 | 2401 | | .3 | 2.8 | | | | 93 |
| Dew Point | 6242334 | 120438 | 50.2 | 9.151 | 2401 | | 3.1 | 1.7 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | .0 | .0 | .0 | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | .0 | .1 | .1 | .0 | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | .1 | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | 13 | 13 | | |
| 76/ 75 | | | .1 | .4 | .4 | .2 | .0 | .0 | | | | | | | | | | 26 | 26 | | |
| 74/ 73 | | .0 | .6 | .6 | .5 | .3 | .1 | .2 | | | | | | | | | | 57 | 57 | 4 | |
| 72/ 71 | | .5 | .9 | .8 | .8 | .4 | .1 | | | | | | | | | | | 82 | 82 | 14 | 4 |
| 70/ 69 | .0 | 1.0 | 1.1 | 1.1 | .5 | .2 | .1 | .0 | | | | | | | | | | 96 | 96 | 57 | 20 |
| 68/ 67 | .3 | 1.6 | 1.7 | 1.1 | .5 | .7 | .2 | .1 | | | | | | | | | | 151 | 151 | 92 | 69 |
| 66/ 65 | .5 | 1.9 | 1.7 | 1.5 | .8 | .7 | .3 | | | | | | | | | | | 177 | 177 | 105 | 74 |
| 64/ 63 | .4 | 1.8 | 1.5 | 1.5 | 1.2 | .5 | .2 | | .0 | | | | | | | | | 172 | 172 | 152 | 116 |
| 62/ 61 | .4 | 3.1 | 1.8 | 1.6 | 1.2 | .6 | .2 | .0 | | | | | | | | | | 210 | 210 | 173 | 130 |
| 60/ 59 | .9 | 3.5 | 2.1 | 1.9 | 1.0 | .6 | .1 | .0 | | | | | | | | | | 237 | 237 | 213 | 189 |
| 58/ 57 | 1.3 | 2.4 | 2.5 | 1.6 | 1.2 | .6 | .1 | | | | | | | | | | | 233 | 234 | 212 | 182 |
| 56/ 55 | .3 | 3.5 | 2.9 | 2.1 | 1.5 | .5 | | | | | | | | | | | | 258 | 258 | 219 | 166 |
| 54/ 53 | .6 | 2.9 | 2.0 | 2.0 | 1.0 | .2 | .1 | | | | | | | | | | | 209 | 212 | 227 | 189 |
| 52/ 51 | .3 | 1.7 | 1.6 | 1.4 | .8 | .1 | | | | | | | | | | | | 142 | 142 | 207 | 203 |
| 50/ 49 | .2 | 1.8 | 2.0 | 1.2 | .6 | | | | | | | | | | | | | 138 | 138 | 211 | 180 |
| 48/ 47 | .2 | 1.4 | 1.1 | .5 | .2 | .2 | | | | | | | | | | | | 86 | 86 | 186 | 155 |
| 46/ 45 | .1 | .8 | .4 | .7 | .3 | | | | | | | | | | | | | 55 | 55 | 133 | 159 |
| 44/ 43 | .1 | .3 | .3 | .2 | .2 | | | | | | | | | | | | | 25 | 25 | 87 | 154 |
| 42/ 41 | | .1 | .2 | .1 | | | | | | | | | | | | | | 10 | 10 | 44 | 120 |
| 40/ 39 | | | .3 | .1 | .0 | | | | | | | | | | | | | 10 | 10 | 27 | 90 |
| 38/ 37 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 21 | 58 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | ? | 41 |
| 34/ 33 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 3 | 39 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 9 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.5 | 28.2 | 24.9 | 20.3 | 12.9 | 6.0 | 1.7 | .5 | .0 | | | | | | | | | 2398 | 2402 | 2398 | 2398 |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14722241 | 184649 | 77.0 | 14.501 | 2398 | | | | | | | |
| Dry Bulb | 8531631 | 141975 | 59.1 | 7.634 | 2402 | | | 16.8 | 4.1 | .2 | | 93 |
| Wet Bulb | 7373978 | 131744 | 54.9 | 7.535 | 2398 | | .1 | 6.5 | .2 | | | 93 |
| Dew Point | 6553663 | 123419 | 51.5 | 9.171 | 2398 | | 2.3 | 3.6 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | | .0 | .0 | .0 | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | | | .1 | .2 | .0 | | | | | | | | 8 | 8 | | |
| 86/ 85 | | | | | | .1 | .1 | .2 | .2 | .2 | .0 | | | | | | | 19 | 19 | | |
| 84/ 83 | | | | | .0 | .2 | .3 | .4 | | .2 | .0 | .0 | | | | | | 28 | 28 | | |
| 82/ 81 | | | | | .1 | .5 | .5 | .7 | .2 | | | | | | | | | 49 | 49 | | |
| 80/ 79 | | | | .1 | .5 | 1.1 | .9 | .3 | .3 | .1 | .1 | | | | | | | 81 | 81 | | |
| 78/ 77 | | | .1 | .6 | 1.4 | .6 | .8 | .6 | .4 | .1 | .0 | | | | | | | 107 | 107 | | |
| 76/ 75 | | | .1 | .8 | 1.0 | 1.2 | .7 | .5 | .5 | .0 | .0 | | | | | | | 113 | 113 | 5 | |
| 74/ 73 | | | .6 | 1.0 | 1.0 | 1.2 | .7 | .8 | .5 | .1 | | | | | | | | 143 | 143 | 26 | 1 |
| 72/ 71 | .0 | .2 | .7 | .7 | 1.0 | 1.3 | .8 | .7 | .2 | | .0 | | | | | | | 136 | 136 | 74 | 14 |
| 70/ 69 | .0 | .3 | 1.2 | 1.1 | 1.3 | 1.4 | 1.0 | 1.2 | .2 | .1 | | | | | | | | 187 | 189 | 129 | 43 |
| 68/ 67 | .0 | .6 | 1.0 | 1.4 | 1.8 | 1.3 | 1.2 | .6 | .6 | .0 | | | | | | | | 204 | 204 | 148 | 79 |
| 66/ 65 | | 1.0 | 1.2 | 1.1 | 1.7 | 1.0 | 1.6 | .7 | .2 | | | | | | | | | 202 | 202 | 129 | 117 |
| 64/ 63 | .0 | 1.2 | .8 | 1.6 | 1.2 | 1.5 | 1.2 | .3 | .2 | | | | | | | | | 192 | 192 | 184 | 122 |
| 62/ 61 | .1 | 1.9 | 1.0 | 1.1 | 1.3 | 1.5 | 1.0 | .3 | .1 | | | | | | | | | 196 | 196 | 199 | 142 |
| 60/ 59 | .3 | 1.9 | .6 | 1.5 | 1.3 | 1.9 | .6 | .2 | .0 | | | | | | | | | 202 | 202 | 244 | 175 |
| 58/ 57 | .1 | 1.5 | 1.1 | 1.0 | 1.4 | 1.7 | .3 | .0 | | | | | | | | | | 172 | 172 | 229 | 185 |
| 56/ 55 | .2 | 1.3 | .9 | .8 | 1.5 | .8 | .4 | | | | | | | | | | | 138 | 138 | 195 | 179 |
| 54/ 53 | .1 | 1.1 | .8 | .5 | .8 | .5 | .1 | .0 | | | | | | | | | | 96 | 96 | 227 | 167 |
| 52/ 51 | .1 | .4 | .4 | .4 | .5 | .3 | .1 | | | | | | | | | | | 53 | 53 | 188 | 165 |
| 50/ 49 | .1 | .7 | .3 | .3 | .2 | .4 | | | | | | | | | | | | 47 | 47 | 158 | 169 |
| 48/ 47 | | .3 | .0 | .1 | .1 | .1 | | | | | | | | | | | | 16 | 16 | 119 | 150 |
| 46/ 45 | | .0 | .0 | | .1 | .0 | | | | | | | | | | | | 5 | 5 | 75 | 122 |
| 44/ 43 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | 35 | 138 |
| 42/ 41 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 18 | 121 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 12 | 90 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 72 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 56 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 21 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 18 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY MONTH

PAGE 2 | 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 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 12.3 | 10.9 | 14.0 | 18.4 | 18.5 | 12.3 | 7.5 | 3.6 | .9 | .4 | | | | | | | 2400 | 2402 | 2400 | 2400 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10413329 | 152725 | 63.6 | 17.016 | 2400 | | | | | | | |
| Dry Bulb | 10533507 | 157735 | 65.7 | 8.546 | 2402 | | | 41.8 | 21.3 | 5.5 | | 93 |
| Wet Bulb | 8201330 | 139128 | 58.0 | 7.532 | 2400 | | | 14.8 | 1.2 | | | 93 |
| Dew Point | 6740787 | 124999 | 52.1 | 9.802 | 2400 | | 2.7 | 5.3 | .0 | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | | .1 | .0 | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | .0 | .1 | | | | | | | 3 | 3 | | |
| 92/ 91 | | | | | | | | | | .1 | .1 | .1 | | | | | | 8 | 8 | | |
| 90/ 89 | | | | | | | | | .2 | .3 | .3 | .1 | | | | | | 19 | 19 | | |
| 88/ 87 | | | | | | | .1 | .4 | .4 | .5 | .2 | .2 | .0 | | | | | 42 | 42 | | |
| 86/ 85 | | | | | | .0 | .3 | .7 | .6 | .2 | .3 | | .1 | | | | | 54 | 54 | | |
| 84/ 83 | | | | | .1 | .3 | .8 | .9 | .9 | .3 | .2 | .2 | | | | | | 84 | 84 | | |
| 82/ 81 | | | | .0 | .2 | .7 | .8 | 1.0 | .5 | .2 | .3 | .1 | .0 | | | | | 90 | 90 | | |
| 80/ 79 | | | | .2 | .4 | .8 | .8 | .7 | .7 | .4 | .5 | .1 | .0 | | | | | 111 | 111 | | |
| 78/ 77 | | | | .3 | .6 | 1.0 | .8 | 1.0 | .5 | 1.0 | .3 | | | | | | | 134 | 134 | | |
| 76/ 75 | | | .0 | .5 | .8 | 1.2 | 1.3 | 1.1 | .5 | .3 | .0 | | | | | | | 136 | 136 | 18 | |
| 74/ 73 | | .1 | .2 | 1.0 | .6 | .9 | .9 | .9 | .7 | .5 | .1 | | | | | | | 141 | 142 | 47 | 3 |
| 72/ 71 | .0 | .3 | .7 | 1.0 | .9 | 1.0 | 1.6 | .9 | 1.1 | .3 | .2 | | | | | | | 191 | 192 | 101 | 13 |
| 70/ 69 | | .4 | 1.0 | 1.0 | 1.4 | 1.7 | 1.2 | 1.2 | 1.2 | .4 | .0 | | | | | | | 226 | 228 | 143 | 42 |
| 68/ 67 | .0 | .1 | 1.5 | 1.2 | 1.0 | 1.3 | 1.5 | 1.0 | .7 | .2 | | | | | | | | 204 | 204 | 169 | 80 |
| 66/ 65 | | .6 | 1.1 | .8 | .9 | 1.3 | 1.3 | .5 | .5 | | | | | | | | | 169 | 169 | 167 | 105 |
| 64/ 63 | .0 | .9 | .6 | .8 | .8 | 1.1 | 1.1 | .5 | .2 | .0 | .0 | | | | | | | 148 | 148 | 196 | 139 |
| 62/ 61 | .1 | 1.1 | .6 | .9 | .9 | 1.2 | 1.1 | .5 | .2 | | | | | | | | | 156 | 156 | 246 | 196 |
| 60/ 59 | .1 | 1.1 | 1.0 | .8 | .9 | 1.4 | 1.3 | .3 | .0 | | | | | | | | | 163 | 163 | 212 | 161 |
| 58/ 57 | .2 | .7 | .5 | .6 | 1.4 | .8 | .7 | .2 | | | | | | | | | | 121 | 121 | 209 | 163 |
| 56/ 55 | | .8 | .6 | .3 | .7 | .7 | .5 | .1 | | | | | | | | | | 86 | 86 | 234 | 155 |
| 54/ 53 | | .6 | .4 | .1 | .3 | .1 | .2 | | | | | | | | | | | 41 | 41 | 174 | 179 |
| 52/ 51 | .0 | .7 | .3 | .3 | .3 | .1 | .1 | | | | | | | | | | | 42 | 42 | 172 | 166 |
| 50/ 49 | .0 | .3 | .1 | .0 | | | .0 | | | | | | | | | | | 14 | 14 | 128 | 150 |
| 48/ 47 | | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 90 | 135 |
| 46/ 45 | | .0 | | | .1 | | | | | | | | | | | | | 3 | 3 | 61 | 151 |
| 44/ 43 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 21 | 135 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 4 | 107 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 87 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 69 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 52 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 49 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 15 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 15 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 5 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 8.0 | 8.8 | 9.7 | 12.3 | 15.4 | 16.3 | 11.8 | 8.7 | 4.6 | 2.8 | .8 | .3 | | | | | 2398 | 2402 | 2398 | 2398 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Ref Hum | 8656177 | 137613 | 57.4 | 17.795 | 2398 | | | | | | | |
| Dry Bulb | 11685229 | 166067 | 69.1 | 9.214 | 2402 | | | 56.1 | 32.0 | 14.4 | .2 | 93 |
| Wet Bulb | 8592239 | 142433 | 59.4 | 7.427 | 2398 | | | 18.5 | 2.5 | | | 93 |
| Dew Point | 6762626 | 125106 | 52.2 | 9.917 | 2398 | | 2.4 | 5.4 | .1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — MAY 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 - 19 | 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 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | | | | .1 | .0 | | | | | | 3 | 3 | | |
| 92/ 91 | | | | | | | | | | .1 | .3 | .0 | | | | | | 12 | 12 | | |
| 90/ 89 | | | | | | | | .0 | .2 | .5 | .0 | .1 | | | | | | 20 | 20 | | |
| 88/ 87 | | | | | | | .0 | .5 | .2 | .3 | .0 | .1 | .1 | .0 | | | | 34 | 34 | | |
| 86/ 85 | | | | | | .0 | .2 | .5 | .4 | .4 | .4 | .1 | .0 | .0 | | | | 51 | 51 | | |
| 84/ 83 | | | | | .0 | .2 | .8 | .7 | .7 | .4 | .3 | .1 | .2 | | | | | 84 | 84 | | |
| 82/ 81 | | | | .0 | .1 | .6 | .6 | .7 | .5 | .4 | .2 | .2 | .1 | | | | | 85 | 85 | | |
| 80/ 79 | | | | .1 | .5 | .8 | .5 | 1.0 | .7 | .7 | .6 | | | | | | | 119 | 119 | | |
| 78/ 77 | | | | .5 | 1.0 | .7 | .8 | .6 | 1.2 | .3 | .4 | .1 | | | | | | 136 | 136 | 1 | |
| 76/ 75 | | | .3 | .7 | .7 | 1.0 | .7 | 1.2 | .8 | .5 | .2 | | | | | | | 147 | 147 | 10 | |
| 74/ 73 | | | .2 | .9 | .9 | .8 | .8 | .7 | .6 | .6 | .2 | .0 | | | | | | 140 | 140 | 46 | |
| 72/ 71 | | .1 | .7 | .6 | .7 | 1.1 | 1.0 | 1.1 | 1.1 | .7 | .0 | | | | | | | 174 | 174 | 113 | 12 |
| 70/ 69 | .0 | .2 | 1.2 | .7 | .7 | 1.2 | 1.5 | 1.0 | .8 | .3 | | | | | | | | 184 | 184 | 128 | 37 |
| 68/ 67 | | .5 | .8 | 1.2 | 1.4 | 1.5 | 1.1 | .9 | .5 | .0 | | | | | | | | 191 | 191 | 145 | 92 |
| 66/ 65 | | 1.1 | 1.3 | 1.2 | 1.5 | .7 | 1.2 | 1.0 | .4 | .0 | | | | | | | | 201 | 201 | 176 | 113 |
| 64/ 63 | .2 | 1.1 | .9 | 1.0 | .8 | 1.3 | 1.1 | .7 | .5 | .1 | | | | | | | | 180 | 180 | 135 | 130 |
| 62/ 61 | .2 | 1.2 | .6 | .9 | 1.2 | 1.1 | 1.0 | .2 | .2 | | | | | | | | | 159 | 159 | 245 | 148 |
| 60/ 59 | .2 | 1.1 | .6 | .9 | 1.1 | 1.1 | 1.1 | .2 | .1 | | | | | | | | | 153 | 153 | 239 | 181 |
| 58/ 57 | .3 | 1.2 | 1.0 | .9 | 1.0 | .7 | .4 | .3 | .0 | | | | | | | | | 139 | 139 | 240 | 154 |
| 56/ 55 | .0 | .6 | .8 | .6 | .5 | .5 | .3 | .1 | | | | | | | | | | 82 | 82 | 220 | 159 |
| 54/ 53 | .1 | .2 | .5 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | | 39 | 39 | 183 | 180 |
| 52/ 51 | .2 | .4 | .2 | .1 | .2 | .0 | | | | | | | | | | | | 28 | 28 | 177 | 188 |
| 50/ 49 | .1 | .6 | .4 | .1 | | | | | | | | | | | | | | 27 | 27 | 125 | 151 |
| 48/ 47 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 92 | 159 |
| 46/ 45 | | .3 | | | | | | | | | | | | | | | | 7 | 7 | 32 | 136 |
| 44/ 43 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 30 | 126 |
| 42/ 41 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 7 | 122 |
| 40/ 39 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | 89 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 3 | 65 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 63 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 36 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 15 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 11 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 9 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.2 | 8.8 | 9.5 | 10.7 | 12.7 | 13.6 | 13.2 | 11.4 | 9.0 | 5.4 | 3.1 | .9 | .4 | .1 | | | | | 2404 | | 2404 |
| | | | | | | | | | | | | | | | | | | 2404 | | 2404 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8938948 | 139496 | 58.0 | 18.746 | 2404 | | | | | | | |
| Dry Bulb | 11520082 | 165644 | 68.9 | 9.273 | 2404 | | | 53.4 | 32.2 | 13.5 | .2 | 93 |
| Wet Bulb | 8575910 | 142520 | 59.3 | 7.261 | 2404 | | | 17.1 | 2.2 | | | 93 |
| Dew Point | 6758848 | 125250 | 52.1 | 9.764 | 2404 | | 2.2 | 5.5 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | MAY 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 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | | | .1 | .1 | | | | | | | | 6 | 6 | | |
| 86/ 85 | | | | | | .0 | .2 | .1 | .0 | .0 | | | | | | | | 9 | 9 | | |
| 84/ 83 | | | | | | | .1 | .3 | | .0 | | .0 | | | | | | 12 | 12 | | |
| 82/ 81 | | | | | .1 | .3 | .2 | .4 | .4 | .1 | .0 | | .0 | | | | | 39 | 39 | | |
| 80/ 79 | | | | .1 | .2 | .8 | .2 | .3 | .2 | .1 | | | | | | | | 48 | 48 | | |
| 78/ 77 | | | | .2 | .8 | 1.0 | .5 | .7 | .4 | .1 | .1 | .1 | | | | | | 93 | 93 | | |
| 76/ 75 | | .0 | .2 | .9 | .7 | .7 | .4 | .5 | .4 | .2 | | .0 | | | | | | 96 | 96 | 3 | |
| 74/ 73 | | .0 | .5 | .7 | .9 | .9 | .7 | .5 | .5 | .1 | .1 | | | | | | | 119 | 119 | 11 | |
| 72/ 71 | | .2 | .6 | 1.0 | .7 | .7 | .9 | .7 | .5 | | .0 | | | | | | | 128 | 128 | 42 | 7 |
| 70/ 69 | .1 | .2 | 1.9 | 1.2 | 1.0 | 1.1 | .6 | .7 | .2 | .1 | | | | | | | | 170 | 170 | 110 | 25 |
| 68/ 67 | | .7 | 1.1 | 1.0 | .7 | 1.0 | .5 | .8 | .4 | | | | | | | | | 150 | 150 | 103 | 59 |
| 66/ 65 | .2 | 1.7 | 1.6 | 1.1 | 1.2 | 1.5 | .8 | .5 | | | | | | | | | | 206 | 206 | 172 | 99 |
| 64/ 63 | .5 | 1.6 | 2.0 | 1.2 | 1.4 | 1.5 | 1.0 | .5 | .0 | | | | | | | | | 230 | 231 | 169 | 160 |
| 62/ 61 | .3 | 2.1 | 1.3 | 1.5 | 1.4 | 1.2 | .7 | .3 | .1 | | | | | | | | | 210 | 210 | 212 | 148 |
| 60/ 59 | .7 | 1.7 | 1.7 | 1.5 | 1.4 | 1.1 | .5 | .2 | | | | | | | | | | 212 | 212 | 233 | 173 |
| 58/ 57 | .4 | 1.9 | 1.7 | 1.8 | 1.3 | .9 | .3 | .2 | | | | | | | | | | 205 | 205 | 211 | 171 |
| 56/ 55 | .2 | 1.7 | 1.5 | 1.6 | .8 | .9 | .4 | | | | | | | | | | | 171 | 171 | 250 | 166 |
| 54/ 53 | .2 | 1.0 | 1.3 | 1.0 | .8 | .2 | .2 | .1 | | | | | | | | | | 115 | 115 | 222 | 180 |
| 52/ 51 | .2 | 1.0 | .8 | .8 | .5 | .2 | .0 | | | | | | | | | | | 89 | 89 | 203 | 191 |
| 50/ 49 | .1 | .8 | .6 | .4 | .1 | .2 | .0 | | | | | | | | | | | 52 | 52 | 183 | 176 |
| 48/ 47 | | .4 | .2 | .3 | .0 | .1 | | | | | | | | | | | | 25 | 25 | 118 | 169 |
| 46/ 45 | | .2 | .2 | | | | | | | | | | | | | | | 8 | 8 | 87 | 162 |
| 44/ 43 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 41 | 127 |
| 42/ 41 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 22 | 113 |
| 40/ 39 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 7 | 81 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 61 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 57 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 32 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 9 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 12 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.9 | 15.6 | 17.1 | 16.3 | 14.1 | 14.4 | 8.3 | 6.7 | 3.2 | 1.0 | .4 | .2 | .0 | | | | | | 2404 | 2405 | 2404 | 2404 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11638230 | 161688 | 67.3 | 17.824 | 2404 | | | | | | | |
| Dry Bulb | 10031518 | 154010 | 64.0 | 8.387 | 2405 | | | 33.7 | 16.4 | 3.6 | | 93 |
| Wet Bulb | 8008235 | 137667 | 57.3 | 7.201 | 2404 | | | 10.4 | .5 | | | 93 |
| Dew Point | 6704631 | 124973 | 52.0 | 9.300 | 2404 | | 1.8 | 3.5 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) MAY (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 |
| 82/ 81 | | | | | | | .1 | .0 | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | | | | .0 | .0 | .3 | | | | | | | | | | | 8 | 8 | | |
| 78/ 77 | | | | .1 | .2 | .1 | .2 | | | .0 | | | | | | | | 14 | 14 | | |
| 76/ 75 | | | | .5 | .4 | .1 | .1 | .1 | .0 | .0 | | | | | | | | 30 | 30 | | |
| 74/ 73 | | .1 | .5 | .9 | .5 | .5 | .3 | .0 | .0 | | | | | | | | | 68 | 68 | 1 | |
| 72/ 71 | | .2 | .8 | 1.0 | .8 | .3 | .0 | .2 | .0 | | | | | | | | | 77 | 77 | 6 | |
| 70/ 69 | .0 | .8 | 1.1 | 1.3 | .6 | .5 | .3 | .2 | .1 | | | | | | | | | 119 | 119 | 42 | 9 |
| 68/ 67 | .3 | 1.2 | 1.8 | .9 | .8 | .6 | .2 | .2 | | .0 | | | | | | | | 140 | 140 | 103 | 45 |
| 66/ 65 | .2 | 1.5 | 1.5 | 1.3 | 1.0 | .6 | .2 | .1 | | | | | | | | | | 151 | 151 | 109 | 92 |
| 64/ 63 | .8 | 3.0 | 1.9 | 1.6 | 1.1 | .5 | .1 | .1 | | | | | | | | | | 217 | 218 | 175 | 120 |
| 62/ 61 | .8 | 2.3 | 1.8 | 1.7 | 1.3 | .8 | .3 | | .0 | | | | | | | | | 216 | 216 | 165 | 156 |
| 60/ 59 | 1.3 | 3.0 | 1.6 | 1.8 | 1.5 | .8 | .2 | .0 | | | | | | | | | | 245 | 245 | 211 | 180 |
| 58/ 57 | .4 | 3.2 | 2.1 | 2.2 | 1.3 | .5 | .2 | | | | | | | | | | | 240 | 240 | 219 | 149 |
| 56/ 55 | .4 | 2.5 | 2.4 | 2.0 | 1.4 | .4 | .1 | | | | | | | | | | | 221 | 221 | 222 | 204 |
| 54/ 53 | .5 | 2.2 | 2.2 | 2.0 | .7 | .3 | .0 | | | | | | | | | | | 187 | 187 | 211 | 168 |
| 52/ 51 | .3 | 1.8 | 2.6 | 1.7 | .8 | .1 | .1 | | | | | | | | | | | 176 | 176 | 231 | 185 |
| 50/ 49 | .6 | 1.5 | 1.6 | 1.3 | .5 | .1 | .0 | | | | | | | | | | | 136 | 138 | 229 | 192 |
| 48/ 47 | .2 | 1.0 | 1.3 | .8 | .3 | .0 | | | | | | | | | | | | 83 | 83 | 184 | 187 |
| 46/ 45 | .0 | .6 | .6 | .3 | .2 | | | | | | | | | | | | | 43 | 43 | 121 | 190 |
| 44/ 43 | | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 13 | 13 | 91 | 134 |
| 42/ 41 | | | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 42 | 119 |
| 40/ 39 | | | .2 | .0 | | | | | | | | | | | | | | 5 | 5 | 22 | 76 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 8 | 91 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 8 | 27 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 24 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 4 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.8 | 25.3 | 24.3 | 21.3 | 13.3 | 6.2 | 2.6 | .9 | .3 | .1 | | | | | | | | 2400 | 2401 | 2400 | 2400 |

| Element (λ) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 14409160 | 182482 | 76.0 | 14.924 | 2400 | | | | | | | |
| Dry Bulb | 8643793 | 142933 | 59.5 | 7.497 | 2401 | | | 17.8 | 4.8 | .2 | | 93 |
| Wet Bulb | 7411065 | 132233 | 55.1 | 7.230 | 2400 | | | 5.9 | .0 | | | 93 |
| Dew Point | 6543577 | 123511 | 51.5 | 8.837 | 2400 | | 2.0 | 2.1 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 16,51-72 YEARS — JUN 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 |
| 86/ 85 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 84/ 83 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .1 | .1 | .1 | .0 | .0 | | | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | .1 | .4 | .2 | .3 | .2 | .0 | | | | | | | | | | | 29 | 29 | 1 | 1 |
| 78/ 77 | | .3 | 1.1 | .7 | .2 | .0 | .0 | | | | | | | | | | | 54 | 54 | 10 | 3 |
| 76/ 75 | | .7 | 2.2 | .8 | .3 | .1 | .1 | | | | | | | | | | | 99 | 99 | 19 | 13 |
| 74/ 73 | | 2.2 | 2.3 | .8 | .4 | .3 | .1 | | | | | | | | | | | 141 | 141 | 61 | 39 |
| 72/ 71 | .4 | 4.6 | 3.3 | 1.1 | .2 | .2 | .2 | | | | | | | | | | | 234 | 234 | 157 | 95 |
| 70/ 69 | .7 | 6.2 | 3.1 | 1.5 | .1 | .2 | .2 | | | | | | | | | | | 278 | 280 | 234 | 191 |
| 68/ 67 | .9 | 4.8 | 3.1 | 1.7 | .6 | .3 | .0 | | | | | | | | | | | 260 | 260 | 291 | 263 |
| 66/ 65 | .7 | 4.2 | 2.5 | 1.8 | .7 | .2 | | | | | | | | | | | | 233 | 234 | 217 | 244 |
| 64/ 63 | 1.1 | 3.6 | 2.4 | 1.5 | .3 | | .1 | | | | | | | | | | | 208 | 209 | 228 | 179 |
| 62/ 61 | 1.0 | 3.8 | 2.9 | 1.3 | .2 | .1 | | | | | | | | | | | | 214 | 215 | 216 | 211 |
| 60/ 59 | .4 | 3.9 | 1.9 | 1.6 | .3 | .0 | | | | | | | | | | | | 186 | 186 | 211 | 183 |
| 58/ 57 | .3 | 2.7 | 2.2 | 1.0 | .4 | | | | | | | | | | | | | 154 | 154 | 212 | 193 |
| 56/ 55 | .1 | 1.4 | 1.3 | .3 | .3 | .0 | | | | | | | | | | | | 77 | 77 | 145 | 195 |
| 54/ 53 | .2 | .8 | 1.0 | .3 | | | | | | | | | | | | | | 57 | 52 | 114 | 143 |
| 52/ 51 | | .8 | .6 | .1 | .0 | | | | | | | | | | | | | 34 | 34 | 83 | 109 |
| 50/ 49 | .1 | .2 | .2 | | .1 | | | | | | | | | | | | | 14 | 14 | 50 | 78 |
| 48/ 47 | | .2 | .0 | | | | | | | | | | | | | | | 5 | 5 | 24 | 72 |
| 46/ 45 | | .2 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 28 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 23 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 6.0 | 41.0 | 30.6 | 14.9 | 4.9 | 1.7 | .9 | | | | | | | | | | | 2288 | 2293 | | 2288 |
| | | | | | | | | | | | | | | | | | | 2288 | | 2288 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16548405 | 193135 | 84.4 | 10.360 | 2288 | | | | | | | |
| Dry Bulb | 10005717 | 150721 | 65.7 | 6.562 | 2293 | | | 43.5 | 13.1 | 1.0 | | 90 |
| Wet Bulb | 9076180 | 143316 | 62.6 | 6.584 | 2288 | | | 30.4 | 3.6 | | | 90 |
| Dew Point | 856,768 | 138926 | 60.7 | 7.401 | 2288 | | | 23.8 | 2.2 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUN 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 |
| 82/ 81 | | | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | .1 | .1 | .2 | .3 | .0 | | | | | | | | | | | | 17 | 17 | | |
| 78/ 77 | | .3 | .2 | .2 | .3 | | | | | | | | | | | | | 21 | 21 | 3 | 3 |
| 76/ 75 | | .5 | 1.0 | .7 | .4 | .0 | | | | | | | | | | | | 59 | 59 | 18 | 3 |
| 74/ 73 | .2 | 3.2 | 1.7 | .7 | .2 | | .0 | | | | | | | | | | | 136 | 136 | 44 | 36 |
| 72/ 71 | .7 | 5.1 | 2.2 | .6 | .2 | .0 | | | | | | | | | | | | 201 | 201 | 145 | 88 |
| 70/ 69 | 1.0 | 5.9 | 2.7 | .7 | .0 | .2 | .0 | | | | | | | | | | | 245 | 245 | 216 | 173 |
| 68/ 67 | 1.7 | 6.9 | 3.0 | .8 | .6 | .1 | .0 | | | | | | | | | | | 299 | 301 | 257 | 255 |
| 66/ 65 | 1.8 | 4.0 | 1.8 | 1.2 | .4 | | | | | | | | | | | | | 211 | 211 | 257 | 272 |
| 64/ 63 | 1.5 | 4.2 | 2.1 | 1.0 | .4 | .0 | | | | | | | | | | | | 211 | 211 | 216 | 200 |
| 62/ 61 | 1.0 | 4.7 | 2.1 | 1.1 | .3 | .1 | | | | | | | | | | | | 212 | 212 | 181 | 180 |
| 60/ 59 | .6 | 4.9 | 2.1 | 1.0 | .1 | .0 | | | | | | | | | | | | 201 | 201 | 207 | 169 |
| 58/ 57 | .8 | 4.0 | 1.4 | .4 | .2 | | | | | | | | | | | | | 156 | 156 | 233 | 195 |
| 56/ 55 | .4 | 3.2 | 1.6 | .5 | .4 | | | | | | | | | | | | | 139 | 139 | 158 | 191 |
| 54/ 53 | .4 | 1.4 | 1.6 | .4 | .2 | | | | | | | | | | | | | 89 | 89 | 139 | 159 |
| 52/ 51 | .3 | .8 | .6 | .2 | .0 | | | | | | | | | | | | | 42 | 42 | 79 | 105 |
| 50/ 49 | .3 | .6 | .3 | .0 | | | | | | | | | | | | | | 29 | 29 | 71 | 101 |
| 48/ 47 | | .0 | .2 | | .0 | | | | | | | | | | | | | 6 | 6 | 37 | 57 |
| 46/ 45 | | .4 | | .1 | | | | | | | | | | | | | | 11 | 11 | 16 | 38 |
| 44/ 43 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 9 | 33 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 3 | 19 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 10.6 | 50.3 | 24.5 | 10.0 | 4.0 | .6 | .1 | | | | | | | | | | | | 2292 | | 2290 |
| | | | | | | | | | | | | | | | | | | 2290 | | 2290 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 17629130 | 199700 | 87.2 | 9.675 | 2290 | | | | | | | |
| Dry Bulb | 9599389 | 147543 | 64.4 | 6.659 | 2292 | | | 38.6 | 9.3 | .3 | | 90 |
| Wet Bulb | 8883157 | 141781 | 61.9 | 6.775 | 2290 | | | 26.8 | 2.6 | | | 90 |
| Dew Point | 8468596 | 138188 | 60.3 | 7.529 | 2290 | | | 21.9 | 1.7 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | | | | | | .0 | .0 | | .0 | | | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | .1 | .1 | | | | | | | | | | | 5 | 5 | | |
| 86/ 85 | | | | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | 13 | 13 | | |
| 84/ 83 | | | | .0 | .4 | .6 | .1 | .1 | | | | | | | | | | 28 | 28 | | |
| 82/ 81 | | | .3 | .5 | .5 | .6 | .3 | .0 | | | | | | | | | | 52 | 52 | | |
| 80/ 79 | | .0 | .3 | 1.0 | 1.1 | .5 | .2 | .0 | | | | | | | | | | 72 | 72 | 5 | |
| 78/ 77 | | .3 | 1.6 | 1.8 | 1.4 | .6 | .3 | .1 | .0 | | | | | | | | | 139 | 139 | 19 | 2 |
| 76/ 75 | | .9 | 2.7 | 1.6 | 1.2 | .6 | .2 | .1 | | | | | | | | | | 168 | 168 | 58 | 24 |
| 74/ 73 | .0 | 2.1 | 3.3 | 1.9 | .7 | .4 | .3 | .1 | .0 | | | | | | | | | 201 | 201 | 134 | 63 |
| 72/ 71 | .2 | 3.5 | 3.1 | 1.5 | 1.6 | .3 | .4 | .0 | .0 | | | | | | | | | 246 | 246 | 208 | 143 |
| 70/ 69 | .4 | 3.5 | 2.8 | 2.0 | 1.4 | .5 | .3 | .0 | | | | | | | | | | 252 | 252 | 276 | 225 |
| 68/ 67 | .7 | 2.5 | 2.8 | 1.7 | 1.4 | .8 | .3 | | | | | | | | | | | 235 | 235 | 234 | 262 |
| 66/ 65 | .7 | 2.8 | 3.0 | 1.8 | 1.0 | .6 | .2 | | | | | | | | | | | 230 | 230 | 210 | 209 |
| 64/ 63 | .7 | 2.7 | 2.4 | .8 | 1.1 | .3 | .0 | | | | | | | | | | | 186 | 186 | 253 | 207 |
| 62/ 61 | .4 | 2.8 | 1.8 | 1.5 | .7 | .3 | .0 | | | | | | | | | | | 174 | 174 | 237 | 204 |
| 60/ 59 | .2 | 2.0 | 1.1 | 1.0 | .4 | .2 | | | | | | | | | | | | 114 | 114 | 188 | 220 |
| 58/ 57 | .3 | 2.0 | 1.3 | .3 | .4 | .2 | | | | | | | | | | | | 103 | 104 | 165 | 158 |
| 56/ 55 | .1 | .6 | .5 | .2 | .0 | .1 | | | | | | | | | | | | 36 | 36 | 142 | 167 |
| 54/ 53 | .1 | .3 | .2 | .1 | .1 | | | | | | | | | | | | | 20 | 20 | 75 | 120 |
| 52/ 51 | | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 7 | 7 | 44 | 98 |
| 50/ 49 | | .0 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 23 | 78 |
| 48/ 47 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 42 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 8 | 25 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 13 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 6 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.9 | 26.2 | 27.4 | 18.2 | 13.7 | 6.9 | 2.9 | .7 | .2 | | | | | | | | | 2290 | 2291 | 2290 | 2290 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14723552 | 181318 | 79.2 | 12.664 | 2290 | | | | | | | |
| Dry Bulb | 10929454 | 157444 | 68.7 | 6.914 | 2291 | | | 55.5 | 26.8 | 5.5 | | 90 |
| Wet Bulb | 9561051 | 147227 | 64.3 | 6.464 | 2290 | | | 36.7 | 8.5 | | | 90 |
| Dew Point | 8831980 | 141190 | 61.7 | 7.446 | 2290 | | | 28.3 | 3.5 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

