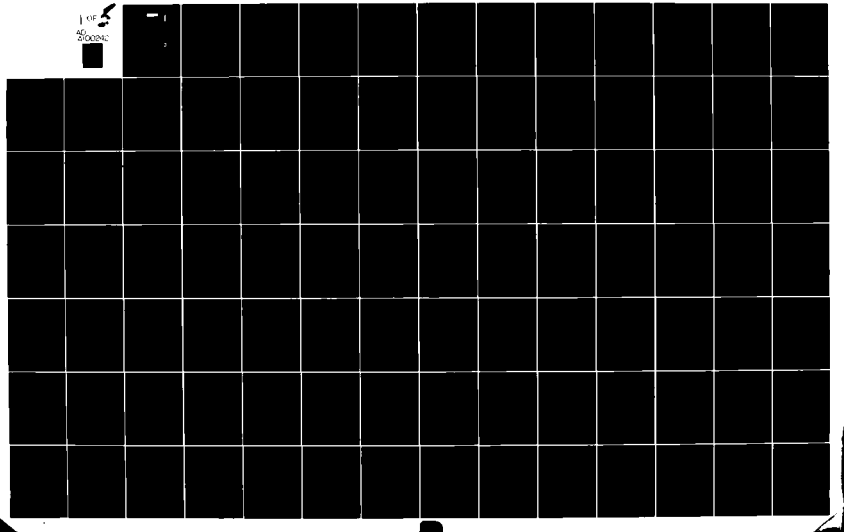
AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(U)
NOV 71

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USAFETAC/DS-81/037

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

SUMMARY OF
SURFACE WEATHER OBSERVATIONS

PRINCE GEORGE B C DOT APT WBAN #25206
N 53 53 W 122 41 ELEV 2218 FT CYXS WMO #72896

PARTS A, C-F

POR FROM HOURLY OBS JAN 57-DEC 66

NOV 02 1971

RECD NOV 08 1971

FEDERAL BUILDING
ASHEVILLE, N. C.

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Technical Information Section
USAFETAC/TST

FOR THE COMMANDER

Walter S. Burgmann

WALTER S. BURGMANN
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## REPORT DOCUMENTATION PAGE

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1 REPORT NUMBER: USAFETAC/DS-81/037

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3. RECIPIENT'S CATALOG NUMBER

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

18 SUPPLEMENTARY NOTES

The following parts are missing from this document:
Part A- Atmospheric Phenomena
Part B- Precipitation, Snowfall, Snow Depth
Part E- Daily Max, Min and Mean Temp/ Extreme Max and Min Temp

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

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

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

This report is a six-part statisitical summary of surface weather observations for Prince George Apt, British Colombia, Canada

It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)

DD FORM 1 JAN 73 1473

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19. Percentage frenquency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
* British Colombia, Canada
** Prince George, Canada

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

The Period of Record (POR) for Daily Observations is:
JAN 57- DEC 66

# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

Hourly data entries are obtained on those record or record-special observations recorded at scheduled hourly intervals.

## DAILY OBSERVATIONS

Entries in this section are obtained from the records on appropriately forms and contain data summary of the day observations. (Selected from hourly records, 3-hourly, 6-hourly, of the day, Standard, etc.)

## DESCRIPTION OF SUMMARIES

This publication contains a number of summaries listing with part of the Revised Uniform Summary of Surface Weather Observations for the [illegible] hourly and daily observations recorded by stations operated by the U. S. Department [illegible] Weather Bureau previously published.

Listed below are the following summaries are included for this station:

PART A - [illegible] CONDITIONS

[illegible] PRECIPITATION DATA NOT AVAILABLE

[illegible] DATA NOT AVAILABLE

[illegible] DATA NOT AVAILABLE

[illegible] DATA NOT AVAILABLE

[illegible] OBSERVATIONS

PART D - [illegible] PRESSURE VISIBILITY

[illegible]

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

FREQUENCY OF DAILY WET BULB

ANNUAL AND DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

## [illegible] SYNOPTIC HOURS

[illegible] Synoptic hours are those hours [illegible] according to the following sets of hourly observations: [illegible] Eastern, Central, Mountain, Pacific, Alaska, Hawaii, Intermediate Zone, Local Standard Time.

## MISSING HOUR GROUPS

[illegible] Missing hour groups are indicated by [illegible] Missing hours are blocked out, and are applicable to all summaries prepared from hourly

| | | | |
|---|---|---|---|
| [illegible] | [illegible] | JULY | [illegible] |
| [illegible] | [illegible] | AUGUST | [illegible] |
| [illegible] | [illegible] | SEPTEMBER | [illegible] |
| [illegible] | [illegible] | OCTOBER | [illegible] |

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 25206 | PRINCE GEORGE B C DOT APT | N 53 53 | W 122 41 | 2218 | CYXS | 72896 |

# STATION LOCATION AND INSTRUMENTATION HISTORY

| NUMBER OF LOCATION | GEOGRAPHICAL LOCATION & NAME | TYPE OF STATION | AT THIS LOCATION | | LATITUDE | LONGITUDE | ELEVATION ABOVE MSL | | OBS PER DAY |
|---|---|---|---|---|---|---|---|---|---|
| | | | FROM | TO | | | STATION (FT) | TYPE BAROMETER | |
| 1 | Prince George B C Dot Apt | C | Jan 57 | Dec 66 | N 53 53 | W 122 41 | 2218 | N/A | 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 | Jan 57 to Dec 66 | Not available. | N/A | N/A | N/A | Hourly surface observations on magnetic tape from DOT Canada. |

USAF ETAC FORM APR 68 0-19 (OL-1)

CONTINUED ON REVERSE SIDE

## PART A — WEATHER CONDITIONS

[illegible] is primary occurrence of various atmospheric phenomena and obstructions to visibility, [illegible] and is reported in the tables as follows:

[illegible] blowing.

[illegible], by itself and [illegible].

[illegible] included in each category in the forms are listed below:

[illegible] and [illegible].

[illegible], falling to the ground, not freezing.

[illegible] (Rain) - Precipitation falling in liquid form, but freezing on contact [illegible].

[illegible], sleet, [illegible] (small hail), snow grains, and ice crystals.

[illegible] will not be included.

[illegible] are the [illegible] type of precipitation to be reported in the [illegible] may exceed the total columns.

[illegible].

[illegible] of snow and hail are included.

[illegible] drifting snow when reported from non-AWS sources.)

[illegible] dust, blowing sand, and dust.

[illegible] in a separate category on this form but is included in [illegible] Obstructions to Vision, below.

[illegible] - Included in this category are [illegible]. Since in the case of [illegible] of the individual categories may exceed the [illegible] total [illegible] precipitation may reduce visibility, it is not considered an obstruction to vision [illegible]. Therefore, the percentage total of obstructions to vision need not reflect the [illegible] reduced visibility.