PAGE 1 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 | | | | | |
| 98/ 97 | | | | | | | | | | | | .1 | | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | .1 | .2 | .0 | .1 | .0 | | | | | | | 11 | 11 | | |
| 92/ 91 | | | | | | | .3 | .4 | .1 | .2 | .2 | .0 | | | | | | | 27 | 27 | | |
| 90/ 89 | | | | | .0 | .1 | .3 | .6 | .7 | .2 | .1 | .0 | | | | | | | 50 | 50 | | |
| 88/ 87 | | | | .0 | .2 | .5 | 1.2 | 1.1 | .7 | .1 | .1 | | | | | | | | 91 | 91 | | |
| 86/ 85 | | | | .1 | .5 | 1.5 | 1.9 | 1.4 | .5 | .1 | .1 | | | | | | | | 140 | 140 | | |
| 84/ 83 | | | | .3 | .9 | 1.9 | 1.3 | 1.1 | .4 | .1 | .0 | | | | | | | | 141 | 141 | | |
| 82/ 81 | | | | .8 | 2.7 | 2.2 | 1.2 | 1.1 | .4 | .1 | .0 | | | | | | | | 198 | 198 | 4 | |
| 80/ 79 | | | .6 | 1.8 | 2.2 | 1.8 | 1.4 | 1.0 | .3 | .2 | .0 | | | | | | | | 214 | 214 | 30 | 2 |
| 78/ 77 | | | .5 | 1.7 | 2.4 | 1.6 | 1.0 | .5 | .9 | .3 | | | | | | | | | 206 | 206 | 61 | 7 |
| 76/ 75 | .0 | .1 | 1.0 | 1.7 | 1.7 | 1.8 | 1.1 | .8 | .3 | | | | | | | | | | 200 | 200 | 162 | 37 |
| 74/ 73 | | .5 | 1.6 | 1.4 | 1.2 | 1.6 | 1.7 | .6 | .3 | .1 | | | | | | | | | 205 | 205 | 274 | 85 |
| 72/ 71 | .0 | .6 | .9 | 1.0 | 1.5 | 1.3 | .7 | .7 | .2 | | | | | | | | | | 160 | 160 | 269 | 176 |
| 70/ 69 | .2 | .3 | .7 | 1.6 | 1.4 | 1.8 | .8 | .6 | .1 | | | | | | | | | | 172 | 172 | 236 | 248 |
| 68/ 67 | .2 | .3 | 1.4 | 1.1 | 1.4 | 1.0 | .7 | .3 | .1 | | | | | | | | | | 158 | 158 | 210 | 236 |
| 66/ 65 | .2 | .9 | .8 | .6 | 1.0 | .7 | .3 | .4 | | | | | | | | | | | 111 | 111 | 195 | 209 |
| 64/ 63 | .1 | .6 | .8 | .6 | .7 | .2 | .3 | .0 | | | | | | | | | | | 75 | 75 | 214 | 192 |
| 62/ 61 | .2 | 1.1 | .3 | .6 | .4 | .3 | .0 | .0 | | | | | | | | | | | 67 | 67 | 205 | 188 |
| 60/ 59 | .3 | .2 | .3 | .1 | .2 | .2 | .1 | | | | | | | | | | | | 32 | 32 | 163 | 187 |
| 58/ 57 | .1 | .4 | .2 | | .1 | .0 | | | | | | | | | | | | | 18 | 18 | 112 | 156 |
| 56/ 55 | | .3 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 83 | 140 |
| 54/ 53 | | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 38 | 127 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 23 | 103 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 10 | 53 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 3 | 46 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 12 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 23 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.4 | 5.7 | 9.2 | 13.6 | 18.5 | 18.5 | 14.5 | 10.9 | 5.1 | 1.7 | .8 | .2 | | | | | | | 2292 | 2292 | | 2292 |
| | | | | | | | | | | | | | | | | | | | 2292 | | 2292 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 9980514 | 147542 | 64.4 | 14.518 | 2292 | | | | | | | |
| Dry Bulb | 13224414 | 173156 | 75.5 | 7.896 | 2292 | | | 77.6 | 58.4 | 30.7 | .6 | 90 |
| Wet Bulb | 10336292 | 153186 | 66.8 | 6.543 | 2292 | | | 48.9 | 20.9 | .5 | | 90 |
| Dew Point | 8948194 | 142034 | 62.0 | 7.995 | 2292 | | | 31.1 | 5.1 | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 100/ 99 | | | | | | | | | | | .0 | .1 | | | | | | 4 | 4 | | |
| 98/ 97 | | | | | | | | | | .1 | | | .0 | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | .0 | .0 | .2 | .3 | .2 | .3 | .2 | | | | | 30 | 30 | | |
| 94/ 93 | | | | | | | .1 | .4 | .3 | .3 | .7 | .3 | | | | | | 50 | 50 | | |
| 92/ 91 | | | | | | .0 | .2 | .7 | 1.0 | 1.0 | .5 | .3 | .0 | .0 | | | | 86 | 86 | | |
| 90/ 89 | | | | | .1 | .1 | .8 | 1.3 | 1.4 | .7 | .4 | .3 | .1 | | | | | 118 | 118 | | |
| 88/ 87 | | | | | .1 | .8 | 1.8 | 1.3 | 1.1 | 1.3 | .3 | .1 | | | | | | 155 | 155 | | |
| 86/ 85 | | | | | .4 | 1.7 | 2.0 | 1.3 | 1.3 | 1.0 | .5 | .0 | .1 | | | | | 193 | 193 | | |
| 84/ 83 | | | | .0 | 1.0 | 2.4 | 1.4 | 1.2 | 1.2 | .7 | .4 | .0 | | | | | | 193 | 193 | 1 | |
| 82/ 81 | | | | .3 | 2.0 | 1.6 | 1.3 | 1.2 | .8 | .4 | .2 | .0 | | | | | | 181 | 181 | 13 | |
| 80/ 79 | | | .3 | 1.2 | 1.7 | 1.7 | 1.2 | .9 | 1.0 | .6 | .3 | .0 | | | | | | 203 | 203 | 29 | 2 |
| 78/ 77 | | | .5 | 1.0 | .9 | 1.4 | 1.3 | 1.4 | .8 | .4 | .1 | | | | | | | 177 | 177 | 96 | 11 |
| 76/ 75 | .0 | .3 | .7 | .9 | 1.0 | 1.6 | 1.1 | 1.2 | .7 | .1 | .2 | | | | | | | 178 | 178 | 215 | 29 |
| 74/ 73 | | .2 | .7 | .6 | .8 | 1.2 | 1.4 | 1.0 | .6 | .2 | .1 | | | | | | | 155 | 155 | 318 | 92 |
| 72/ 71 | | .3 | .6 | .3 | .6 | 1.6 | 1.0 | .5 | .4 | | | | | | | | | 148 | 148 | 229 | 188 |
| 70/ 69 | .1 | .5 | .6 | .9 | 1.1 | 1.4 | .7 | .1 | .1 | | | | | | | | | 127 | 127 | 234 | 240 |
| 68/ 67 | .2 | .6 | 1.1 | .4 | .5 | .7 | .6 | .3 | .2 | | | | | | | | | 105 | 105 | 217 | 216 |
| 66/ 65 | .1 | .6 | .4 | .5 | .7 | .6 | .3 | .3 | .0 | | | | | | | | | 81 | 81 | 208 | 196 |
| 64/ 63 | .1 | .3 | .3 | .3 | .4 | .1 | .0 | .0 | | | | | | | | | | 3 | 35 | 198 | 182 |
| 62/ 61 | .3 | .5 | .2 | .2 | .1 | .1 | .1 | | | | | | | | | | | 3 | 32 | 195 | 190 |
| 60/ 59 | .1 | .2 | .3 | .1 | | .0 | .0 | | | | | | | | | | | 19 | 19 | 140 | 199 |
| 58/ 57 | | .2 | .0 | .1 | | | | | | | | | | | | | | 7 | 7 | 87 | 150 |
| 56/ 55 | .0 | .3 | .0 | | | | | | | | | | | | | | | 8 | 8 | 61 | 130 |
| 54/ 53 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 32 | 127 |
| 52/ 51 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 13 | 104 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 7 | 78 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 38 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 36 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 19 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 13 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUN (MONTH)

PAGE 2 1200-1400 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.0 | 4.1 | 5.6 | 6.9 | 12.3 | 17.0 | 15.4 | 13.2 | 11.1 | 7.3 | 3.9 | 1.6 | .5 | .0 | | | | 2293 | 2293 | | 2293 | 2293 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8272713 | 133167 | 58.1 | 15.335 | 2293 | | | | | | | |
| Dry Bulb | 14384401 | 180581 | 78.8 | 8.435 | 2293 | | | 82.7 | 67.7 | 44.4 | 3.4 | 90 |
| Wet Bulb | 10638274 | 159486 | 67.8 | 6.436 | 2293 | | | 53.1 | 26.4 | 1.0 | | 90 |
| Dew Point | 8901199 | 141653 | 61.8 | 8.101 | 2293 | | | 30.5 | 5.3 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUN MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 100/ 99 | | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | | | | | 10 | 10 | | |
| 96/ 95 | | | | | | | | .1 | .2 | .2 | .1 | .3 | .2 | | | | | | 25 | 25 | | |
| 94/ 93 | | | | | | | | .2 | .5 | .3 | .4 | .3 | .0 | | | | | | 41 | 41 | | |
| 92/ 91 | | | | | | | .2 | .5 | .8 | .8 | .5 | .2 | .1 | | | | | | 70 | 70 | | |
| 90/ 89 | | | | | .1 | .2 | .5 | 1.0 | 1.1 | .7 | .5 | .4 | .0 | | | | | | 108 | 108 | | |
| 88/ 87 | | | | | | .7 | 1.6 | 1.8 | .7 | .8 | .5 | .1 | | .0 | | | | | 143 | 143 | | |
| 86/ 85 | | | | | .7 | 1.1 | 1.8 | 1.5 | 1.4 | 1.4 | .6 | .1 | .0 | | | | | | 199 | 199 | | |
| 84/ 83 | | | | .1 | .9 | 1.6 | 1.9 | 1.4 | 1.0 | 1.1 | .3 | .3 | | | | | | | 200 | 200 | | |
| 82/ 81 | | | | .5 | 1.5 | 1.7 | 1.4 | .7 | 1.1 | .3 | .2 | .1 | | | | | | | 172 | 172 | 7 | |
| 80/ 79 | | | .1 | 1.1 | 1.8 | 1.7 | .9 | 1.4 | .7 | .4 | .3 | .1 | | | | | | | 196 | 196 | 29 | 3 |
| 78/ 77 | | .0 | .5 | 1.3 | 1.0 | 1.1 | 1.5 | 1.0 | .7 | .1 | .1 | | | | | | | | 168 | 168 | 96 | 1 |
| 76/ 75 | .0 | .1 | .7 | 1.0 | 1.0 | 1.0 | 1.1 | .9 | 1.2 | .6 | .2 | | | | | | | | 182 | 182 | 179 | 28 |
| 74/ 73 | .1 | .2 | .8 | 1.1 | 1.0 | 1.5 | 1.4 | .8 | .7 | .3 | | | | | | | | | 180 | 180 | 271 | 86 |
| 72/ 71 | .2 | .6 | .8 | .7 | 1.0 | 1.4 | .8 | .3 | .2 | .1 | | | | | | | | | 139 | 139 | 267 | 165 |
| 70/ 69 | .1 | .7 | .7 | .9 | 1.2 | .8 | 1.0 | .3 | .0 | .0 | | | | | | | | | 136 | 136 | 225 | 228 |
| 68/ 67 | .1 | .8 | .8 | .7 | 1.1 | .9 | .3 | .2 | .2 | .0 | | | | | | | | | 118 | 118 | 242 | 212 |
| 66/ 65 | .3 | .8 | 1.0 | .7 | .5 | .3 | .2 | .1 | | | | | | | | | | | 89 | 89 | 224 | 224 |
| 64/ 63 | .0 | .7 | .3 | .5 | .3 | .2 | .0 | | | | | | | | | | | | 47 | 47 | 207 | 183 |
| 62/ 61 | .2 | .2 | .3 | .3 | .2 | .1 | | | | | | | | | | | | | 27 | 27 | 197 | 194 |
| 60/ 59 | | .3 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 16 | 18 | 143 | 157 |
| 58/ 57 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | | 13 | 13 | 106 | 208 |
| 56/ 55 | | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 56 | 174 |
| 54/ 53 | | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 23 | 111 |
| 52/ 51 | .1 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 18 | 90 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 3 | 81 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 60 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 40 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 18 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVEF AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUN MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.2 | 4.9 | 6.5 | 9.0 | 12.4 | 14.3 | 14.5 | 12.5 | 10.0 | 7.5 | 3.8 | 2.0 | .5 | .1 | | | | 2293 | 2293 | 2293 | 2293 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 8513101 | 134717 | 58.8 | 16.156 | 2293 | | | | | | | |
| Dry Bulb | 14200373 | 179401 | 78.2 | 8.467 | 2293 | | | 82.0 | 66.3 | 42.6 | 3.0 | 90 |
| Wet Bulb | 10538288 | 154784 | 67.5 | 6.264 | 2293 | | | 51.7 | 22.8 | .8 | | 90 |
| Dew Point | 8829525 | 141137 | 61.6 | 7.861 | 2293 | | | 28.4 | 4.6 | .0 | | 90 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 96/ 95 | | | | | | | | | .1 | .0 | | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | .0 | .0 | .0 | | | | | | | | 3 | 3 | | |
| 92/ 91 | | | | | | .0 | .0 | .1 | .0 | .0 | .1 | | | | | | | 10 | 10 | | |
| 90/ 89 | | | | | .1 | .1 | .1 | .1 | .4 | .3 | .1 | | | | | | | 26 | 26 | | |
| 88/ 87 | | | | .0 | .1 | .3 | .5 | .3 | .2 | .1 | | .0 | .0 | | | | | 37 | 37 | | |
| 86/ 85 | | | .1 | .1 | .4 | 1.0 | 1.0 | .7 | .6 | .1 | | | | | | | | 93 | 93 | | |
| 84/ 83 | | | .0 | .1 | .8 | 1.4 | .7 | .8 | .3 | .3 | | | .0 | | | | | 102 | 102 | 2 | |
| 82/ 81 | .0 | | .0 | 1.2 | 1.2 | 1.5 | 1.0 | .7 | .7 | .1 | .0 | .0 | | | | | | 150 | 150 | 8 | 3 |
| 80/ 79 | | .0 | .6 | 1.5 | 2.0 | 1.9 | 1.0 | .9 | .4 | .0 | .0 | .0 | | | | | | 193 | 193 | 10 | 7 |
| 78/ 77 | | .0 | .9 | 1.9 | 1.9 | 1.5 | 1.2 | .7 | .3 | .1 | .1 | | | | | | | 199 | 199 | 37 | 4 |
| 76/ 75 | .0 | .4 | 1.9 | 2.3 | 1.9 | 1.4 | .9 | .4 | .2 | .3 | .0 | | | | | | | 227 | 227 | 114 | 18 |
| 74/ 73 | .0 | .7 | 1.9 | 1.4 | 1.6 | 1.0 | .9 | .3 | .4 | .2 | | | | | | | | 191 | 191 | 197 | 80 |
| 72/ 71 | .2 | 1.4 | 1.8 | 1.4 | 1.6 | 1.2 | .6 | .3 | .3 | .0 | | | | | | | | 202 | 203 | 246 | 140 |
| 70/ 69 | .3 | 2.2 | 1.7 | 1.5 | 1.6 | 1.0 | .7 | .6 | | .0 | | | | | | | | 221 | 222 | 296 | 252 |
| 68/ 67 | .1 | 1.5 | 1.3 | 1.3 | 1.4 | .8 | .7 | .0 | .1 | | | | | | | | | 163 | 164 | 233 | 235 |
| 66/ 65 | .3 | 1.4 | 2.0 | 1.1 | 1.2 | .8 | .2 | .1 | .0 | | | | | | | | | 165 | 165 | 234 | 223 |
| 64/ 63 | .3 | 1.8 | 1.2 | 1.7 | .9 | .5 | .0 | .0 | | | | | | | | | | 146 | 146 | 238 | 202 |
| 62/ 61 | | 1.0 | .7 | .5 | .5 | .2 | .0 | | | | | | | | | | | 67 | 67 | 183 | 209 |
| 60/ 59 | .1 | .6 | .7 | .3 | .2 | .0 | .0 | | | | | | | | | | | 43 | 43 | 161 | 176 |
| 58/ 57 | | .4 | .3 | .4 | .1 | .0 | | | | | | | | | | | | 28 | 28 | 150 | 181 |
| 56/ 55 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | | 12 | 12 | 106 | 160 |
| 54/ 53 | .2 | .1 | .0 | .0 | | | | | | | | | | | | | | 8 | 8 | 36 | 108 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 33 | 85 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 6 | 71 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 49 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 44 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 20 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 15 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.7 | 11.8 | 15.2 | 16.8 | 17.3 | 14.6 | 9.8 | 6.3 | 4.0 | 1.8 | .4 | .1 | .1 | | | | | 2293 | 2295 | 2292 | 2292 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 11438667 | 157987 | 68.9 | 15.475 | 2292 | | | | | | | |
| Dry Bulb | 12479691 | 168333 | 73.3 | 7.610 | 2295 | | | 71.5 | 48.4 | 20.6 | .2 | 90 |
| Wet Bulb | 10073770 | 151264 | 66.0 | 6.298 | 2292 | | | 44.9 | 14.5 | .6 | | 90 |
| Dew Point | 8888973 | 141637 | 61.8 | 7.714 | 2292 | | | 29.0 | 4.4 | .3 | | 90 |