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2

# WEATHER CONDITIONS

252 [illegible] [illegible] GEORGE [illegible] APT | 57-66 | LI
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | ALL | | 1.9 | .9 | 31. | | 33.8 | 7.4 | .3 | .4 | | 8.1 | 7438 |
| [illegible] | | . | 3.6 | .4 | 17.[illegible] | . | 21.1 | 6.1 | .4 | .[illegible] | | 6.2 | 6768 |
| [illegible] | | .[illegible] | 5.3 | | 10.4 | .[illegible] | 15.4 | 3.[illegible] | .0 | . | | 3.9 | 7440 |
| [illegible] | | .1 | 7.[illegible] | .[illegible] | 4.4 | . | 11.7 | 1.3 | | | | 1.3 | 7200 |
| [illegible] | | .3 | 11.4 | | 1.5 | . | 12.6 | 2.3 | .1 | | | 2.4 | 7440 |
| [illegible] | | .9 | 12.3 | | .[illegible] | .1 | 12.9 | 2.[illegible] | .1 | | | 2.[illegible] | 7199 |
| [illegible] | | 1.1 | 9.6 | | | .[illegible] | [illegible].6 | 2.6 | .2 | | | 2.[illegible] | 7440 |
| [illegible] | | 1.[illegible] | 13.[illegible] | | | .[illegible] | 15.0 | 4.4 | 2.5 | | | 6.7 | 744[illegible] |
| [illegible] | | .[illegible] | 14.[illegible] | | .4 | | 14.3 | 8.4 | .1 | | | 8.4 | 7200 |
| [illegible] | | .1 | 13.[illegible] | .1 | 3.6 | | 16.8 | 8.7 | .2 | | | 8.7 | 7440 |
| [illegible] | | . | 5.1 | .[illegible] | 21.[illegible] | | 25.9 | 8.[illegible] | .1 | .1 | | 8.1 | 7200 |
| [illegible] | | | 2.[illegible] | .[illegible] | 25.4 | .[illegible] | 27.[illegible] | 5.[illegible] | .1 | .1 | | 5.6 | 7440 |
| TOTALS | | .[illegible] | [illegible].4 | .2 | 9.7 | .[illegible] | 17.[illegible] | 5.1 | .3 | .[illegible] | | 5.4 | 57645 |

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2

# WEATHER CONDITIONS

[illegible] / STATION | [illegible] STATION NAME | 57-66 YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | | 1.0 | .[illegible] | 34.4 | | [illegible].7 | 6.[illegible] | | .1 | | 9.[illegible] | 930 |
| | [illegible]-5 | | 1.6 | .[illegible] | 36.1 | | 37.6 | 8.5 | | .[illegible] | | 9.[illegible] | 929 |
| | [illegible]-8 | | 2.1 | .[illegible] | 35.4 | | [illegible].[illegible] | 8.7 | .1 | .[illegible] | | 9.5 | 929 |
| | [illegible]-11 | | 2.3 | .1 | 32.3 | | 33.1 | 9.[illegible] | 1.0 | | | 10.5 | 930 |
| | 2-4 | | 1.5 | .2 | 29.4 | | [illegible].[illegible] | 5.[illegible] | .[illegible] | .[illegible] | | [illegible].7 | 930 |
| | 5-7 | | 1.9 | .2 | 24.9 | | 2[illegible].3 | 4.2 | | .1 | | 4.3 | 931 |
| | [illegible]-10 | | [illegible].[illegible] | .[illegible] | 33.2 | | 33.2 | 6.[illegible] | .5 | .1 | | 7.[illegible] | 99[illegible] |
| | [illegible]-1 | | [illegible].3 | .4 | 31.[illegible] | | 34.3 | 7.3 | .2 | .1 | | 7.6 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 1.[illegible] | .4 | 31.[illegible] | | 33.8 | 7.4 | .3 | .3 | | 8.[illegible] | 7438 |

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SAF ETA
AIR EAT EF[illegible] EC[illegible]CE/ AC

# WEATHER CONDITIONS

232 [illegible] STATION | [illegible]SCE GE-RGE [illegible] C [illegible] AIRPT STATION NAME | 57-66 YEARS | 06 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 0-02 | | 3.8 | .5 | 20.[illegible] | | 23.9 | 7.9 | .5 | .2 | | 7.7 | 846 |
| | 03-05 | | 3.2 | .7 | 2[illegible].1 | | 22.9 | 8.3 | .6 | | | 8.7 | 846 |
| | 06-08 | .1 | 2.4 | .[illegible] | 19.3 | | 21.5 | 7.7 | .5 | | | 7.7 | 846 |
| | 09-11 | .1 | 3.1 | | 20.[illegible] | .2 | 22.9 | 7.[illegible] | .1 | .1 | | 7.1 | 846 |
| | 12-14 | | 3.[illegible] | .5 | 15.7 | | 2[illegible].4 | 4.3 | .5 | | | 4.4 | 846 |
| | 15-17 | | 4.[illegible] | .4 | 15.6 | | 19.7 | 2.[illegible] | .5 | | | 2.2 | 846 |
| | 18-20 | | 2.[illegible] | .4 | 14.8 | | 17.4 | 4.4 | | | | 4.4 | 846 |
| | 21-23 | | 3.[illegible] | .4 | 16.4 | | 2[illegible].2 | 7.6 | .2 | | | 7.6 | 846 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | . | 3.6 | .4 | 17.6 | .0 | 21.1 | 6.1 | .4 | .0 | | 6.2 | 6768 |

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USAF ETAC
AIR EAT ER SERVICE/ AC

# WEATHER CONDITIONS

| 252 | [illegible] UT APT | 57-66 | AR |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 00-02 | | 2.3 | | 10.2 | | 12.5 | 6.7 | .1 | | | 6.7 | 930 |
| | 03-05 | | 1.7 | | 14.[illegible] | | 15.6 | 7.5 | | | | 7.5 | 930 |
| | 06-08 | | 1.8 | | 10.4 | | 12.2 | 7.5 | .1 | | | 7.6 | 930 |
| | 09-11 | | 2.3 | | 11.4 | .1 | 13.4 | 3.4 | | .3 | | 3.7 | 930 |
| | 12-14 | .1 | 4.4 | | 11.1 | .1 | 14.9 | .8 | | | | .9 | 930 |
| | 15-17 | .1 | 5.4 | | 9.0 | | 14.2 | .3 | | | | .3 | 930 |
| | 18-20 | | 5.5 | | 8.0 | | 12.9 | 1.4 | | | | 1.4 | 930 |
| | 21-23 | | 3.0 | | 8.9 | | 11.8 | 3.4 | .1 | | | 3.4 | 930 |
| TOTALS | | .0 | 3.3 | | 10.4 | .0 | 13.4 | 3.9 | .0 | .0 | | 3.9 | 7440 |