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

USAFETAC

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUN MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | .1 | | .0 | | | | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | .0 | .0 | | .1 | | | | | | | | | | | 5 | 5 | | |
| 84/ 83 | | | .0 | .3 | .1 | .1 | .2 | .0 | | | | | | | | | | 20 | 20 | | |
| 82/ 81 | | .1 | .1 | .5 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | 39 | 39 | | |
| 80/ 79 | | .1 | .5 | 1.5 | .8 | .4 | .2 | .0 | | | | | | | | | | 61 | 81 | 9 | 3 |
| 78/ 77 | | .3 | 1.6 | 2.2 | .7 | .4 | .2 | .1 | | | | | | | | | | 127 | 127 | 11 | 6 |
| 76/ 75 | | .3 | 1.6 | 2.0 | 1.5 | .6 | .2 | | | | | | | | | | | 142 | 142 | 49 | 13 |
| 74/ 73 | .0 | 2.1 | 3.0 | 2.7 | 1.3 | .4 | .3 | | | | | | | | | | | 225 | 225 | 114 | 57 |
| 72/ 71 | .2 | 3.4 | 3.3 | 2.1 | 1.3 | .4 | .0 | .1 | | | | | | | | | | 248 | 248 | 187 | 127 |
| 70/ 69 | .4 | 4.4 | 3.4 | 2.1 | 1.4 | .6 | .3 | .1 | | | | | | | | | | 289 | 289 | 271 | 213 |
| 68/ 67 | .2 | 2.7 | 2.7 | 1.8 | 1.4 | .3 | .2 | .0 | | | | | | | | | | 213 | 214 | 285 | 257 |
| 66/ 65 | .4 | 2.9 | 3.0 | 1.9 | 1.1 | .5 | .3 | .0 | | | | | | | | | | 231 | 231 | 232 | 235 |
| 64/ 63 | .5 | 3.5 | 2.2 | 1.7 | 1.0 | .5 | .1 | .1 | | | | | | | | | | 221 | 221 | 226 | 215 |
| 62/ 61 | .2 | 2.1 | 2.2 | 1.7 | .5 | .4 | | | | | | | | | | | | 165 | 165 | 228 | 226 |
| 60/ 59 | .0 | 1.7 | 2.2 | 1.1 | .7 | .0 | | | | | | | | | | | | 132 | 132 | 187 | 167 |
| 58/ 57 | .0 | .9 | .7 | .7 | .3 | | | | | | | | | | | | | 61 | 61 | 170 | 204 |
| 56/ 55 | .1 | .7 | .7 | .4 | .2 | .0 | | | | | | | | | | | | 48 | 48 | 133 | 149 |
| 54/ 53 | .1 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 27 | 27 | 88 | 113 |
| 52/ 51 | .0 | .2 | .0 | .0 | .0 | | | | | | | | | | | | | 8 | 8 | 60 | 99 |
| 50/ 49 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 27 | 81 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 9 | 48 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 18 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 12 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.4 | 36.0 | 27.6 | 23.0 | 12.9 | 5.2 | 2.2 | .7 | .0 | | | | | | | | | | 2290 | | 2289 |
| | | | | | | | | | | | | | | | | | | 2289 | | 2289 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14691943 | 181359 | 79.2 | 11.877 | 2289 | | | | | | | |
| Dry Bulb | 10032065 | 156765 | 68.5 | 6.626 | 2290 | | | 54.7 | 25.2 | 4.3 | | 90 |
| Wet Bulb | 9492636 | 146678 | 64.1 | 6.395 | 2289 | | | 36.4 | 7.2 | .1 | | 90 |
| Dew Point | 8774431 | 140703 | 61.5 | 7.407 | 2289 | | | 26.6 | 3.1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (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 |
| 84/ 83 | | | .0 | | | .1 | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | .3 | .1 | .2 | .2 | .0 | | | | | | | | | | | 21 | 21 | | |
| 80/ 79 | | .2 | 1.1 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | 76 | 76 | 2 | |
| 78/ 77 | .0 | 1.7 | 2.1 | 1.3 | .5 | .4 | | | | | | | | | | | | 145 | 145 | 23 | 10 |
| 76/ 75 | .2 | 3.6 | 3.8 | 1.7 | 1.0 | .1 | .0 | | | | | | | | | | | 250 | 251 | 105 | 56 |
| 74/ 73 | 1.3 | 6.9 | 4.1 | 1.8 | .8 | .2 | .1 | .1 | | | | | | | | | | 366 | 366 | 229 | 183 |
| 72/ 71 | 2.1 | 8.0 | 3.5 | 1.3 | .6 | .4 | .1 | .0 | | | | | | | | | | 383 | 383 | 402 | 312 |
| 70/ 69 | 2.0 | 5.9 | 4.0 | 1.7 | .5 | .3 | .0 | | | | | | | | | | | 346 | 350 | 400 | 390 |
| 68/ 67 | 1.0 | 4.1 | 3.3 | 1.5 | .8 | .1 | .0 | | | | | | | | | | | 259 | 260 | 290 | 293 |
| 66/ 65 | .4 | 4.1 | 1.9 | 1.5 | .7 | .1 | | | | | | | | | | | | 210 | 210 | 234 | 240 |
| 64/ 63 | .5 | 3.0 | 2.7 | .6 | .3 | .3 | .0 | | | | | | | | | | | 178 | 178 | 248 | 235 |
| 62/ 61 | .1 | 2.0 | 1.2 | .3 | .1 | | | | | | | | | | | | | 91 | 91 | 176 | 200 |
| 60/ 59 | | 1.1 | .4 | .3 | .1 | | | | | | | | | | | | | 44 | 44 | 154 | 148 |
| 58/ 57 | .0 | .4 | .2 | .1 | | | | | | | | | | | | | | 17 | 17 | 76 | 148 |
| 56/ 55 | | .3 | | | | | | | | | | | | | | | | 6 | 6 | 34 | 80 |
| 54/ 53 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 18 | 37 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 16 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.6 | 41.3 | 28.8 | 13.2 | 6.3 | 2.2 | .5 | .1 | | | | | | | | | | 2396 | 2402 | 2396 | 2396 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17884897 | 205549 | 85.8 | 10.241 | 2396 | | | | | | | |
| Dry Bulb | 11954094 | 169028 | 70.4 | 4.984 | 2402 | | | 71.8 | 33.4 | 2.2 | | 93 |
| Wet Bulb | 10929443 | 161357 | 67.3 | 5.127 | 2396 | | | 56.3 | 13.9 | | | 93 |
| Dew Point | 10438222 | 157510 | 65.7 | 5.912 | 2396 | | | 48.3 | 9.7 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 |
| 82/ 81 | | | .2 | | | .1 | .0 | | | | | | | | | | | 8 | 8 | | |
| 80/ 79 | | .1 | .3 | .3 | .2 | .0 | | | | | | | | | | | | 22 | 22 | | |
| 78/ 77 | | 1.7 | 1.1 | 1.0 | .3 | .1 | | | | | | | | | | | | 100 | 100 | 13 | 1 |
| 76/ 75 | .4 | 3.9 | 3.4 | 1.4 | .3 | .0 | .1 | | | | | | | | | | | 227 | 230 | 80 | 61 |
| 74/ 73 | 1.6 | 6.4 | 3.1 | 1.2 | .3 | .2 | | | | | | | | | | | | 303 | 306 | 205 | 138 |
| 72/ 71 | 2.8 | 8.9 | 2.9 | 1.2 | .3 | .1 | .1 | | | | | | | | | | | 387 | 390 | 369 | 307 |
| 70/ 69 | 3.5 | 6.8 | 3.1 | 1.0 | .4 | .2 | | | | | | | | | | | | 354 | 357 | 411 | 403 |
| 68/ 67 | 1.8 | 4.6 | 2.4 | .8 | .4 | .3 | | | | | | | | | | | | 245 | 245 | 280 | 295 |
| 66/ 65 | 1.0 | 4.9 | 2.6 | 1.3 | .3 | .1 | .1 | | | | | | | | | | | 246 | 246 | 238 | 238 |
| 64/ 63 | .8 | 4.6 | 2.0 | .8 | .3 | .1 | | | | | | | | | | | | 206 | 206 | 214 | 222 |
| 62/ 61 | .3 | 3.0 | 1.3 | .6 | .3 | .1 | | | | | | | | | | | | 132 | 132 | 186 | 175 |
| 60/ 59 | .4 | 2.3 | .9 | .3 | .0 | | | | | | | | | | | | | 94 | 95 | 182 | 170 |
| 58/ 57 | .1 | .8 | .3 | .1 | .0 | | | | | | | | | | | | | 33 | 33 | 106 | 150 |
| 56/ 55 | .2 | .4 | .1 | .0 | | | | | | | | | | | | | | 18 | 18 | 61 | 100 |
| 54/ 53 | | .2 | .2 | | | | | | | | | | | | | | | 9 | 9 | 24 | 46 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 11 | 32 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 17 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 22 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 12.9 | 48.5 | 23.7 | 10.0 | 3.1 | 1.4 | .3 | | | | | | | | | | | | 2397 | | 2384 |
| | | | | | | | | | | | | | | | | | | 2384 | | 2384 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 18799396 | 210480 | 88.3 | 9.. | 2384 | | | | | | | |
| Dry Bulb | 11508462 | 165624 | 69.1 | 5.166 | 2397 | | | 64.3 | 25.8 | .5 | | 93 |
| Wet Bulb | 10666406 | 158940 | 66.7 | 5.418 | 2384 | | | 53.0 | 11.6 | | | 93 |
| Dew Point | 10265298 | 155748 | 65.3 | 6.152 | 2384 | | | 47.0 | 7.8 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUL MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | .0 | .0 | .0 | | | | | | | | | | | 3 | 3 | | |
| 86/ 85 | | | | .1 | .2 | .3 | .0 | .1 | .0 | | | | | | | | | 17 | 17 | | |
| 84/ 83 | | | .1 | .3 | .8 | .3 | .3 | .1 | | | | | | | | | | 46 | 46 | | |
| 82/ 81 | | .0 | .6 | 1.0 | 1.1 | .5 | .3 | .1 | | | | | | | | | | 87 | 87 | 2 | |
| 80/ 79 | | .5 | 2.1 | 2.9 | 1.2 | .7 | .4 | .1 | | .0 | | | | | | | | 188 | 188 | 5 | 2 |
| 78/ 77 | .0 | 1.8 | 3.8 | 2.9 | 1.3 | .9 | .1 | .0 | | | | | | | | | | 262 | 262 | 59 | 17 |
| 76/ 75 | .3 | 5.2 | 4.8 | 1.9 | 1.2 | .5 | .4 | .1 | .0 | | | | | | | | | 347 | 347 | 196 | 98 |
| 74/ 73 | 1.4 | 5.1 | 3.7 | 1.7 | 1.4 | .8 | .5 | | | | | | | | | | | 351 | 351 | 382 | 260 |
| 72/ 71 | 1.0 | 5.6 | 2.5 | 2.1 | 1.5 | .7 | .4 | | | | | | | | | | | 329 | 329 | 382 | 384 |
| 70/ 69 | 1.4 | 3.5 | 3.8 | 2.0 | 1.3 | .6 | .1 | .0 | | | | | | | | | | 303 | 303 | 345 | 354 |
| 68/ 67 | .6 | 2.2 | 2.6 | 1.1 | 1.0 | .4 | .3 | | | | | | | | | | | 197 | 197 | 255 | 254 |
| 66/ 65 | .5 | 2.1 | 1.9 | .8 | .5 | .1 | | | | | | | | | | | | 143 | 143 | 259 | 219 |
| 64/ 63 | .4 | 1.1 | .8 | .4 | .1 | .2 | | | | | | | | | | | | 74 | 74 | 209 | 232 |
| 62/ 61 | .1 | .6 | .3 | .1 | | .0 | | | | | | | | | | | | 28 | 28 | 141 | 184 |
| 60/ 59 | .0 | .3 | .1 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 102 | 127 |
| 58/ 57 | | .1 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | 35 | 101 |
| 56/ 55 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 16 | 64 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 6 | 51 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 3 | 24 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 11 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 28.1 | 27.2 | 17.5 | 11.7 | 6.1 | 2.9 | .5 | .1 | .0 | | | | | | | | 2397 | 2397 | 2397 | 2397 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 16253289 | 195187 | 81.4 | 12.245 | 2397 | | | | | | | |
| Dry Bulb | 12823544 | 174894 | 73.0 | 5.113 | 2397 | | | 82.7 | 50.5 | 9.4 | | 93 |
| Wet Bulb | 11399209 | 164861 | 68.8 | 5.020 | 2397 | | | 63.1 | 25.0 | .2 | | 93 |
| Dew Point | 10729180 | 159712 | 66.6 | 6.046 | 2397 | | | 53.1 | 14.6 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUL MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .1 | .0 | .0 | .1 | | | | | | 7 | 7 | | |
| 94/ 93 | | | | | | | .1 | | .3 | .1 | .1 | .0 | .0 | | | | | 16 | 16 | | |
| 92/ 91 | | | | | | .1 | .2 | .4 | .3 | .2 | .1 | .1 | .0 | | | | | 32 | 32 | | |
| 90/ 89 | | | | | .0 | .3 | 1.0 | 1.0 | .7 | .6 | .3 | .0 | | | | | | 95 | 95 | | |
| 88/ 87 | | | | .0 | .5 | 1.7 | 1.6 | 1.0 | .8 | .3 | | | | | | | | 137 | 137 | | |
| 86/ 85 | | | .0 | .5 | 2.0 | 2.4 | 1.7 | 1.5 | .5 | .3 | .0 | | | | | | | 215 | 215 | | |
| 84/ 83 | | | .2 | 1.5 | 2.4 | 2.3 | 1.7 | 1.3 | .7 | .1 | .1 | .1 | | | | | | 248 | 249 | | |
| 82/ 81 | | .1 | 1.0 | 2.6 | 2.6 | 1.8 | 1.8 | 1.3 | .3 | .5 | .1 | | | | | | | 289 | 289 | 12 | |
| 80/ 79 | | .2 | 1.5 | 3.2 | 2.6 | 2.6 | 1.5 | 1.1 | .8 | .3 | .1 | | | | | | | 328 | 328 | 64 | 7 |
| 78/ 77 | .0 | .6 | 2.4 | 2.6 | 1.6 | 1.7 | 1.5 | 1.2 | .7 | .1 | | | | | | | | 300 | 300 | 224 | 44 |
| 76/ 75 | .1 | 1.6 | 2.3 | 1.5 | 1.7 | 1.9 | 2.0 | 1.0 | .3 | .0 | .0 | | | | | | | 299 | 299 | 355 | 159 |
| 74/ 73 | .2 | 1.1 | 1.0 | 1.2 | 1.3 | 1.2 | 1.0 | .6 | .1 | .0 | | | | | | | | 184 | 184 | 387 | 289 |
| 72/ 71 | .4 | .5 | 1.0 | 1.2 | .6 | .5 | .5 | .2 | | | | | | | | | | 115 | 115 | 335 | 314 |
| 70/ 69 | .2 | .8 | .6 | .7 | .3 | .3 | .2 | .1 | | | | | | | | | | 76 | 76 | 261 | 306 |
| 68/ 67 | .1 | .3 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | 35 | 35 | 245 | 227 |
| 66/ 65 | .1 | .1 | .1 | .0 | | | .0 | | | | | | | | | | | 10 | 10 | 194 | 225 |
| 64/ 63 | .1 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 167 | 198 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 100 | 167 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 30 | 129 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 15 | 99 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 3 | 72 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 75 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 42 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 15 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 13 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.2 | 5.4 | 10.6 | 15.2 | 15.9 | 17.1 | 14.8 | 10.7 | 5.4 | 2.5 | .9 | .4 | .1 | | | | | 2392 | 2393 | 2392 | 2392 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10885137 | 157507 | 65.8 | 14.658 | 2392 | | | | | | | |
| Dry Bulb | 15266362 | 190660 | 79.7 | 5.626 | 2393 | | | 92.4 | 83.6 | 47.6 | .9 | 93 |
| Wet Bulb | 12080694 | 169568 | 70.9 | 5.013 | 2392 | | | 73.2 | 40.5 | 1.3 | | 93 |
| Dew Point | 10699356 | 159144 | 66.5 | 6.820 | 2392 | | | 52.2 | 19.2 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 100/ 99 | | | | | | | | | | | .1 | .1 | .0 | | | | | 6 | 6 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | | .3 | .3 | .0 | | | | 15 | 15 | | |
| 96/ 95 | | | | | | | | .1 | .3 | .1 | .4 | .4 | .2 | | | | | 36 | 36 | | |
| 94/ 93 | | | | | | | | .4 | .5 | .7 | .7 | .5 | .1 | | | | | 71 | 71 | | |
| 92/ 91 | | | | | | .2 | .6 | 1.3 | 1.2 | .8 | 1.1 | .3 | .0 | | | | | 133 | 133 | | |
| 90/ 89 | | | | | .2 | .6 | 1.7 | 2.1 | 2.0 | 1.0 | .8 | .1 | | | | | | 203 | 203 | | |
| 88/ 87 | | | | .1 | .7 | 1.7 | 2.4 | 1.9 | 1.2 | 1.0 | .3 | .1 | .0 | .0 | | | | 224 | 224 | | |
| 86/ 85 | | | .1 | .1 | 1.6 | 1.6 | 2.5 | 1.2 | 1.4 | .8 | .5 | .2 | .1 | | | | | 238 | 238 | | |
| 84/ 83 | | | .2 | .9 | 1.8 | 2.1 | 1.3 | 1.4 | 1.0 | .9 | .5 | .1 | | | | | | 245 | 245 | | |
| 82/ 81 | | .0 | .7 | 2.4 | 2.0 | 2.0 | 1.8 | 1.8 | 1.0 | .7 | .4 | .2 | | | | | | 315 | 315 | 26 | 1 |
| 80/ 79 | | .0 | 1.0 | 2.5 | 1.6 | 1.3 | 1.1 | 1.6 | 1.4 | .3 | .2 | | | | | | | 265 | 265 | 101 | 11 |
| 78/ 77 | | .5 | 1.2 | 1.6 | 1.2 | 1.0 | 1.8 | 1.1 | 1.2 | .4 | .3 | | | | | | | 243 | 243 | 250 | 41 |
| 76/ 75 | .2 | .8 | .7 | 1.3 | 1.3 | 1.1 | 1.1 | .8 | .1 | .1 | | | | | | | | 177 | 177 | 373 | 138 |
| 74/ 73 | .1 | .7 | .4 | 1.0 | .6 | .4 | .2 | .2 | .2 | | | | | | | | | 92 | 92 | 391 | 275 |
| 72/ 71 | .4 | .8 | .6 | .4 | .2 | .1 | .0 | .2 | .0 | | | | | | | | | 64 | 64 | 311 | 282 |
| 70/ 69 | .1 | .7 | .5 | .3 | .2 | .2 | | .1 | | | | | | | | | | 47 | 47 | 279 | 286 |
| 68/ 67 | | .2 | .2 | | | | | | | | | | | | | | | 8 | 8 | 227 | 247 |
| 66/ 65 | .0 | | | | .0 | | | | | | | | | | | | | 2 | 2 | 204 | 231 |
| 64/ 63 | | .0 | | | .0 | | | | | | | | | | | | | 2 | 2 | 111 | 175 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 73 | 184 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 28 | 133 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 11 | 121 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 82 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 60 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 57 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 17 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 17 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 20 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .8 | 3.8 | 5.7 | 10.6 | 11.4 | 12.2 | 14.6 | 14.2 | 11.6 | 6.9 | 5.2 | 2.2 | .8 | .1 | | | | 2386 | 2386 | 2386 | 2386 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 8985361 | 141445 | 59.3 | 15.865 | 2386 | | | | | | | |
| Dry Bulb | 16394890 | 197230 | 82.7 | 6.197 | 2386 | | | 92.8 | 88.2 | 63.6 | 5.0 | 93 |
| Wet Bulb | 12262182 | 170642 | 71.5 | 4.940 | 2386 | | | 76.3 | 44.5 | 2.5 | | 93 |
| Dew Point | 10514583 | 157481 | 66.0 | 7.108 | 2386 | | | 49.9 | 18.2 | .1 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUL MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | .1 | .0 | | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | .1 | | .0 | .0 | | | | | 4 | 4 | | |
| 98/ 97 | | | | | | | | | .0 | | .2 | .1 | .1 | | | | | 10 | 10 | | |
| 96/ 95 | | | | | | | | .1 | .1 | .2 | .4 | .3 | .1 | | | | | 31 | 31 | | |
| 94/ 93 | | | | | | | .1 | .3 | .4 | 1.0 | .8 | .6 | .2 | | | | | 79 | 79 | | |
| 92/ 91 | | | | | | .2 | .5 | 1.2 | 1.0 | .7 | .5 | .4 | .0 | | | | | 113 | 113 | | |
| 90/ 89 | | | | | .1 | .6 | 1.5 | 2.4 | 1.6 | 1.1 | .8 | .2 | .0 | .0 | | | | 205 | 205 | | |
| 88/ 87 | | | | .2 | .1 | 1.7 | 1.4 | 2.0 | 1.1 | .8 | .6 | .0 | .1 | .0 | | | | 193 | 193 | | |
| 86/ 85 | | | .1 | .3 | 1.6 | 1.4 | 2.2 | 1.5 | 2.0 | .6 | .5 | .1 | .0 | | | | | 251 | 251 | | |
| 84/ 83 | | | .1 | .5 | 1.5 | 1.5 | 1.8 | 1.6 | 1.5 | .9 | .4 | .1 | | | | | | 236 | 236 | | |
| 82/ 81 | | .1 | .5 | 1.5 | 1.8 | 1.4 | 1.6 | 1.7 | 1.0 | .7 | .3 | | | | | | | 255 | 255 | 28 | |
| 80/ 79 | | .1 | 1.2 | 2.1 | 1.7 | 1.2 | 1.5 | 1.2 | 1.0 | .6 | .2 | .0 | | | | | | 259 | 259 | 74 | 11 |
| 78/ 77 | .1 | .9 | 1.8 | 2.0 | 1.3 | 1.2 | 1.3 | 1.4 | .8 | .2 | .1 | | | | | | | 265 | 265 | 222 | 37 |
| 76/ 75 | .1 | 1.2 | 1.8 | 1.4 | .7 | 1.2 | .9 | .9 | .3 | | | | | | | | | 205 | 205 | 353 | 116 |
| 74/ 73 | .2 | 1.2 | .9 | 1.1 | .6 | .7 | .5 | .2 | .2 | | | | | | | | | 138 | 138 | 386 | 252 |
| 72/ 71 | .4 | 1.0 | 1.0 | .7 | .4 | .1 | | | | | | | | | | | | 86 | 87 | 366 | 281 |
| 70/ 69 | .0 | .7 | .5 | .2 | .3 | | | | | | | | | | | | | 42 | 42 | 302 | 306 |
| 68/ 67 | .1 | .7 | .0 | | .0 | | | | | | | | | | | | | 20 | 20 | 243 | 280 |
| 66/ 65 | .0 | | .1 | | .0 | | | | | | | | | | | | | 4 | 4 | 199 | 209 |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 131 | 197 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 76 | 190 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 21 | 156 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 3 | 119 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 88 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 61 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 47 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 28 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.0 | 5.9 | 8.0 | 10.1 | 10.3 | 11.1 | 13.2 | 14.6 | 11.1 | 6.9 | 4.9 | 2.0 | .8 | .1 | | | | 2404 | 2403 | | 2404 |
| | | | | | | | | | | | | | | | | | | 2404 | | 2404 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9452978 | 145208 | 60.4 | 16.805 | 2403 | | | | | | | |
| Dry Bulb | 16297096 | 197364 | 82.1 | 6.469 | 2405 | | | 92.7 | 86.9 | 58.7 | 4.9 | 93 |
| Wet Bulb | 12270238 | 171370 | 71.3 | 4.743 | 2404 | | | 76.4 | 41.1 | 1.9 | | 93 |
| Dew Point | 10554195 | 158439 | 65.9 | 6.829 | 2404 | | | 49.6 | 16.1 | .1 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | JUL 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 |
| 100/ 99 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | .0 | .0 | .0 | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | .0 | | | .0 | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | .0 | | .2 | .2 | .1 | .2 | .1 | | | | | | 20 | 20 | | |
| 90/ 89 | | | | | .1 | .1 | .3 | .5 | .5 | .2 | .0 | | | | | | | 39 | 39 | | |
| 88/ 87 | | | | .1 | .3 | .7 | 1.2 | .7 | .7 | .3 | .1 | | | | | | | 95 | 95 | | |
| 86/ 85 | | | .1 | .3 | .9 | 1.3 | 1.4 | .9 | .4 | .4 | .1 | .0 | | | | | | 140 | 140 | | |
| 84/ 83 | | .0 | .1 | .6 | 1.5 | 2.1 | 1.3 | 1.0 | .6 | .2 | .0 | .0 | | | | | | 181 | 181 | | |
| 82/ 81 | | | .7 | 1.9 | 1.8 | 1.5 | 1.4 | .8 | .5 | .2 | .1 | | | | | | | 212 | 212 | 8 | 1 |
| 80/ 79 | | .2 | 1.2 | 2.9 | 1.9 | 1.6 | 1.3 | .7 | .5 | .2 | .1 | | | | | | | 252 | 252 | 32 | 4 |
| 78/ 77 | .1 | 1.3 | 3.1 | 2.1 | 2.4 | 1.5 | 1.0 | 1.0 | .3 | .3 | .0 | | | | | | | 314 | 314 | 116 | 36 |
| 76/ 75 | .1 | 3.0 | 3.5 | 2.7 | 1.7 | 1.6 | 1.0 | .4 | .2 | .0 | | | | | | | | 340 | 340 | 262 | 83 |
| 74/ 73 | .4 | 2.5 | 2.9 | 1.8 | 1.5 | 1.5 | .9 | .4 | .2 | | | | | | | | | 289 | 289 | 386 | 244 |
| 72/ 71 | .5 | 1.8 | 1.9 | 1.5 | 1.9 | .8 | .4 | .2 | | | | | | | | | | 219 | 219 | 390 | 339 |
| 70/ 69 | .5 | 1.4 | 1.9 | 1.7 | 1.0 | .5 | .2 | .1 | | | | | | | | | | 174 | 174 | 337 | 316 |
| 68/ 67 | .3 | .8 | 1.0 | .7 | .3 | .2 | .0 | | | | | | | | | | | 82 | 82 | 277 | 286 |
| 66/ 65 | .0 | .3 | .3 | .4 | .1 | .0 | | | | | | | | | | | | 29 | 29 | 239 | 237 |
| 64/ 63 | | .1 | | .1 | | | | | | | | | | | | | | 5 | 5 | 180 | 203 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 98 | 185 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 52 | 165 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 18 | 111 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 77 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 39 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 27 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 21 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 11 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.0 | 11.5 | 16.6 | 16.9 | 15.4 | 13.5 | 10.3 | 6.8 | 4.0 | 1.9 | .8 | .3 | | | | | | | 2397 | | 2397 |
| | | | | | | | | | | | | | | | | | | 2397 | | 2397 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12435443 | 168621 | 70.3 | 15.471 | 2397 | | | | | | | |
| Dry Bulb | 14414038 | 185372 | 77.3 | 5.716 | 2397 | | | 91.7 | 73.3 | 32.0 | .2 | 93 |
| Wet Bulb | 11788220 | 167716 | 70.0 | 4.716 | 2397 | | | 70.1 | 31.2 | .7 | | 93 |
| Dew Point | 10604756 | 158710 | 66.2 | 6.338 | 2397 | | | 50.8 | 14.3 | .1 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) JUL (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 |
| 86/ 85 | | | | .0 | .1 | .2 | .1 | | | | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | .2 | .2 | .5 | .4 | .2 | .0 | | | | | | | | | | 36 | 36 | | |
| 82/ 81 | | .1 | .3 | 1.3 | 1.0 | .4 | .1 | .2 | | | | | | | | | | 83 | 83 | | |
| 80/ 79 | | .3 | 1.6 | 2.1 | 1.5 | .9 | .2 | .1 | .0 | | | | | | | | | 164 | 164 | 12 | 2 |
| 78/ 77 | .2 | 1.6 | 2.2 | 2.4 | 1.5 | .5 | .2 | .1 | .0 | | | | | | | | | 209 | 209 | 36 | 19 |
| 76/ 75 | .0 | 3.8 | 3.7 | 2.8 | 2.0 | .5 | .2 | .1 | | | | | | | | | | 318 | 318 | 164 | 69 |
| 74/ 73 | 1.0 | 7.0 | 3.7 | 2.6 | 1.7 | .7 | .2 | .2 | | | | | | | | | | 409 | 409 | 275 | 208 |
| 72/ 71 | 1.4 | 5.3 | 3.7 | 2.1 | 1.1 | .5 | .4 | .0 | | .0 | | | | | | | | 352 | 352 | 428 | 339 |
| 70/ 69 | 1.4 | 3.3 | 3.4 | 2.6 | 1.5 | .5 | .2 | | | | | | | | | | | 312 | 312 | 392 | 355 |
| 68/ 67 | .5 | 2.1 | 3.3 | 2.6 | 1.1 | .4 | .1 | | | | | | | | | | | 241 | 241 | 288 | 307 |
| 66/ 65 | .1 | 2.0 | 2.6 | .7 | .4 | .1 | .1 | | | | | | | | | | | 146 | 146 | 236 | 245 |
| 64/ 63 | .1 | 1.0 | 1.3 | .5 | .2 | .2 | .0 | | | | | | | | | | | 80 | 81 | 223 | 221 |
| 62/ 61 | | .3 | .7 | .2 | .1 | | | | | | | | | | | | | 32 | 33 | 171 | 192 |
| 60/ 59 | .0 | .2 | .0 | .1 | | | | | | | | | | | | | | 9 | 9 | 112 | 149 |
| 58/ 57 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 37 | 131 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 22 | 73 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 5 | 37 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 13 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.7 | 27.2 | 26.8 | 20.4 | 12.8 | 5.0 | 2.2 | .8 | .1 | .0 | | | | | | | | | 2404 | | 2402 |
| | | | | | | | | | | | | | | | | | | 2402 | | 2402 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16089402 | 194498 | 81.0 | 11.904 | 2402 | | | | | | | |
| Dry Bulb | 12710962 | 174412 | 72.6 | 4.881 | 2404 | | | 82.6 | 47.5 | 8.5 | | 93 |
| Wet Bulb | 11270627 | 164113 | 68.3 | 4.909 | 2402 | | | 61.8 | 18.9 | .1 | | 93 |
| Dew Point | 10580053 | 158767 | 66.1 | 5.981 | 2402 | | | 50.3 | 11.5 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | | | | | | | | | | | | 5 | 5 | | |
| 82/ 81 | | | .1 | .2 | .0 | .0 | .0 | | | | | | | | | | | 10 | 10 | | |
| 80/ 79 | | .0 | .6 | .2 | .1 | | .0 | | | | | | | | | | | 24 | 24 | | |
| 78/ 77 | .0 | 1.7 | 1.3 | .4 | .0 | | | | | | | | | | | | | 83 | 83 | 7 | |
| 76/ 75 | .4 | 3.9 | 2.3 | 1.3 | .3 | .1 | | .0 | | | | | | | | | | 200 | 200 | 102 | 58 |
| 74/ 73 | .9 | 6.7 | 4.4 | 1.1 | .6 | .1 | .0 | | | | | | | | | | | 335 | 335 | 184 | 142 |
| 72/ 71 | 1.3 | 8.7 | 3.8 | 1.7 | .5 | | | | | | | | | | | | | 385 | 385 | 315 | 264 |
| 70/ 69 | 2.0 | 7.1 | 4.2 | 1.2 | .7 | .1 | .0 | | | | | | | | | | | 372 | 373 | 381 | 325 |
| 68/ 67 | .5 | 6.2 | 3.2 | 1.1 | .5 | | | | | | | | | | | | | 277 | 278 | 310 | 307 |
| 66/ 65 | .6 | 4.6 | 2.8 | 1.0 | .5 | | | | | | | | | | | | | 230 | 230 | 288 | 282 |
| 64/ 63 | .6 | 2.9 | 1.5 | 1.3 | .1 | .0 | | | | | | | | | | | | 157 | 157 | 239 | 263 |
| 62/ 61 | .2 | 2.4 | 2.0 | .9 | | | | | | | | | | | | | | 135 | 135 | 174 | 189 |
| 60/ 59 | .1 | 1.3 | 2.0 | .9 | .2 | | | | | | | | | | | | | 109 | 109 | 131 | 155 |
| 58/ 57 | | .8 | 1.5 | .2 | .1 | | | | | | | | | | | | | 64 | 64 | 118 | 109 |
| 56/ 55 | .0 | .2 | .5 | .1 | | | | | | | | | | | | | | 21 | 21 | 92 | 114 |
| 54/ 53 | | .1 | | .0 | | | | | | | | | | | | | | 3 | 3 | 50 | 96 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 15 | 52 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 4 | 33 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 12 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 3 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.8 | 46.7 | 30.3 | 11.6 | 3.7 | .5 | .2 | .0 | | | | | | | | | | 2410 | 2412 | 2410 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18353450 | 209224 | 86.8 | 8.873 | 2410 | | | | | | | |
| Dry Bulb | 11536032 | 166322 | 69.0 | 5.276 | 2412 | | | 65.3 | 25.3 | .9 | | 93 |
| Wet Bulb | 10662664 | 159732 | 66.3 | 5.610 | 2410 | | | 50.1 | 11.3 | | | 93 |
| Dew Point | 10204981 | 156075 | 64.8 | 6.357 | 2410 | | | 42.3 | 7.7 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | .2 | .2 | .0 | | | | | | | | | | | | | 12 | 12 | | |
| 78/ 77 | .0 | 1.4 | .7 | .2 | .1 | | | | | | | | | | | | | 60 | 60 | 2 | 1 |
| 76/ 75 | .3 | 4.0 | 1.5 | .1 | .1 | | | | | | | | | | | | | 143 | 143 | 70 | 36 |
| 74/ 73 | .7 | 6.9 | 2.3 | .8 | .2 | .2 | | | | | | | | | | | | 269 | 269 | 171 | 139 |
| 72/ 71 | 2.2 | 8.2 | 2.1 | .8 | .3 | | | | | | | | | | | | | 327 | 327 | 287 | 256 |
| 70/ 69 | 2.2 | 7.7 | 3.1 | 1.5 | .2 | | | | | | | | | | | | | 353 | 356 | 334 | 318 |
| 68/ 67 | 1.9 | 7.4 | 3.2 | 1.0 | .1 | .2 | | | | | | | | | | | | 331 | 334 | 293 | 276 |
| 66/ 65 | 1.2 | 6.1 | 2.2 | .5 | .2 | .0 | | | | | | | | | | | | 245 | 245 | 307 | 263 |
| 64/ 63 | .6 | 4.1 | 2.0 | .6 | .0 | | | | | | | | | | | | | 177 | 177 | 245 | 235 |
| 62/ 61 | .5 | 3.0 | 2.0 | .5 | .0 | | | | | | | | | | | | | 164 | 164 | 176 | 219 |
| 60/ 59 | .3 | 3.0 | 1.7 | .5 | | | | | | | | | | | | | | 132 | 132 | 156 | 174 |
| 58/ 57 | .2 | 1.5 | 1.2 | .3 | .1 | | | | | | | | | | | | | 80 | 80 | 139 | 134 |
| 56/ 55 | .0 | 1.4 | 1.3 | .2 | .0 | | | | | | | | | | | | | 70 | 70 | 81 | 116 |
| 54/ 53 | | .6 | .5 | .0 | .0 | | | | | | | | | | | | | 28 | 28 | 75 | 81 |
| 52/ 51 | .0 | .2 | .2 | .0 | | | | | | | | | | | | | | 12 | 12 | 47 | 68 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 15 | 50 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10.2 | 56.4 | 24.0 | 7.4 | 1.5 | .4 | | | | | | | | | | | | 2404 | 2410 | 2404 | 2404 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | > 80 F | < 93 F | Total |
| Rel. Hum. | 19235833 | 214179 | 89.1 | 8.006 | 2404 | | | | | | | |
| Dry Bulb | 11078727 | 162827 | 67.6 | 5.677 | 2410 | | | 58.0 | 18.7 | .3 | | 93 |
| Wet Bulb | 10373441 | 157255 | 65.4 | 6.009 | 2404 | | | 44.8 | 9.4 | | | 93 |
| Dew Point | 10003225 | 154245 | 64.2 | 6.660 | 2404 | | | 39.7 | 6.8 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | AUG MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | .0 | .1 | | | .0 | | | | | | | | | | 4 | 4 | | |
| 84/ 83 | | | | .4 | .1 | .1 | | | | | | | | | | | | 14 | 14 | | |
| 82/ 81 | | | .3 | .8 | .3 | .3 | | | | | | | | | | | | 38 | 38 | | |
| 80/ 79 | | .4 | 1.7 | 1.1 | .6 | .1 | .1 | | | | | | | | | | | 96 | 96 | 2 | |
| 78/ 77 | .0 | 1.8 | 2.3 | 1.3 | .5 | .3 | .2 | | | .0 | | | | | | | | 152 | 152 | 39 | 12 |
| 76/ 75 | .2 | 4.3 | 3.5 | 1.7 | .8 | .6 | .2 | | | | | | | | | | | 272 | 272 | 138 | 73 |
| 74/ 73 | .8 | 5.8 | 3.7 | 2.3 | .7 | .6 | .2 | | | | | | | | | | | 338 | 338 | 243 | 186 |
| 72/ 71 | 1.6 | 6.7 | 3.1 | 2.0 | 1.0 | .4 | .1 | | | | | | | | | | | 357 | 359 | 340 | 304 |
| 70/ 69 | 1.2 | 5.2 | 3.5 | 2.5 | 1.1 | .5 | .1 | | | | | | | | | | | 339 | 340 | 325 | 294 |
| 68/ 67 | .3 | 4.8 | 3.3 | 1.2 | .8 | .4 | .0 | | | | | | | | | | | 260 | 260 | 292 | 289 |
| 66/ 65 | .4 | 3.0 | 2.5 | 1.5 | .5 | .3 | | | | | | | | | | | | 198 | 198 | 279 | 246 |
| 64/ 63 | .2 | 2.1 | 1.6 | 1.0 | .3 | .0 | | | | | | | | | | | | 127 | 127 | 232 | 225 |
| 62/ 61 | .0 | 1.3 | .8 | .5 | .1 | .1 | | | | | | | | | | | | 70 | 70 | 173 | 206 |
| 60/ 59 | .2 | 1.3 | 1.1 | .4 | | | | | | | | | | | | | | 71 | 71 | 133 | 157 |
| 58/ 57 | | .6 | .2 | .3 | | | | | | | | | | | | | | 25 | 25 | 96 | 139 |
| 56/ 55 | | .5 | .5 | .1 | .0 | .0 | | | | | | | | | | | | 28 | 28 | 47 | 85 |
| 54/ 53 | | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 8 | 8 | 38 | 74 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 16 | 50 |
| 50/ 49 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 1 | 39 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 3 | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 5.0 | 37.8 | 28.1 | 17.3 | 7.0 | 3.8 | .9 | .0 | | .0 | | | | | | | | 2399 | 2402 | 2399 | 2399 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17106763 | 200907 | 83.7 | 10.836 | 2399 | | | | | | | |
| Dry Bulb | 12015788 | 169362 | 70.5 | 5.562 | 2402 | | | 72.5 | 35.4 | 3.6 | | 93 |
| Wet Bulb | 10867494 | 160888 | 67.1 | 5.689 | 2399 | | | 53.5 | 16.4 | | | 93 |
| Dew Point | 10284361 | 156281 | 65.1 | 6.571 | 2399 | | | 44.9 | 10.5 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 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 |
| 94/ 93 | | | | | | | | | .1 | .0 | | | | | | | | 4 | 4 | | |
| 92/ 91 | | | | | | | .2 | .2 | .1 | .1 | | | | | | | | 12 | 12 | | |
| 90/ 89 | | | | | .0 | .4 | .7 | .5 | .2 | .2 | .1 | | | | | | | 50 | 50 | | |
| 88/ 87 | | | | .1 | .4 | 1.3 | 1.0 | .5 | .2 | .1 | | | | | | | | 84 | 84 | | |
| 86/ 85 | | | | .2 | 1.3 | 1.7 | .9 | .9 | .2 | .3 | | | | | | | | 136 | 136 | | |
| 84/ 83 | | | | 1.4 | 2.4 | 1.9 | 1.2 | 1.0 | .3 | .0 | .1 | | | | | | | 203 | 203 | | |
| 82/ 81 | | | 1.0 | 2.9 | 2.5 | 1.9 | 1.2 | .9 | .5 | .1 | .0 | | | | | | | 267 | 267 | 4 | |
| 80/ 79 | | .2 | 1.5 | 3.4 | 2.2 | 2.3 | 1.4 | 1.0 | .5 | .4 | | | | | | | | 312 | 312 | 48 | 3 |
| 78/ 77 | | .7 | 2.4 | 2.5 | 2.4 | 2.3 | 1.7 | .7 | .5 | .0 | | | | | | | | 322 | 322 | 197 | 32 |
| 76/ 75 | | 1.0 | 2.7 | 2.3 | 2.5 | 2.7 | 1.3 | 1.0 | .2 | | | | | | | | | 331 | 332 | 268 | 138 |
| 74/ 73 | .2 | 1.2 | 1.4 | 1.9 | 2.3 | 1.8 | 1.1 | .9 | .4 | .0 | | | | | | | | 272 | 272 | 326 | 253 |
| 72/ 71 | .1 | .8 | .9 | 1.0 | 1.5 | 1.2 | 1.0 | .3 | .0 | | | | | | | | | 166 | 166 | 313 | 295 |
| 70/ 69 | .1 | 1.5 | .9 | 1.1 | .7 | .7 | .8 | .2 | | | | | | | | | | 146 | 146 | 296 | 275 |
| 68/ 67 | .0 | .5 | .3 | .4 | .5 | .6 | .1 | .0 | | | | | | | | | | 58 | 58 | 280 | 225 |
| 66/ 65 | .1 | .3 | .3 | .2 | .2 | .2 | .1 | | | | | | | | | | | 33 | 33 | 252 | 217 |
| 64/ 63 | | .3 | | | .0 | .0 | .0 | | | | | | | | | | | 10 | 10 | 166 | 216 |
| 62/ 61 | | .1 | | .1 | .0 | | | | | | | | | | | | | 5 | 5 | 129 | 186 |
| 60/ 59 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | 80 | 170 |
| 58/ 57 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | 35 | 103 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 13 | 96 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 66 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 61 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 1 | 37 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 17 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 15 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .6 | 6.6 | 11.4 | 17.7 | 19.1 | 19.1 | 12.6 | 8.2 | 3.1 | 1.4 | .2 | | | | | | | 2414 | 2415 | | 2414 |
| | | | | | | | | | | | | | | | | | | | | 2414 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | > 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11475642 | 163064 | 67.5 | 13.819 | 2414 | | | | | | | |
| Dry Bulb | 14662039 | 187693 | 77.7 | 5.589 | 2415 | | | 91.0 | 76.8 | 35.6 | .2 | 93 |
| Wet Bulb | 11800105 | 168269 | 69.7 | 5.418 | 2414 | | | 66.7 | 32.5 | .6 | | 93 |
| Dew Point | 10498695 | 158253 | 65.6 | 7.175 | 2414 | | | 47.0 | 16.4 | .1 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — AUG MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | | .1 | | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | | .1 | | | | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | .1 | .3 | .2 | .2 | .0 | | | | | | 17 | 17 | | |
| 94/ 93 | | | | | | | .1 | .4 | .4 | .5 | .1 | .1 | .0 | | | | | 38 | 38 | | |
| 92/ 91 | | | | .0 | | | .6 | 1.1 | .8 | .5 | .3 | .0 | | | | | | 79 | 79 | | |
| 90/ 89 | | | | | .1 | .8 | 1.2 | 2.1 | 1.0 | .9 | .1 | .2 | | | | | | 151 | 151 | | |
| 88/ 87 | | | | .1 | .5 | 1.0 | 2.0 | 1.8 | 1.2 | .8 | .4 | | .0 | | | | | 186 | 186 | | |
| 86/ 85 | | | | .4 | 1.6 | 1.9 | 2.3 | 1.9 | 1.2 | .7 | .4 | .0 | | | | | | 249 | 249 | 1 | |
| 84/ 83 | | | .2 | .8 | 2.2 | 2.1 | 2.4 | 1.5 | .9 | .2 | .1 | | | | | | | 250 | 250 | | 1 |
| 82/ 81 | | | .7 | 1.5 | 2.1 | 1.7 | 2.0 | 1.9 | 1.3 | .6 | .1 | .1 | | | | | | 288 | 288 | 16 | |
| 80/ 79 | | .1 | .9 | 2.1 | 1.5 | 2.0 | 2.0 | 1.3 | .9 | .5 | | | | | | | | 270 | 270 | 95 | 4 |
| 78/ 77 | | .5 | 1.3 | 1.1 | 1.3 | 1.7 | 2.3 | 2.3 | 1.3 | .2 | .1 | | | | | | | 288 | 288 | 222 | 48 |
| 76/ 75 | .0 | .4 | 1.4 | 1.3 | 1.6 | 1.9 | 1.2 | 1.1 | 1.3 | .2 | .0 | | | | | | | 251 | 251 | 293 | 112 |
| 74/ 73 | .0 | .7 | .9 | .8 | .9 | 1.0 | .8 | .8 | .4 | .1 | | | | | | | | 153 | 153 | 343 | 208 |
| 72/ 71 | .2 | .7 | .7 | .3 | .4 | .4 | .5 | .3 | .1 | | | | | | | | | 87 | 87 | 293 | 287 |
| 70/ 69 | .2 | .6 | .2 | .2 | .1 | .2 | .1 | .1 | | | | | | | | | | 41 | 41 | 307 | 264 |
| 68/ 67 | .2 | .3 | .2 | .2 | .0 | .1 | .1 | .1 | | | | | | | | | | 30 | 30 | 264 | 261 |
| 66/ 65 | | .3 | .2 | | | .1 | .0 | | | | | | | | | | | 13 | 13 | 209 | 207 |
| 64/ 63 | | .1 | .0 | | | .0 | | | | | | | | | | | | 4 | 4 | 159 | 200 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 99 | 206 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 65 | 142 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 25 | 125 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 7 | 94 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 76 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 60 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 46 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 29 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 19 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 7 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .7 | 3.5 | 6.6 | 9.0 | 12.4 | 14.9 | 17.7 | 16.5 | 10.9 | 5.4 | 1.8 | .5 | .1 | .1 | | | | 2400 | 2400 | 2400 | 2400 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 9191046 | 144284 | 60.1 | 14.679 | 2400 |
| Dry Bulb | 15854277 | 194523 | 81.1 | 6.055 | 2400 |
| Wet Bulb | 12007681 | 169275 | 70.5 | 5.344 | 2400 |
| Dew Point | 10305962 | 156268 | 65.1 | 7.392 | 2400 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 92.3 | 86.2 | 54.7 | 2.3 | 93 |
| Wet Bulb | | | 71.1 | 37.6 | 2.0 | | 93 |
| Dew Point | | | 45.9 | 14.5 | .0 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (YEARS) AUG (MONTH)

PAGE 1 1500-1700 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .1 | .0 | .0 | | | | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | .2 | .1 | .2 | | | | | | | 13 | 13 | | |
| 94/ 93 | | | | | | | | .3 | .3 | .3 | .0 | .2 | | | | | | 27 | 27 | | |
| 92/ 91 | | | | | | .0 | .5 | .9 | .8 | .5 | .1 | .0 | | | | | | 68 | 68 | | |
| 90/ 89 | | | | .0 | .1 | .3 | 1.2 | 1.4 | .7 | .7 | .2 | .0 | | | | | | 113 | 113 | | |
| 88/ 87 | | | | | .2 | .8 | 1.8 | 1.5 | 1.6 | .4 | .2 | .2 | | .0 | | | | 161 | 161 | | |
| 86/ 85 | | | | .4 | .7 | 2.1 | 1.9 | 1.7 | 1.0 | .9 | .2 | | | | | | | 218 | 218 | | |
| 84/ 83 | | | .2 | 1.2 | 1.9 | 2.3 | 2.1 | 1.2 | 1.1 | .7 | .2 | | | | | | | 262 | 262 | 1 | 1 |
| 82/ 81 | | | .9 | 1.7 | 2.2 | 2.2 | 2.1 | 1.6 | 1.5 | .4 | .1 | .1 | | | | | | 307 | 307 | 7 | |
| 80/ 79 | | .2 | 1.4 | 2.2 | 1.8 | 2.0 | 2.2 | 1.6 | 1.0 | .4 | | | | | | | | 307 | 307 | 64 | 5 |
| 78/ 77 | | .4 | 1.6 | 1.5 | 2.1 | 1.8 | 1.9 | 1.6 | 1.5 | .2 | .1 | | | | | | | 306 | 306 | 209 | 27 |
| 76/ 75 | | 1.1 | 1.5 | 1.7 | 1.5 | 1.9 | 1.5 | 1.3 | .8 | .3 | | | | | | | | 277 | 278 | 293 | 113 |
| 74/ 73 | .2 | .5 | 1.0 | .9 | 1.1 | 1.2 | .9 | 1.0 | .3 | .0 | | | | | | | | 170 | 170 | 361 | 207 |
| 72/ 71 | .2 | .8 | .4 | .5 | .5 | .2 | .4 | .2 | .2 | | | | | | | | | 82 | 82 | 329 | 296 |
| 70/ 69 | .0 | .5 | .6 | .3 | .2 | .0 | .3 | .1 | .1 | | | | | | | | | 53 | 53 | 288 | 269 |
| 68/ 67 | | .5 | .2 | .2 | | .0 | .2 | .0 | | | | | | | | | | 28 | 28 | 274 | 249 |
| 66/ 65 | | .2 | | | | | | | | | | | | | | | | 6 | 6 | 236 | 257 |
| 64/ 63 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 150 | 182 |
| 62/ 61 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 106 | 171 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 59 | 167 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 22 | 143 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 9 | 100 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 64 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 60 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 39 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 26 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 22 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 9 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 4.3 | 7.9 | 10.6 | 12.3 | 14.9 | 17.0 | 14.4 | 11.1 | 5.0 | 1.5 | .6 | | .0 | | | | | 2409 | | 2408 |
| | | | | | | | | | | | | | | | | | | 2408 | | 2408 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9550816 | 147234 | 61.1 | 15.094 | 2408 | | | | | | | |
| Dry Bulb | 15697861 | 193961 | 80.5 | 5.802 | 2409 | | | 92.5 | 86.2 | 51.7 | 1.7 | 93 |
| Wet Bulb | 11978402 | 169380 | 70.3 | 5.161 | 2408 | | | 70.5 | 36.1 | 1.2 | | 93 |
| Dew Point | 10325955 | 156713 | 65.1 | 7.265 | 2408 | | | 45.1 | 13.6 | .1 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,51-72 YEARS | AUG MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | .0 | .2 | .0 | .1 | .0 | .0 | | | | | | | 11 | 11 | | |
| 88/ 87 | | | | .0 | .0 | .4 | .3 | .2 | .1 | | | | | | | | | 25 | 25 | | |
| 86/ 85 | | | | .2 | .7 | .6 | .5 | .2 | .2 | | .1 | | | | | | | 62 | 62 | | |
| 84/ 83 | | | .0 | 1.0 | 1.1 | 1.6 | .9 | .5 | .2 | .2 | | | | | | | | 133 | 133 | | |
| 82/ 81 | | .0 | .5 | 1.5 | 1.6 | 1.2 | .5 | .5 | .2 | .1 | | | | | | | | 150 | 150 | 1 | |
| 80/ 79 | | .2 | 2.4 | 2.7 | 2.3 | 1.6 | 1.0 | .7 | .2 | .0 | | | | | | | | 269 | 269 | 13 | 1 |
| 78/ 77 | | 2.0 | 2.8 | 2.5 | 2.1 | 1.0 | .9 | .5 | .2 | | | | | | | | | 288 | 288 | 96 | 18 |
| 76/ 75 | .1 | 2.7 | 3.0 | 2.8 | 2.1 | 1.8 | 1.0 | .6 | .1 | .0 | | | | | | | | 363 | 363 | 238 | 114 |
| 74/ 73 | .3 | 3.0 | 3.6 | 2.9 | 2.2 | 1.2 | 1.1 | .4 | .1 | | | | | | | | | 355 | 355 | 301 | 206 |
| 72/ 71 | .3 | 1.6 | 3.0 | 2.6 | 1.7 | 1.0 | .7 | .2 | .2 | | | | | | | | | 275 | 275 | 353 | 298 |
| 70/ 69 | .4 | .8 | 2.5 | 1.7 | 1.2 | 1.1 | .6 | | | | | | | | | | | 199 | 199 | 343 | 286 |
| 68/ 67 | | 1.1 | 1.2 | 1.2 | 1.4 | .5 | .2 | .1 | | | | | | | | | | 140 | 140 | 266 | 274 |
| 66/ 65 | .0 | .8 | .8 | .9 | .7 | .3 | .2 | | | | | | | | | | | 92 | 92 | 274 | 243 |
| 64/ 63 | .1 | .0 | .2 | .5 | .1 | .0 | .0 | | | | | | | | | | | 24 | 24 | 184 | 204 |
| 62/ 61 | | .4 | .1 | .2 | .0 | | | | | | | | | | | | | 19 | 19 | 149 | 194 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 111 | 156 |
| 58/ 57 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 54 | 119 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 17 | 105 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 7 | 83 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 52 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 25 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 15 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.3 | 13.0 | 21.0 | 20.7 | 17.4 | 12.3 | 8.1 | 4.0 | 1.7 | .4 | .1 | | | | | | | 2408 | 2408 | | 2408 |
| | | | | | | | | | | | | | | | | | | 2408 | | 2408 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13256980 | 175580 | 72.9 | 13.742 | 2408 | | | | | | | |
| Dry Bulb | 13663474 | 180928 | 75.1 | 5.343 | 2408 | | | 87.7 | 64.0 | 20.1 | | 93 |
| Wet Bulb | 11451888 | 165578 | 68.8 | 5.255 | 2408 | | | 62.2 | 25.1 | .2 | | 93 |
| Dew Point | 10400346 | 157402 | 65.4 | 6.808 | 2408 | | | 46.2 | 13.1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,51-72 YEARS — AUG MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | | .1 | .2 | .1 | | | | | | | | | | | | 10 | 10 | | |
| 82/ 81 | | | .3 | .7 | .3 | .1 | .1 | | | | | | | | | | | 36 | 36 | | |
| 80/ 79 | | .2 | 1.0 | 1.0 | .4 | .2 | .2 | | | | | | | | | | | 71 | 71 | 1 | |
| 78/ 77 | | 1.6 | 3.1 | 2.0 | .8 | .2 | | .1 | | | | | | | | | | 189 | 189 | 21 | 8 |
| 76/ 75 | .5 | 3.6 | 4.2 | 2.4 | 1.1 | .1 | .4 | .1 | | | | | | | | | | 299 | 299 | 125 | 49 |
| 74/ 73 | .4 | 5.0 | 5.4 | 2.3 | 1.2 | .4 | .1 | | | | | | | | | | | 355 | 355 | 236 | 184 |
| 72/ 71 | .6 | 6.0 | 5.5 | 2.4 | 1.3 | .5 | .1 | | | | | | | | | | | 398 | 398 | 358 | 266 |
| 70/ 69 | 1.0 | 4.2 | 3.7 | 3.4 | 1.2 | .3 | .0 | | | | | | | | | | | 334 | 334 | 360 | 347 |
| 68/ 67 | .2 | 3.1 | 3.6 | 1.2 | .9 | .1 | | | | | | | | | | | | 221 | 221 | 313 | 296 |
| 66/ 65 | .2 | 2.7 | 2.5 | 1.8 | 1.2 | .1 | .0 | | | | | | | | | | | 204 | 204 | 259 | 264 |
| 64/ 63 | .0 | 1.5 | 1.3 | 2.0 | .5 | .1 | .0 | | | | | | | | | | | 133 | 133 | 257 | 220 |
| 62/ 61 | .1 | .5 | 1.5 | 1.5 | .3 | .1 | | | | | | | | | | | | 95 | 95 | 151 | 212 |
| 60/ 59 | | .7 | 1.0 | .3 | .1 | | | | | | | | | | | | | 52 | 52 | 120 | 138 |
| 58/ 57 | .0 | .1 | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 130 | 120 |
| 56/ 55 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 55 | 123 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 16 | 104 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 9 | 42 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 22 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 9 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 4 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.1 | 29.2 | 33.3 | 21.5 | 9.4 | 2.3 | 1.0 | .2 | | | | | | | | | | 2411 | 2411 | 2411 | 2411 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16526411 | 193043 | 82.1 | 10.364 | 2411 | | | | | | | |
| Dry Bulb | 12182037 | 170949 | 70.9 | 5.035 | 2411 | | | 73.8 | 37.1 | 2.9 | | 93 |
| Wet Bulb | 10924754 | 161780 | 67.1 | 5.358 | 2411 | | | 54.5 | 14.8 | | | 93 |
| Dew Point | 10283457 | 156715 | 65.0 | 6.344 | 2411 | | | 44.4 | 9.3 | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-46,50-72 YEARS — SEP MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .1 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | | |
| 78/ 77 | | .5 | .8 | | .1 | | | | | | | | | | | | | 35 | 35 | 2 | |
| 76/ 75 | .3 | 1.4 | 1.5 | .5 | .0 | .0 | | | | | | | | | | | | 89 | 89 | 33 | 16 |
| 74/ 73 | .3 | 2.4 | 1.9 | .6 | .2 | .0 | | | | | | | | | | | | 133 | 133 | 85 | 61 |
| 72/ 71 | .6 | 4.6 | 2.0 | .3 | .2 | | | | | | | | | | | | | 184 | 184 | 126 | 101 |
| 70/ 69 | 1.4 | 5.6 | 2.7 | .8 | .1 | | | .0 | | | | | | | | | | 255 | 255 | 216 | 194 |
| 68/ 67 | 1.2 | 4.3 | 2.7 | .5 | .2 | .1 | .0 | | | | | | | | | | | 215 | 215 | 236 | 225 |
| 66/ 65 | .7 | 4.5 | 2.3 | .7 | .4 | .2 | | | | | | | | | | | | 208 | 208 | 169 | 168 |
| 64/ 63 | .7 | 4.3 | 2.3 | .7 | .2 | .1 | | | | | | | | | | | | 198 | 201 | 216 | 177 |
| 62/ 61 | .7 | 3.6 | 2.8 | 1.1 | .3 | | | | | | | | | | | | | 200 | 201 | 191 | 197 |
| 60/ 59 | .5 | 4.7 | 2.5 | 1.2 | .3 | .2 | | | | | | | | | | | | 225 | 225 | 185 | 176 |
| 58/ 57 | .2 | 3.8 | 2.3 | .6 | .2 | | | | | | | | | | | | | 167 | 167 | 194 | 178 |
| 56/ 55 | .3 | 2.8 | 2.3 | 1.1 | | | | | | | | | | | | | | 156 | 156 | 182 | 168 |
| 54/ 53 | .1 | 2.2 | 2.0 | .5 | | .0 | | | | | | | | | | | | 117 | 117 | 158 | 151 |
| 52/ 51 | .1 | 1.6 | 1.0 | .5 | .0 | | | | | | | | | | | | | 80 | 80 | 147 | 137 |
| 50/ 49 | .0 | .9 | .8 | .2 | | .0 | | | | | | | | | | | | 49 | 49 | 92 | 126 |
| 48/ 47 | .1 | .8 | .6 | .1 | .0 | | | | | | | | | | | | | 40 | 40 | 61 | 118 |
| 46/ 45 | .0 | .5 | .5 | .0 | | | | | | | | | | | | | | 25 | 25 | 45 | 67 |
| 44/ 43 | | .2 | .3 | | | | | | | | | | | | | | | 11 | 11 | 33 | 44 |
| 42/ 41 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 16 | 37 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 7 | 22 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 7.4 | 48.7 | 31.4 | 9.5 | 2.2 | .8 | .0 | .0 | | | | | | | | | | | 2398 | | 2394 |
| | | | | | | | | | | | | | | | | | | 2394 | | 2394 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18089762 | 206918 | 86.4 | 9.266 | 2394 | | | | | | | |
| Dry Bulb | 9751792 | 151852 | 63.3 | 7.528 | 2398 | | | 34.4 | 9.8 | | | 90 |
| Wet Bulb | 8996214 | 149546 | 60.8 | 7.853 | 2394 | | | 26.2 | 4.5 | | | 90 |
| Dew Point | 8540546 | 141454 | 59.1 | 8.732 | 2394 | | .1 | 22.4 | 2.9 | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 YEARS | SEP MONT.