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# WEATHER CONDITIONS

252 [illegible] PRINCE GEORGE [illegible] INT APT | 57-66 | APR
STATION | STATION NAME | YEARS | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .1 | [illegible] | | 4.3 | | 17.4 | 2.3 | | | | 2.3 | 900 |
| | 03-05 | | [illegible] | | 3.2 | | 12.8 | 2.[illegible] | | | | 2.0 | 900 |
| | 06-08 | | 7.4 | | [illegible] | | 15.6 | 2.2 | | | | 2.2 | 900 |
| | 09-11 | | 7.[illegible] | .1 | 5.9 | .1 | 11.9 | .4 | | | | .4 | 900 |
| | 12-14 | .2 | 7.[illegible] | .1 | 4.6 | | 12.1 | .4 | | | | .4 | 900 |
| | 15-17 | .0 | [illegible] | | 2.8 | | 13.7 | .[illegible] | | | | .[illegible] | 900 |
| | [illegible]-20 | | [illegible] | | 2.2 | | 9.8 | .9 | | | | .9 | 900 |
| | 21-23 | | [illegible] | | 2.4 | | 13.3 | 1.4 | | | | 1.4 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 7.9 | .[illegible] | 4.4 | .0 | 11.7 | 1.3 | | | | 1.3 | 7200 |

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2

# WEATHER CONDITIONS

252 [illegible] STATION | [illegible] STATION NAME | 57-66 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 | | 11.3 | | 1.[illegible] | | 12.2 | 4.[illegible] | | | | 4.[illegible] | 930 |
| | 03-05 | | 10.3 | | 1.[illegible] | | 11.5 | 5.5 | | | | 5.5 | 930 |
| | 06-08 | | 3.7 | | 2.6 | | 12.0 | 4.7 | | | | 4.7 | 930 |
| | 09-11 | | 11.6 | | 2.9 | .1 | 14.[illegible] | 1.[illegible] | .1 | | | 1.[illegible] | 930 |
| | 12-14 | .6 | 13.1 | | 1.8 | | 14.4 | .[illegible] | .3 | | | 1.1 | 930 |
| | 15-17 | .9 | 10.8 | | .9 | | 11.5 | .2 | .2 | | | .4 | 930 |
| | 18-20 | .4 | 12.9 | | .1 | | 12.9 | .5 | | | | .5 | 930 |
| | 21-23 | .1 | 11.7 | | .6 | | 12.0 | 1.3 | | | | 1.3 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 11.4 | | 1.5 | .0 | 12.6 | 2.3 | .1 | | | 2.4 | 7440 |

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# WEATHER CONDITIONS

| 2 | PRINCE GEORGE C GIST APT | 57-66 | JUN |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUN | 00-02 | | 11.3 | | | | 11.3 | 2. | | | | 2.8 | 900 |
| | 03-05 | | 11.0 | | | | 11.0 | 4.9 | .2 | | | 5.1 | 900 |
| | 06-08 | | 12.9 | | .1 | | 12.9 | 3.9 | .2 | | | 4.1 | 900 |
| | 09-11 | .2 | 11.9 | | | | 11.9 | 1.7 | | | | 1.7 | 900 |
| | 12-14 | .9 | 12.3 | | | .1 | 12.3 | .4 | | | | .4 | 899 |
| | 15-17 | 3.3 | 14.0 | | | .3 | 14.0 | .3 | | | | .3 | 900 |
| | 18-20 | 2.4 | 14.7 | | | | 14.7 | .2 | | | | .2 | 900 |
| | 21-23 | .4 | 14.0 | | | | 14.0 | 1.4 | | | | 1.4 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .9 | 12.8 | | .0 | .1 | 12.8 | 2.0 | .1 | | | 2.0 | 7199 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

252 STATION | PRINCE GEORGE A C CRT APT STATION NAME | 57-66 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 | | 7.2 | | | | 7.2 | 3.5 | | | | 3.5 | 930 |
| | 03-05 | .1 | 7.2 | | | | 7.2 | 7.6 | .1 | | | 7.7 | 930 |
| | 06-08 | | 6.6 | | | | 6.6 | 6.5 | .5 | | | 6.9 | 930 |
| | 09-11 | .3 | 9.6 | | | .1 | 9.6 | 1.4 | .5 | | | 1.9 | 930 |
| | 12-14 | 1.6 | 10.1 | | | .2 | 10.1 | .2 | .5 | | | .8 | 930 |
| | 15-17 | 3.1 | 9.5 | | | | 9.5 | | .1 | | | .1 | 930 |
| | 18-20 | 2.9 | 11.0 | | | | 11.0 | .5 | | | | .5 | 930 |
| | 21-23 | 1.1 | 11.6 | | | | 11.6 | 1.4 | .1 | | | 1.5 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.1 | 9.6 | | | .0 | 9.6 | 2.6 | .2 | | | 2.9 | 7440 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

25220 — STATION
[illegible] INT APT — STATION NAME
57-66 — YEARS
JAN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (EST) | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 00-02 | .9 | 15.6 | | | | 15.6 | 6.[illegible] | 2.7 | | | 8.7 | 930 |
| | 03-05 | .5 | 14.3 | | | | 14.3 | 11.7 | 3.8 | | | 14.9 | 930 |
| | 06-08 | .2 | 12.5 | | | | 12.5 | 11.4 | 4.1 | | | 14.6 | 930 |
| | 09-11 | .2 | 12.4 | | | | 12.4 | 3.1 | 3.0 | | | 6.1 | 930 |
| | 12-14 | 1.2 | 15.5 | | | | 15.5 | .6 | 2.0 | | | 2.7 | 930 |
| | 15-17 | 2.9 | 16.3 | | | .1 | 16.3 | .4 | 1.2 | | | 1.6 | 930 |
| | 18-20 | 1.5 | 17.3 | | | | 17.3 | .5 | .9 | | | 1.4 | 930 |
| | 21-23 | .6 | 16.3 | | | | 16.3 | 1.6 | 2.2 | | | 3.8 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.0 | 15.0 | | | .0 | 15.0 | 4.4 | 2.5 | | | 6.7 | 7440 |

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

2

# WEATHER CONDITIONS

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 252 | [illegible] | 57-66 | SEP |