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 78/ 77 | | .3 | .1 | | | | | | | | | | | | | | | 11 | 11 | | |
| 76/ 75 | .3 | 2.1 | 1.0 | .1 | | .0 | | | | | | | | | | | | 84 | 84 | 26 | 12 |
| 74/ 73 | .3 | 2.5 | 1.0 | .1 | | .0 | .0 | | | | | | | | | | | 94 | 94 | 77 | 62 |
| 72/ 71 | .7 | 4.8 | 1.0 | .1 | .0 | | | | | | | | | | | | | 159 | 159 | 121 | 110 |
| 70/ 69 | 1.6 | 6.1 | 1.6 | .1 | .0 | .0 | | | | | | | | | | | | 227 | 227 | 195 | 174 |
| 68/ 67 | 1.8 | 6.0 | 2.3 | .4 | .1 | | | | | | | | | | | | | 253 | 253 | 222 | 212 |
| 66/ 65 | .8 | 3.6 | 1.3 | .6 | .3 | | | | | | | | | | | | | 169 | 172 | 188 | 181 |
| 64/ 63 | 1.1 | 4.5 | 1.2 | .4 | .7 | .0 | | | | | | | | | | | | 178 | 178 | 171 | 156 |
| 62/ 61 | .9 | 4.6 | 1.3 | .3 | .3 | | | | | | | | | | | | | 179 | 180 | 180 | 168 |
| 60/ 59 | .9 | 5.4 | 1.7 | .5 | .3 | | | | | | | | | | | | | 211 | 211 | 169 | 171 |
| 58/ 57 | 1.0 | 4.5 | 2.2 | .5 | .3 | | | | | | | | | | | | | 202 | 202 | 213 | 168 |
| 56/ 55 | .5 | 4.1 | 1.8 | .7 | .1 | | | | | | | | | | | | | 171 | 171 | 162 | 186 |
| 54/ 53 | .3 | 3.3 | 1.9 | .7 | | | | | | | | | | | | | | 151 | 151 | 169 | 141 |
| 52/ 51 | .3 | 3.1 | 1.1 | .1 | .0 | | | | | | | | | | | | | 110 | 110 | 158 | 150 |
| 50/ 49 | .3 | 1.5 | 1.0 | .2 | | | | | | | | | | | | | | 70 | 70 | 134 | 133 |
| 48/ 47 | .1 | 1.3 | .6 | | .0 | | | | | | | | | | | | | 49 | 49 | 72 | 121 |
| 46/ 45 | .1 | .8 | .9 | .1 | | | | | | | | | | | | | | 44 | 44 | 46 | 95 |
| 44/ 43 | | .4 | .5 | .0 | | | | | | | | | | | | | | 23 | 23 | 47 | 57 |
| 42/ 41 | | .2 | .2 | | | | | | | | | | | | | | | 8 | 8 | 25 | 29 |
| 40/ 39 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 13 | 24 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 7 | 28 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 9 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 10.9 | 59.3 | 23.1 | 4.9 | 1.6 | .2 | .0 | | | | | | | | | | | | 400 | | 2396 |
| | | | | | | | | | | | | | | | | | | 2396 | | 2396 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19066188 | 212754 | 88.8 | 8.538 | 2396 | | | | | | | |
| Dry Bulb | 9355868 | 148646 | 61.9 | 7.890 | 2400 | | | 31.1 | 7.1 | | | 90 |
| Wet Bulb | 8762445 | 143543 | 59.9 | 8.246 | 2396 | | | 24.1 | 3.9 | | | 90 |
| Dew Point | 8397331 | 140185 | 58.5 | 9.032 | 2396 | | .2 | 21.4 | 2.8 | | | 90 |

USAFETAC FORM 0-26-5 (OL A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 YEARS | SEP MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .0 | .3 | .1 | | | | | | | | | | | | | 10 | 10 | | |
| 80/ 79 | | | .3 | .2 | .1 | .1 | | | | | | | | | | | | 19 | 19 | | |
| 78/ 77 | | .8 | 1.2 | .5 | .1 | | .1 | | | | | | | | | | | 63 | 63 | 6 | 2 |
| 76/ 75 | .1 | 2.0 | 1.5 | .3 | .2 | | | | | | | | | | | | | 99 | 99 | 48 | 21 |
| 74/ 73 | .4 | 3.1 | 1.5 | .6 | .1 | .1 | | | | | | | | | | | | 139 | 139 | 105 | 86 |
| 72/ 71 | .8 | 3.7 | 1.8 | .5 | .5 | .1 | | | | | | | | | | | | 175 | 175 | 155 | 143 |
| 70/ 69 | 1.3 | 4.8 | 2.3 | 1.1 | .3 | .1 | | | | | | | | | | | | 237 | 238 | 194 | 172 |
| 68/ 67 | 1.0 | 4.5 | 3.0 | .8 | .8 | .2 | | | | | | | | | | | | 243 | 245 | 202 | 183 |
| 66/ 65 | .6 | 3.8 | 3.1 | 1.3 | .7 | .4 | .0 | | | | | | | | | | | 238 | 239 | 185 | 168 |
| 64/ 63 | .7 | 4.0 | 2.1 | 1.4 | .6 | .1 | | | | | | | | | | | | 213 | 214 | 213 | 169 |
| 62/ 61 | .3 | 4.0 | 1.8 | 1.1 | .5 | .1 | | | | | | | | | | | | 187 | 188 | 208 | 197 |
| 60/ 59 | .5 | 2.8 | 1.4 | 1.1 | .5 | .2 | | | | | | | | | | | | 155 | 155 | 194 | 191 |
| 58/ 57 | .5 | 3.6 | 2.4 | 1.1 | .5 | | | | | | | | | | | | | 194 | 194 | 180 | 171 |
| 56/ 55 | .2 | 2.8 | 1.9 | 1.0 | .3 | | | | | | | | | | | | | 145 | 145 | 172 | 171 |
| 54/ 53 | .0 | 1.5 | 1.5 | .3 | .2 | | | | | | | | | | | | | 86 | 86 | 150 | 144 |
| 52/ 51 | .1 | 1.3 | .8 | .4 | .1 | | | | | | | | | | | | | 64 | 64 | 132 | 123 |
| 50/ 49 | .2 | 1.0 | .6 | .2 | .1 | | | | | | | | | | | | | 49 | 49 | 98 | 130 |
| 48/ 47 | .0 | .6 | .3 | .2 | | | | | | | | | | | | | | 27 | 27 | 50 | 103 |
| 46/ 45 | .0 | .4 | .5 | .1 | | | | | | | | | | | | | | 24 | 24 | 38 | 82 |
| 44/ 43 | | .2 | .3 | | | | | | | | | | | | | | | 11 | 11 | 23 | 40 |
| 42/ 41 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 19 | 28 |
| 40/ 39 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 11 | 22 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 4 | 20 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 4 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.6 | 45.2 | 28.7 | 12.3 | 5.4 | 1.5 | .1 | | | | | | | | | | | 2388 | 2394 | 2388 | 2387 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 17509781 | 202885 | 85.0 | 10.547 | 2387 | | | | | | | |
| Dry Bulb | 9964660 | 153332 | 64.0 | 7.757 | 2394 | | | 37.1 | 12.4 | .8 | | 90 |
| Wet Bulb | 9093106 | 146112 | 61.2 | 8.009 | 2388 | | | 26.8 | 6.0 | | | 90 |
| Dew Point | 8575122 | 141462 | 59.3 | 8.961 | 2387 | | .1 | 22.9 | 4.1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 YEARS | SEP MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92/ 91 | | | | | | | .0 | .2 | | | .0 | | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | | | .1 | .3 | .2 | | | | | | | | | 14 | 14 | | |
| 88/ 87 | | | | | .0 | .4 | .7 | .1 | .1 | .0 | .0 | | | | | | | 35 | 35 | | |
| 86/ 85 | | | | .0 | .5 | .9 | .4 | .3 | .3 | .0 | | | | | | | | 60 | 60 | | |
| 84/ 83 | | | .0 | .5 | 1.2 | 1.0 | .4 | .3 | .1 | | .0 | | | | | | | 85 | 85 | | |
| 82/ 81 | | | .3 | 1.2 | 1.3 | .8 | .5 | .4 | .1 | .0 | .1 | | | | | | | 112 | 112 | 1 | |
| 80/ 79 | | .0 | .6 | 1.9 | 1.2 | 1.1 | .8 | .3 | .2 | .0 | | | | | | | | 147 | 147 | 10 | 1 |
| 78/ 77 | | .3 | 1.5 | 2.0 | 1.6 | .8 | 1.2 | .4 | .3 | | .1 | | | | | | | 192 | 192 | 69 | 4 |
| 76/ 75 | | .8 | 1.3 | 1.6 | 1.6 | 1.5 | 1.1 | .9 | .3 | .1 | .0 | | | | | | | 224 | 224 | 137 | 35 |
| 74/ 73 | .0 | 1.2 | 1.7 | 1.5 | 1.8 | 1.2 | 1.0 | .8 | .1 | .1 | | | | | | | | 228 | 229 | 177 | 117 |
| 72/ 71 | .0 | 1.0 | 1.6 | 2.2 | 2.0 | 1.8 | 1.0 | .7 | .1 | .0 | | | | | | | | 250 | 250 | 182 | 175 |
| 70/ 69 | .2 | 1.6 | 1.2 | 2.2 | 1.7 | 1.6 | 1.3 | .6 | .0 | | | | | | | | | 249 | 250 | 209 | 185 |
| 68/ 67 | .1 | 1.2 | 1.2 | 1.5 | 1.7 | 1.2 | .9 | .3 | .1 | | | | | | | | | 196 | 196 | 197 | 175 |
| 66/ 65 | .0 | 1.2 | 1.0 | 1.3 | 1.4 | 1.8 | .6 | .3 | | | | | | | | | | 183 | 183 | 257 | 174 |
| 64/ 63 | .0 | .8 | .8 | .7 | 1.4 | 1.1 | .3 | .2 | | | | | | | | | | 126 | 126 | 197 | 172 |
| 62/ 61 | | .5 | .4 | 1.0 | .8 | 1.0 | .3 | .0 | | | | | | | | | | 96 | 96 | 222 | 183 |
| 60/ 59 | | .5 | .4 | .6 | .9 | .6 | .1 | | | | | | | | | | | 74 | 74 | 181 | 169 |
| 58/ 57 | | .7 | .3 | .5 | .4 | .3 | .2 | | | | | | | | | | | 55 | 55 | 165 | 163 |
| 56/ 55 | | .4 | .3 | .3 | .2 | .2 | | | | | | | | | | | | 31 | 31 | 158 | 152 |
| 54/ 53 | | .1 | .2 | .2 | .2 | .2 | | | | | | | | | | | | 20 | 20 | 83 | 144 |
| 52/ 51 | | | .0 | | .2 | | | | | | | | | | | | | 6 | 6 | 67 | 116 |
| 50/ 49 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | 42 | 119 |
| 48/ 47 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 17 | 89 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 12 | 75 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 10 | 43 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 42 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 19 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 13 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 10 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 10.3 | 12.7 | 19.1 | 20.1 | 17.7 | 10.9 | 5.9 | 2.0 | .4 | .3 | | | | | | | 2393 | 2395 | 2393 | 2393 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11470110 | 161890 | 67.7 | 14.716 | 2393 | | | | | | | |
| Dry Bulb | 12469502 | 171844 | 71.8 | 7.633 | 2395 | | | 67.7 | 41.5 | 14.8 | | 90 |
| Wet Bulb | 10066833 | 154185 | 64.4 | 7.441 | 2393 | | | 36.9 | 14.8 | .0 | | 90 |
| Dew Point | 8790270 | 143292 | 59.9 | 9.370 | 2393 | | .2 | 20.0 | 5.9 | .0 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 98/ 97 | | | | | | | | | | | | | | .0 | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | .1 | .2 | | .0 | | | | | 7 | 7 | | |
| 94/ 93 | | | | | | | | .1 | .2 | .2 | .0 | | .0 | | | | | 13 | 13 | | |
| 92/ 91 | | | | | | | .1 | .3 | .4 | .4 | .1 | .1 | | | | | | 35 | 35 | | |
| 90/ 89 | | | | | | .2 | .6 | .9 | .7 | .4 | .3 | .2 | | | | | | 76 | 76 | | |
| 88/ 87 | | | | | .1 | .5 | 1.3 | .4 | .8 | .3 | .3 | | | | | | | 88 | 88 | | |
| 86/ 85 | | | .0 | .2 | .8 | 1.2 | 1.1 | 1.0 | .3 | .3 | .1 | .1 | | | | | | 123 | 123 | | |
| 84/ 83 | | | .0 | .3 | .9 | 1.1 | 1.0 | .8 | .6 | .2 | .2 | .2 | | | | | | 125 | 125 | | |
| 82/ 81 | | | .2 | .6 | 1.5 | 1.1 | 1.4 | 1.0 | .8 | .3 | .3 | .0 | | | | | | 172 | 172 | 1 | |
| 80/ 79 | | | .3 | 1.1 | 1.3 | 1.3 | 1.7 | 1.3 | 1.0 | .6 | .2 | .0 | | | | | | 210 | 210 | 26 | 3 |
| 78/ 77 | | .1 | .6 | 1.2 | 1.5 | 1.3 | 1.5 | 1.5 | .8 | .4 | .3 | | | | | | | 216 | 216 | 100 | 4 |
| 76/ 75 | | .2 | .6 | 1.3 | .9 | 1.7 | 1.5 | 1.2 | .7 | .6 | .0 | | | | | | | 209 | 209 | 144 | 47 |
| 74/ 73 | .2 | .8 | .8 | .8 | 1.3 | 1.6 | 1.7 | 1.6 | .7 | .3 | | | | | | | | 234 | 234 | 186 | 91 |
| 72/ 71 | .0 | .8 | .9 | 1.3 | .7 | 1.5 | 1.2 | .9 | .4 | .1 | | | | | | | | 187 | 187 | 219 | 157 |
| 70/ 69 | .0 | .9 | .8 | 1.2 | .7 | 1.9 | 1.4 | 1.2 | .3 | .2 | | | | | | | | 204 | 204 | 208 | 174 |
| 68/ 67 | .1 | .5 | .5 | .7 | 1.0 | 1.2 | 1.6 | .5 | .1 | | | | | | | | | 149 | 149 | 202 | 176 |
| 66/ 65 | .0 | .6 | .5 | .8 | .5 | .9 | .6 | .6 | .1 | | | | | | | | | 115 | 115 | 234 | 191 |
| 64/ 63 | .1 | .5 | .4 | .3 | .5 | .6 | .7 | .4 | | | | | | | | | | 85 | 85 | 210 | 149 |
| 62/ 61 | | .2 | .3 | .3 | .2 | .4 | .5 | .1 | | | | | | | | | | 48 | 48 | 221 | 164 |
| 60/ 59 | .0 | .6 | .2 | .2 | .3 | .3 | .3 | .1 | | | | | | | | | | 50 | 50 | 189 | 168 |
| 58/ 57 | | .5 | .3 | .1 | .0 | .1 | .1 | | | | | | | | | | | 26 | 26 | 159 | 163 |
| 56/ 55 | | .2 | .1 | .0 | .0 | .1 | .0 | | | | | | | | | | | 12 | 12 | 123 | 159 |
| 54/ 53 | | .0 | .0 | .1 | | .1 | | | | | | | | | | | | 6 | 6 | 64 | 156 |
| 52/ 51 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | 59 | 112 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 26 | 116 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 13 | 95 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 6 | 81 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 63 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 36 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 42 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 11 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 15 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 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 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 5.9 | 6.4 | 10.6 | 12.3 | 17.0 | 18.5 | 14.1 | 7.7 | 4.3 | 2.0 | .6 | .1 | .0 | | | | 2393 | 2393 | | 2393 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9066788 | 142220 | 59.4 | 16.027 | 2393 | | | | | | | |
| Dry Bulb | 13726410 | 180194 | 75.3 | 8.120 | 2393 | | | 77.1 | 56.8 | 28.0 | .8 | 90 |
| Wet Bulb | 10346251 | 156383 | 65.4 | 7.275 | 2393 | | | 40.8 | 17.2 | .3 | | 90 |
| Dew Point | 8623557 | 141787 | 59.3 | 9.646 | 2393 | | .2 | 24.5 | 5.5 | .0 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 YEARS | SEP MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | | .0 | .0 | | .0 | .0 | | | | 4 | 4 | | |
| 94/ 93 | | | | | | | | .0 | | .0 | .1 | .1 | .0 | | | | | 9 | 8 | | |
| 92/ 91 | | | | | | | .0 | .1 | .3 | .2 | .1 | .1 | | .1 | | | | 20 | 20 | | |
| 90/ 89 | | | | | | .1 | .6 | .6 | .2 | .3 | .2 | .2 | | .0 | | | | 56 | 56 | | |
| 88/ 87 | | | | .0 | .1 | .4 | 1.1 | .8 | .8 | .2 | .2 | | | | | | | 85 | 85 | | |
| 86/ 85 | | | | .1 | .5 | 1.0 | .8 | .9 | .6 | .2 | .0 | | | | | | | 99 | 99 | | |
| 84/ 83 | | | | .4 | .5 | .9 | .9 | .7 | .7 | .1 | .3 | .2 | | | | | | 113 | 113 | | |
| 82/ 81 | | | .5 | .4 | 1.1 | 1.2 | 1.3 | .7 | .3 | .1 | .5 | | | | | | | 143 | 143 | 2 | |
| 80/ 79 | | | .1 | 1.3 | 1.2 | 1.5 | 1.2 | 1.3 | .7 | .5 | .2 | .0 | | | | | | 192 | 192 | 12 | 2 |
| 78/ 77 | | .2 | .9 | 1.5 | 1.4 | 1.3 | 1.0 | 1.2 | .6 | .4 | .3 | | | | | | | 211 | 211 | 74 | 10 |
| 76/ 75 | | .9 | 1.3 | 1.8 | 1.0 | 1.4 | 1.7 | .7 | .6 | .7 | .0 | | | | | | | 241 | 241 | 123 | 30 |
| 74/ 73 | .1 | .8 | 1.2 | 1.3 | 1.2 | 1.8 | 1.4 | 1.1 | .7 | .1 | | | | | | | | 230 | 230 | 194 | 78 |
| 72/ 71 | .1 | .7 | 1.2 | 1.4 | 1.2 | 1.9 | 1.3 | .8 | .5 | .2 | | | | | | | | 224 | 225 | 219 | 175 |
| 70/ 69 | .1 | .5 | 1.1 | 1.3 | 1.5 | 1.8 | 1.3 | 1.2 | .1 | .1 | | | | | | | | 215 | 215 | 221 | 175 |
| 68/ 67 | .1 | 1.0 | .6 | 1.1 | 1.3 | 1.4 | 1.2 | .6 | .2 | | | | | | | | | 180 | 180 | 221 | 167 |
| 66/ 65 | .2 | .3 | .4 | .8 | .8 | .8 | .7 | .8 | .1 | | | | | | | | | 118 | 118 | 212 | 197 |
| 64/ 63 | .1 | .8 | .5 | .5 | .5 | .4 | .9 | .5 | | | | | | | | | | 100 | 100 | 225 | 170 |
| 62/ 61 | .1 | .4 | .3 | .3 | .4 | .3 | .5 | .2 | | | | | | | | | | 58 | 58 | 243 | 166 |
| 60/ 59 | .1 | .5 | .3 | .4 | .2 | .3 | .4 | | | | | | | | | | | 51 | 51 | 178 | 166 |
| 58/ 57 | | .6 | .2 | .1 | .1 | .2 | .0 | .0 | | | | | | | | | | 30 | 30 | 170 | 199 |
| 56/ 55 | .0 | .3 | | | .0 | | | | | | | | | | | | | 9 | 9 | 128 | 151 |
| 54/ 53 | | .1 | | .0 | | .0 | | | | | | | | | | | | 4 | 4 | 71 | 137 |
| 52/ 51 | | | .1 | .0 | | .0 | | | | | | | | | | | | 4 | 4 | 54 | 116 |
| 50/ 49 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 26 | 102 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 18 | 101 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 2 | 70 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 45 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 41 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 21 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 9 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 7 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 4 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

 1500-1700 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | .9 | 7.1 | 8.6 | 12.7 | 13.0 | 16.7 | 16.4 | 12.3 | 6.4 | 3.0 | 2.0 | .5 | .1 | .2 | | | | 2396 | 2397 | 2396 | 2396 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9761643 | 147669 | 61.6 | 16.608 | 2396 | | | | | | | |
| Dry Bulb | 13398712 | 178222 | 74.4 | 7.847 | 2397 | | | 75.9 | 52.6 | 23.4 | .5 | 90 |
| Wet Bulb | 10265343 | 159911 | 65.1 | 7.078 | 2396 | | | 40.0 | 15.2 | .2 | | 90 |
| Dew Point | 8654634 | 142206 | 59.4 | 9.464 | 2396 | | .3 | 23.9 | 4.5 | .0 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-46,50-72 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 |
| 88/ 87 | | | | | | .0 | .0 | .1 | | .0 | | | | | | | | 5 | 5 | | |
| 86/ 85 | | | | .1 | .1 | .3 | .1 | .0 | | .0 | | | .0 | | | | | 16 | 16 | | |
| 84/ 83 | | | | .1 | .4 | .3 | .2 | .0 | .0 | .0 | | | | | | | | 27 | 27 | | |
| 82/ 81 | | | .1 | .7 | .6 | .3 | .3 | .2 | .0 | .0 | | | | | | | | 56 | 56 | | |
| 80/ 79 | | .1 | .7 | 1.0 | .8 | .8 | .3 | .1 | .1 | .0 | .1 | | | | | | | 93 | 93 | 2 | |
| 78/ 77 | | .5 | 1.3 | 1.3 | 1.4 | .3 | .3 | | .0 | .1 | | | | | | | | 123 | 123 | 15 | 4 |
| 76/ 75 | .0 | 1.2 | 1.7 | 2.3 | .9 | .3 | .3 | .1 | .1 | .0 | | | | | | | | 165 | 165 | 72 | 21 |
| 74/ 73 | .1 | 2.2 | 2.0 | 1.9 | 1.2 | .9 | .4 | .4 | .0 | | | | | | | | | 219 | 219 | 138 | 73 |
| 72/ 71 | .2 | 2.3 | 2.3 | 2.0 | 1.2 | .8 | .6 | .1 | .1 | .0 | | | | | | | | 229 | 229 | 179 | 146 |
| 70/ 69 | .5 | 2.5 | 2.4 | 2.8 | 1.3 | 1.0 | .5 | .2 | .0 | | | | | | | | | 267 | 267 | 237 | 168 |
| 68/ 67 | .2 | 1.8 | 3.5 | 2.7 | 1.3 | .8 | .5 | .1 | .0 | | | | | | | | | 263 | 265 | 202 | 206 |
| 66/ 65 | .3 | 1.4 | 2.6 | 2.9 | 1.3 | 1.0 | .2 | | .0 | | | | | | | | | 234 | 234 | 196 | 188 |
| 64/ 63 | .3 | 1.2 | 2.2 | 2.1 | 1.4 | .5 | .2 | .1 | | | | | | | | | | 190 | 190 | 255 | 180 |
| 62/ 61 | | 1.0 | 1.4 | 2.2 | 1.3 | .3 | .0 | | | | | | | | | | | 150 | 150 | 232 | 188 |
| 60/ 59 | .1 | 1.3 | 1.1 | 1.6 | 1.1 | .6 | | | | | | | | | | | | 139 | 139 | 209 | 192 |
| 58/ 57 | .1 | 1.1 | .8 | .8 | .8 | .3 | | | | | | | | | | | | 94 | 94 | 188 | 197 |
| 56/ 55 | .1 | .5 | .7 | .8 | .4 | .1 | | | | | | | | | | | | 59 | 59 | 165 | 166 |
| 54/ 53 | | .2 | .3 | .4 | .3 | .0 | | | | | | | | | | | | 28 | 28 | 111 | 139 |
| 52/ 51 | | .0 | .2 | .4 | | .1 | | | | | | | | | | | | 19 | 19 | 82 | 133 |
| 50/ 49 | | | .2 | .1 | .0 | | | | | | | | | | | | | 9 | 9 | 52 | 115 |
| 48/ 47 | | | .3 | .1 | | | | | | | | | | | | | | 8 | 8 | 25 | 79 |
| 46/ 45 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 23 | 62 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 5 | 52 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 6 | 33 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 29 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.9 | 17.3 | 23.8 | 26.1 | 16.0 | 8.6 | 3.9 | 1.4 | .5 | .4 | .1 | | .0 | | | | | | 2396 | | 2394 |
| | | | | | | | | | | | | | | | | | | 2394 | | 2394 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13786099 | 178745 | 74.7 | 13.565 | 2394 | | | | | | | |
| Dry Bulb | 11331651 | 163867 | 68.4 | 7.209 | 2396 | | | 55.0 | 26.4 | 3.9 | | 90 |
| Wet Bulb | 9641383 | 150945 | 63.1 | 7.201 | 2394 | | | 31.8 | 8.5 | | | 90 |
| Dew Point | 8691878 | 142722 | 59.6 | 8.752 | 2394 | | .1 | 23.2 | 3.7 | | | 90 |