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 | | 12.6 | | .6 | | 13.1 | 9.[illegible] | .1 | | | 9.[illegible] | 900 |
| | 03-05 | | 15.1 | | .3 | | 15.4 | 18.1 | .3 | | | 18.1 | 900 |
| | 06-08 | | 13.7 | | .3 | | 16.0 | 22.[illegible] | .3 | | | 22.1 | 900 |
| | 09-11 | | 14.0 | | .2 | | 14.1 | 8.[illegible] | .2 | | | 8.1 | 900 |
| | 12-14 | .2 | 15.6 | | .4 | | 15.9 | 2.1 | | | | 2.1 | 900 |
| | 15-17 | .6 | 13.9 | | .4 | | 13.9 | 1.[illegible] | | | | 1.[illegible] | 900 |
| | 18-20 | .6 | 13.7 | | .6 | | 14.1 | 2.[illegible] | .1 | | | 2.1 | 900 |
| | 21-23 | .4 | 13.[illegible] | | .7 | | 13.7 | 4.8 | | | | 4.8 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 14.[illegible] | | .4 | | 14.[illegible] | 8.4 | .1 | | | 8.4 | 7200 |

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

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

| 72[illegible] | [illegible] | 57-66 | CT |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | | 10.9 | .2 | 4.1 | | 14.7 | 9.0 | .3 | | | 9.0 | 930 |
| | 03-05 | | 13.0 | | 4.1 | | 17.6 | 13.5 | .3 | | | 13.5 | 930 |
| | 06-08 | | 13.5 | .3 | 4.2 | | 17.8 | 15.9 | .2 | | | 15.9 | 930 |
| | 09-11 | | 14.4 | | 4.5 | | 18.6 | 10.3 | .2 | | | 10.3 | 930 |
| | 12-14 | .1 | 15.6 | .2 | 3.3 | | 18.8 | 4.3 | .2 | | | 4.8 | 930 |
| | 15-17 | .1 | 14.7 | .2 | 2.3 | | 16.8 | 3.7 | | | | 3.7 | 930 |
| | 18-20 | .2 | 13.0 | .2 | 3.1 | | 16.0 | 5.1 | .1 | | | 5.1 | 930 |
| | 21-23 | | 11.3 | | 3.0 | | 14.3 | 7.3 | | | | 7.3 | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 13.5 | .1 | 3.6 | | 16.8 | 8.7 | .2 | | | 8.7 | 7440 |

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

2

# WEATHER CONDITIONS

252 [illegible] 57-66 [illegible]
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND OR DRIZZLE | FREEZING RAIN & OR DRIZZLE | SNOW AND OR SLEET | HAIL | % OF OBS WITH PRECIP | FOG | SMOKE AND OR HAZE | BLOWING SNOW | DUST AND OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 00-02 | | 4.4 | 1.0 | 22.0 | | 27.7 | 9.3 | | .1 | | 9.4 | 900 |
| | 03-05 | | 4.1 | .0 | 21.9 | | 25.1 | 8.3 | | .1 | | 8.4 | 900 |
| | 06-08 | | 4.4 | .0 | 20.1 | | 24.4 | 10.0 | | | | 10.0 | 900 |
| | 09-11 | | 4.0 | | 17.4 | | 21.2 | 8.9 | | .2 | | 9.0 | 900 |
| | 12-14 | | 5.7 | .2 | 19.1 | | 24.4 | 5.2 | | .1 | | 5.3 | 900 |
| | 15-17 | .1 | 6.0 | .3 | 19.4 | | 24.0 | 5.9 | .4 | | | 6.0 | 900 |
| | 18-20 | | 4.4 | .6 | 23.2 | | 28.0 | 7.2 | | | | 7.2 | 900 |
| | 21-23 | | 5.4 | .7 | 23.9 | | 29.2 | 8.8 | | | | 8.8 | 900 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .0 | 5.1 | .5 | 21.0 | | 25.9 | 8.0 | .1 | .1 | | 8.1 | 7200 |

2

# WEATHER CONDITIONS

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 00-02 | | 1.5 | [illegible] | [illegible] | | [illegible] | 6.[illegible] | | .1 | | 6.2 | 930 |
| | 03-05 | | 2.5 | 1.1 | 29.9 | | [illegible].7 | 7.[illegible] | .1 | .2 | | 7.2 | 930 |
| | 06-08 | | [illegible].3 | .[illegible] | 26.5 | | 23.7 | 5.[illegible] | | .1 | | 5.9 | 930 |
| | 09-11 | | 2.3 | .9 | 22.2 | | 24.8 | 5.9 | .1 | | | 5.9 | 930 |
| | 12-14 | | 4.1 | .3 | 23.3 | .1 | 27.6 | 3.2 | .4 | .1 | | 3.[illegible] | 93[illegible] |
| | 15-17 | | 2.9 | 1.1 | 22.3 | | 25.7 | 3.4 | .1 | | | 3.5 | 930 |
| | 18-20 | | 2.6 | .9 | 27.4 | | 31.0 | 5.5 | | | | 5.5 | 930 |
| | 21-23 | | 3.[illegible] | .9 | 26.1 | | 31.0 | 6.[illegible] | | .1 | | 7.[illegible] | 930 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | | 2.7 | .9 | 25.4 | .0 | 28.3 | 5.5 | .1 | .1 | | 5.6 | 7440 |

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

[illegible]

# PART C SURFACE WINDS

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

1. Frequency Tables - Hourly Data: 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 (i.e., a tabulation of records through 1963, and in tens of degrees beginning in January 1964. [illegible] are tabulated. Those values which tend to appear most and standard deviations for the entire period. A study of a year's data may reveal values which appear to be the MAXIMUM value as reported for that year. Means and deviations are computed when four or more values are present for any direction. A supplementary list of both dates by year-month with < 90% observations reported is also provided.

   [illegible] specification, "peak gust data are recorded only at stations with continuous [illegible] available.

   DATA TYPE [illegible]

2. Individual Months by Year Tabulations: Derived from hourly observations, these tabulations are a permanent [illegible] to 16 compass points and also by wind speeds (knots) in increments of [illegible]. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

   A separate table is provided in this form for variable winds, which are reported in some data sources. In these cases [illegible] all the winds are reported with no directions but with speeds given, the speeds will be distributed in the appropriate groups opposite the column headed VARBL.

   a. [illegible] for all surface winds included, and for all years combined as follows:

      (1) Annual - all years combined

      (2) [illegible] - all years combined

      (3) [illegible] - all years combined [illegible]

   b. A [illegible] is provided for surface winds meeting the following ceiling and visibility conditions: Ceiling and Visibility: Ceiling 450 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.

DATA PROCESSING DIVISION
USAF/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 — STATION
[illegible] — STATION NAME
57-66 — YEARS
ALL — MONTH
ALL WEATHER — CLASS
ALL — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.1 | 3.9 | 4.1 | 2.4 | .5 | .1 | .0 | | | | | 17.3 | 6.7 |
| NNE | 1.3 | .2 | .5 | .4 | .1 | .0 | .0 | | | | | 2.5 | 5.4 |
| NE | 1.1 | .3 | .3 | .3 | .1 | .0 | | | | | | 2.1 | 4.7 |
| ENE | .4 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | .7 | 4.3 |
| E | 1.1 | .2 | .1 | .0 | .0 | .0 | | | | | | 1.4 | 3.1 |
| ESE | .3 | .1 | .0 | .0 | | | | | | | | .5 | 3.7 |
| SE | 1.6 | .5 | .3 | .1 | .0 | | | | | | | 2.5 | 3.6 |
| SSE | 2.2 | 1.0 | 1.5 | .7 | .2 | .1 | .0 | .0 | | | | 5.8 | 5.6 |
| S | 9.3 | 5.5 | 7.2 | 6.3 | 1.9 | .7 | .1 | .0 | | | | 31.2 | 5.2 |
| SSW | 1.4 | 1.1 | 1.4 | 1.1 | .3 | .1 | .0 | | | | | 5.3 | 5.2 |
| SW | 1.0 | .4 | .9 | .4 | .1 | .0 | .0 | | | | | 3.9 | 5.0 |
| WSW | .8 | .4 | .7 | .4 | .1 | .0 | .0 | | | | | 2.3 | 7.4 |
| W | 1.3 | .4 | 1.1 | .8 | .2 | .0 | .0 | .0 | | | | 4.6 | 7.0 |
| WNW | .7 | .4 | .8 | .5 | .1 | .0 | .0 | .0 | | | | 2.4 | 8.0 |
| NW | 1.3 | .7 | .8 | .3 | .0 | .0 | | | | | | 3.3 | 5.6 |
| NNW | 1.4 | 1.2 | 1.7 | 1.1 | .2 | .0 | .0 | | | | | 5.5 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 31.5 | 18.2 | 22.2 | 14.8 | 3.1 | 1.2 | .2 | .0 | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 17648

2

# SURFACE WINDS

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

52 STATION | [illegible] STATION NAME | 57-62 YEARS | [illegible] MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 0.5 | 6.6 | 3.- | .- | .1 | .1 | | | | | 2.- | 5.9 |
| NNE | .-1 | .6 | .2 | .1 | .- | | | | | | | 2.4 | 3.8 |
| NE | .1 | .1 | .1 | .1 | | | | | | | | 1.- | 3.3 |
| ENE | .- | .1 | .0 | .- | | | | | | | | .- | 2.3 |
| E | .- | .1 | .0 | | | | | | | | | 1.- | 2.1 |
| ESE | .- | .1 | | | | | | | | | | .- | 2.2 |
| SE | .- | .2 | .1 | .1 | | | | | | | | .- | 3.- |
| SSE | .- | 1.2 | 1.1 | .3 | .2 | .0 | | | | | | .- | 4.6 |
| S | 0.2 | 3.0 | 6.1 | 7.7 | 3.3 | 1.2 | .1 | | | | | 2.- | 9.9 |
| SSW | .- | .3 | .6 | 1.2 | .9 | .3 | .1 | | | | | .- | 11.5 |
| SW | .- | .2 | .2 | .1 | .0 | | | | | | | 1.- | 4.6 |
| WSW | .2 | .1 | .2 | .1 | .0 | | | | | | | .0 | 5.6 |
| W | .- | .3 | .2 | .1 | .- | .0 | .0 | | | | | 1.- | 4.4 |
| WNW | .1 | .1 | .1 | .1 | | .1 | .0 | | | | | .7 | 5.4 |
| NW | .0 | .2 | .2 | .1 | | | | | | | | 2.7 | 3.3 |
| NNW | 1.- | 1.3 | 1.6 | 1.6 | .3 | .1 | | | | | | 7.- | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.- | |
| | 33.3 | 15.7 | 17.6 | 14.3 | 5.8 | 1.7 | .2 | | | | | 100.- | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 744-

2

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 57-66 MONTH _____

CLASS ALL WEATHER HOURS (L S T) ALL

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 4.3 | 2.1 | 1.2 | .2 | .2 | | | | | | 2.9 | 4.8 |
| NNE | .3 | .3 | .2 | .5 | .2 | .1 | | | | | | 2.6 | 7.2 |
| NE | 1.1 | .1 | .1 | .1 | .1 | | | | | | | 2.2 | 3.2 |
| ENE | .2 | .6 | | .6 | | | | | | | | .5 | 2.6 |
| E | 1.3 | .6 | .0 | | | | | | | | | 1.3 | 2.1 |
| ESE | .1 | .2 | .0 | | | | | | | | | .2 | 2.5 |
| SE | 1.2 | .2 | .1 | .0 | | | | | | | | 1.5 | 2.9 |
| SSE | 1.2 | 1.3 | 1.7 | 1.0 | .3 | .2 | | | | | | 6.5 | 7.3 |
| S | 6.3 | 4.2 | 7.8 | 7.9 | 3.2 | 1.3 | .2 | | | | | 33.0 | 10.1 |
| SSW | 1.0 | .5 | 1.1 | 1.1 | .3 | .1 | | | | | | 4.0 | 8.7 |
| SW | 1.0 | .4 | .5 | .3 | .0 | .0 | | | | | | 2.2 | 5.7 |
| WSW | .4 | .2 | .5 | .4 | .1 | .0 | | | | | | 1.6 | 8.2 |
| W | 1.0 | .3 | .6 | .0 | .2 | .0 | .1 | .0 | | | | 3.2 | 8.6 |
| WNW | .2 | .2 | .5 | .2 | .3 | .0 | .0 | .0 | | | | 1.8 | 9.3 |
| NW | 1.1 | .3 | .5 | .4 | .1 | .0 | | | | | | 2.3 | 6.1 |
| NNW | .4 | 1.3 | 1.9 | 2.1 | .1 | .0 | | | | | | 6.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 21.8 | 14.1 | 20.7 | 13.6 | 5.9 | 2.0 | .3 | .0 | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 6760