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

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS) SEP (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | .0 | .1 | | .0 | | | | | | | | | | | | 4 | 4 | | |
| 80/ 79 | | | .3 | .5 | .1 | | | | | | | | | | | | | 20 | 20 | | |
| 78/ 77 | | .5 | 1.0 | .7 | .3 | .1 | .1 | | | | | | | | | | | 66 | 66 | 1 | |
| 76/ 75 | .1 | 1.5 | 1.6 | 1.0 | .5 | .0 | .1 | .0 | .0 | | | | | | | | | 120 | 120 | 37 | 14 |
| 74/ 73 | .2 | 2.6 | 2.6 | .9 | .3 | .1 | | .0 | | | | | | | | | | 162 | 162 | 93 | 58 |
| 72/ 71 | .3 | 3.6 | 3.2 | .9 | .4 | .0 | | .1 | | | | | | | | | | 205 | 205 | 149 | 124 |
| 70/ 69 | .8 | 4.3 | 2.3 | 1.3 | .3 | .2 | .1 | | | | | | | | | | | 224 | 224 | 216 | 171 |
| 68/ 67 | .4 | 3.6 | 3.7 | 1.2 | .7 | .2 | | | | | | | | | | | | 234 | 235 | 224 | 205 |
| 66/ 65 | .2 | 3.8 | 4.1 | 1.8 | .5 | .2 | | .0 | | | | | | | | | | 254 | 254 | 182 | 185 |
| 64/ 63 | .4 | 3.4 | 3.8 | 1.8 | .6 | .1 | | | | | | | | | | | | 243 | 243 | 221 | 180 |
| 62/ 61 | .2 | 2.7 | 2.5 | 1.9 | .9 | .1 | .1 | | | | | | | | | | | 200 | 200 | 223 | 212 |
| 60/ 59 | .0 | 2.7 | 2.7 | 2.0 | .4 | .2 | | | | | | | | | | | | 191 | 191 | 217 | 185 |
| 58/ 57 | .3 | 2.0 | 2.5 | 1.6 | .3 | .1 | | | | | | | | | | | | 159 | 159 | 199 | 191 |
| 56/ 55 | .0 | 2.2 | 1.7 | .8 | .4 | .0 | | | | | | | | | | | | 123 | 123 | 182 | 173 |
| 54/ 53 | | .8 | 1.4 | .7 | .0 | .0 | | | | | | | | | | | | 69 | 69 | 167 | 162 |
| 52/ 51 | | .6 | .9 | .4 | | .0 | | | | | | | | | | | | 51 | 51 | 106 | 131 |
| 50/ 49 | | .4 | .6 | .3 | | .0 | | | | | | | | | | | | 32 | 32 | 67 | 121 |
| 48/ 47 | | .4 | .5 | .0 | | | | | | | | | | | | | | 23 | 23 | 51 | 109 |
| 46/ 45 | .0 | .3 | .3 | .0 | | | | | | | | | | | | | | 16 | 16 | 32 | 62 |
| 44/ 43 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 21 | 35 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 9 | 35 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 12 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.0 | 35.6 | 35.7 | 17.8 | 5.7 | 1.5 | .4 | .2 | .0 | | | | | | | | | 2398 | 2399 | 2398 | 2398 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 16623780 | 198086 | 82.6 | 10.434 | 2398 |
| Dry Bulb | 10221914 | 155650 | 64.9 | 7.166 | 2399 |
| Wet Bulb | 9208925 | 147533 | 61.5 | 7.426 | 2398 |
| Dew Point | 8598824 | 142154 | 59.3 | 8.468 | 2398 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 38.9 | 14.0 | .5 | | 90 |
| Wet Bulb | | | 27.0 | 4.9 | | | 90 |
| Dew Point | | .1 | 21.5 | 2.7 | | | 90 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT 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 |
| 76/ 75 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | .5 | .0 | | | | | | | | | | | | | | | 12 | 12 | | |
| 72/ 71 | .0 | .5 | .1 | .2 | | | | | | | | | | | | | | 22 | 22 | 19 | 8 |
| 70/ 69 | .1 | .9 | .6 | .2 | .0 | | | | | | | | | | | | | 45 | 45 | 18 | 24 |
| 68/ 67 | .2 | .7 | 1.1 | .0 | | | | | | | | | | | | | | 47 | 47 | 37 | 18 |
| 66/ 65 | .2 | 1.5 | .6 | .1 | .0 | | | | | | | | | | | | | 60 | 60 | 53 | 41 |
| 64/ 63 | .6 | 3.1 | 1.1 | .4 | .0 | .0 | .0 | | | | | | | | | | | 126 | 126 | 78 | 78 |
| 62/ 61 | .9 | 3.2 | 1.2 | .3 | .1 | .1 | .0 | | | | | | | | | | | 139 | 139 | 127 | 107 |
| 60/ 59 | .6 | 4.5 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | | 167 | 169 | 144 | 116 |
| 58/ 57 | .8 | 4.2 | 1.7 | 1.0 | .1 | .1 | | | | | | | | | | | | 192 | 192 | 145 | 145 |
| 56/ 55 | .8 | 4.1 | 2.4 | .6 | .3 | | | | | | | | | | | | | 196 | 196 | 155 | 147 |
| 54/ 53 | .4 | 4.9 | 2.0 | 1.0 | .2 | | .0 | | | | | | | | | | | 206 | 206 | 183 | 123 |
| 52/ 51 | .7 | 4.6 | 2.2 | .9 | .5 | | | | | | | | | | | | | 217 | 218 | 216 | 178 |
| 50/ 49 | .7 | 3.4 | 2.2 | 1.2 | .2 | | | | | | | | | | | | | 187 | 187 | 196 | 192 |
| 48/ 47 | .2 | 3.5 | 2.8 | 1.0 | .1 | | | | | | | | | | | | | 182 | 182 | 161 | 167 |
| 46/ 45 | .3 | 3.3 | 2.3 | .8 | .0 | | | | | | | | | | | | | 163 | 163 | 191 | 139 |
| 44/ 43 | .5 | 3.2 | 2.1 | .7 | .3 | | | | | | | | | | | | | 163 | 163 | 189 | 150 |
| 42/ 41 | .2 | 1.7 | 1.0 | .4 | .2 | | | | | | | | | | | | | 84 | 84 | 145 | 176 |
| 40/ 39 | .0 | 2.0 | 1.3 | .3 | | | | | | | | | | | | | | 87 | 87 | 114 | 131 |
| 38/ 37 | | 1.3 | .7 | .0 | | | | | | | | | | | | | | 48 | 48 | 91 | 113 |
| 36/ 35 | | .4 | .7 | | | | | | | | | | | | | | | 26 | 26 | 71 | 111 |
| 34/ 33 | | .5 | .3 | | | | | | | | | | | | | | | 19 | 19 | 29 | 78 |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 28 | 49 |
| 30/ 29 | | | .2 | | | | | | | | | | | | | | | 6 | 6 | 5 | 49 |
| 28/ 27 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 3 | 25 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 6 | 11 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 8 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 7.2 | 52.0 | 28.2 | 9.8 | 2.5 | .3 | .1 | | | | | | | | | | | 2404 | 2407 | 2404 | 2404 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17296725 | 202081 | 84.1 | 11.353 | 2404 | | | | | | | |
| Dry Bulb | 6853095 | 126795 | 52.7 | 8.500 | 2407 | | .5 | 5.0 | .6 | | | 93 |
| Wet Bulb | 6246199 | 120683 | 50.2 | 8.840 | 2404 | | 1.6 | 2.9 | | | | 93 |
| Dew Point | 5745301 | 114951 | 47.8 | 10.174 | 2404 | | 6.3 | 1.9 | | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-45,50-72 YEARS — OCT 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 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 14 | 14 | 3 | 3 |
| 72/ 71 | | .4 | .2 | | | | | | | | | | | | | | | 14 | 14 | 12 | 6 |
| 70/ 69 | .2 | .7 | .5 | | | | | | | | | | | | | | | 35 | 35 | 15 | 18 |
| 68/ 67 | .2 | .7 | .6 | .2 | | | | | | | | | | | | | | 43 | 43 | 38 | 22 |
| 66/ 65 | .3 | 1.7 | .4 | .1 | | | | | | | | | | | | | | 60 | 60 | 46 | 39 |
| 64/ 63 | 1.2 | 3.1 | .6 | .2 | | | | | | | | | | | | | | 122 | 124 | 85 | 81 |
| 62/ 61 | 1.0 | 2.9 | .7 | .1 | | | .1 | | | | | | | | | | | 116 | 116 | 118 | 104 |
| 60/ 59 | .8 | 3.2 | 1.1 | .5 | | .1 | | | | | | | | | | | | 137 | 137 | 112 | 105 |
| 58/ 57 | 1.0 | 3.6 | 1.0 | .7 | .1 | .0 | | | | | | | | | | | | 154 | 154 | 126 | 113 |
| 56/ 55 | 1.1 | 3.7 | 2.6 | .2 | .2 | .0 | | | | | | | | | | | | 188 | 188 | 141 | 136 |
| 54/ 53 | 1.1 | 4.8 | 1.6 | .5 | .4 | | | | | | | | | | | | | 200 | 203 | 161 | 132 |
| 52/ 51 | 1.0 | 3.8 | 1.7 | .9 | .2 | | | | | | | | | | | | | 184 | 184 | 208 | 150 |
| 50/ 49 | 1.1 | 4.0 | 2.2 | .5 | .1 | | | | | | | | | | | | | 193 | 193 | 178 | 193 |
| 48/ 47 | .7 | 3.6 | 1.8 | 1.1 | .3 | .0 | | | | | | | | | | | | 181 | 181 | 179 | 162 |
| 46/ 45 | .5 | 4.2 | 2.6 | .5 | .1 | .0 | | | | | | | | | | | | 191 | 192 | 189 | 136 |
| 44/ 43 | .5 | 3.0 | 1.7 | .7 | .1 | | | | | | | | | | | | | 146 | 146 | 167 | 159 |
| 42/ 41 | .3 | 3.1 | 1.8 | .4 | .1 | | | | | | | | | | | | | 137 | 137 | 168 | 167 |
| 40/ 39 | .2 | 2.4 | 1.5 | .1 | | | | | | | | | | | | | | 102 | 102 | 137 | 125 |
| 38/ 37 | .2 | 1.8 | .6 | .2 | | | | | | | | | | | | | | 66 | 66 | 114 | 138 |
| 36/ 35 | .2 | 1.4 | .9 | .1 | | | | | | | | | | | | | | 61 | 61 | 82 | 116 |
| 34/ 33 | | .9 | .5 | | | | | | | | | | | | | | | 34 | 34 | 51 | 84 |
| 32/ 31 | | .2 | .2 | | | | | | | | | | | | | | | 9 | 9 | 43 | 76 |
| 30/ 29 | | .1 | .3 | | | | | | | | | | | | | | | 10 | 10 | 13 | 48 |
| 28/ 27 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 9 | 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 11.6 | 53.7 | 25.6 | 7.2 | 1.5 | .3 | .1 | | | | | | | | | | | | 2408 | | 2402 |
| | | | | | | | | | | | | | | | | | | 2402 | | 2402 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17906169 | 205677 | 85.6 | 11.077 | 2402 | | | | | | | |
| Dry Bulb | 6529198 | 123530 | 51.3 | 8.934 | 2408 | | .9 | 4.1 | .5 | | | 93 |
| Wet Bulb | 6005884 | 118034 | 49.1 | 9.256 | 2402 | | 2.8 | 2.6 | .1 | | | 93 |
| Dew Point | 5563700 | 112812 | 47.0 | 10.513 | 2402 | | 8.2 | 1.9 | .1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 74/ 73 | .0 | .4 | .2 | .0 | | | | | | | | | | | | | | 16 | 16 | 2 | 1 |
| 72/ 71 | | .6 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 26 | 26 | 15 | 9 |
| 70/ 69 | .0 | .6 | .3 | .2 | .0 | | | | | | | | | | | | | 30 | 30 | 23 | 21 |
| 68/ 67 | .2 | .8 | .5 | .2 | | | | | | | | | | | | | | 42 | 42 | 33 | 27 |
| 66/ 65 | .2 | 2.2 | .7 | .1 | | | | | | | | | | | | | | 79 | 79 | 47 | 36 |
| 64/ 63 | .9 | 3.5 | 1.0 | .4 | .1 | | .0 | | | | | | | | | | | 140 | 140 | 106 | 85 |
| 62/ 61 | .7 | 3.1 | 1.2 | .4 | .1 | .0 | | | | | | | | | | | | 133 | 133 | 125 | 104 |
| 60/ 59 | .8 | 4.0 | 1.4 | .5 | .2 | .1 | | | | | | | | | | | | 168 | 168 | 130 | 128 |
| 58/ 57 | .7 | 3.7 | 1.3 | .7 | .1 | .0 | .0 | .0 | | | | | | | | | | 157 | 157 | 143 | 125 |
| 56/ 55 | .8 | 3.8 | 2.6 | .8 | .2 | .2 | .0 | | | | | | | | | | | 204 | 206 | 152 | 134 |
| 54/ 53 | .7 | 4.1 | 2.8 | .8 | .5 | .0 | | | | | | | | | | | | 214 | 214 | 172 | 164 |
| 52/ 51 | .8 | 3.1 | 2.5 | 1.4 | .2 | .1 | | | | | | | | | | | | 195 | 195 | 187 | 138 |
| 50/ 49 | .7 | 3.2 | 2.5 | 1.6 | .2 | .0 | | | | | | | | | | | | 200 | 200 | 195 | 164 |
| 48/ 47 | .5 | 3.2 | 2.1 | 1.1 | .6 | .0 | | | | | | | | | | | | 184 | 184 | 185 | 150 |
| 46/ 45 | .6 | 3.7 | 1.9 | .9 | .1 | | | | | | | | | | | | | 173 | 173 | 210 | 194 |
| 44/ 43 | .2 | 2.5 | 1.7 | .7 | | | | | | | | | | | | | | 122 | 122 | 166 | 150 |
| 42/ 41 | .2 | 1.5 | 1.0 | .3 | .1 | | | | | | | | | | | | | 76 | 76 | 148 | 144 |
| 40/ 39 | .3 | 1.9 | 1.4 | .3 | .1 | | | | | | | | | | | | | 95 | 95 | 111 | 138 |
| 38/ 37 | .0 | 1.3 | .4 | .4 | | | | | | | | | | | | | | 51 | 51 | 75 | 118 |
| 36/ 35 | .3 | 1.2 | .5 | .1 | | | | | | | | | | | | | | 51 | 51 | 75 | 95 |
| 34/ 33 | | .6 | .2 | | | | | | | | | | | | | | | 21 | 21 | 43 | 82 |
| 32/ 31 | | .3 | .2 | | | | | | | | | | | | | | | 13 | 13 | 35 | 65 |
| 30/ 29 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 13 | 48 |
| 28/ 27 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 6 | 29 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 16 |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 15 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 8.9 | 49.6 | 27.1 | 11.0 | 2.6 | .7 | .1 | .0 | | | | | | | | | | | 2406 | | 2404 |
| | | | | | | | | | | | | | | | | | | 2404 | | 2404 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17263726 | 201678 | 83.9 | 11.972 | 2404 | | | | | | | |
| Dry Bulb | 6824842 | 126372 | 52.5 | 8.825 | 2406 | | .9 | 4.6 | .8 | | | 93 |
| Wet Bulb | 6215700 | 120258 | 50.0 | 9.121 | 2404 | | 2.4 | 2.8 | .1 | | | 93 |
| Dew Point | 5706860 | 114382 | 47.6 | 10.493 | 2404 | | 7.6 | 2.2 | .0 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-45,50-72 YEARS — OCT MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | .0 | | | .0 | | .0 | | | | | | 3 | 3 | | |
| 84/ 83 | | | | | .0 | .2 | .0 | | .0 | | | | | | | | | 8 | 8 | | |
| 82/ 81 | | | | .0 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | 11 | 11 | | |
| 80/ 79 | | | | .2 | .1 | .3 | .1 | | | | | | | | | | | 20 | 20 | | |
| 78/ 77 | | | .1 | .2 | .2 | .4 | .2 | .1 | .1 | | | | | | | | | 30 | 30 | | |
| 76/ 75 | | | .2 | .4 | .5 | .7 | .2 | .1 | | .0 | | | | | | | | 51 | 51 | 5 | |
| 74/ 73 | | .2 | .2 | .4 | .6 | .6 | .5 | .1 | .0 | .0 | | | | | | | | 63 | 63 | 17 | 6 |
| 72/ 71 | .0 | .2 | .6 | .9 | .5 | .3 | .4 | .2 | | | | | | | | | | 76 | 76 | 29 | 15 |
| 70/ 69 | | .2 | .9 | 1.0 | .7 | .9 | .6 | .2 | | | | | | | | | | 111 | 111 | 29 | 19 |
| 68/ 67 | | .9 | 2.0 | 1.5 | 1.2 | .8 | .5 | .1 | .1 | | | | | | | | | 173 | 173 | 67 | 28 |
| 66/ 65 | .1 | 1.9 | 1.7 | 1.7 | 1.3 | 1.1 | .6 | .1 | | | | | | | | | | 205 | 205 | 128 | 71 |
| 64/ 63 | .2 | 3.0 | 1.5 | 1.7 | 1.4 | 1.3 | .8 | .1 | | .0 | | | | | | | | 242 | 242 | 157 | 111 |
| 62/ 61 | .3 | 2.0 | 1.9 | 1.5 | 1.6 | 1.7 | .6 | .2 | | | | | | | | | | 236 | 238 | 212 | 152 |
| 60/ 59 | .2 | 1.4 | 1.3 | 2.1 | 1.6 | 1.7 | .7 | .1 | | | | | | | | | | 220 | 220 | 198 | 156 |
| 58/ 57 | .2 | .8 | 1.4 | 2.3 | 2.0 | 1.2 | .3 | .0 | | | | | | | | | | 200 | 200 | 185 | 142 |
| 56/ 55 | .2 | 1.1 | 1.4 | 1.9 | 1.7 | 1.7 | .4 | | | | | | | | | | | 200 | 200 | 170 | 138 |
| 54/ 53 | .1 | .4 | 1.1 | 2.0 | 1.5 | .8 | .1 | | | | | | | | | | | 143 | 143 | 211 | 149 |
| 52/ 51 | .2 | .7 | .8 | 2.1 | 1.6 | .9 | | | | | | | | | | | | 149 | 150 | 189 | 152 |
| 50/ 49 | .1 | .4 | .7 | 1.1 | 1.3 | .6 | .0 | | | | | | | | | | | 101 | 101 | 206 | 145 |
| 48/ 47 | .2 | .3 | .3 | .6 | 1.0 | .2 | .0 | | | | | | | | | | | 63 | 63 | 174 | 153 |
| 46/ 45 | | .1 | .2 | .5 | .2 | .1 | | | | | | | | | | | | 28 | 28 | 138 | 164 |
| 44/ 43 | | .1 | .2 | .3 | .6 | .1 | | | | | | | | | | | | 30 | 30 | 97 | 123 |
| 42/ 41 | .2 | | .2 | .2 | .2 | .0 | | | | | | | | | | | | 21 | 21 | 73 | 140 |
| 40/ 39 | .1 | .1 | | .2 | .2 | | | | | | | | | | | | | 14 | 14 | 55 | 122 |
| 38/ 37 | | .0 | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | 26 | 99 |
| 36/ 35 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 21 | 80 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 10 | 53 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 6 | 62 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 39 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 23 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 — STATION
DOVER AFB DELAWARE — STATION NAME
43-45,50-72 — YEARS
OCT — MONTH
PAGE 2
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 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.1 | 13.8 | 16.7 | 23.0 | 20.1 | 15.8 | 6.4 | 1.5 | .4 | .2 | | .0 | | | | | | 2404 | 2407 | 2404 | 2404 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11568672 | 162266 | 67.5 | 16.011 | 2404 | | | | | | | |
| Dry Bulb | 8995936 | 143804 | 60.6 | 8.253 | 2407 | | | 21.1 | 7.2 | 1.4 | | 93 |
| Wet Bulb | 7299750 | 130958 | 54.5 | 8.307 | 2404 | | .3 | 5.7 | .9 | | | 93 |
| Dew Point | 6082991 | 118073 | 49.1 | 10.868 | 2404 | | 7.2 | 2.6 | .2 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT 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 |
| 92/ 91 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | | .1 | .0 | | | | | | | | 3 | 3 | | |
| 88/ 87 | | | | | | .0 | | .2 | .1 | | .0 | | | | | | | 8 | 8 | | |
| 86/ 85 | | | | | | .0 | .1 | .2 | .4 | .2 | .0 | | | | | | | 22 | 22 | | |
| 84/ 83 | | | | | .0 | .1 | .2 | .4 | .2 | .1 | | | | | | | | 24 | 24 | | |
| 82/ 81 | | | | .1 | .1 | .2 | .2 | .1 | .2 | .0 | | .0 | | | | | | 23 | 23 | | |
| 80/ 79 | | | | .1 | .1 | .2 | .3 | .2 | .3 | .2 | .3 | | | | | | | 40 | 41 | | |
| 78/ 77 | | | .1 | .2 | .2 | .5 | .8 | .8 | .3 | .1 | .2 | | | | | | | 81 | 81 | 1 | |
| 76/ 75 | | | .1 | .3 | .7 | .6 | .9 | 1.1 | .5 | .0 | .1 | | | | | | | 106 | 106 | 6 | |
| 74/ 73 | | .1 | .2 | .4 | 1.1 | .9 | .6 | .8 | .4 | .0 | .0 | | | | | | | 108 | 108 | 29 | 3 |
| 72/ 71 | | .2 | .6 | 1.2 | 1.1 | 1.2 | 1.6 | 1.0 | .2 | .1 | .0 | .0 | | | | | | 177 | 177 | 25 | 13 |
| 70/ 69 | | .2 | 1.2 | 1.5 | 1.1 | 1.2 | 1.0 | .9 | .3 | .2 | .0 | | | | | | | 187 | 187 | 47 | 19 |
| 68/ 67 | .1 | .8 | 1.3 | 1.0 | 1.3 | 1.6 | .9 | 1.1 | .4 | .2 | | | | | | | | 210 | 210 | 119 | 20 |
| 66/ 65 | .2 | 1.1 | 1.5 | 1.3 | 1.2 | 1.1 | 2.1 | .6 | .3 | .0 | | | | | | | | 236 | 236 | 162 | 95 |
| 64/ 63 | .1 | 1.4 | .7 | 1.3 | 1.1 | 1.2 | 2.2 | 1.1 | .2 | .0 | | | | | | | | 224 | 224 | 204 | 124 |
| 62/ 61 | .1 | 1.0 | .3 | 1.2 | 1.4 | 1.7 | 1.3 | .7 | .0 | | | | | | | | | 184 | 184 | 210 | 153 |
| 60/ 59 | | .5 | .4 | 1.0 | 1.8 | 1.7 | 1.2 | .6 | .1 | | | | | | | | | 176 | 176 | 194 | 144 |
| 58/ 57 | | .5 | .2 | .9 | 1.4 | 1.9 | 1.3 | .1 | | | | | | | | | | 154 | 154 | 181 | 125 |
| 56/ 55 | .0 | .5 | .4 | .9 | 1.1 | 1.4 | 1.1 | .1 | | | | | | | | | | 135 | 135 | 172 | 125 |
| 54/ 53 | | .7 | .3 | .7 | .8 | 1.2 | .4 | | | | | | | | | | | 102 | 102 | 195 | 142 |
| 52/ 51 | .1 | .5 | .2 | .6 | .7 | 1.2 | .3 | | | | | | | | | | | 90 | 90 | 227 | 157 |
| 50/ 49 | .0 | .5 | .1 | .3 | .3 | .7 | .2 | | | | | | | | | | | 50 | 51 | 173 | 140 |
| 48/ 47 | .1 | .2 | .0 | .1 | .2 | .2 | .1 | | | | | | | | | | | 25 | 25 | 161 | 140 |
| 46/ 45 | | .0 | .0 | .2 | .1 | .2 | | | | | | | | | | | | 17 | 17 | 114 | 152 |
| 44/ 43 | | .1 | .1 | | .2 | .2 | | | | | | | | | | | | 14 | 14 | 65 | 139 |
| 42/ 41 | | | | | .1 | .0 | | | | | | | | | | | | 4 | 4 | 63 | 129 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 24 | 115 |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 17 | 95 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 8 | 101 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 6 | 70 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 60 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 52 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 28 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 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 | ≥ 70 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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 12 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.0 | 8.4 | 7.9 | 13.5 | 16.3 | 19.6 | 16.8 | 10.2 | 4.1 | 1.3 | .8 | .1 | | | | | | 2404 | 2406 | 2404 | 2403 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9009361 | 141089 | 58.7 | 17.417 | 2404 | | | | | | | |
| Dry Bulb | 10227092 | 155490 | 64.6 | 8.613 | 2406 | | | 38.3 | 16.1 | 4.2 | | 93 |
| Wet Bulb | 7715319 | 134793 | 56.1 | 8.094 | 2404 | | .0 | 8.8 | 1.4 | | | 93 |
| Dew Point | 6021429 | 117245 | 48.8 | 11.193 | 2403 | | 7.8 | 2.1 | .1 | | | 93 |

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

DATA PROCESSING BRANCH
3 USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-45,50-72 YEARS — OCT 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 |
| 90/ 89 | | | | | | | | | .1 | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | | .1 | .1 | .0 | | | | | | | | 5 | 5 | | |
| 86/ 85 | | | | | | .0 | .1 | .1 | .2 | .0 | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | | .0 | | .1 | | .2 | .2 | | | | | | | | | 14 | 14 | | |
| 82/ 81 | | | | | .2 | .2 | .1 | .4 | .1 | .1 | | | | | | | | 29 | 29 | | |
| 80/ 79 | | | | .0 | .1 | .2 | .4 | .2 | .2 | | .1 | | | | | | | 32 | 32 | | |
| 78/ 77 | | .0 | .1 | .0 | .2 | .4 | .2 | .4 | .2 | .1 | .0 | .0 | | | | | | 41 | 41 | 1 | |
| 76/ 75 | | | .2 | .2 | .3 | .4 | .5 | .5 | .3 | .0 | .0 | | | | | | | 59 | 59 | 4 | |
| 74/ 73 | | | .1 | .6 | .9 | .8 | .7 | .6 | .2 | .0 | | | | | | | | 95 | 95 | 20 | 4 |
| 72/ 71 | .1 | .2 | .3 | 1.2 | 1.3 | 1.0 | .9 | .6 | .1 | .0 | | | | | | | | 140 | 140 | 21 | 10 |
| 70/ 69 | | .5 | 1.2 | 1.5 | 1.2 | 1.1 | 1.0 | .9 | .4 | .1 | .0 | | | | | | | 194 | 194 | 38 | 20 |
| 68/ 67 | .2 | .7 | 1.5 | 1.4 | 1.2 | 1.2 | 1.3 | .6 | .3 | .0 | | | | | | | | 202 | 202 | 102 | 32 |
| 66/ 65 | .3 | 1.5 | 1.2 | 1.2 | 2.0 | 1.1 | .9 | .7 | .3 | | | | | | | | | 223 | 223 | 139 | 68 |
| 64/ 63 | .2 | .8 | 1.3 | 1.6 | 1.1 | 1.5 | 1.7 | .8 | .2 | .0 | | | | | | | | 222 | 222 | 198 | 110 |
| 62/ 61 | .0 | 1.9 | .9 | 1.3 | 1.4 | 1.4 | 1.4 | .5 | .0 | | | | | | | | | 215 | 215 | 178 | 136 |
| 60/ 59 | .1 | .7 | 1.2 | 1.8 | 1.9 | 1.5 | 1.5 | .4 | .1 | | | | | | | | | 221 | 221 | 211 | 168 |
| 58/ 57 | .0 | .7 | .8 | 1.3 | 1.2 | 1.4 | 1.0 | .5 | | | | | | | | | | 164 | 164 | 211 | 135 |
| 56/ 55 | .0 | .8 | .6 | 1.0 | 1.6 | 1.8 | .7 | .1 | | | | | | | | | | 158 | 158 | 187 | 136 |
| 54/ 53 | .0 | .7 | .7 | .9 | 1.2 | .8 | .4 | .0 | | | | | | | | | | 115 | 115 | 187 | 155 |
| 52/ 51 | .1 | .7 | .3 | 1.3 | .8 | 1.2 | .4 | | | | | | | | | | | 115 | 115 | 214 | 162 |
| 50/ 49 | | .5 | .4 | .5 | .6 | .7 | .2 | | | | | | | | | | | 70 | 70 | 178 | 127 |
| 48/ 47 | .0 | .3 | | .5 | .1 | .2 | .2 | | | | | | | | | | | 31 | 31 | 166 | 184 |
| 46/ 45 | | | .1 | .2 | .2 | .2 | | | | | | | | | | | | 17 | 17 | 131 | 137 |
| 44/ 43 | | .1 | .2 | .1 | .1 | .2 | .0 | | | | | | | | | | | 17 | 17 | 78 | 116 |
| 42/ 41 | | .0 | .1 | | .2 | .0 | | | | | | | | | | | | 8 | 8 | 72 | 124 |
| 40/ 39 | | .1 | | | .0 | | | | | | | | | | | | | 4 | 4 | 31 | 99 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 17 | 108 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 9 | 107 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 9 | 73 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 50 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 55 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 29 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 9 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT MONTH



1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 13 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 1.1 | 10.5 | 11.2 | 16.6 | 17.8 | 17.5 | 13.7 | 7.7 | 3.0 | .6 | .2 | .0 | | | | | | 2403 | 2403 | | 2403 |
| | | | | | | | | | | | | | | | | | | 2403 | | 2403 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9895093 | 148295 | 61.7 | 17.593 | 2403 | | | | | | | |
| Dry Bulb | 9732961 | 151621 | 63.1 | 8.318 | 2403 | | | 31.9 | 11.1 | 2.8 | | 93 |
| Wet Bulb | 7533135 | 133159 | 55.4 | 8.015 | 2403 | | .0 | 7.2 | 1.0 | | | 93 |
| Dew Point | 6008876 | 117178 | 48.8 | 11.080 | 2403 | | 7.4 | 2.6 | .2 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | .0 | .0 | .0 | .1 | .0 | | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | .1 | .3 | .1 | .1 | .1 | | | | | | | | | | | 16 | 16 | | |
| 76/ 75 | | | .2 | .2 | .2 | .1 | | | | | | | | | | | | 16 | 16 | 1 | 1 |
| 74/ 73 | | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | | 17 | 17 | 3 | 1 |
| 72/ 71 | | .2 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 31 | 31 | 25 | 9 |
| 70/ 69 | .1 | .4 | 1.1 | .9 | .3 | .2 | .0 | | | | | | | | | | | 73 | 73 | 16 | 20 |
| 68/ 67 | .0 | .7 | 1.2 | .8 | .5 | .2 | .1 | | | | | | | | | | | 87 | 87 | 45 | 18 |
| 66/ 65 | .2 | 2.8 | 1.7 | 1.0 | .7 | .2 | .2 | .0 | | | | | | | | | | 164 | 164 | 79 | 56 |
| 64/ 63 | .4 | 3.0 | 2.2 | 1.4 | .6 | .2 | .0 | | | | | | | | | | | 188 | 188 | 133 | 95 |
| 62/ 61 | .5 | 3.6 | 1.6 | 1.4 | 1.2 | .4 | .5 | | | | | | | | | | | 221 | 221 | 169 | 115 |
| 60/ 59 | .2 | 2.3 | 2.5 | 2.3 | 1.1 | .5 | .1 | | | | | | | | | | | 218 | 218 | 170 | 166 |
| 58/ 57 | .2 | 2.2 | 3.1 | 2.1 | 1.1 | .4 | .1 | | | | | | | | | | | 221 | 221 | 170 | 131 |
| 56/ 55 | .1 | 2.3 | 2.9 | 2.8 | 1.7 | .4 | .2 | | | | | | | | | | | 253 | 253 | 190 | 146 |
| 54/ 53 | .1 | 1.7 | 2.7 | 2.0 | 1.1 | .3 | .0 | | | | | | | | | | | 192 | 192 | 213 | 162 |
| 52/ 51 | .1 | 1.5 | 2.4 | 2.3 | 1.3 | .3 | | | | | | | | | | | | 189 | 189 | 209 | 149 |
| 50/ 49 | .0 | 1.3 | 2.3 | 2.5 | 1.0 | .2 | .1 | | | | | | | | | | | 178 | 178 | 215 | 189 |
| 48/ 47 | .1 | .7 | 1.6 | 1.7 | .9 | .2 | | | | | | | | | | | | 124 | 124 | 189 | 167 |
| 46/ 45 | | .4 | 1.1 | 1.3 | .4 | .1 | | | | | | | | | | | | 80 | 80 | 182 | 167 |
| 44/ 43 | | .4 | .7 | .8 | .2 | .0 | | | | | | | | | | | | 51 | 51 | 121 | 123 |
| 42/ 41 | .0 | .2 | .5 | .5 | .0 | .0 | | | | | | | | | | | | 33 | 33 | 99 | 154 |
| 40/ 39 | | .1 | .4 | .5 | .3 | | | | | | | | | | | | | 31 | 31 | 74 | 105 |
| 38/ 37 | | .0 | .2 | | .2 | | | | | | | | | | | | | 9 | 9 | 48 | 127 |
| 36/ 35 | | .0 | | .1 | | | | | | | | | | | | | | 4 | 4 | 22 | 87 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 16 | 60 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 8 | 42 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 46 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 23 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 7 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) COVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) OCT (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 2.1 | 24.2 | 29.0 | 25.5 | 13.2 | 4.2 | 1.8 | .0 | | | | | | | | | | 2402 | 2402 | 2402 | 2402 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 13823566 | 179090 | 74.6 | 14.004 | 2402 | | | | | | | |
| Dry Bulb | 7962475 | 137029 | 57.0 | 7.778 | 2402 | | | 9.5 | 2.1 | .1 | | 93 |
| Wet Bulb | 6829825 | 126561 | 52.7 | 8.198 | 2402 | | .5 | 3.5 | .2 | | | 93 |
| Dew Point | 5943759 | 116887 | 48.7 | 10.321 | 2402 | | 6.0 | 1.9 | .1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | OCT MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 78/ 77 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | .1 | .2 | .0 | | | | | | | | | | | | | | 9 | 9 | | |
| 74/ 73 | | .1 | .2 | .3 | .0 | .0 | | | | | | | | | | | | 16 | 16 | 3 | 3 |
| 72/ 71 | .0 | .4 | .1 | .4 | | | | | | | | | | | | | | 23 | 23 | 13 | 9 |
| 70/ 69 | .1 | .5 | .8 | .3 | .0 | | .0 | | | | | | | | | | | 43 | 43 | 19 | 17 |
| 68/ 67 | | .7 | .9 | .1 | .1 | .2 | | | | | | | | | | | | 48 | 48 | 33 | 10 |
| 66/ 65 | .5 | 2.0 | 1.0 | .5 | .2 | .0 | .0 | | | | | | | | | | | 101 | 101 | 69 | 56 |
| 64/ 63 | .5 | 2.9 | 1.8 | .8 | .3 | .1 | | | | | | | | | | | | 153 | 153 | 82 | 83 |
| 62/ 61 | .7 | 3.8 | 1.5 | .5 | .1 | .0 | .1 | .0 | | | | | | | | | | 165 | 165 | 139 | 87 |
| 60/ 59 | .5 | 3.4 | 1.9 | .8 | .2 | .1 | | | | | | | | | | | | 167 | 169 | 161 | 151 |
| 58/ 57 | .5 | 3.8 | 2.3 | 1.1 | .5 | .1 | .0 | | | | | | | | | | | 198 | 198 | 147 | 122 |
| 56/ 55 | .3 | 3.6 | 3.3 | 1.6 | .6 | .2 | | | | | | | | | | | | 230 | 230 | 180 | 145 |
| 54/ 53 | .4 | 3.8 | 3.1 | 1.0 | .9 | .1 | | | | | | | | | | | | 223 | 223 | 175 | 169 |
| 52/ 51 | .4 | 3.4 | 2.6 | 1.2 | .5 | .0 | | | | | | | | | | | | 196 | 196 | 225 | 148 |
| 50/ 49 | .3 | 2.2 | 3.9 | 1.7 | .3 | | | | | | | | | | | | | 198 | 198 | 198 | 173 |
| 48/ 47 | .3 | 1.8 | 3.3 | 1.5 | .4 | .0 | | | | | | | | | | | | 176 | 176 | 179 | 192 |
| 46/ 45 | .2 | 2.6 | 2.5 | .9 | .3 | | | | | | | | | | | | | 156 | 156 | 197 | 138 |
| 44/ 43 | .1 | 1.5 | 2.0 | .5 | .3 | | | | | | | | | | | | | 107 | 107 | 184 | 131 |
| 42/ 41 | | 1.2 | 1.1 | .5 | .0 | | | | | | | | | | | | | 69 | 69 | 128 | 195 |
| 40/ 39 | | 1.0 | 1.1 | .3 | | | | | | | | | | | | | | 58 | 58 | 96 | 140 |
| 38/ 37 | | .4 | .7 | .1 | | | | | | | | | | | | | | 29 | 29 | 75 | 121 |
| 36/ 35 | | .2 | .3 | .2 | | | | | | | | | | | | | | 16 | 16 | 47 | 96 |
| 34/ 33 | | .0 | | .2 | | | | | | | | | | | | | | 5 | 5 | 21 | 65 |
| 32/ 31 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 11 | 39 |
| 30/ 29 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 40 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 30 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 4.6 | 39.7 | 34.7 | 14.7 | 4.8 | 1.0 | .3 | .0 | | | | | | | | | | | 2394 | | 2392 |
| | | | | | | | | | | | | | | | | | | 2392 | | 2392 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 15968111 | 193341 | 80.8 | 11.937 | 2392 | | | | | | | |
| Dry Bulb | 7168866 | 129554 | 54.1 | 8.123 | 2394 | | .2 | 5.4 | 1.0 | | | 93 |
| Wet Bulb | 6407025 | 122123 | 51.1 | 8.483 | 2392 | | .8 | 2.6 | .1 | | | 93 |
| Dew Point | 5779815 | 115123 | 48.1 | 10.001 | 2392 | | 5.5 | 1.5 | .1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .0 | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | | |
| 68/ 67 | | .2 | .2 | .1 | .0 | | | | | | | | | | | | | 13 | 13 | 3 | |
| 66/ 65 | | .3 | .1 | .2 | .0 | | | | | | | | | | | | | 16 | 16 | 10 | 4 |
| 64/ 63 | .2 | .4 | .4 | .0 | | .0 | | | | | | | | | | | | 24 | 24 | 23 | 19 |
| 62/ 61 | .0 | .7 | .4 | .4 | .1 | | | | | | | | | | | | | 38 | 38 | 13 | 16 |
| 60/ 59 | .5 | 1.7 | .5 | .2 | .2 | .0 | .1 | | | | | | | | | | | 74 | 74 | 51 | 32 |
| 58/ 57 | .6 | 1.9 | .7 | .4 | | .0 | | | | | | | | | | | | 83 | 83 | 73 | 52 |
| 56/ 55 | .6 | .9 | .6 | .3 | .2 | .2 | .0 | | | | | | | | | | | 67 | 68 | 70 | 81 |
| 54/ 53 | .7 | 1.8 | .9 | .5 | .4 | .1 | .0 | | | | | | | | | | | 106 | 106 | 61 | 54 |
| 52/ 51 | 1.1 | 2.3 | .9 | .4 | .6 | .1 | | | | | | | | | | | | 125 | 125 | 103 | 79 |
| 50/ 49 | .9 | 1.8 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | | 105 | 105 | 111 | 93 |
| 48/ 47 | .9 | 2.6 | 1.6 | 1.3 | .2 | | | | | | | | | | | | | 154 | 154 | 97 | 96 |
| 46/ 45 | .6 | 4.0 | 2.0 | .9 | .0 | .1 | | | | | | | | | | | | 178 | 178 | 145 | 81 |
| 44/ 43 | .5 | 3.4 | 2.2 | 1.0 | | .0 | | | | | | | | | | | | 166 | 166 | 179 | 115 |
| 42/ 41 | .9 | 2.7 | 2.1 | .6 | .1 | | | | | | | | | | | | | 149 | 149 | 167 | 127 |
| 40/ 39 | .8 | 2.7 | 2.7 | 1.0 | .1 | | | | | | | | | | | | | 169 | 169 | 162 | 145 |
| 38/ 37 | .4 | 3.6 | 3.6 | 1.1 | .1 | | | | | | | | | | | | | 205 | 205 | 138 | 158 |
| 36/ 35 | .6 | 3.2 | 3.9 | .9 | .1 | | | | | | | | | | | | | 202 | 202 | 194 | 147 |
| 34/ 33 | .5 | 2.6 | 3.0 | .3 | | | | | | | | | | | | | | 149 | 149 | 207 | 153 |
| 32/ 31 | .6 | 1.9 | 2.0 | .5 | | | | | | | | | | | | | | 117 | 117 | 176 | 160 |
| 30/ 29 | .1 | 2.3 | 1.2 | .1 | | | | | | | | | | | | | | 88 | 88 | 139 | 152 |
| 28/ 27 | .0 | .8 | 1.1 | | | | | | | | | | | | | | | 45 | 45 | 94 | 136 |
| 26/ 25 | | .3 | .3 | .0 | | | | | | | | | | | | | | 17 | 17 | 53 | 122 |
| 24/ 23 | | .4 | .2 | .0 | | | | | | | | | | | | | | 15 | 15 | 22 | 82 |
| 22/ 21 | | .3 | .1 | | | | | | | | | | | | | | | 10 | 10 | 18 | 69 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 11 | 49 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 28 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 27 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 27 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10.3 | 43.1 | 32.2 | 11.2 | 2.4 | .6 | .2 | | | | | | | | | | | | 2328 | 2329 | 2328 | 2328 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 15160497 | 185135 | 79.5 | 13.713 | 2328 | | | | | | | |
| Dry Bulb | 4562406 | 100614 | 43.2 | 9.629 | 2329 | | 11.5 | .8 | | | | 90 |
| Wet Bulb | 4052868 | 94456 | 40.6 | 9.733 | 2328 | | 20.1 | .1 | | | | 90 |
| Dew Point | 3499741 | 86135 | 37.0 | 11.594 | 2328 | .0 | 33.9 | | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | | .2 | | | | | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | | .4 | .2 | | | | | | | | | | | | | | | 13 | 13 | | |
| 66/ 65 | .0 | .1 | .2 | .2 | .0 | | | | | | | | | | | | | 14 | 14 | 19 | 10 |
| 64/ 63 | .1 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 7 | 12 |
| 62/ 61 | .1 | .6 | .4 | .1 | .0 | | | | | | | | | | | | | 29 | 29 | 19 | 14 |
| 60/ 59 | .3 | 1.6 | .6 | .1 | .0 | | | | | | | | | | | | | 62 | 62 | 34 | 20 |
| 58/ 57 | .7 | 1.5 | .3 | .3 | .1 | .0 | .1 | | | | | | | | | | | 72 | 72 | 74 | 57 |
| 56/ 55 | .4 | 1.5 | .5 | .3 | .1 | .1 | | | | | | | | | | | | 71 | 71 | 58 | 73 |
| 54/ 53 | 1.2 | 2.2 | 1.0 | .3 | .1 | | | | | | | | | | | | | 113 | 113 | 83 | 67 |
| 52/ 51 | .7 | 1.9 | .9 | .5 | .7 | .0 | | | | | | | | | | | | 110 | 110 | 87 | 81 |
| 50/ 49 | .8 | 1.6 | .8 | .8 | .2 | .0 | | | | | | | | | | | | 99 | 99 | 92 | 72 |
| 48/ 47 | 1.1 | 3.0 | 1.1 | .8 | .3 | | | | | | | | | | | | | 148 | 149 | 107 | 92 |
| 46/ 45 | 1.0 | 3.1 | 1.2 | .7 | .2 | | | | | | | | | | | | | 142 | 142 | 123 | 101 |
| 44/ 43 | .7 | 4.1 | 1.8 | .6 | | | | | | | | | | | | | | 168 | 170 | 169 | 90 |
| 42/ 41 | .7 | 3.1 | 2.3 | .9 | .1 | | | | | | | | | | | | | 166 | 167 | 155 | 142 |
| 40/ 39 | .9 | 3.1 | 2.8 | .8 | .0 | | | | | | | | | | | | | 179 | 182 | 170 | 134 |
| 38/ 37 | .9 | 2.7 | 2.4 | .7 | | | | | | | | | | | | | | 159 | 159 | 168 | 145 |
| 36/ 35 | .7 | 4.4 | 2.8 | .6 | | | | | | | | | | | | | | 197 | 197 | 177 | 135 |
| 34/ 33 | .6 | 3.4 | 2.9 | .8 | | | | | | | | | | | | | | 179 | 179 | 184 | 180 |
| 32/ 31 | .6 | 2.9 | 2.4 | .3 | | | | | | | | | | | | | | 142 | 142 | 169 | 165 |
| 30/ 29 | .2 | 2.7 | 1.8 | .1 | | | | | | | | | | | | | | 111 | 111 | 163 | 150 |
| 28/ 27 | .2 | 1.9 | .9 | | | | | | | | | | | | | | | 70 | 70 | 121 | 123 |
| 26/ 25 | | .6 | .5 | | | | | | | | | | | | | | | 25 | 25 | 84 | 115 |
| 24/ 23 | | .3 | .4 | | | | | | | | | | | | | | | 18 | 18 | 17 | 101 |
| 22/ 21 | | .3 | .3 | | | | | | | | | | | | | | | 15 | 15 | 19 | 74 |
| 20/ 19 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 14 | 64 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 10 | 25 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 36 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 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 | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 12.2 | 47.8 | 28.9 | 8.7 | 2.1 | .2 | .1 | | | | | | | | | | 2327 | 2334 | 2327 | 2327 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15764207 | 188989 | 81.2 | 13.363 | 2327 | | | | | | | |
| Dry Bulb | 4364372 | 98354 | 42.1 | 9.706 | 2334 | | 15.0 | .7 | | | | 90 |
| Wet Bulb | 3915170 | 92658 | 39.8 | 9.850 | 2327 | | 23.2 | | | | | 90 |
| Dew Point | 3422645 | 85031 | 36.5 | 11.647 | 2327 | .0 | 34.9 | | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | .2 | .0 | | | | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | | .4 | .1 | .1 | .1 | .0 | | | | | | | | | | | | 16 | 16 | 2 | |
| 66/ 65 | | .3 | .1 | .0 | | | | | | | | | | | | | | 10 | 10 | 13 | 11 |
| 64/ 63 | .1 | .4 | .3 | .1 | | | | | | | | | | | | | | 21 | 21 | 12 | 8 |
| 62/ 61 | .2 | .6 | .3 | .0 | | | | | | | | | | | | | | 28 | 28 | 24 | 18 |
| 60/ 59 | .3 | 1.6 | .3 | .2 | | .0 | | | | | | | | | | | | 56 | 56 | 31 | 24 |
| 58/ 57 | .4 | 1.4 | .3 | .2 | .1 | .1 | | | | | | | | | | | | 59 | 60 | 72 | 57 |
| 56/ 55 | 1.2 | 1.5 | .6 | .2 | .0 | .0 | | | | | | | | | | | | 85 | 86 | 62 | 70 |
| 54/ 53 | .8 | 2.5 | .6 | .4 | .1 | .1 | | | | | | | | | | | | 104 | 104 | 72 | 61 |
| 52/ 51 | .9 | 1.6 | 1.2 | .6 | .3 | .0 | | | | | | | | | | | | 110 | 110 | 85 | 80 |
| 50/ 49 | .8 | 2.5 | 1.2 | 1.1 | .4 | | | | | | | | | | | | | 138 | 139 | 94 | 62 |
| 48/ 47 | .5 | 3.4 | .9 | .7 | .3 | .0 | | | | | | | | | | | | 134 | 135 | 124 | 97 |
| 46/ 45 | .5 | 2.7 | 1.2 | .8 | .2 | | | | | | | | | | | | | 126 | 126 | 138 | 109 |
| 44/ 43 | .5 | 3.8 | 1.8 | 1.0 | .2 | | | | | | | | | | | | | 171 | 172 | 136 | 95 |
| 42/ 41 | .8 | 2.8 | 2.4 | .8 | .1 | | | | | | | | | | | | | 162 | 164 | 147 | 131 |
| 40/ 39 | 1.1 | 3.7 | 3.0 | .5 | .1 | | | | | | | | | | | | | 196 | 196 | 181 | 129 |
| 38/ 37 | .8 | 3.3 | 2.2 | .7 | .0 | | | | | | | | | | | | | 165 | 166 | 190 | 156 |
| 36/ 35 | .7 | 3.2 | 2.8 | .9 | | | | | | | | | | | | | | 176 | 176 | 172 | 147 |
| 34/ 33 | .5 | 3.5 | 2.2 | .7 | | | | | | | | | | | | | | 161 | 161 | 167 | 140 |
| 32/ 31 | .7 | 3.3 | 2.1 | .2 | | | | | | | | | | | | | | 146 | 146 | 167 | 184 |
| 30/ 29 | .5 | 2.8 | 2.0 | | | | | | | | | | | | | | | 124 | 124 | 168 | 146 |
| 28/ 27 | .3 | 1.5 | .8 | | | | | | | | | | | | | | | 59 | 59 | 127 | 137 |
| 26/ 25 | .0 | 1.0 | .3 | | | | | | | | | | | | | | | 31 | 31 | 62 | 130 |
| 24/ 23 | | .3 | .3 | | | | | | | | | | | | | | | 15 | 15 | 37 | 98 |
| 22/ 21 | | .2 | .3 | .0 | | | | | | | | | | | | | | 14 | 14 | 11 | 56 |
| 20/ 19 | | .1 | .2 | | | | | | | | | | | | | | | 7 | 7 | 15 | 63 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 8 | 39 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 3 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 43-45,50-72 YEARS — NOV MONTH