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# SURFACE WINDS

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

2 | [illegible] | [illegible] | 61-65 | [illegible]
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 | 6.3 | 4.2 | 3.3 | 4.2 | 1.3 | .1 | | | | | | 21.5 | 7.5 |
| NNE | 1.7 | .5 | .6 | .5 | .2 | .1 | | | | | | 3.6 | 7.1 |
| NE | 2.1 | .4 | .4 | .3 | .1 | .1 | | | | | | 3.3 | 4.9 |
| ENE | .7 | .2 | .1 | .1 | | .1 | | | | | | 1.2 | 5.1 |
| E | 1.4 | .3 | .1 | .1 | | | | | | | | 1.9 | 3.4 |
| ESE | .4 | .1 | .1 | .1 | | | | | | | | .6 | 4.1 |
| SE | .3 | .4 | .3 | .1 | .1 | | | | | | | 2.1 | 4.1 |
| SSE | 1.6 | 1.9 | 1.7 | .8 | .4 | .1 | .1 | | | | | 6.6 | 7.8 |
| S | 6.9 | 2.3 | 2.4 | 6.0 | 1.9 | .6 | .1 | .6 | | | | 26.7 | 8.3 |
| SSW | .7 | .3 | 1.2 | 1.2 | .4 | .1 | .0 | | | | | 4.5 | 9.1 |
| SW | 1.1 | .7 | .9 | .3 | .1 | .0 | .0 | | | | | 3.2 | 6.4 |
| WSW | .3 | .3 | .4 | .4 | .0 | | | | | | | 1.6 | 7.8 |
| W | 1.2 | .6 | .8 | .6 | .2 | .1 | .0 | | | | | 3.7 | 7.4 |
| WNW | .3 | .3 | .4 | .3 | .2 | .1 | | | | | | 1.5 | 9.6 |
| NW | 1.2 | .4 | .5 | .2 | .1 | .0 | | | | | | 2.4 | 5.4 |
| NNW | 1.6 | 1.1 | 2.0 | 1.7 | .2 | .1 | | | | | | 6.3 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 0.2 | |
| | 28.1 | 17.4 | 21.9 | 17.1 | 4.8 | 1.4 | .3 | .0 | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 7440

2

# SURFACE WINDS

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

23Z.. STATION | MYRTLE BEACH S C AUT APT STATION NAME | 57-66 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 | 3.1 | 2.4 | 3.7 | 2.8 | .6 | .2 | .0 | | | | | 15.8 | 7.5 |
| NNE | 1.2 | .5 | .7 | .3 | .2 | .2 | .0 | | | | | 4.1 | 7.3 |
| NE | .6 | .5 | .9 | .8 | .2 | .1 | | | | | | 4.1 | 7.3 |
| ENE | .3 | .2 | .3 | .2 | .0 | .0 | .0 | | | | | 1.2 | 7.1 |
| E | .4 | .3 | .3 | .0 | .0 | .0 | | | | | | 2.7 | 4.0 |
| ESE | .4 | .2 | .1 | .0 | | | | | | | | .7 | 4.3 |
| SE | 1.4 | .6 | .5 | .1 | .0 | | | | | | | 2.7 | 4.6 |
| SSE | 1.8 | 1.4 | 1.2 | 1.0 | .2 | .1 | | | | | | 5.7 | 6.9 |
| S | 7.6 | 5.3 | 5.5 | 4.6 | 1.3 | .4 | .1 | | | | | 24.9 | 7.5 |
| SSW | 1.1 | .8 | 1.4 | 1.4 | .3 | .1 | .0 | | | | | 5.2 | 9.1 |
| SW | 1.0 | 1.0 | 1.3 | .7 | .2 | .1 | .0 | | | | | 4.7 | 7.0 |
| WSW | .7 | .5 | 1.0 | .6 | .2 | .1 | .0 | | | | | 3.2 | 8.8 |
| W | 2.1 | 1.0 | 1.8 | 1.2 | .5 | .1 | .0 | | | | | 6.7 | 8.0 |
| WNW | .8 | .6 | 1.1 | .7 | .1 | .1 | .0 | | | | | 3.5 | 8.6 |
| NW | 1.6 | .7 | 1.0 | .5 | .1 | .0 | | | | | | 3.9 | 6.0 |
| NNW | 1.4 | 1.2 | 2.2 | 1.0 | .2 | | | | | | | 5.4 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.3 | |
| | 29.2 | 17.1 | 25.0 | 17.2 | 4.6 | 1.4 | .2 | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 7200