PAGE 2 — 0600-0800 HOURS L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.6 | 48.6 | 27.9 | 9.4 | 2.1 | .4 | | | | | | | | | | | 2322 | 2330 | 2322 | | 2322 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15604262 | 187826 | 80.9 | 13.308 | 2322 | | | | | | | |
| Dry Bulb | 4382381 | 98471 | 42.3 | 9.736 | 2330 | | 15.4 | .8 | | | | 90 |
| Wet Bulb | 3918449 | 92607 | 39.9 | 9.847 | 2322 | | 23.3 | .1 | | | | 90 |
| Dew Point | 3414253 | 84859 | 36.5 | 11.613 | 2322 | .1 | 35.9 | | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45, 50-72 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | .0 | .0 | .1 | .0 | | | | | | | | | | | | 6 | 6 | 1 | |
| 74/ 73 | | | | .1 | .1 | .0 | | .0 | | | | | | | | | | 6 | 6 | | |
| 72/ 71 | | | .2 | .2 | .2 | .0 | | | .0 | | | | | | | | | 15 | 16 | 3 | 1 |
| 70/ 69 | | .1 | .5 | .2 | .3 | .1 | .1 | | | | | | | | | | | 31 | 31 | 5 | 3 |
| 68/ 67 | | .0 | .2 | .2 | .1 | .0 | .1 | .0 | .0 | | | | | | | | | 23 | 23 | 12 | 2 |
| 66/ 65 | | .5 | .3 | .4 | .1 | .3 | .1 | .1 | | | | | | | | | | 43 | 43 | 27 | 17 |
| 64/ 63 | .0 | .3 | .3 | .6 | .2 | .3 | .2 | .1 | | | | | | | | | | 48 | 48 | 23 | 24 |
| 62/ 61 | .2 | .7 | .6 | .6 | .5 | .6 | .2 | .0 | | | | | | | | | | 78 | 78 | 37 | 25 |
| 60/ 59 | .4 | 1.5 | 1.3 | .5 | .9 | .6 | .1 | | | | | | | | | | | 127 | 127 | 62 | 39 |
| 58/ 57 | .4 | 1.0 | 1.1 | .6 | 1.4 | .5 | .1 | .0 | | | | | | | | | | 122 | 122 | 82 | 64 |
| 56/ 55 | .5 | 1.5 | 1.3 | 1.5 | 1.2 | .4 | .2 | .0 | | | | | | | | | | 157 | 157 | 98 | 64 |
| 54/ 53 | .2 | 1.8 | 1.8 | 1.7 | 1.3 | .5 | .2 | | | | | | | | | | | 178 | 178 | 100 | 84 |
| 52/ 51 | .2 | 1.7 | 1.1 | 1.5 | 1.5 | .9 | .1 | | | | | | | | | | | 165 | 165 | 140 | 86 |
| 50/ 49 | .2 | 1.5 | 2.0 | 1.7 | 1.3 | .4 | | | | | | | | | | | | 166 | 166 | 192 | 75 |
| 48/ 47 | .2 | 1.6 | 1.5 | 2.1 | 1.7 | .3 | .0 | | | | | | | | | | | 174 | 174 | 143 | 119 |
| 46/ 45 | .3 | 1.1 | 1.3 | 3.8 | 1.7 | .6 | | | | | | | | | | | | 205 | 205 | 164 | 120 |
| 44/ 43 | .3 | .9 | 2.2 | 2.4 | 1.5 | .0 | .0 | | | | | | | | | | | 171 | 171 | 167 | 141 |
| 42/ 41 | .1 | 1.0 | 2.0 | 2.5 | 1.0 | .1 | | | | | | | | | | | | 158 | 158 | 178 | 113 |
| 40/ 39 | .2 | 1.3 | 1.8 | 2.1 | .9 | | | | | | | | | | | | | 145 | 145 | 218 | 155 |
| 38/ 37 | .3 | .7 | 1.5 | 2.1 | .5 | | | | | | | | | | | | | 119 | 120 | 183 | 131 |
| 36/ 35 | .2 | .5 | 1.2 | 1.1 | .3 | | | | | | | | | | | | | 77 | 77 | 162 | 146 |
| 34/ 33 | .3 | .5 | .9 | .7 | .0 | | | | | | | | | | | | | 56 | 56 | 111 | 158 |
| 32/ 31 | .1 | .2 | .3 | .5 | | | | | | | | | | | | | | 25 | 25 | 105 | 159 |
| 30/ 29 | | | .3 | .2 | | | | | | | | | | | | | | 13 | 13 | 56 | 130 |
| 28/ 27 | | | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 22 | 125 |
| 26/ 25 | | | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 20 | 90 |
| 24/ 23 | | | .0 | .1 | | | | | | | | | | | | | | 3 | 3 | 7 | 65 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 4 | 56 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 29 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV 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 | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 17 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.2 | 18.5 | 24.3 | 27.7 | 17.2 | 5.9 | 1.6 | .5 | .1 | | | | | | | | | | 2330 | | 2328 |
| | | | | | | | | | | | | | | | | | | 2329 | | 2329 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 11534395 | 159311 | 68.4 | 16.542 | 2329 | | | | | | | |
| Dry Bulb | 5805751 | 114263 | 49.0 | 9.320 | 2330 | | 2.1 | 3.3 | .6 | .0 | | 90 |
| Wet Bulb | 4766711 | 103135 | 44.3 | 9.259 | 2329 | | 8.5 | .8 | .0 | | | 90 |
| Dew Point | 3774403 | 89567 | 38.5 | 11.880 | 2328 | .1 | 29.4 | .2 | | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | .0 | | .1 | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | | | | .0 | | | .0 | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | .0 | | .1 | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | .0 | .1 | .2 | .3 | .0 | .1 | | | | | | | | | | 17 | 17 | | |
| 76/ 75 | | | | .0 | .2 | .3 | .1 | .1 | .0 | .0 | | | | | | | | 19 | 19 | | |
| 74/ 73 | | | | .3 | .0 | .2 | .0 | | .1 | .0 | | | | | | | | 15 | 15 | 3 | |
| 72/ 71 | | | .1 | .2 | .1 | .3 | .4 | .3 | .0 | .1 | | | | | | | | 37 | 37 | 3 | 3 |
| 70/ 69 | | | .5 | .2 | .3 | .1 | .3 | .3 | .3 | .0 | | | | | | | | 48 | 48 | 12 | 1 |
| 68/ 67 | | .1 | .3 | .5 | .5 | .7 | .2 | .3 | .1 | | | | | | | | | 64 | 64 | 23 | 2 |
| 66/ 65 | | .1 | .0 | .8 | .5 | .8 | .6 | .4 | .1 | | | | | | | | | 80 | 80 | 33 | 21 |
| 64/ 63 | .0 | .6 | .4 | .5 | .7 | .6 | 1.0 | .2 | | | | | | | | | | 97 | 97 | 27 | 30 |
| 62/ 61 | .1 | .4 | .4 | 1.0 | .6 | 1.3 | .8 | .1 | .0 | | | | | | | | | 113 | 113 | 56 | 25 |
| 60/ 59 | .2 | .7 | .6 | 1.0 | 1.0 | 1.0 | 1.2 | .2 | | | | | | | | | | 138 | 139 | 67 | 41 |
| 58/ 57 | .2 | 1.4 | .6 | 1.4 | 1.3 | 1.5 | .7 | .2 | | | | | | | | | | 169 | 169 | 102 | 60 |
| 56/ 55 | .1 | 1.1 | 1.1 | 1.6 | 1.6 | 1.5 | .8 | .3 | | | | | | | | | | 189 | 190 | 115 | 63 |
| 54/ 53 | .1 | 1.2 | .8 | 1.5 | 1.5 | 1.1 | .7 | .1 | | | | | | | | | | 165 | 166 | 148 | 82 |
| 52/ 51 | .1 | 1.1 | .5 | 1.3 | 1.7 | 2.4 | .1 | | | | | | | | | | | 166 | 166 | 169 | 90 |
| 50/ 49 | .1 | .8 | .8 | 1.4 | 3.2 | 1.8 | .0 | | | | | | | | | | | 190 | 190 | 186 | 96 |
| 48/ 47 | .3 | .7 | .4 | 2.1 | 2.5 | 1.2 | .3 | | | | | | | | | | | 175 | 175 | 161 | 105 |
| 46/ 45 | .1 | .8 | .7 | 1.9 | 2.6 | .9 | .1 | | | | | | | | | | | 165 | 165 | 158 | 120 |
| 44/ 43 | .2 | .3 | .7 | 1.6 | 2.0 | .9 | | | | | | | | | | | | 133 | 133 | 166 | 136 |
| 42/ 41 | .4 | .3 | .7 | 1.5 | 1.4 | .1 | | | | | | | | | | | | 104 | 104 | 228 | 123 |
| 40/ 39 | .1 | .7 | .9 | 1.5 | 1.3 | .1 | | | | | | | | | | | | 109 | 109 | 179 | 129 |
| 38/ 37 | .3 | .2 | .6 | 1.1 | .4 | | | | | | | | | | | | | 59 | 59 | 162 | 137 |
| 36/ 35 | | .0 | .2 | .5 | .7 | | | | | | | | | | | | | 34 | 34 | 113 | 141 |
| 34/ 33 | | .1 | .0 | .3 | .2 | | | | | | | | | | | | | 14 | 14 | 96 | 134 |
| 32/ 31 | .2 | | .0 | .2 | | | | | | | | | | | | | | 10 | 10 | 62 | 165 |
| 30/ 29 | | | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | 27 | 133 |
| 28/ 27 | | | | .2 | | | | | | | | | | | | | | 4 | 4 | 18 | 107 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 106 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 5 | 77 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 53 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 46 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (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 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 25 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 18 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 2.5 | 10.7 | 10.4 | 23.0 | 25.0 | 17.1 | 7.7 | 2.7 | .7 | .2 | | | | | | | | | 2329 | | 2326 |
| | | | | | | | | | | | | | | | | | | 2326 | | 2326 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9103055 | 139737 | 60.1 | 17.453 | 2326 | | | | | | | |
| Dry Bulb | 6740701 | 123263 | 52.9 | 9.607 | 2329 | | .7 | 8.0 | 2.3 | .3 | | 90 |
| Wet Bulb | 5170587 | 107613 | 46.3 | 9.084 | 2326 | | 4.6 | 1.6 | .1 | | | 90 |
| Dew Point | 3798062 | 89676 | 38.6 | 12.106 | 2326 | | 30.5 | .2 | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 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 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .0 | | .1 | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | | .0 | .1 | .0 | | .0 | | | | | | | | | | 6 | 6 | | |
| 76/ 75 | | | | .0 | .2 | .1 | .0 | | | | | | | | | | | 10 | 10 | 1 | |
| 74/ 73 | | | | .0 | .0 | .1 | .1 | | | | | | | | | | | 7 | 7 | 1 | |
| 72/ 71 | | | .0 | .2 | .3 | .2 | .2 | .2 | .1 | | | | | | | | | 28 | 28 | | 1 |
| 70/ 69 | | .0 | .2 | .1 | .3 | .2 | .1 | .2 | .1 | | | | | | | | | 29 | 29 | 7 | 1 |
| 68/ 67 | | .2 | .3 | .3 | .5 | .3 | .2 | .2 | .2 | | | | | | | | | 54 | 54 | 15 | 4 |
| 66/ 65 | .1 | .1 | .3 | .3 | .2 | .3 | .4 | .2 | .0 | | | | | | | | | 44 | 44 | 21 | 13 |
| 64/ 63 | .1 | .3 | .5 | .5 | .3 | .8 | .3 | .1 | .0 | | | | | | | | | 70 | 70 | 29 | 21 |
| 62/ 61 | .1 | .6 | .5 | .7 | .6 | .6 | .6 | .1 | .0 | | | | | | | | | 90 | 90 | 44 | 17 |
| 60/ 59 | .3 | .9 | .8 | .8 | 1.0 | 1.2 | .6 | .1 | | | | | | | | | | 130 | 130 | 66 | 50 |
| 58/ 57 | .7 | 1.4 | 1.3 | 1.2 | .9 | .6 | .4 | .0 | .0 | | | | | | | | | 155 | 155 | 91 | 64 |
| 56/ 55 | .0 | 1.6 | 1.2 | 1.7 | 1.4 | 1.3 | .6 | .1 | | | | | | | | | | 186 | 186 | 99 | 67 |
| 54/ 53 | .2 | 1.2 | 1.4 | 1.4 | 1.7 | 1.0 | .3 | .0 | | | | | | | | | | 168 | 168 | 136 | 77 |
| 52/ 51 | .1 | 1.2 | 1.6 | 1.5 | 1.8 | 1.8 | .3 | | | | | | | | | | | 196 | 196 | 146 | 89 |
| 50/ 49 | .2 | 1.1 | 1.2 | 1.8 | 2.3 | 1.2 | .0 | | | | | | | | | | | 182 | 182 | 179 | 100 |
| 48/ 47 | .4 | .8 | 1.1 | 2.4 | 2.4 | 1.0 | .1 | | | | | | | | | | | 192 | 192 | 164 | 106 |
| 46/ 45 | .2 | .6 | 1.4 | 2.9 | 2.4 | .7 | | | | | | | | | | | | 192 | 192 | 178 | 136 |
| 44/ 43 | .1 | .8 | 1.5 | 2.3 | 1.5 | .3 | | | | | | | | | | | | 152 | 152 | 178 | 120 |
| 42/ 41 | .2 | .4 | .9 | 2.0 | 1.5 | .2 | | | | | | | | | | | | 122 | 123 | 203 | 120 |
| 40/ 39 | .2 | .6 | 1.1 | 2.0 | 1.3 | .1 | | | | | | | | | | | | 123 | 123 | 205 | 115 |
| 38/ 37 | .3 | .4 | 1.1 | 1.4 | .8 | | | | | | | | | | | | | 92 | 92 | 160 | 143 |
| 36/ 35 | .0 | .2 | .3 | .7 | .5 | | | | | | | | | | | | | 39 | 39 | 140 | 132 |
| 34/ 33 | | .2 | .3 | .3 | .4 | | | | | | | | | | | | | 28 | 28 | 109 | 153 |
| 32/ 31 | .2 | .1 | .3 | .2 | .0 | | | | | | | | | | | | | 19 | 19 | 75 | 161 |
| 30/ 29 | | | .1 | .2 | .0 | | | | | | | | | | | | | 9 | 9 | 40 | 142 |
| 28/ 27 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 25 | 115 |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 11 | 102 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 6 | 76 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 49 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 47 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 44 |

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

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

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 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 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 10 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 9 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.7 | 12.7 | 17.3 | 25.3 | 22.5 | 12.2 | 4.3 | 1.4 | .5 | | | | | | | | | 2330 | 2331 | 2330 | 2330 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10145982 | 148152 | 63.6 | 17.653 | 2330 | | | | | | | |
| Dry Bulb | 6260846 | 118892 | 51.0 | 9.190 | 2331 | | 1.2 | 5.4 | 1.1 | .1 | | 90 |
| Wet Bulb | 4953288 | 105376 | 45.2 | 8.974 | 2330 | | 6.1 | .9 | .1 | | | 90 |
| Dew Point | 3747914 | 89134 | 38.3 | 12.021 | 2330 | | 30.9 | .2 | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | .0 | .0 | .0 | | | | | | | | | | | | | | | 3 | 3 | 1 | 1 |
| 70/ 69 | | .0 | .2 | .2 | .0 | | | | | | | | | | | | | 11 | 11 | 2 | 2 |
| 68/ 67 | | .0 | .3 | .2 | .0 | | | | | | | | | | | | | 13 | 13 | 6 | |
| 66/ 65 | | .1 | .3 | .4 | .0 | .1 | .1 | .0 | .0 | | | | | | | | | 27 | 27 | 5 | 5 |
| 64/ 63 | .3 | .6 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 37 | 37 | 22 | 14 |
| 62/ 61 | .1 | .6 | .6 | .2 | .2 | .1 | | | | | | | | | | | | 41 | 41 | 32 | 23 |
| 60/ 59 | .5 | 1.6 | .4 | .2 | .5 | .2 | .0 | | | | | | | | | | | 80 | 80 | 52 | 39 |
| 58/ 57 | .7 | 1.6 | 1.0 | .5 | .4 | .1 | .0 | | | | | | | | | | | 102 | 102 | 67 | 64 |
| 56/ 55 | .7 | 1.7 | 1.3 | .5 | .8 | .2 | | | | | | | | | | | | 121 | 121 | 84 | 64 |
| 54/ 53 | .4 | 1.7 | 1.6 | 1.4 | .6 | .3 | .0 | .0 | | | | | | | | | | 143 | 143 | 84 | 78 |
| 52/ 51 | .4 | 2.1 | 2.0 | 1.2 | .6 | .3 | .0 | | | | | | | | | | | 155 | 155 | 120 | 62 |
| 50/ 49 | .3 | 2.3 | 2.1 | 1.6 | 1.0 | .2 | | | | | | | | | | | | 174 | 174 | 128 | 97 |
| 48/ 47 | .5 | 2.1 | 2.3 | 1.7 | .8 | .2 | | | | | | | | | | | | 176 | 176 | 173 | 103 |
| 46/ 45 | .2 | 1.7 | 2.4 | 2.3 | 1.2 | | | | | | | | | | | | | 181 | 182 | 152 | 115 |
| 44/ 43 | .3 | 1.7 | 3.1 | 2.3 | 1.5 | .2 | | | | | | | | | | | | 208 | 208 | 143 | 126 |
| 42/ 41 | .2 | 1.4 | 3.3 | 2.8 | .4 | | | | | | | | | | | | | 188 | 188 | 175 | 133 |
| 40/ 39 | .3 | 1.5 | 3.6 | 2.6 | .3 | | | | | | | | | | | | | 193 | 193 | 197 | 117 |
| 38/ 37 | .2 | .9 | 2.8 | 2.3 | .2 | | | | | | | | | | | | | 151 | 151 | 202 | 126 |
| 36/ 35 | .1 | 1.3 | 2.5 | 1.2 | .2 | | | | | | | | | | | | | 121 | 121 | 215 | 155 |
| 34/ 33 | 1 | .6 | 1.7 | .9 | | | | | | | | | | | | | | 79 | 79 | 158 | 164 |
| 32/ 31 | .2 | .3 | 1.2 | .6 | | | | | | | | | | | | | | 52 | 52 | 119 | 133 |
| 30/ 29 | .0 | .3 | .5 | .6 | .0 | | | | | | | | | | | | | 34 | 34 | 72 | 169 |
| 28/ 27 | | .1 | .7 | .3 | | | | | | | | | | | | | | 25 | 25 | 49 | 133 |
| 26/ 25 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 34 | 125 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 23 | 70 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 50 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 19 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 17 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 14 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (MONTH)

PAGE 2 1800-2000 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.6 | 24.5 | 34.4 | 24.2 | 9.0 | 1.8 | .3 | .2 | .0 | | | | | | | | | 2323 | | | 2322 |
| | | | | | | | | | | | | | | | | | 2322 | | 2322 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 12834086 | 168902 | 72.7 | 15.368 | 2322 | | | | | | | |
| Dry Bulb | 5149740 | 107430 | 46.2 | 8.841 | 2323 | | 4.5 | 1.2 | .1 | | | 90 |
| Wet Bulb | 4302934 | 98610 | 42.5 | 7.171 | 2322 | | 11.8 | .3 | | | | 90 |
| Dew Point | 3590267 | 87169 | 37.5 | 11.703 | 2322 | | 32.3 | .1 | | | | 90 |

USAFETAC FORM 0-25-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (YEARS) NOV (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 | | | | .1 | | .0 | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | | .0 | | | | .0 | | | | | | | | | | | 2 | 2 | | |
| 70/ 69 | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | | |
| 68/ 67 | | .2 | .1 | .3 | | | | | | | | | | | | | | 14 | 14 | 8 | 3 |
| 66/ 65 | | .3 | .1 | .3 | | | | | | | | | | | | | | 15 | 15 | 8 | 9 |
| 64/ 63 | .1 | .4 | .2 | .2 | .1 | .0 | | .0 | | | | | | | | | | 26 | 26 | 17 | 7 |
| 62/ 61 | .2 | .7 | .4 | .2 | .2 | .1 | | .1 | | | | | | | | | | 42 | 42 | 26 | 23 |
| 60/ 59 | .8 | 1.6 | .3 | .1 | .0 | | .0 | | | | | | | | | | | 68 | 68 | 58 | 43 |
| 58/ 57 | .3 | 1.0 | 1.0 | .4 | .1 | .1 | | | | | | | | | | | | 67 | 67 | 51 | 46 |
| 56/ 55 | .9 | 1.5 | 1.0 | .5 | .3 | .1 | .0 | | | | | | | | | | | 100 | 100 | 73 | 64 |
| 54/ 53 | .2 | 1.7 | 1.0 | .5 | .4 | .0 | | | | | | | | | | | | 91 | 91 | 70 | 57 |
| 52/ 51 | .9 | 2.1 | 1.2 | .6 | .4 | | | | | | | | | | | | | 123 | 123 | 92 | 68 |
| 50/ 49 | .6 | 2.4 | 1.3 | .9 | .5 | | | | | | | | | | | | | 128 | 128 | 110 | 90 |
| 48/ 47 | .5 | 3.0 | 2.4 | 1.3 | .2 | .0 | | | | | | | | | | | | 173 | 173 | 122 | 93 |
| 46/ 45 | .5 | 2.8 | 2.6 | 1.9 | .2 | .1 | | | | | | | | | | | | 187 | 187 | 162 | 104 |
| 44/ 43 | .5 | 2.6 | 2.5 | 1.5 | .4 | | | | | | | | | | | | | 176 | 177 | 147 | 120 |
| 42/ 41 | .8 | 2.1 | 2.7 | 1.5 | .5 | .0 | | | | | | | | | | | | 178 | 179 | 177 | 124 |
| 40/ 39 | .6 | 2.6 | 3.9 | 1.8 | .5 | | | | | | | | | | | | | 218 | 218 | 182 | 139 |
| 38/ 37 | .5 | 2.4 | 3.9 | 1.8 | .1 | | | | | | | | | | | | | 201 | 201 | 176 | 137 |
| 36/ 35 | .2 | 2.8 | 3.7 | .8 | .0 | | | | | | | | | | | | | 175 | 175 | 204 | 165 |
| 34/ 33 | .2 | 1.8 | 2.7 | .6 | | | | | | | | | | | | | | 123 | 123 | 210 | 155 |
| 32/ 31 | .2 | 1.3 | 1.7 | .6 | | | | | | | | | | | | | | 87 | 87 | 160 | 162 |
| 30/ 29 | .2 | .6 | 1.3 | .3 | | | | | | | | | | | | | | 56 | 56 | 112 | 169 |
| 28/ 27 | .1 | .3 | .6 | .0 | | | | | | | | | | | | | | 24 | 24 | 64 | 106 |
| 26/ 25 | | .6 | .6 | .1 | | | | | | | | | | | | | | 30 | 30 | 45 | 143 |
| 24/ 23 | | .2 | .1 | .1 | | | | | | | | | | | | | | 9 | 9 | 34 | 88 |
| 22/ 21 | | | .3 | | | | | | | | | | | | | | | 6 | 6 | 15 | 61 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 4 | 45 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 40 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 14 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 12 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |

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

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

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# PSYCHROMETRIC SUMMARY

13707 STATION | OLIVER APB DELAWARE STATION NAME | 43-45,50-72 YEARS | NOV MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 8.0 | 35.2 | 35.8 | 16.3 | 3.9 | .6 | .1 | .1 | | | | | | | | | | 2332 | 2334 | 2332 | 2332 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 14262500 | 179342 | 76.9 | 14.203 | 2332 | | | | | | | |
| Dry Bulb | 4721895 | 102725 | 44.0 | 9.275 | 2334 | | 8.2 | 1.1 | .1 | | | 90 |
| Wet Bulb | 4128156 | 95598 | 41.0 | 9.474 | 2332 | | 16.9 | .3 | | | | 90 |
| Dew Point | 3489221 | 86079 | 36.9 | 11.567 | 2332 | | 34.2 | .1 | | | | 90 |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 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 |
| 68/ 67 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | | |
| 66/ 65 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 1 | |
| 64/ 63 | | .2 | .1 | | .1 | .0 | | | | | | | | | | | | 13 | 13 | 1 | 2 |
| 62/ 61 | .0 | .2 | .2 | .2 | | .1 | | | | | | | | | | | | 18 | 18 | 11 | 2 |
| 60/ 59 | .0 | .4 | .0 | | | | | | | | | | | | | | | 11 | 11 | 12 | 13 |
| 58/ 57 | .1 | .4 | .0 | | | | .0 | | | | | | | | | | | 14 | 14 | 16 | 11 |
| 56/ 55 | .0 | .5 | .4 | .2 | | | | | | | | | | | | | | 28 | 28 | 14 | 15 |
| 54/ 53 | .2 | .6 | .1 | .1 | | | | | | | | | | | | | | 27 | 27 | 26 | 19 |
| 52/ 51 | .1 | .6 | .2 | .0 | | .0 | .0 | | | | | | | | | | | 24 | 24 | 27 | 24 |
| 50/ 49 | .3 | 1.0 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 49 | 49 | 40 | 36 |
| 48/ 47 | .8 | 1.0 | .5 | .0 | .3 | | | | | | | | | | | | | 68 | 70 | 55 | 42 |
| 46/ 45 | .8 | 1.8 | .6 | .6 | .2 | | | | | | | | | | | | | 99 | 99 | 59 | 60 |
| 44/ 43 | 1.0 | 1.7 | 1.2 | .5 | .2 | .0 | | | | | | | | | | | | 118 | 120 | 87 | 67 |
| 42/ 41 | .7 | 2.1 | 1.5 | .5 | .3 | | | | | | | | | | | | | 125 | 129 | 90 | 68 |
| 40/ 39 | 1.2 | 2.3 | 2.1 | .7 | .2 | | | | | | | | | | | | | 162 | 165 | 151 | 94 |
| 38/ 37 | 1.0 | 3.0 | 1.6 | .9 | .2 | | | | | | | | | | | | | 166 | 166 | 121 | 102 |
| 36/ 35 | .4 | 3.7 | 3.9 | .4 | .0 | | | | | | | | | | | | | 206 | 206 | 164 | 89 |
| 34/ 33 | 1.0 | 3.9 | 3.4 | | .0 | | | | | | | | | | | | | 219 | 219 | 184 | 133 |
| 32/ 31 | .5 | 3.7 | 2.9 | .6 | | | | | | | | | | | | | | 193 | 193 | 244 | 197 |
| 30/ 29 | .6 | 3.7 | 2.9 | .4 | | | | | | | | | | | | | | 192 | 192 | 198 | 160 |
| 28/ 27 | .6 | 2.7 | 2.4 | .0 | | | | | | | | | | | | | | 141 | 141 | 188 | 156 |
| 26/ 25 | .3 | 3.1 | 2.7 | .2 | | | | | | | | | | | | | | 157 | 157 | 163 | 163 |
| 24/ 23 | .3 | 2.5 | 2.0 | .0 | | | | | | | | | | | | | | 120 | 121 | 149 | 134 |
| 22/ 21 | .1 | 2.5 | 1.6 | | | | | | | | | | | | | | | 102 | 102 | 130 | 129 |
| 20/ 19 | | 2.9 | 1.0 | | | | | | | | | | | | | | | 97 | 97 | 116 | 119 |
| 18/ 17 | .2 | 1.4 | .4 | | | | | | | | | | | | | | | 49 | 49 | 108 | 119 |
| 16/ 15 | .1 | 1.7 | .2 | | | | | | | | | | | | | | | 49 | 49 | 55 | 121 |
| 14/ 13 | | .6 | .1 | | | | | | | | | | | | | | | 17 | 17 | 44 | 97 |
| 12/ 11 | | .3 | .1 | | | | | | | | | | | | | | | 9 | 9 | 15 | 83 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 79 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 63 |
| 6/ 5 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 54 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 2/ 1 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 22 |

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

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (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 |
| 0/ -1 | .0 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10.7 | 49.0 | 32.2 | 6.1 | 1.7 | .3 | .1 | | | | | | | | | | | | | 2496 | | 2484 |
| | | | | | | | | | | | | | | | | | | | 2484 | | 2484 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14809808 | 188158 | 75.7 | 14.980 | 2484 | | | | | | | |
| Dry Bulb | 3122885 | 84577 | 33.9 | 10.149 | 2496 | .1 | 42.3 | .1 | | | | 93 |
| Wet Bulb | 2722681 | 78299 | 31.5 | 10.126 | 2484 | .1 | 53.4 | | | | | 93 |
| Dew Point | 2167123 | 66225 | 26.7 | 12.710 | 2484 | .8 | 63.9 | | | | | 93 |

USAFETAC FORM 0-26-5 (01, A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45, 50-72 YEARS | DEC MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/ 67 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | | |
| 64/ 63 | | .2 | | | | | | | | .0 | | | | | | | | 7 | 7 | 2 | |
| 62/ 61 | | .3 | .2 | .2 | | .0 | | | | | | | | | | | | 17 | 17 | 7 | 6 |
| 60/ 59 | | .3 | .1 | | .1 | | | | | | | | | | | | | 12 | 12 | 11 | 6 |
| 58/ 57 | | .2 | .2 | .0 | | | | | | | | | | | | | | 9 | 9 | 8 | 10 |
| 56/ 55 | | .7 | .4 | .0 | | | | | | | | | | | | | | 28 | 28 | 16 | 11 |
| 54/ 53 | .3 | .4 | .3 | .2 | .0 | .1 | | | | | | | | | | | | 32 | 32 | 26 | 17 |
| 52/ 51 | .2 | .4 | .2 | .1 | | | | | | | | | | | | | | 25 | 25 | 33 | 29 |
| 50/ 49 | .7 | .9 | .1 | .1 | | .2 | | | | | | | | | | | | 49 | 49 | 42 | 36 |
| 48/ 47 | .6 | .9 | .3 | .2 | .2 | .0 | | | | | | | | | | | | 55 | 56 | 41 | 53 |
| 46/ 45 | .8 | 1.9 | .2 | .5 | .2 | | | | | | | | | | | | | 87 | 87 | 67 | 49 |
| 44/ 43 | .9 | 1.5 | .9 | .3 | .1 | .0 | | | | | | | | | | | | 95 | 96 | 73 | 59 |
| 42/ 41 | .8 | 2.2 | 1.5 | .4 | .3 | .0 | | | | | | | | | | | | 131 | 131 | 81 | 64 |
| 40/ 39 | .8 | 2.1 | 1.9 | .4 | .1 | | | | | | | | | | | | | 131 | 137 | 120 | 72 |
| 38/ 37 | 1.3 | 2.9 | 1.9 | 1.0 | .0 | | | | | | | | | | | | | 176 | 176 | 135 | 92 |
| 36/ 35 | 1.0 | 3.7 | 2.8 | .7 | .1 | | | | | | | | | | | | | 206 | 206 | 179 | 105 |
| 34/ 33 | 1.0 | 3.7 | 3.0 | .2 | | | | | | | | | | | | | | 195 | 195 | 177 | 142 |
| 32/ 31 | 1.0 | 3.7 | 3.0 | .6 | | | | | | | | | | | | | | 206 | 206 | 232 | 146 |
| 30/ 29 | .6 | 3.3 | 3.7 | .3 | | | | | | | | | | | | | | 197 | 197 | 190 | 160 |
| 28/ 27 | .6 | 3.5 | 2.1 | .2 | | | | | | | | | | | | | | 157 | 157 | 190 | 149 |
| 26/ 25 | .5 | 2.7 | 1.9 | .0 | | | | | | | | | | | | | | 129 | 129 | 169 | 158 |
| 24/ 23 | .4 | 3.2 | 1.6 | | | | | | | | | | | | | | | 129 | 129 | 150 | 144 |
| 22/ 21 | .2 | 2.8 | 1.3 | | | | | | | | | | | | | | | 107 | 107 | 123 | 149 |
| 20/ 19 | .1 | 3.6 | .7 | .0 | | | | | | | | | | | | | | 111 | 111 | 121 | 130 |
| 18/ 17 | .2 | 2.2 | .3 | | | | | | | | | | | | | | | 67 | 67 | 106 | 99 |
| 16/ 15 | .3 | 1.9 | .2 | | | | | | | | | | | | | | | 59 | 59 | 82 | 123 |
| 14/ 13 | .1 | 1.1 | .1 | | | | | | | | | | | | | | | 33 | 33 | 47 | 100 |
| 12/ 11 | .0 | .7 | .0 | | | | | | | | | | | | | | | 19 | 19 | 33 | 96 |
| 10/ 9 | .0 | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 12 | 67 |
| 8/ 7 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | 77 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 3 | 47 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 35 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 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 JUL 64

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (MONTH)

PAGE 2 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 |
| 0/ -1 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 15 |
| -2/ -3 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 2 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 12.6 | 51.4 | 29.0 | 5.4 | 1.0 | .4 | | | | .0 | | | | | | | | | 2490 | | 2482 |
| | | | | | | | | | | | | | | | | | | 2482 | | 2482 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 15136913 | 190421 | 76.7 | 14.584 | 2482 | | | | | | | |
| Dry Bulb | 2981621 | 82247 | 33.0 | 10.317 | 2490 | .1 | 45.7 | .0 | | | | 93 |
| Wet Bulb | 2621292 | 76548 | 30.8 | 10.246 | 2482 | .1 | 54.9 | | | | | 93 |
| Dew Point | 2100831 | 64977 | 26.2 | 12.694 | 2482 | 1.2 | 64.9 | | | | | 93 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (YEARS) DEC (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 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 62/ 61 | .0 | .2 | .3 | .0 | | | | | | | | | | | | | | 16 | 16 | 5 | 2 |
| 60/ 59 | .1 | .4 | .2 | .0 | | | | | | | | | | | | | | 18 | 18 | 11 | 9 |
| 58/ 57 | .0 | .3 | .2 | .1 | | | | | | | | | | | | | | 16 | 16 | 16 | 9 |
| 56/ 55 | .4 | .4 | .2 | .1 | | | | | | | | | | | | | | 25 | 25 | 24 | 20 |
| 54/ 53 | .1 | .4 | .1 | .1 | | | | | | | | | | | | | | 18 | 18 | 23 | 20 |
| 52/ 51 | .3 | .7 | .1 | .2 | .0 | | | | | | | | | | | | | 33 | 35 | 22 | 26 |
| 50/ 49 | .5 | 1.1 | .1 | .2 | .0 | | | | | | | | | | | | | 50 | 50 | 36 | 31 |
| 48/ 47 | .6 | 1.4 | .3 | .3 | .1 | | | | | | | | | | | | | 65 | 65 | 51 | 46 |
| 46/ 45 | .7 | 1.3 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 65 | 65 | 70 | 58 |
| 44/ 43 | .9 | 1.8 | .9 | .2 | .1 | | | | | | | | | | | | | 100 | 100 | 65 | 54 |
| 42/ 41 | .9 | 2.2 | 1.0 | .6 | .1 | | | | | | | | | | | | | 119 | 119 | 83 | 59 |
| 40/ 39 | .8 | 2.5 | 1.5 | .8 | .1 | | | | | | | | | | | | | 141 | 147 | 105 | 81 |
| 38/ 37 | .9 | 3.0 | 2.5 | .9 | | | | | | | | | | | | | | 182 | 182 | 130 | 94 |
| 36/ 35 | 1.0 | 3.3 | 2.8 | 1.1 | .0 | | | | | | | | | | | | | 203 | 203 | 168 | 105 |
| 34/ 33 | 1.1 | 3.7 | 2.7 | .4 | | | | | | | | | | | | | | 199 | 199 | 191 | 124 |
| 32/ 31 | 1.4 | 3.5 | 3.0 | .5 | | | | | | | | | | | | | | 211 | 211 | 235 | 152 |
| 30/ 29 | .5 | 4.0 | 2.9 | .2 | .1 | | | | | | | | | | | | | 194 | 194 | 192 | 155 |
| 28/ 27 | .4 | 3.2 | 1.7 | .2 | | | | | | | | | | | | | | 135 | 135 | 189 | 121 |
| 26/ 25 | .5 | 4.3 | 2.2 | .1 | | | | | | | | | | | | | | 176 | 176 | 175 | 149 |
| 24/ 23 | .3 | 3.2 | 1.3 | .0 | | | | | | | | | | | | | | 120 | 120 | 164 | 161 |
| 22/ 21 | .1 | 2.7 | 1.1 | | | | | | | | | | | | | | | 98 | 98 | 127 | 182 |
| 20/ 19 | .2 | 3.2 | .8 | | | | | | | | | | | | | | | 104 | 104 | 109 | 120 |
| 18/ 17 | .1 | 2.3 | .3 | | | | | | | | | | | | | | | 69 | 69 | 108 | 112 |
| 16/ 15 | .2 | 2.1 | .0 | | | | | | | | | | | | | | | 57 | 57 | 75 | 109 |
| 14/ 13 | .1 | 1.4 | | | | | | | | | | | | | | | | 37 | 37 | 49 | 103 |
| 12/ 11 | .1 | .8 | | | | | | | | | | | | | | | | 21 | 21 | 41 | 89 |
| 10/ 9 | | .3 | | | | | | | | | | | | | | | | 8 | 8 | 14 | 74 |
| 8/ 7 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 4 | 90 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 3 | 46 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 32 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 0/ -1 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 17 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | 1 | |

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

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

DATA PROCESSING BRANCH
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3

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 42-45,50-72 YEARS — DEC MONTH

PAGE 2 — 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 12 | 253 | 92 | 6.8 | 6.4 | .0 | .0 | | | | | | | | | | | 2496 | | | 2488 |
| | | | | | | | | | | | | | | | | | 2488 | | 2488 | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | > 67 F | ≥ 73 F | > 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15275736 | 191660 | 77.0 | 14.340 | 2488 | | | | | | | |
| Dry Bulb | 2956506 | 81992 | 32.8 | 10.269 | 2496 | .1 | 46.1 | | | | | 93 |
| Wet Bulb | 2609047 | 76421 | 30.7 | 10.258 | 2488 | .1 | 55.6 | | | | | 93 |
| Dew Point | 2096781 | 64965 | 26.1 | 12.689 | 2488 | 1.0 | 65.4 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | .0 | .0 | | .1 | | | | | | | | | | | | 4 | 4 | | |
| 68/ 67 | | | .1 | .0 | .0 | | .0 | | | | | | | | | | | 5 | 5 | | |
| 66/ 65 | | .0 | .2 | .1 | .1 | .0 | | | | | | | | | | | | 12 | 12 | 1 | |
| 64/ 63 | .1 | .1 | .4 | .2 | | | | | | | | | | | | | | 21 | 21 | 7 | 3 |
| 62/ 61 | .0 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 11 | 6 |
| 60/ 59 | .0 | .4 | .1 | .2 | .0 | | .1 | | .0 | | | | | | | | | 24 | 24 | 27 | 14 |
| 58/ 57 | .1 | .4 | . | .0 | .1 | .1 | .1 | | | | | | | | | | | 29 | 29 | 22 | 19 |
| 56/ 55 | .3 | .4 | .1 | .0 | .2 | .1 | | | | | | | | | | | | 29 | 29 | 25 | 30 |
| 54/ 53 | .1 | .4 | .4 | .3 | .3 | .0 | | | | | | | | | | | | 40 | 41 | 30 | 25 |
| 52/ 51 | .2 | .8 | .4 | .6 | .4 | .1 | | | | | | | | | | | | 61 | 62 | 28 | 23 |
| 50/ 49 | .3 | .9 | .8 | .5 | .3 | .2 | .1 | | | | | | | | | | | 78 | 82 | 43 | 30 |
| 48/ 47 | .5 | 1.2 | 1.2 | .8 | .4 | .3 | .0 | | | | | | | | | | | 108 | 108 | 63 | 47 |
| 46/ 45 | .6 | 1.9 | 1.2 | 1.0 | .4 | .2 | | | | | | | | | | | | 133 | 133 | 101 | 62 |
| 44/ 43 | .7 | 2.0 | 1.3 | 1.5 | .8 | .0 | | | | | | | | | | | | 159 | 160 | 121 | 62 |
| 42/ 41 | .8 | 1.8 | 1.4 | 1.8 | .8 | | | | | | | | | | | | | 164 | 167 | 132 | 96 |
| 40/ 39 | .6 | 2.3 | 2.7 | 3.2 | .6 | | | | | | | | | | | | | 239 | 241 | 145 | 112 |
| 38/ 37 | .6 | 2.5 | 1.9 | 2.7 | .6 | | | | | | | | | | | | | 205 | 205 | 188 | 121 |
| 36/ 35 | .6 | 2.3 | 3.3 | 2.4 | .2 | | | | | | | | | | | | | 218 | 218 | 201 | 123 |
| 34/ 33 | .3 | 2.3 | 3.1 | 2.1 | .2 | | | | | | | | | | | | | 199 | 199 | 219 | 125 |
| 32/ 31 | .3 | 1.6 | 3.2 | 1.8 | .2 | | | | | | | | | | | | | 175 | 175 | 227 | 140 |
| 30/ 29 | .1 | 1.1 | 2.5 | 1.0 | .0 | | | | | | | | | | | | | 117 | 118 | 186 | 150 |
| 28/ 27 | .1 | 1.2 | 3.1 | .5 | | | | | | | | | | | | | | 120 | 120 | 159 | 128 |
| 26/ 25 | .2 | 1.3 | 2.5 | .3 | | | | | | | | | | | | | | 105 | 105 | 143 | 152 |
| 24/ 23 | .2 | .8 | 2.0 | .1 | | | | | | | | | | | | | | 78 | 78 | 132 | 175 |
| 22/ 21 | .0 | 1.0 | 1.6 | | | | | | | | | | | | | | | 66 | 66 | 92 | 139 |
| 20/ 19 | | .7 | .6 | .0 | | | | | | | | | | | | | | 34 | 34 | 83 | 106 |
| 18/ 17 | .0 | .6 | .4 | | | | | | | | | | | | | | | 25 | 25 | 44 | 113 |
| 16/ 15 | | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 30 | 109 |
| 14/ 13 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 12 | 101 |
| 12/ 11 | | .2 | .1 | | | | | | | | | | | | | | | 7 | 7 | 3 | 71 |
| 10/ 9 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 10 | 64 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 47 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | 1 | 33 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 28 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | 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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 10 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 11 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 6 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 6.8 | 29.5 | 35.0 | 21.3 | 5.6 | 1.2 | .4 | | .0 | | | | | | | | | 2488 | 2501 | 2488 | 2488 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 12791968 | 173336 | 69.7 | 16.966 | 2488 | | | | | | | |
| Dry Bulb | 3799547 | 94221 | 37.7 | 9.999 | 2501 | | 27.7 | .3 | | | | 93 |
| Wet Bulb | 3158684 | 85182 | 34.2 | 9.870 | 2486 | | 42.0 | | | | | 93 |
| Dew Point | 2367972 | 69778 | 28.0 | 12.855 | 2488 | .9 | 59.4 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 63 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | .2 | | .1 | | | | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | | .1 | .2 | .2 | .1 | | | | | | | | | | | | 17 | 17 | | |
| 68/ 67 | | | | .0 | .0 | .0 | | | | | | | | | | | | 3 | 3 | 3 | |
| 66/ 65 | | .2 | .1 | .1 | .2 | .2 | | .0 | | | | | | | | | | 21 | 21 | 7 | 2 |
| 64/ 63 | .0 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | 24 | 24 | 11 | 8 |
| 62/ 61 | .0 | .4 | .2 | .1 | .1 | .1 | .2 | .2 | | | | | | | | | | 33 | 33 | 25 | 11 |
| 60/ 59 | .1 | .2 | .2 | .1 | .5 | .1 | .4 | .0 | | | | | | | | | | 45 | 45 | 18 | 19 |
| 58/ 57 | | .6 | .5 | .3 | .2 | .5 | .4 | .0 | .1 | | | | | | | | | 69 | 65 | 28 | 16 |
| 56/ 55 | .1 | .4 | .3 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | | 54 | 54 | 33 | 31 |
| 54/ 53 | .0 | .4 | .6 | .7 | .4 | .6 | .2 | .1 | | | | | | | | | | 76 | 76 | 31 | 26 |
| 52/ 51 | .2 | .6 | .5 | 1.2 | .7 | .6 | .1 | | | | | | | | | | | 98 | 101 | 52 | 29 |
| 50/ 49 | .2 | 1.0 | 1.0 | .9 | 1.2 | .4 | .2 | .0 | | | | | | | | | | 123 | 123 | 69 | 31 |
| 48/ 47 | .3 | 1.4 | 1.1 | 1.0 | 1.4 | .7 | .3 | .0 | | | | | | | | | | 156 | 156 | 117 | 58 |
| 46/ 45 | .5 | 1.4 | 1.2 | 1.3 | 1.9 | .4 | .1 | | | | | | | | | | | 170 | 170 | 121 | 81 |
| 44/ 43 | .6 | 1.2 | 1.4 | 1.7 | 1.4 | .3 | .0 | | | | | | | | | | | 166 | 167 | 144 | 76 |
| 42/ 41 | .6 | 1.2 | 1.6 | 1.9 | 2.1 | .4 | | | | | | | | | | | | 195 | 196 | 149 | 100 |
| 40/ 39 | .5 | 1.6 | 1.6 | 3.3 | 1.6 | .1 | .0 | | | | | | | | | | | 218 | 218 | 178 | 95 |
| 38/ 37 | .3 | 1.6 | 1.2 | 3.5 | 1.0 | .1 | | | | | | | | | | | | 195 | 195 | 205 | 117 |
| 36/ 35 | .3 | 1.4 | 1.8 | 3.6 | .9 | | | | | | | | | | | | | 200 | 200 | 187 | 138 |
| 34/ 33 | .2 | 1.0 | 1.0 | 2.8 | .6 | | | | | | | | | | | | | 139 | 139 | 219 | 125 |
| 32/ 31 | .3 | 1.0 | 1.1 | 2.4 | .4 | | | | | | | | | | | | | 131 | 131 | 212 | 142 |
| 30/ 29 | | .5 | 1.9 | 2.0 | .2 | | | | | | | | | | | | | 116 | 117 | 167 | 130 |
| 28/ 27 | .0 | .8 | 2.2 | .8 | | | | | | | | | | | | | | 95 | 95 | 129 | 102 |
| 26/ 25 | .2 | .4 | 1.3 | .7 | | | | | | | | | | | | | | 67 | 67 | 151 | 165 |
| 24/ 23 | .0 | .3 | 1.1 | .3 | | | | | | | | | | | | | | 43 | 43 | 115 | 146 |
| 22/ 21 | .0 | .2 | .5 | | | | | | | | | | | | | | | 17 | 17 | 51 | 155 |
| 20/ 19 | | .1 | .2 | | | | | | | | | | | | | | | 8 | 8 | 42 | 117 |
| 18/ 17 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 17 | 110 |
| 16/ 15 | | | .2 | | | | | | | | | | | | | | | 4 | 4 | 5 | 134 |
| 14/ 13 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 3 | 91 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 4 | 64 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 41 |
| 8/ 7 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 42 |

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

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 33 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 26 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 16 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.7 | 18.1 | 23.3 | 29.6 | 15.8 | 5.3 | 2.2 | .6 | .1 | | | | | | | | | | 2502 | | 2495 |
| | | | | | | | | | | | | | | | | | | 2496 | | 2496 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10777375 | 157195 | 63.0 | 18.753 | 2496 | | | | | | | |
| Dry Bulb | 4547828 | 103582 | 41.4 | 10.187 | 2502 | | 18.2 | 1.1 | .1 | | | 93 |
| Wet Bulb | 3589736 | 91482 | 36.7 | 9.742 | 2496 | | 33.5 | .1 | | | | 93 |
| Dew Point | 2498856 | 71854 | 28.8 | 13.123 | 2495 | .7 | 57.1 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

3

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | .0 | | .1 | | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | | .0 | .0 | .0 | .1 | | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | | .0 | .1 | .0 | .1 | .0 | .1 | | | | | | | | | | | 10 | 10 | 1 | |
| 66/ 65 | | .1 | .3 | .0 | .1 | | .0 | | | | | | | | | | | 15 | 15 | 4 | 1 |
| 64/ 63 | | .1 | .1 | .3 | | .1 | .0 | .0 | | | | | | | | | | 18 | 18 | 7 | 5 |
| 62/ 61 | | .3 | .4 | .2 | .1 | .2 | | .0 | .0 | | | | | | | | | 28 | 28 | 15 | 9 |
| 60/ 59 | .1 | .2 | .2 | .2 | .2 | .1 | .2 | | | | | | | | | | | 30 | 30 | 21 | 10 |
| 58/ 57 | .2 | .3 | .2 | .2 | .2 | .3 | .1 | .0 | | | | | | | | | | 37 | 37 | 34 | 17 |
| 56/ 55 | | .2 | .4 | .4 | .5 | .4 | .0 | .1 | | | | | | | | | | 50 | 50 | 11 | 29 |
| 54/ 53 | | .6 | .4 | .6 | .5 | .5 | .1 | | | | | | | | | | | 66 | 66 | 27 | 22 |
| 52/ 51 | .3 | .9 | .8 | .5 | .8 | .5 | .1 | | | | | | | | | | | 95 | 96 | 43 | 19 |
| 50/ 49 | .3 | 1.4 | .8 | .8 | .5 | .1 | .1 | | | | | | | | | | | 98 | 99 | 67 | 36 |
| 48/ 47 | .3 | 1.6 | 1.0 | 1.0 | 1.1 | .6 | .2 | | | | | | | | | | | 142 | 142 | 117 | 66 |
| 46/ 45 | .4 | 1.2 | 1.4 | 1.4 | 1.2 | .5 | | | | | | | | | | | | 152 | 152 | 112 | 56 |
| 44/ 43 | 1.0 | 2.0 | 2.0 | 1.8 | .7 | .2 | | | | | | | | | | | | 191 | 191 | 127 | 101 |
| 42/ 41 | .6 | 1.8 | 1.3 | 1.9 | 1.3 | .2 | | | | | | | | | | | | 182 | 182 | 163 | 98 |
| 40/ 39 | .9 | 1.4 | 2.4 | 2.8 | 1.2 | .2 | | | | | | | | | | | | 226 | 226 | 197 | 115 |
| 38/ 37 | .2 | 1.6 | 1.8 | 3.2 | 1.0 | .0 | | | | | | | | | | | | 198 | 198 | 165 | 117 |
| 36/ 35 | .2 | 2.0 | 2.6 | 2.7 | .9 | .0 | | | | | | | | | | | | 212 | 212 | 196 | 139 |
| 34/ 33 | .2 | 1.6 | 2.1 | 2.1 | .6 | | | | | | | | | | | | | 165 | 165 | 212 | 118 |
| 32/ 31 | .5 | 1.2 | 2.3 | 2.6 | .5 | | | | | | | | | | | | | 176 | 176 | 228 | 157 |
| 30/ 29 | .2 | .5 | 2.2 | 2.0 | .1 | | | | | | | | | | | | | 127 | 127 | 166 | 141 |
| 28/ 27 | .1 | 1.0 | 2.3 | 1.0 | | | | | | | | | | | | | | 107 | 107 | 158 | 120 |
| 26/ 25 | .2 | .6 | 1.6 | .6 | | | | | | | | | | | | | | 76 | 76 | 165 | 139 |
| 24/ 23 | | .7 | .8 | .2 | | | | | | | | | | | | | | 42 | 42 | 123 | 147 |
| 22/ 21 | | .2 | .7 | | | | | | | | | | | | | | | 21 | 21 | 68 | 133 |
| 20/ 19 | .0 | .2 | .4 | | | | | | | | | | | | | | | 16 | 16 | 34 | 104 |
| 18/ 17 | | | .2 | | | | | | | | | | | | | | | 4 | 4 | 22 | 119 |
| 16/ 15 | | | .2 | | | | | | | | | | | | | | | 4 | 4 | 6 | 143 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 96 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 51 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 41 |
| 6/ 5 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 33 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

3

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 26 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 19 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 7 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 4 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.9 | 22.0 | 28.7 | 26.5 | 11.6 | 4.0 | 1.0 | .2 | .0 | | | | | | | | | 2501 | 2503 | 2501 | 2501 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11617607 | 163981 | 65.6 | 18.612 | 2501 | | | | | | | |
| Dry Bulb | 4250702 | 100238 | 40.0 | 9.721 | 2503 | | 21.4 | .7 | | | | 93 |
| Wet Bulb | 3439432 | 89676 | 35.9 | 9.466 | 2501 | | 36.5 | .0 | | | | 93 |
| Dew Point | 2464957 | 71533 | 28.6 | 12.941 | 2501 | 1.2 | 57.4 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC MONTH

PAGE 1 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 66/ 65 | .0 | .2 | .1 | .0 | | | | | | | | | | | | | | 8 | 8 | 1 | 1 |
| 64/ 63 | | .1 | .3 | .0 | | .0 | | | | | | | | | | | | 13 | 13 | 5 | 2 |
| 62/ 61 | | .2 | .2 | .1 | | | | | | | | | | | | | | 13 | 13 | 11 | 5 |
| 60/ 59 | .0 | .2 | .4 | .1 | .0 | | | | | | | | | | | | | 21 | 21 | 12 | 9 |
| 58/ 57 | .2 | .2 | .2 | | | | | | | | | | | | | | | 13 | 13 | 19 | 18 |
| 56/ 55 | | .3 | .2 | .3 | .2 | | | | | | | | | | | | | 23 | 23 | 16 | 12 |
| 54/ 53 | .2 | .6 | .4 | .3 | .0 | | | | | | | | | | | | | 38 | 38 | 18 | 21 |
| 52/ 51 | .2 | 1.3 | .3 | .4 | .2 | | .0 | | | | | | | | | | | 60 | 60 | 40 | 27 |
| 50/ 49 | .1 | .9 | .8 | .4 | .4 | .1 | | | | | | | | | | | | 67 | 67 | 53 | 41 |
| 48/ 47 | .4 | 1.3 | .9 | .8 | .1 | .0 | .0 | | | | | | | | | | | 87 | 87 | 46 | 42 |
| 46/ 45 | .7 | 2.3 | .7 | .8 | .4 | .2 | | | | | | | | | | | | 126 | 126 | 100 | 55 |
| 44/ 43 | 1.0 | 2.5 | 1.9 | 1.1 | .3 | .0 | | | | | | | | | | | | 168 | 168 | 117 | 90 |
| 42/ 41 | 1.0 | 1.7 | 1.7 | 1.2 | .3 | .1 | | | | | | | | | | | | 148 | 149 | 129 | 110 |
| 40/ 39 | .8 | 2.5 | 2.8 | 1.5 | .3 | | | | | | | | | | | | | 196 | 199 | 150 | 93 |
| 38/ 37 | .5 | 2.3 | 3.0 | 1.4 | .2 | | | | | | | | | | | | | 187 | 187 | 168 | 94 |
| 36/ 35 | .8 | 2.6 | 3.1 | 1.7 | .1 | | | | | | | | | | | | | 207 | 207 | 175 | 123 |
| 34/ 33 | .6 | 3.4 | 3.3 | 1.6 | .0 | | | | | | | | | | | | | 221 | 221 | 219 | 143 |
| 32/ 31 | .5 | 2.5 | 3.9 | 1.1 | .1 | | | | | | | | | | | | | 201 | 201 | 204 | 157 |
| 30/ 29 | .3 | 2.4 | 4.2 | 1.5 | | | | | | | | | | | | | | 208 | 208 | 198 | 166 |
| 28/ 27 | .1 | 1.2 | 3.7 | .8 | | | | | | | | | | | | | | 142 | 142 | 198 | 112 |
| 26/ 25 | .3 | 1.2 | 2.9 | .5 | | | | | | | | | | | | | | 124 | 124 | 180 | 163 |
| 24/ 23 | .1 | .9 | 1.8 | .0 | | | | | | | | | | | | | | 71 | 71 | 140 | 129 |
| 22/ 21 | | .9 | 1.0 | | | | | | | | | | | | | | | 48 | 48 | 113 | 126 |
| 20/ 19 | .1 | .5 | .8 | .0 | | | | | | | | | | | | | | 35 | 35 | 66 | 131 |
| 18/ 17 | | .6 | .8 | | | | | | | | | | | | | | | 33 | 33 | 39 | 123 |
| 16/ 15 | | .4 | .1 | | | | | | | | | | | | | | | 12 | 12 | 39 | 106 |
| 14/ 13 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 14 | 100 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 79 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 48 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 56 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 30 |
| 4/ 3 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 27 |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 15 |

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

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION — DOVER AFB DELAWARE STATION NAME — 42-45,50-72 YEARS — DEC MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL. | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 1 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7,9 | 33,6 | 39,8 | 15,7 | 2,5 | ,4 | ,1 | | | | | | | | | | | | 2486 | | 2482 |
| | | | | | | | | | | | | | | | | | | 2482 | | 2482 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 13548599 | 178755 | 72,0 | 16,489 | 2482 | | | | | | | |
| Dry Bulb | 3532966 | 90714 | 36,5 | 9,469 | 2486 | | 33,1 | ,0 | | | | 93 |
| Wet Bulb | 3018496 | 83216 | 33,5 | 9,596 | 2482 | ,1 | 45,1 | | | | | 93 |
| Dew Point | 2325904 | 69094 | 27,8 | 12,736 | 2482 | 1,0 | 59,8 | | | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 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 |
| 68/ 67 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | .0 | .1 | .2 | | .1 | | | | | | | | | | | | | 10 | 10 | 2 | |
| 64/ 63 | | .2 | .1 | .1 | | | | | | | | | | | | | | 9 | 9 | 1 | 3 |
| 62/ 61 | | .3 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 15 | 2 |
| 60/ 59 | .0 | .4 | .2 | .1 | .2 | | | | | | | | | | | | | 22 | 22 | 10 | 13 |
| 58/ 57 | .2 | .5 | .1 | .0 | .0 | .1 | | | | | | | | | | | | 22 | 22 | 21 | 17 |
| 56/ 55 | .1 | .3 | .4 | .0 | .0 | | | | | | | | | | | | | 22 | 22 | 17 | 21 |
| 54/ 53 | .2 | .5 | .2 | .1 | .0 | | | | | | | | | | | | | 24 | 24 | 24 | 12 |
| 52/ 51 | .2 | .8 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 38 | 38 | 31 | 29 |
| 50/ 49 | .2 | .9 | .6 | .1 | .1 | .1 | | | | | | | | | | | | 49 | 50 | 39 | 30 |
| 48/ 47 | .3 | 1.3 | .5 | .8 | .2 | | | | | | | | | | | | | 77 | 78 | 41 | 37 |
| 46/ 45 | 1.0 | 2.3 | .8 | .5 | .1 | .1 | | | | | | | | | | | | 122 | 122 | 86 | 60 |
| 44/ 43 | 1.3 | 1.6 | 1.5 | .3 | .2 | | | | | | | | | | | | | 120 | 122 | 101 | 86 |
| 42/ 41 | 1.0 | 2.3 | 1.3 | .8 | .3 | .0 | | | | | | | | | | | | 141 | 142 | 123 | 93 |
| 40/ 39 | 1.2 | 2.2 | 2.3 | .6 | .1 | .2 | | | | | | | | | | | | 164 | 167 | 139 | 95 |
| 38/ 37 | .5 | 3.7 | 2.3 | .8 | .0 | | | | | | | | | | | | | 183 | 183 | 120 | 101 |
| 36/ 35 | .5 | 2.5 | 4.2 | .6 | .1 | | | | | | | | | | | | | 194 | 194 | 187 | 100 |
| 34/ 33 | .5 | 5.0 | 3.2 | .5 | .0 | | | | | | | | | | | | | 231 | 231 | 166 | 130 |
| 32/ 31 | .8 | 3.1 | 3.0 | 1.1 | | | | | | | | | | | | | | 201 | 201 | 258 | 150 |
| 30/ 29 | .4 | 2.8 | 3.8 | .5 | | | | | | | | | | | | | | 185 | 185 | 201 | 176 |
| 28/ 27 | .2 | 3.0 | 3.0 | .4 | | | | | | | | | | | | | | 163 | 163 | 162 | 144 |
| 26/ 25 | .2 | 2.2 | 3.1 | .4 | | | | | | | | | | | | | | 147 | 148 | 190 | 154 |
| 24/ 23 | .2 | 1.9 | 2.0 | .1 | | | | | | | | | | | | | | 102 | 102 | 146 | 131 |
| 22/ 21 | .1 | 2.1 | 1.4 | | | | | | | | | | | | | | | 88 | 88 | 132 | 121 |
| 20/ 19 | | 1.5 | 1.0 | | | | | | | | | | | | | | | 62 | 62 | 113 | 124 |
| 18/ 17 | .1 | .7 | .6 | | | | | | | | | | | | | | | 34 | 34 | 59 | 109 |
| 16/ 15 | | .8 | .4 | | | | | | | | | | | | | | | 29 | 29 | 33 | 126 |
| 14/ 13 | | .5 | .2 | | | | | | | | | | | | | | | 16 | 16 | 31 | 104 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 18 | 89 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 56 |
| 8/ 7 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 55 |
| 6/ 5 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 29 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | 1 | 28 |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | | 23 |

| 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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

3

# PSYCHROMETRIC SUMMARY

13707 STATION | DOVER AFB DELAWARE STATION NAME | 42-45,50-72 YEARS | DEC 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 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 3 | 12 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.2 | 43.7 | 36.6 | 8.3 | 1.7 | .5 | | | | | | | | | | | | 2478 | 2487 | 2478 | 2478 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 14461399 | 185329 | 74.8 | 15.57? | 2478 | | | | | | | |
| Dry Bulb | 3284379 | 86921 | 35.0 | 9.957 | 2487 | | 38.9 | .1 | | | | 93 |
| Wet Bulb | 2851441 | 80321 | 32.4 | 10.005 | 2478 | .1 | 50.9 | | | | | 93 |
| Dew Point | 2258118 | 67746 | 27.3 | 12.803 | 2473 | 1.1 | 61.9 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 STATION — DOVER AFB DELAWARE STATION NAME — 42-46,50-72 YEARS

| HRS (L S T) | | JAN | FEB. | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 30.9 | 32.6 | 38.7 | 47.9 | 57.0 | 65.7 | 70.4 | 69.0 | 63.3 | 52.7 | 43.2 | 33.9 | 50.5 |
| | S D | 10.203 | 9.430 | 8.783 | 8.709 | 7.466 | 6.562 | 4.984 | 5.276 | 7.528 | 8.500 | 9.629 | 10.149 | 16.288 |
| | TOTAL OBS | 2399 | 2189 | 2407 | 2322 | 2406 | 2293 | 2402 | 2412 | 2398 | 2407 | 2329 | 2496 | 28460 |
| 03-05 | MEAN | 30.1 | 31.4 | 37.4 | 46.3 | 55.5 | 64.4 | 69.1 | 67.6 | 61.9 | 51.3 | 42.1 | 33.0 | 49.2 |
| | S D | 10.570 | 9.647 | 8.944 | 8.837 | 7.573 | 6.659 | 5.186 | 5.677 | 7.890 | 8.934 | 9.706 | 10.317 | 16.272 |
| | TOTAL OBS | 2402 | 2187 | 2408 | 2324 | 2410 | 2292 | 2397 | 2410 | 2400 | 2408 | 2334 | 2496 | 28462 |
| 06-08 | MEAN | 29.7 | 31.3 | 38.1 | 48.6 | 59.1 | 68.7 | 73.0 | 70.5 | 64.0 | 52.5 | 42.3 | 32.8 | 50.9 |
| | S D | 10.574 | 9.802 | 9.297 | 8.718 | 7.634 | 6.914 | 5.113 | 5.562 | 7.757 | 8.825 | 9.736 | 10.269 | 17.575 |
| | TOTAL OBS | 2406 | 2188 | 2406 | 2324 | 2402 | 2291 | 2397 | 2402 | 2394 | 2406 | 2330 | 2496 | 28440 |
| 09-11 | MEAN | 33.9 | 36.2 | 44.3 | 55.4 | 65.7 | 75.5 | 79.7 | 77.7 | 71.8 | 60.6 | 49.0 | 37.7 | 57.3 |
| | S D | 10.185 | 10.047 | 10.385 | 9.631 | 8.546 | 7.696 | 5.626 | 5.589 | 7.633 | 8.253 | 9.320 | 9.999 | 18.415 |
| | TOTAL OBS | 2400 | 2188 | 2407 | 2321 | 2402 | 2292 | 2393 | 2415 | 2395 | 2407 | 2330 | 2501 | 28451 |
| 12-14 | MEAN | 37.8 | 40.3 | 48.2 | 59.1 | 69.1 | 78.8 | 82.7 | 81.1 | 75.3 | 64.6 | 52.9 | 41.4 | 61.0 |
| | S D | 10.281 | 10.508 | 11.160 | 10.414 | 9.214 | 8.435 | 6.197 | 6.055 | 8.120 | 8.613 | 9.607 | 10.187 | 18.415 |
| | TOTAL OBS | 2400 | 2185 | 2408 | 2321 | 2402 | 2293 | 2386 | 2400 | 2393 | 2406 | 2329 | 2502 | 28425 |
| 15-17 | MEAN | 37.0 | 40.2 | 48.2 | 59.0 | 68.9 | 78.2 | 82.1 | 80.5 | 74.4 | 63.1 | 51.0 | 40.0 | 60.3 |
| | S D | 9.782 | 9.938 | 10.799 | 10.230 | 9.273 | 8.467 | 6.469 | 5.802 | 7.847 | 8.318 | 9.190 | 9.721 | 16.336 |
| | TOTAL OBS | 2404 | 2186 | 2408 | 2317 | 2404 | 2293 | 2405 | 2409 | 2397 | 2403 | 2331 | 2503 | 28460 |
| 18-20 | MEAN | 33.4 | 36.0 | 43.6 | 54.1 | 64.0 | 73.3 | 77.3 | 75.1 | 68.4 | 57.0 | 46.2 | 36.3 | 55.5 |
| | S D | 9.158 | 8.862 | 9.141 | 9.065 | 8.387 | 7.610 | 5.716 | 5.363 | 7.209 | 7.778 | 8.841 | 9.469 | 17.513 |
| | TOTAL OBS | 2403 | 2184 | 2406 | 2320 | 2405 | 2295 | 2397 | 2408 | 2396 | 2402 | 2323 | 2486 | 28425 |
| 21-23 | MEAN | 31.8 | 34.0 | 40.6 | 50.3 | 59.5 | 68.5 | 72.6 | 70.9 | 64.9 | 54.1 | 44.0 | 35.0 | 52.2 |
| | S D | 9.603 | 8.895 | 9.758 | 8.484 | 7.497 | 6.626 | 4.881 | 5.035 | 7.166 | 8.122 | 9.275 | 9.957 | 16.509 |
| | TOTAL OBS | 2390 | 2186 | 2407 | 2317 | 2401 | 2290 | 2404 | 2411 | 2399 | 2394 | 2334 | 2487 | 28423 |
| ALL HOURS | MEAN | 33.1 | 35.2 | 42.4 | 52.6 | 62.4 | 71.6 | 75.8 | 74.0 | 68.0 | 57.0 | 46.4 | 36.3 | 54.6 |
| | S D | 10.454 | 10.224 | 10.525 | 10.404 | 9.610 | 9.088 | 7.440 | 7.437 | 9.082 | 9.718 | 10.194 | 10.452 | 17.953 |
| | TOTAL OBS | 19202 | 17496 | 19257 | 18566 | 19232 | 18339 | 19181 | 19267 | 19172 | 19233 | 18640 | 19961 | 227546 |