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

DATA PROCESSING DIVISION
USAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 2220 | SEATTLE BOEING FIELD INT'L APT | 57-66 | 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 | 3.7 | 3.1 | 5.8 | 2.6 | .4 | .2 | | | | | | 15.7 | 7.4 |
| NNE | 1.0 | .6 | 1.0 | 1.2 | .3 | .0 | | | | | | 4.1 | 8.8 |
| NE | 1.2 | .7 | .9 | 1.2 | .3 | .0 | | | | | | 4.4 | 7.6 |
| ENE | .4 | .2 | .3 | .1 | | | | | | | | .9 | 6.2 |
| E | 1.2 | .3 | .3 | .1 | .0 | | | | | | | 1.7 | 4.6 |
| ESE | .4 | .2 | .1 | .1 | | | | | | | | .9 | 5.1 |
| SE | 1.1 | .6 | .4 | .3 | .0 | | | | | | | 3.1 | 4.8 |
| SSE | 1.2 | 1.0 | 1.0 | .7 | .2 | | | | | | | 4.7 | 6.4 |
| S | 7.9 | 4.0 | 3.5 | 2.0 | .4 | .1 | | | | | | 18.7 | 5.7 |
| SSW | 1.7 | 1.2 | 2.0 | 1.0 | .1 | .0 | | | | | | 6.2 | 6.9 |
| SW | 2.4 | 1.3 | 1.6 | .8 | .1 | .0 | | | | | | 6.4 | 6.1 |
| WSW | .6 | .7 | 1.4 | 1.1 | .1 | .0 | | | | | | 4.1 | 8.5 |
| W | 2.1 | 1.4 | 2.2 | 1.7 | .3 | .0 | .0 | | | | | 7.6 | 7.7 |
| WNW | .6 | .6 | 1.5 | .9 | .2 | .0 | | | | | | 4.1 | 8.4 |
| NW | 1.7 | 1.3 | 1.9 | .8 | .2 | .0 | | | | | | 6.3 | 6.7 |
| NNW | 1.3 | 1.2 | 2.0 | .9 | .1 | .0 | | | | | | 5.7 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.4 | |
| | 30.0 | 19.4 | 25.9 | 15.3 | 2.8 | .4 | .0 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
(TAC/USAF)
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2526 STATION — PRINCE GEORGE B C CUT APT STATION NAME — 57-66 YEARS — ANN 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 | 3.8 | 2.2 | 3.6 | 1.7 | .1 | | | | | | | 11.1 | 5.7 |
| NNE | 1.1 | .8 | .8 | .3 | .1 | .0 | | | | | | 3.1 | 5.3 |
| NE | 1.4 | .6 | .4 | .2 | .0 | | | | | | | 2.6 | 4.6 |
| ENE | .4 | .1 | .2 | .1 | | | | | | | | .3 | 3.4 |
| E | 1.2 | .3 | .2 | .1 | | | | | | | | 1.7 | 3.6 |
| ESE | .2 | .1 | .1 | .0 | | | | | | | | .3 | 3.1 |
| SE | 1.1 | .5 | .4 | .1 | .0 | | | | | | | 2.7 | 4.2 |
| SSE | 2.3 | 1.6 | 1.6 | .7 | .0 | | | | | | | 6.2 | 5.3 |
| S | 10.1 | 5.1 | 6.2 | 2.6 | .3 | .0 | | | | | | 25.5 | 5.7 |
| SSW | 1.3 | 1.7 | 2.0 | .9 | .1 | .0 | | | | | | 6.6 | 6.3 |
| SW | 2.3 | 1.2 | 1.6 | .7 | .0 | .0 | | | | | | 5.1 | 5.8 |
| WSW | 1.1 | .9 | 1.7 | .6 | .2 | .0 | | | | | | 4.5 | 7.5 |
| W | 2.3 | 1.3 | 1.9 | 1.3 | .2 | .1 | .0 | | | | | 7.2 | 7.2 |
| WNW | .8 | .8 | 1.8 | 1.0 | .2 | .0 | | | | | | 4.5 | 5.9 |
| NW | 1.7 | 1.2 | 1.4 | .7 | .1 | | | | | | | 5.1 | 6.3 |
| NNW | 1.2 | 1.3 | 2.0 | 1.1 | .1 | | | | | | | 5.6 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 33.0 | 20.2 | 25.8 | 12.1 | 1.4 | .2 | .0 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 6 — STATION
PRINCE GEORGE A C CUT APT — STATION NAME
57-96 — 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 | 3.9 | 2.9 | 3.5 | 1.5 | .2 | .1 | | | | | | 12.0 | 5.4 |
| NNE | 1.3 | .4 | .5 | .4 | .2 | | | | | | | 2.6 | 5.7 |
| NE | 1.0 | .6 | .4 | .3 | .2 | | | | | | | 3.0 | 4.9 |
| ENE | .4 | .1 | .1 | .1 | .0 | | | | | | | .8 | 5.2 |
| E | 1.1 | .3 | .2 | .0 | | | | | | | | 1.6 | 3.5 |
| ESE | .4 | .1 | .0 | .0 | | | | | | | | .6 | 3.2 |
| SE | .8 | .6 | .4 | .1 | .0 | | | | | | | 2.1 | 3.7 |
| SSE | 2.2 | 1.4 | 1.2 | .4 | | | | | | | | 5.3 | 5.4 |
| S | 10.7 | 6.5 | 6.5 | 2.6 | .1 | .0 | .0 | | | | | 26.6 | 5.6 |
| SSW | 2.1 | 1.2 | 1.7 | .8 | .0 | | | | | | | 5.7 | 6.3 |
| SW | 2.0 | 1.6 | 1.6 | .5 | .1 | | | | | | | 6.4 | 5.5 |
| WSW | .8 | .0 | 1.0 | .3 | .1 | | | | | | | 3.1 | 7.2 |
| W | 2.6 | 1.0 | 2.1 | 1.3 | .1 | .2 | | | | | | 7.4 | 6.9 |
| WNW | .7 | .5 | 1.2 | .8 | .1 | .0 | | | | | | 3.7 | 8.0 |
| NW | 1.8 | 1.1 | 1.4 | .4 | .0 | .0 | | | | | | 4.7 | 6.0 |
| NNW | 1.3 | 1.2 | 1.6 | .5 | .0 | | | | | | | 4.7 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.8 | |
| | 34.9 | 21.2 | 23.5 | 10.6 | .9 | .1 | .0 | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING INVENTORY
ETAC/USA
AIR WEATHER SERVICE/ AC

2

# SURFACE WINDS

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

732.6 STATION | PATRICK AFB/ C C CUT APT STATION NAME | 57-60 YEARS | J U 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 | 4.3 | 3.0 | 3.5 | 1.6 | .6 | .0 | | | | | | 12.2 | 5.8 |
| NNE | .9 | .4 | .5 | .2 | .0 | | | | | | | 2.0 | 5.2 |
| NE | 1.0 | .4 | .4 | .3 | | | | | | | | 2.7 | 4.6 |
| ENE | .3 | .1 | .1 | .1 | | | | | | | | .5 | 4.7 |
| E | 1.0 | .2 | .1 | | | | | | | | | 1.3 | 2.8 |
| ESE | .2 | .1 | .1 | | | | | | | | | .4 | 3.4 |
| SE | 1.0 | .2 | .2 | .0 | | | | | | | | 1.4 | 3.4 |
| SSE | 2.2 | 1.7 | 1.3 | .3 | .0 | | | | | | | 6.3 | 4.9 |
| S | 12.9 | 7.0 | 8.1 | 3.8 | .1 | | | | | | | 31.9 | 5.3 |
| SSW | 1.5 | 1.3 | 1.7 | 1.1 | .1 | | | | | | | 6.0 | 6.9 |
| SW | 2.1 | 1.2 | 1.2 | .3 | .0 | .0 | | | | | | 4.8 | 5.1 |
| WSW | .5 | .7 | .8 | .4 | .0 | .0 | | | | | | 2.9 | 6.7 |
| W | 2.2 | 1.0 | 1.5 | .6 | .1 | | | | | | | 5.4 | 5.9 |
| WNW | .9 | .6 | 1.3 | .6 | .1 | .0 | | | | | | 3.5 | 7.7 |
| NW | 2.1 | .9 | 1.2 | .2 | .0 | .0 | | | | | | 4.3 | 5.3 |
| NNW | 1.4 | 1.1 | 1.4 | .4 | .1 | | | | | | | 4.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.3 | |
| | 37.4 | 20.1 | 23.2 | 9.2 | .6 | .1 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 7446