USAFETAC FORM JUL 64 0-89 5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-46,50-72 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 28,6 | 30,1 | 35,7 | 44,2 | 53,5 | 62,6 | 67,3 | 66,3 | 60,8 | 50,2 | 40,6 | 31,5 | 47,7 |
| | S D | 10,124 | 9,366 | 8,711 | 8,518 | 7,596 | 6,584 | 5,127 | 5,610 | 7,853 | 8,846 | 9,733 | 10,126 | 16,188 |
| | TOTAL OBS | 2398 | 2189 | 2406 | 2322 | 2401 | 2288 | 2396 | 2410 | 2394 | 2404 | 2328 | 2484 | 28420 |
| 03-05 | MEAN | 28,0 | 29,1 | 34,7 | 43,2 | 52,7 | 61,9 | 66,7 | 65,4 | 59,9 | 49,1 | 39,8 | 30,8 | 46,8 |
| | S D | 10,475 | 9,570 | 8,955 | 8,717 | 7,793 | 6,775 | 5,418 | 6,009 | 8,246 | 9,256 | 9,850 | 10,246 | 16,313 |
| | TOTAL OBS | 2399 | 2187 | 2408 | 2322 | 2401 | 2290 | 2384 | 2404 | 2396 | 2402 | 2327 | 2482 | 28402 |
| 06-08 | MEAN | 27,7 | 29,0 | 35,3 | 44,7 | 54,9 | 64,3 | 68,8 | 67,1 | 61,2 | 50,0 | 39,9 | 30,7 | 47,8 |
| | S D | 10,561 | 9,604 | 9,246 | 8,570 | 7,535 | 6,464 | 5,020 | 5,689 | 8,009 | 9,121 | 9,847 | 10,258 | 16,991 |
| | TOTAL OBS | 2404 | 2188 | 2406 | 2323 | 2398 | 2290 | 2397 | 2399 | 2388 | 2404 | 2322 | 2488 | 28407 |
| 09-11 | MEAN | 30,9 | 32,5 | 39,1 | 48,5 | 58,0 | 66,8 | 70,9 | 69,7 | 64,4 | 54,5 | 44,3 | 34,2 | 51,2 |
| | S D | 10,023 | 9,625 | 9,368 | 8,528 | 7,532 | 6,543 | 5,013 | 5,418 | 7,441 | 8,307 | 9,259 | 9,870 | 16,507 |
| | TOTAL OBS | 2397 | 2186 | 2407 | 2321 | 2400 | 2292 | 2392 | 2414 | 2393 | 2404 | 2329 | 2488 | 28425 |
| 12-14 | MEAN | 33,5 | 35,2 | 41,5 | 50,4 | 59,4 | 67,8 | 71,5 | 70,5 | 65,4 | 56,1 | 46,3 | 36,7 | 52,9 |
| | S D | 9,748 | 9,609 | 9,204 | 8,442 | 7,427 | 6,436 | 4,940 | 5,344 | 7,275 | 8,094 | 9,084 | 9,742 | 15,835 |
| | TOTAL OBS | 2400 | 2185 | 2409 | 2321 | 2398 | 2293 | 2386 | 2400 | 2393 | 2404 | 2326 | 2496 | 28411 |
| 15-17 | MEAN | 33,0 | 35,2 | 41,6 | 50,3 | 59,3 | 67,5 | 71,3 | 70,3 | 65,1 | 55,4 | 45,2 | 35,9 | 52,5 |
| | S D | 9,354 | 9,079 | 8,894 | 8,050 | 7,261 | 6,264 | 4,743 | 5,161 | 7,078 | 8,015 | 8,974 | 9,466 | 15,769 |
| | TOTAL OBS | 2404 | 2186 | 2408 | 2317 | 2404 | 2293 | 2404 | 2408 | 2396 | 2403 | 2330 | 2501 | 28454 |
| 18-20 | MEAN | 30,5 | 32,6 | 39,0 | 47,9 | 57,3 | 66,0 | 70,0 | 68,8 | 63,1 | 52,7 | 42,5 | 33,5 | 50,4 |
| | S D | 9,104 | 8,692 | 8,468 | 7,929 | 7,201 | 6,298 | 4,716 | 5,255 | 7,201 | 8,198 | 9,171 | 9,596 | 16,086 |
| | TOTAL OBS | 2399 | 2184 | 2406 | 2320 | 2404 | 2292 | 2397 | 2408 | 2394 | 2402 | 2322 | 2482 | 28410 |
| 21-23 | MEAN | 29,3 | 31,2 | 37,0 | 45,8 | 55,1 | 64,1 | 68,3 | 67,1 | 61,5 | 51,1 | 41,0 | 32,4 | 48,7 |
| | S D | 9,579 | 8,841 | 8,544 | 8,170 | 7,230 | 6,395 | 4,909 | 5,358 | 7,426 | 8,483 | 9,474 | 10,005 | 16,069 |
| | TOTAL OBS | 2389 | 2189 | 2405 | 2317 | 2400 | 2289 | 2402 | 2411 | 2398 | 2392 | 2332 | 2478 | 28402 |
| ALL HOURS | MEAN | 30,2 | 31,9 | 38,0 | 46,9 | 56,3 | 65,1 | 69,3 | 68,1 | 62,7 | 52,4 | 42,4 | 33,2 | 49,8 |
| | S D | 10,089 | 9,597 | 9,283 | 8,768 | 7,822 | 6,799 | 5,278 | 5,780 | 7,825 | 8,907 | 9,720 | 10,136 | 16,368 |
| | TOTAL OBS | 19190 | 17496 | 19255 | 18563 | 19206 | 18327 | 19158 | 19254 | 19152 | 19215 | 18616 | 19890 | 227331 |

USAFETAC FORM JUL 64 0-89-5 (OL-1)

3

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-46,50-72 (YEARS)

| HRS (L S T) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 23.2 | 24.4 | 30.6 | 39.8 | 50.6 | 60.7 | 65.7 | 64.8 | 59.1 | 47.8 | 37.0 | 26.7 | 44.2 |
| | S D | 12.962 | 12.381 | 11.228 | 10.568 | 9.105 | 7.401 | 5.912 | 6.357 | 8.732 | 10.174 | 11.594 | 12.716 | 18.439 |
| | TOTAL OBS | 2398 | 2189 | 2406 | 2322 | 2401 | 2288 | 2396 | 2410 | 2394 | 2404 | 2328 | 2484 | 28420 |
| 03-05 | MEAN | 22.8 | 23.8 | 30.0 | 39.4 | 50.2 | 60.3 | 65.3 | 64.2 | 58.5 | 47.0 | 36.5 | 26.2 | 43.7 |
| | S D | 13.219 | 12.472 | 11.373 | 10.515 | 9.151 | 7.529 | 6.152 | 6.660 | 9.032 | 10.513 | 11.647 | 12.694 | 18.515 |
| | TOTAL OBS | 2399 | 2187 | 2408 | 2322 | 2401 | 2290 | 2386 | 2404 | 2396 | 2402 | 2327 | 2482 | 28402 |
| 06-08 | MEAN | 22.6 | 23.6 | 30.4 | 40.2 | 51.5 | 61.7 | 66.6 | 65.1 | 59.3 | 47.6 | 36.5 | 26.1 | 44.3 |
| | S D | 13.343 | 12.566 | 11.696 | 10.696 | 9.171 | 7.446 | 6.046 | 6.571 | 8.961 | 10.493 | 11.613 | 12.689 | 18.949 |
| | TOTAL OBS | 2404 | 2188 | 2406 | 2322 | 2398 | 2290 | 2397 | 2399 | 2387 | 2404 | 2322 | 2488 | 28405 |
| 09-11 | MEAN | 24.2 | 25.2 | 31.6 | 41.2 | 52.1 | 62.0 | 66.5 | 65.6 | 59.9 | 49.1 | 38.5 | 28.0 | 45.4 |
| | S D | 13.337 | 12.953 | 12.083 | 11.321 | 9.802 | 7.995 | 6.820 | 7.175 | 9.370 | 10.868 | 11.880 | 12.855 | 18.693 |
| | TOTAL OBS | 2397 | 2188 | 2407 | 2321 | 2400 | 2292 | 2392 | 2414 | 2393 | 2404 | 2328 | 2488 | 28424 |
| 12-14 | MEAN | 25.4 | 26.3 | 32.5 | 41.6 | 52.2 | 61.8 | 66.0 | 65.1 | 59.3 | 48.8 | 38.6 | 28.8 | 45.6 |
| | S D | 13.158 | 13.089 | 11.789 | 11.365 | 9.917 | 8.101 | 7.108 | 7.392 | 9.646 | 11.193 | 12.106 | 13.123 | 18.287 |
| | TOTAL OBS | 2400 | 2185 | 2409 | 2321 | 2398 | 2293 | 2386 | 2400 | 2393 | 2403 | 2326 | 2495 | 28409 |
| 15-17 | MEAN | 25.2 | 26.5 | 32.6 | 41.6 | 52.1 | 61.6 | 65.9 | 65.1 | 59.4 | 48.8 | 38.3 | 28.6 | 45.5 |
| | S D | 12.798 | 12.713 | 11.679 | 11.093 | 9.764 | 7.881 | 6.829 | 7.265 | 9.464 | 11.080 | 12.021 | 12.941 | 18.169 |
| | TOTAL OBS | 2404 | 2186 | 2408 | 2317 | 2404 | 2293 | 2406 | 2400 | 2396 | 2403 | 2330 | 2501 | 28454 |
| 18-20 | MEAN | 24.1 | 25.8 | 32.0 | 41.2 | 52.0 | 61.8 | 66.2 | 65.4 | 59.6 | 48.7 | 37.5 | 27.8 | 45.3 |
| | S D | 12.333 | 12.209 | 11.360 | 10.735 | 9.300 | 7.714 | 6.338 | 6.808 | 8.752 | 10.321 | 11.703 | 12.736 | 18.294 |
| | TOTAL OBS | 2400 | 2185 | 2406 | 2320 | 2404 | 2292 | 2397 | 2408 | 2394 | 2402 | 2322 | 2482 | 28412 |
| 21-23 | MEAN | 23.6 | 25.2 | 31.2 | 40.7 | 51.5 | 61.5 | 66.1 | 65.0 | 59.3 | 48.1 | 36.9 | 27.3 | 44.8 |
| | S D | 12.568 | 11.955 | 11.187 | 10.461 | 8.837 | 7.407 | 5.981 | 6.344 | 8.468 | 10.001 | 11.567 | 12.803 | 18.301 |
| | TOTAL OBS | 2389 | 2189 | 2405 | 2316 | 2400 | 2289 | 2402 | 2411 | 2398 | 2392 | 2332 | 2478 | 28401 |
| ALL HOURS | MEAN | 23.9 | 25.1 | 31.4 | 40.7 | 51.5 | 61.4 | 66.1 | 65.0 | 59.3 | 48.2 | 37.5 | 27.4 | 44.8 |
| | S D | 13.004 | 12.586 | 11.588 | 10.876 | 9.413 | 7.706 | 6.423 | 6.842 | 9.067 | 10.609 | 11.793 | 12.856 | 18.468 |
| | TOTAL OBS | 19191 | 17497 | 19255 | 18561 | 19206 | 18327 | 19155 | 19254 | 19131 | 19214 | 18615 | 19898 | 227327 |

USAFETAC FORM JUL 64 0 89-5 (OL-I)

DATA PROCESSING BRANCH
5TAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-48,50-72 (PERIOD) ALL (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 99.6 | 96.3 | 86.1 | 68.6 | 49.5 | 32.7 | 15.6 | 70.5 | 19189 |
| FEB | | 100.0 | 100.0 | 98.7 | 93.6 | 81.7 | 64.0 | 45.8 | 30.5 | 15.3 | 68.6 | 17494 |
| MAR | | 100.0 | 100.0 | 98.3 | 91.0 | 78.1 | 61.8 | 45.0 | 29.7 | 14.6 | 67.5 | 19254 |
| APR | | 100.0 | 99.9 | 97.4 | 88.5 | 76.1 | 61.2 | 45.5 | 29.9 | 14.2 | 67.0 | 18562 |
| MAY | | 100.0 | 100.0 | 98.7 | 93.2 | 82.4 | 68.8 | 52.8 | 35.4 | 15.0 | 70.3 | 19206 |
| JUN | | 100.0 | 100.0 | 99.5 | 95.8 | 87.3 | 73.7 | 56.8 | 39.2 | 15.6 | 72.5 | 18327 |
| JUL | | 100.0 | 100.0 | 99.6 | 96.4 | 88.1 | 75.7 | 61.1 | 43.0 | 18.4 | 74.0 | 19157 |
| AUG | | 100.0 | 100.0 | 99.9 | 97.9 | 90.5 | 79.1 | 64.4 | 46.4 | 18.8 | 75.4 | 19254 |
| SEP | | 100.0 | 100.0 | 99.7 | 97.0 | 90.0 | 79.5 | 65.7 | 47.8 | 20.7 | 75.8 | 19151 |
| OCT | | 100.0 | 100.0 | 99.5 | 96.5 | 87.8 | 77.3 | 63.1 | 44.0 | 20.8 | 74.6 | 19215 |
| NOV | | 100.0 | 100.0 | 99.8 | 96.7 | 88.3 | 74.4 | 56.4 | 38.0 | 18.1 | 72.9 | 18616 |
| DEC | | 100.0 | 100.0 | 99.7 | 96.5 | 87.7 | 72.2 | 52.6 | 34.9 | 17.9 | 71.8 | 19899 |
| TOTALS | | 100.0 | 100.0 | 99.2 | 95.0 | 85.3 | 71.3 | 54.9 | 37.6 | 17.1 | 71.7 | 227324 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

3

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SE' VICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (PERIOD) JAN (MONTH)

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 98.7 | 92.3 | 78.0 | 58.3 | 39.2 | 18.9 | 74.1 | 2398 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 98.9 | 94.7 | 80.6 | 60.7 | 41.1 | 19.0 | 75.0 | 2399 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 95.3 | 82.6 | 63.0 | 43.0 | 19.7 | 75.8 | 2404 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 96.1 | 84.9 | 64.5 | 43.7 | 29.5 | 14.7 | 68.9 | 2397 |
| | 12-14 | 100.0 | 100.0 | 98.8 | 91.2 | 71.7 | 48.3 | 32.0 | 20.9 | 10.5 | 62.9 | 2399 |
| | 15-17 | 100.0 | 100.0 | 98.8 | 91.7 | 72.8 | 52.8 | 34.6 | 22.2 | 10.7 | 64.1 | 2404 |
| | 18-20 | 100.0 | 100.0 | 99.8 | 96.7 | 86.5 | 67.3 | 48.4 | 30.9 | 13.9 | 70.1 | 2399 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.1 | 90.8 | 74.3 | 55.5 | 35.0 | 17.1 | 72.7 | 2389 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 96.3 | 86.1 | 68.6 | 49.5 | 32.7 | 15.6 | 70.5 | 19189 |

USAFETAC FORM JUL 64 0-07-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 99.8 | 98.3 | 90.6 | 75.1 | 55.3 | 36.6 | 18.8 | 73.1 | 2189 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.0 | 92.9 | 79.1 | 58.0 | 40.3 | 20.1 | 74.4 | 2187 |
| | 06-08 | 100.0 | 100.0 | 99.8 | 99.0 | 92.7 | 78.7 | 58.7 | 38.8 | 19.0 | 74.2 | 2188 |
| | 09-11 | 100.0 | 100.0 | 99.3 | 93.6 | 78.8 | 56.8 | 38.3 | 25.6 | 12.5 | 66.1 | 2187 |
| | 12-14 | 100.0 | 100.0 | 96.2 | 84.0 | 63.4 | 41.3 | 27.3 | 19.3 | 10.4 | 59.8 | 2185 |
| | 15-17 | 100.0 | 99.7 | 95.9 | 83.9 | 64.7 | 45.8 | 30.9 | 20.5 | 10.9 | 60.8 | 2186 |
| | 18-20 | 100.0 | 100.0 | 99.0 | 93.4 | 82.2 | 63.4 | 45.5 | 29.4 | 13.7 | 68.3 | 2183 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 97.2 | 88.0 | 71.5 | 52.1 | 33.7 | 16.7 | 71.7 | 2189 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.7 | 93.6 | 81.7 | 64.0 | 45.8 | 30.5 | 15.3 | 68.6 | 17494 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 99.1 | 90.9 | 76.1 | 56.9 | 38.5 | 18.6 | 73.7 | 2406 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.4 | 94.7 | 80.6 | 63.1 | 41.4 | 20.5 | 75.7 | 2408 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 93.5 | 79.5 | 60.4 | 39.7 | 19.1 | 74.8 | 2406 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 89.5 | 70.8 | 50.7 | 33.4 | 22.5 | 12.0 | 63.3 | 2407 |
| | 12-14 | 100.0 | 99.8 | 95.1 | 77.6 | 56.2 | 38.5 | 26.5 | 17.4 | 9.4 | 57.6 | 2408 |
| | 15-17 | 100.0 | 99.9 | 95.9 | 76.0 | 57.0 | 41.3 | 28.1 | 18.4 | 9.2 | 57.9 | 2408 |
| | 18-20 | 100.0 | 100.0 | 98.8 | 90.6 | 75.6 | 58.1 | 41.4 | 27.0 | 12.5 | 66.0 | 2406 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 97.0 | 85.8 | 69.8 | 50.2 | 32.4 | 15.3 | 70.7 | 2405 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.3 | 91.0 | 78.1 | 61.8 | 45.0 | 29.7 | 14.6 | 67.5 | 19254 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
3 AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 99.8 | 98.3 | 92.5 | 79.4 | 60.3 | 40.8 | 19.8 | 74.8 | 2322 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.5 | 95.9 | 85.7 | 68.8 | 47.8 | 24.6 | 77.9 | 2322 |
| | 06-08 | 100.0 | 100.0 | 99.8 | [illegible]5 | 91.9 | 77.5 | 59.1 | 37.9 | 19.1 | 74.2 | 2323 |
| | 09-11 | 100.0 | 100.0 | 98.3 | 85.4 | 65.7 | 45.8 | 30.1 | 19.8 | 9.9 | 61.2 | 2321 |
| | 12-14 | 100.0 | 99.8 | 93.4 | 72.0 | 51.1 | 35.9 | 25.0 | 15.9 | 7.0 | 55.6 | 2321 |
| | 15-17 | 100.0 | 99.7 | 91.5 | 70.6 | 52.6 | 39.0 | 28.1 | 17.1 | 6.7 | 56.1 | 2317 |
| | 18-20 | 100.0 | 100.0 | 97.0 | 87.0 | 71.6 | 55.8 | 41.1 | 26.3 | 11.0 | 64.7 | 2320 |
| | 21-23 | 100.0 | 100.0 | 99.6 | 96.5 | 87.3 | 70.4 | 51.9 | 33.7 | 15.8 | 71.3 | 2316 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 97.4 | 88.3 | 76.1 | 61.2 | 45.6 | 29.9 | 14.2 | 67.0 | 18562 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 99.5 | 96.[illegible] | 89.8 | 75.1 | 54.5 | 25.7 | 80.1 | 2401 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 93.8 | 84.0 | 63.2 | 31.1 | 83.1 | 2401 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.4 | 95.5 | 84.4 | 67.2 | 45.9 | 19.6 | 77.0 | 2398 |
| | 09-11 | 100.0 | 100.0 | 99.0 | 92.6 | 74.5 | 53.5 | 34.3 | 20.3 | 7.0 | 63.6 | 2400 |
| | 12-14 | 100.0 | 99.9 | 96.3 | 82.4 | 59.2 | 38.5 | 24.9 | 14.1 | 4.0 | 57.4 | 2398 |
| | 15-17 | 100.0 | 99.9 | 95.1 | 80.3 | 59.9 | 41.6 | 26.8 | 15.4 | 4.9 | 58.0 | 2404 |
| | 18-20 | 100.0 | 100.0 | 99.0 | 92.9 | 79.7 | 62.8 | 44.9 | 27.7 | 9.5 | 67.3 | 2404 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 98.6 | 94.8 | 83.4 | 65.0 | 42.4 | 18.4 | 76.0 | 2400 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.7 | 93.2 | 82.4 | 68.5 | 52.8 | 35.4 | 15.0 | 70.3 | 19206 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (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 | 99.6 | 97.1 | 88.9 | 70.0 | 28.5 | 64.4 | 2288 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 92.9 | 78.2 | 40.6 | 87.2 | 2290 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.2 | 90.9 | 74.2 | 52.4 | 18.5 | 79.2 | 2290 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 95.5 | 82.5 | 57.6 | 32.7 | 15.0 | 4.8 | 64.4 | 2292 |
| | 12-14 | 100.0 | 100.0 | 98.8 | 87.6 | 65.8 | 40.8 | 19.2 | 10.0 | 2.7 | 58.1 | 2293 |
| | 15-17 | 100.0 | 100.0 | 98.1 | 86.8 | 67.0 | 41.9 | 22.8 | 11.7 | 4.0 | 58.8 | 2293 |
| | 18-20 | 100.0 | 100.0 | 99.4 | 96.6 | 87.1 | 69.8 | 46.5 | 26.0 | 8.5 | 68.9 | 2292 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 92.7 | 77.5 | 50.5 | 17.0 | 79.2 | 2289 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.5 | 95.8 | 87.3 | 73.7 | 56.8 | 39.2 | 15.6 | 72.5 | 18327 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (PERIOD) JUL (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.0 | 90.7 | 74.8 | 35.0 | 85.8 | 2396 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.3 | 94.1 | 82.9 | 45.4 | 88.3 | 2384 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.7 | 93.4 | 80.6 | 59.5 | 23.0 | 81.4 | 2397 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 96.7 | 84.0 | 61.5 | 37.6 | 17.1 | 4.6 | 65.8 | 2392 |
| | 12-14 | 100.0 | 100.0 | 98.7 | 88.0 | 67.2 | 44.1 | 25.3 | 10.2 | 3.3 | 59.3 | 2386 |
| | 15-17 | 100.0 | 100.0 | 98.9 | 89.0 | 68.2 | 44.4 | 28.6 | 14.7 | 4.5 | 60.4 | 2403 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 97.6 | 88.8 | 71.6 | 50.7 | 29.5 | 9.2 | 70.3 | 2397 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 94.1 | 80.9 | 55.5 | 22.3 | 81.0 | 2402 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.6 | 96.4 | 88.1 | 75.7 | 61.1 | 43.0 | 18.4 | 74.0 | 19157 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,51-72 (PERIOD) AUG (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 94.0 | 79.2 | 38.9 | 86.8 | 2410 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.9 | 86.1 | 47.6 | 89.1 | 2404 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.4 | 87.2 | 67.9 | 27.8 | 83.7 | 2399 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.3 | 87.9 | 68.4 | 41.7 | 18.8 | 4.5 | 67.5 | 2414 |
| | 12-14 | 100.0 | 100.0 | 99.6 | 92.9 | 71.2 | 44.4 | 23.8 | 10.7 | 2.7 | 60.1 | 2409 |
| | 15-17 | 100.0 | 100.0 | 99.6 | 93.1 | 73.0 | 47.3 | 27.2 | 12.7 | 3.0 | 61.1 | 2408 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.1 | 93.2 | 80.4 | 58.7 | 33.9 | 8.7 | 72.9 | 2408 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 96.9 | 85.3 | 62.2 | 20.0 | 82.1 | 2411 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 97.9 | 90.5 | 79.1 | 64.4 | 46.4 | 18.8 | 75.4 | 19254 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (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 | 99.8 | 98.6 | 93.8 | 77.4 | 34.7 | 86.4 | 2394 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.2 | 84.0 | 47.0 | 88.8 | 2396 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.3 | 88.3 | 71.6 | 33.9 | 85.0 | 2387 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 97.6 | 86.8 | 67.1 | 43.0 | 21.6 | 6.1 | 67.7 | 2393 |
| | 12-14 | 100.0 | 100.0 | 98.8 | 89.1 | 67.5 | 42.7 | 24.9 | 11.8 | 4.0 | 59.4 | 2393 |
| | 15-17 | 100.0 | 100.0 | 98.8 | 90.2 | 71.5 | 49.3 | 30.0 | 15.5 | 5.3 | 61.6 | 2396 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 99.0 | 95.3 | 84.5 | 63.7 | 37.0 | 11.9 | 74.7 | 2394 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.2 | 96.9 | 87.0 | 63.6 | 22.6 | 82.6 | 2398 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 97.0 | 90.0 | 79.5 | 65.7 | 47.8 | 20.7 | 75.8 | 19151 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

3

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (PERIOD) OCT (MONTH)

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.2 | 95.5 | 86.7 | 67.2 | 33.3 | 84.1 | 2404 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 96.9 | 90.3 | 70.5 | 41.3 | 85.6 | 2402 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 95.1 | 85.6 | 66.0 | 34.7 | 83.9 | 2404 |
| | 09-11 | 100.0 | 100.0 | 99.9 | 96.8 | 83.2 | 64.1 | 41.8 | 23.6 | 9.0 | 67.5 | 2404 |
| | 12-14 | 100.0 | 100.0 | 97.6 | 86.6 | 60.7 | 41.5 | 24.9 | 14.4 | 5.7 | 58.7 | 2404 |
| | 15-17 | 100.0 | 100.0 | 98.3 | 89.5 | 68.6 | 50.0 | 31.4 | 17.7 | 6.9 | 61.7 | 2403 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.3 | 94.2 | 83.0 | 62.2 | 37.6 | 12.8 | 74.6 | 2402 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 98.4 | 92.6 | 81.5 | 54.8 | 22.9 | 80.8 | 2392 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.5 | 96.5 | 87.8 | 77.3 | 63.1 | 44.0 | 20.9 | 74.6 | 19215 |

USAFETAC FORM JUL 64 0-97-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-45,50-72 (PERIOD) NOV (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% | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 90.8 | 73.6 | 51.6 | 24.9 | 79.5 | 2328 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.7 | 98.1 | 91.4 | 77.7 | 56.7 | 29.2 | 81.2 | 2327 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.7 | 98.1 | 91.2 | 77.0 | 57.4 | 27.3 | 80.9 | 2322 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 96.5 | 85.2 | 64.5 | 43.8 | 25.8 | 12.0 | 68.4 | 2329 |
| | 12-14 | 100.0 | 100.0 | 99.3 | 88.7 | 65.6 | 42.8 | 25.1 | 16.1 | 7.8 | 60.1 | 2326 |
| | 15-17 | 100.0 | 100.0 | 99.4 | 91.3 | 73.2 | 52.3 | 33.1 | 20.3 | 9.2 | 63.6 | 2330 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.5 | 92.5 | 76.4 | 55.1 | 33.0 | 14.8 | 72.7 | 2322 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.5 | 96.5 | 85.7 | 66.0 | 43.0 | 19.9 | 76.9 | 2332 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 96.7 | 88.3 | 74.4 | 56.4 | 38.0 | 18.1 | 72.9 | 18616 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 42-45,50-72 (PERIOD) DEC (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 | 94.3 | 82.6 | 62.9 | 41.3 | 20.5 | 75.7 | 2484 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.3 | 96.3 | 86.4 | 64.6 | 43.3 | 21.6 | 76.7 | 2482 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 97.2 | 85.9 | 65.2 | 43.9 | 22.4 | 77.0 | 2488 |
| | 09-11 | 100.0 | 100.0 | 99.7 | 96.9 | 86.5 | 65.6 | 45.1 | 30.4 | 15.5 | 69.7 | 2488 |
| | 12-14 | 100.0 | 99.9 | 99.6 | 89.5 | 69.9 | 47.7 | 33.5 | 22.2 | 11.9 | 63.0 | 2496 |
| | 15-17 | 100.0 | 100.0 | 99.1 | 91.4 | 75.0 | 55.8 | 37.9 | 26.0 | 13.3 | 65.6 | 2501 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 97.6 | 89.2 | 73.0 | 52.3 | 33.4 | 18.3 | 72.0 | 2482 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 98.7 | 93.1 | 80.2 | 59.6 | 36.7 | 20.0 | 74.8 | 2478 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.7 | 96.5 | 87.7 | 72.2 | 52.6 | 34.9 | 17.9 | 71.8 | 19899 |

USAFETAC FORM JUL 64 0-87-5 (CL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

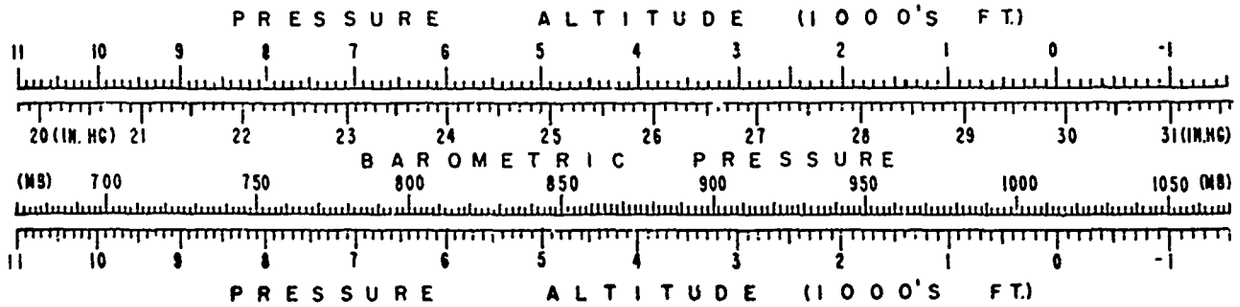
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.




F



74 29967

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 46,50-63,65-72 (YEARS)

| HRS (L S T) | | JAN | FEB. | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 30.048 | 30.012 | 29.976 | 29.959 | 29.970 | 29.950 | 29.972 | 29.972 | 30.041 | 30.052 | 30.026 | 30.049 | 30.003 |
| | S D | .263 | .293 | .245 | .235 | .188 | .150 | .134 | .131 | .167 | .217 | .246 | .262 | .220 |
| | TOTAL OBS | 641 | 588 | 647 | 621 | 648 | 613 | 647 | 680 | 680 | 679 | 656 | 678 | 7778 |
| 04 | MEAN | 30.046 | 30.008 | 29.964 | 29.954 | 29.966 | 29.944 | 29.966 | 29.965 | 30.034 | 30.047 | 30.022 | 30.052 | 29.998 |
| | S D | .271 | .294 | .252 | .242 | .191 | .155 | .137 | .132 | .171 | .218 | .250 | .265 | .224 |
| | TOTAL OBS | 646 | 588 | 648 | 621 | 649 | 615 | 645 | 681 | 679 | 682 | 659 | 676 | 7789 |
| 07 | MEAN | 30.063 | 30.028 | 29.991 | 29.986 | 29.997 | 29.972 | 29.993 | 29.995 | 30.061 | 30.071 | 30.043 | 30.068 | 30.025 |
| | S D | .277 | .295 | .260 | .248 | .195 | .156 | .138 | .133 | .174 | .224 | .255 | .266 | .227 |
| | TOTAL OBS | 648 | 566 | 646 | 622 | 645 | 612 | 641 | 671 | 674 | 680 | 655 | 677 | 7787 |
| 10 | MEAN | 30.093 | 30.046 | 30.001 | 29.991 | 30.003 | 29.976 | 30.002 | 30.007 | 30.074 | 30.084 | 30.059 | 30.092 | 30.036 |
| | S D | .279 | .297 | .267 | .253 | .198 | .158 | .139 | .133 | .180 | .228 | .259 | .270 | .231 |
| | TOTAL OBS | 646 | 587 | 646 | 620 | 647 | 616 | 643 | 681 | 679 | 680 | 656 | 679 | 7780 |
| 13 | MEAN | 30.038 | 30.001 | 29.961 | 29.955 | 29.974 | 29.952 | 29.979 | 29.981 | 30.039 | 30.037 | 30.010 | 30.033 | 29.997 |
| | S D | .276 | .295 | .263 | .251 | .197 | .154 | .138 | .130 | .178 | .227 | .256 | .269 | .228 |
| | TOTAL OBS | 647 | 586 | 649 | 619 | 643 | 615 | 640 | 668 | 676 | 679 | 657 | 680 | 7759 |
| 16 | MEAN | 30.035 | 29.984 | 29.936 | 29.925 | 29.945 | 29.929 | 29.956 | 29.957 | 30.016 | 30.022 | 30.003 | 30.032 | 29.979 |
| | S D. | .263 | .287 | .254 | .245 | .193 | .151 | .136 | .129 | .173 | .223 | .250 | .261 | .223 |
| | TOTAL OBS | 648 | 566 | 648 | 620 | 646 | 612 | 646 | 679 | 680 | 678 | 656 | 680 | 7779 |
| 19 | MEAN | 30.061 | 30.007 | 29.958 | 29.939 | 29.952 | 29.931 | 29.956 | 29.958 | 30.026 | 30.043 | 30.030 | 30.051 | 29.993 |
| | S. D. | .259 | .287 | .247 | .235 | .187 | .150 | .134 | .126 | .169 | .219 | .245 | .256 | .220 |
| | TOTAL OBS | 642 | 585 | 649 | 620 | 645 | 613 | 643 | 677 | 677 | 678 | 649 | 670 | 7748 |
| 22 | MEAN | 30.096 | 30.014 | 29.981 | 29.963 | 29.973 | 29.952 | 29.976 | 29.978 | 30.046 | 30.056 | 30.038 | 30.056 | 30.009 |
| | S. D | .261 | .290 | .240 | .232 | .184 | .149 | .133 | .126 | .165 | .215 | .247 | .256 | .217 |
| | TOTAL OBS | 640 | 588 | 649 | 618 | 647 | 613 | 647 | 679 | 678 | 674 | 659 | 674 | 7766 |
| ALL HOURS | MEAN | 30.058 | 30.013 | 29.971 | 29.959 | 29.973 | 29.951 | 29.975 | 29.977 | 30.042 | 30.052 | 30.029 | 30.054 | 30.005 |
| | S. D. | .269 | .293 | .254 | .243 | .192 | .154 | .137 | .131 | .173 | .222 | .252 | .264 | .224 |
| | TOTAL OBS | 5158 | 4694 | 5182 | 4961 | 5170 | 4909 | 5152 | 5416 | 5423 | 5430 | 5247 | 5414 | 62156 |

USAFETAC FORM JUL 64 0-89-5 (OL-1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13707 (STATION) DOVER AFB DELAWARE (STATION NAME) 43-46,50-72 (YEARS)

| HRS (L S T) | | JAN | FEB. | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 1018.7 | 1017.4 | 1016.6 | 1016.0 | 1016.2 | 1015.4 | 1016.1 | 1016.1 | 1018.5 | 1018.6 | 1018.0 | 1018.8 | 1017.2 |
| | S D | 8.735 | 9.827 | 8.203 | 7.897 | 6.303 | 5.114 | 4.508 | 4.452 | 5.697 | 7.260 | 8.281 | 8.911 | 7.376 |
| | TOTAL OBS | 706 | 708 | 800 | 774 | 803 | 763 | 802 | 804 | 800 | 801 | 774 | 801 | 9396 |
| 04 | MEAN | 1018.6 | 1017.2 | 1016.2 | 1015.8 | 1016.1 | 1015.2 | 1015.9 | 1015.9 | 1018.3 | 1018.5 | 1017.9 | 1018.9 | 1017.0 |
| | S D | 8.966 | 9.891 | 8.460 | 8.121 | 6.388 | 5.285 | 4.604 | 4.561 | 5.794 | 7.354 | 8.417 | 8.989 | 7.519 |
| | TOTAL OBS | 769 | 705 | 802 | 774 | 804 | 765 | 798 | 803 | 800 | 802 | 778 | 800 | 9403 |
| 07 | MEAN | 1019.2 | 1018.0 | 1017.2 | 1016.9 | 1017.1 | 1016.2 | 1016.8 | 1016.9 | 1019.3 | 1019.3 | 1018.7 | 1019.5 | 1017.9 |
| | S. D | 9.145 | 9.852 | 8.729 | 8.305 | 6.506 | 5.313 | 4.629 | 4.502 | 5.901 | 7.519 | 8.524 | 9.007 | 7.604 |
| | TOTAL OBS | 772 | 706 | 800 | 774 | 800 | 762 | 795 | 794 | 794 | 803 | 775 | 801 | 9376 |
| 10 | MEAN | 1020.1 | 1018.7 | 1017.5 | 1017.1 | 1017.3 | 1016.3 | 1017.1 | 1017.3 | 1019.7 | 1019.7 | 1019.2 | 1020.3 | 1018.3 |
| | S D | 9.205 | 9.979 | 8.955 | 8.493 | 6.614 | 5.361 | 4.661 | 4.506 | 6.153 | 7.671 | 8.631 | 9.111 | 7.741 |
| | TOTAL OBS | 770 | 706 | 800 | 774 | 802 | 766 | 796 | 803 | 799 | 801 | 776 | 803 | 9396 |
| 13 | MEAN | 1018.1 | 1017.0 | 1016.0 | 1015.8 | 1016.3 | 1015.5 | 1016.3 | 1016.4 | 1018.5 | 1018.1 | 1017.5 | 1018.3 | 1017.0 |
| | S D | 9.113 | 9.909 | 8.868 | 8.475 | 6.607 | 5.222 | 4.627 | 4.415 | 6.058 | 7.622 | 8.486 | 9.086 | 7.641 |
| | TOTAL OBS | 771 | 706 | 803 | 774 | 799 | 765 | 795 | 790 | 796 | 801 | 777 | 803 | 9380 |
| 16 | MEAN | 1018.1 | 1016.4 | 1015.2 | 1014.8 | 1015.3 | 1014.7 | 1015.5 | 1015.5 | 1017.7 | 1017.6 | 1017.2 | 1018.3 | 1016.4 |
| | S D | 8.866 | 9.708 | 8.600 | 8.269 | 6.493 | 5.160 | 4.574 | 4.395 | 5.961 | 7.461 | 8.313 | 8.843 | 7.510 |
| | TOTAL OBS | 771 | 706 | 802 | 772 | 800 | 762 | 801 | 803 | 799 | 801 | 774 | 804 | 9395 |
| 19 | MEAN | 1019.0 | 1017.2 | 1016.0 | 1015.3 | 1015.6 | 1014.8 | 1015.6 | 1015.6 | 1018.1 | 1018.3 | 1018.1 | 1018.9 | 1016.9 |
| | S D | 8.675 | 9.557 | 8.326 | 7.942 | 6.296 | 5.096 | 4.500 | 4.307 | 5.780 | 7.352 | 8.169 | 8.699 | 7.382 |
| | TOTAL OBS | 768 | 706 | 803 | 773 | 800 | 764 | 796 | 802 | 797 | 802 | 769 | 793 | 9373 |
| 22 | MEAN | 1019.1 | 1017.5 | 1016.7 | 1016.1 | 1016.3 | 1015.6 | 1016.3 | 1016.3 | 1018.7 | 1018.8 | 1018.4 | 1019.1 | 1017.4 |
| | S D | 8.712 | 9.718 | 8.064 | 7.801 | 6.203 | 5.089 | 4.455 | 4.298 | 5.655 | 7.269 | 8.263 | 8.763 | 7.316 |
| | TOTAL OBS | 765 | 709 | 802 | 771 | 801 | 760 | 802 | 803 | 798 | 798 | 778 | 798 | 9385 |
| ALL HOURS | MEAN | 1018.8 | 1017.4 | 1016.4 | 1016.0 | 1016.3 | 1015.5 | 1016.2 | 1016.3 | 1018.6 | 1018.6 | 1018.1 | 1019.0 | 1017.3 |
| | S D | 8.946 | 9.808 | 8.553 | 8.194 | 6.456 | 5.231 | 4.598 | 4.456 | 5.903 | 7.463 | 8.403 | 8.944 | 7.535 |
| | TOTAL OBS | 6152 | 5655 | 6412 | 6186 | 6409 | 6107 | 6385 | 6402 | 6383 | 6409 | 6201 | 6403 | 75104 |

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