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

722 [illegible] PRINCE GEORGE A C UOT APT — STATION / STATION NAME

57-66 — YEARS

SEP — MONTH

ALL WEATHER — CLASS

ALL — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.4 | 3.2 | 3.6 | 2.0 | .3 | .1 | .0 | | | | | 13.6 | 6.7 |
| NNE | 1.4 | .6 | .2 | .2 | .1 | .0 | | | | | | 2.7 | 5.5 |
| NE | 1.4 | .2 | .3 | .2 | .1 | .1 | | | | | | 2.1 | 4.9 |
| ENE | .4 | .0 | .0 | .0 | | .0 | | | | | | .5 | 4.4 |
| E | .0 | .0 | .0 | .0 | | | | | | | | .1 | 2.3 |
| ESE | .4 | .0 | .0 | | | | | | | | | .5 | 2.6 |
| SE | .6 | .4 | .3 | .0 | | | | | | | | 1.3 | 3.5 |
| SSE | 1.9 | 1.9 | 1.7 | .5 | .0 | .1 | .0 | | | | | 7.1 | 5.5 |
| S | 11.0 | 6.8 | 7.5 | 6.2 | 1.1 | .3 | .1 | | | | | 33.5 | 7.0 |
| SSW | 2.0 | 1.2 | 1.4 | 1.1 | .2 | .0 | .0 | | | | | 5.9 | 6.9 |
| SW | 1.9 | 1.1 | .7 | .2 | .0 | | | | | | | 3.9 | 4.7 |
| WSW | .9 | .5 | .7 | .2 | .0 | | | | | | | 2.3 | 5.7 |
| W | 1.8 | .9 | .8 | .6 | .1 | | | | | | | 4.2 | 5.9 |
| WNW | .7 | .3 | .4 | .4 | .1 | | | | | | | 1.9 | 7.3 |
| NW | .7 | .7 | .7 | .2 | .0 | .0 | | | | | | 3.2 | 4.8 |
| NNW | 1.6 | 1.2 | 1.3 | .6 | .1 | .0 | .0 | | | | | 4.6 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 35.1 | 19.0 | 19.8 | 12.3 | 2.2 | .6 | .2 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
STAC/USAF
AIR FORCE GLOBAL WEATHER CENTRAL

2

# SURFACE WINDS

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

252 STATION | PRINCE GEORGE A C & NUT APT STATION NAME | 57-64 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 | 4.0 | 3.1 | 3.1 | 1.3 | .3 | .2 | .0 | | | | | 12.0 | 6.3 |
| NNE | 1.2 | .4 | .4 | .3 | .1 | .1 | | | | | | 2.6 | 5.3 |
| NE | 1.2 | .2 | .1 | .2 | .1 | .0 | | | | | | 1.9 | 4.9 |
| ENE | .4 | .1 | .0 | .0 | | | | | | | | .5 | 3.1 |
| E | .7 | .1 | .0 | | | | | | | | | .9 | 2.6 |
| ESE | .2 | .1 | .0 | .0 | | | | | | | | .3 | 3.2 |
| SE | 1.4 | .5 | .2 | .0 | .0 | | | | | | | 2.1 | 3.0 |
| SSE | 2.1 | 2.0 | 1.9 | 1.1 | .5 | .4 | .0 | .0 | | | | 8.0 | 8.2 |
| S | 7.2 | 6.3 | 9.3 | 11.5 | 4.7 | 1.7 | .3 | .1 | | | | 41.1 | 10.2 |
| SSW | 2.2 | 1.2 | 1.7 | 1.8 | .7 | .2 | | | | | | 6.5 | 9.8 |
| SW | 1.2 | .7 | .7 | .4 | .1 | .1 | | | | | | 3.2 | 6.0 |
| WSW | .8 | .3 | .5 | .3 | .0 | | | | | | | 1.7 | 5.4 |
| W | 1.3 | .4 | .7 | .7 | .1 | .1 | | | | | | 3.3 | 7.0 |
| WNW | .6 | .2 | .4 | .2 | .1 | | .0 | | | | | 1.5 | 6.8 |
| NW | .8 | .3 | .3 | .1 | | .0 | | | | | | 1.5 | 4.8 |
| NNW | 1.2 | .9 | 1.0 | .3 | .1 | | | | | | | 3.5 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.7 | |
| | 25.9 | 18.8 | 20.4 | 18.3 | 6.7 | 2.6 | .4 | .1 | | | | 100.0 | 7.6 |

TOTAL NUMBER OF OBSERVATIONS 7440

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

7822 (STATION) PRINCE GEORGE C CUT APT (STATION NAME) 57-66 (YEARS) V (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 | 3.7 | 4.9 | 4.3 | 2.7 | .5 | .1 | | | | | | 16.4 | 5.5 |
| NNE | 1.8 | .7 | .3 | .1 | .0 | .0 | | | | | | 3.[illegible] | 4.4 |
| NE | 1.8 | .1 | .1 | | .0 | | | | | | | 2.[illegible] | 2.6 |
| ENE | .5 | .1 | .0 | | | | | | | | | .6 | 2.6 |
| E | 1.4 | .1 | | | | | | | | | | 1.6 | 2.3 |
| ESE | .3 | .1 | | | | | | | | | | .4 | 2.4 |
| SE | 1.3 | .6 | .2 | .0 | .0 | | | | | | | 2.6 | 3.5 |
| SSE | 2.3 | 1.8 | 1.8 | .7 | .2 | .3 | .1 | .0 | | | | 7.5 | 7.3 |
| S | 9.9 | 5.8 | 10.5 | 8.8 | 2.7 | 1.5 | .3 | .1 | | | | 36.7 | 9.6 |
| SSW | 1.0 | .6 | 1.1 | 1.0 | .3 | .1 | | | | | | 4.1 | 8.9 |
| SW | .7 | .5 | .5 | .2 | .0 | .0 | | | | | | 2.1 | 5.7 |
| WSW | .4 | .2 | .2 | .2 | .1 | | | | | | | 1.1 | 7.5 |
| W | 1.1 | .4 | .5 | .3 | .1 | | .0 | | | | | 2.5 | 6.2 |
| WNW | .4 | .3 | .3 | .1 | .0 | .0 | | | | | | 1.4 | 5.6 |
| NW | 1.4 | .5 | .3 | .2 | .0 | .0 | | | | | | 2.5 | 4.6 |
| NNW | 1.5 | 1.4 | 1.5 | 1.4 | .2 | | | | | | | 5.9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 29.9 | 18.1 | 21.6 | 15.7 | 4.4 | 2.1 | .4 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAFETAC FORM JUL 64 0 8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 / PRINCE GEORGE, B C CUT ART — 57-66 — JAN
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 | 6.2 | 6.0 | 5.3 | 2.9 | .7 | .2 | .0 | | | | | 24.3 | 6.3 |
| NNE | 1.3 | .4 | .1 | .1 | .0 | | | | | | | 2.1 | 3.6 |
| NE | 1.1 | .2 | .0 | | | | | | | | | 1.3 | 2.4 |
| ENE | .4 | .0 | .0 | .0 | | | | | | | | .5 | 3.1 |
| E | 1.2 | .1 | .1 | .0 | | | | | | | | 1.4 | 2.6 |
| ESE | .3 | .0 | .0 | | | | | | | | | .3 | 2.3 |
| SE | 1.1 | .6 | .2 | .0 | | | | | | | | 2.5 | 3.4 |
| SSE | 2.4 | 1.9 | 1.6 | .4 | .2 | .0 | | | | | | 6.5 | 5.8 |
| S | 7.3 | 5.4 | 9.0 | 9.3 | 3.4 | 1.0 | .3 | .0 | | | | 36.4 | 9.8 |
| SSW | .8 | .8 | 1.1 | 1.2 | .5 | .1 | | | | | | 4.6 | 7.3 |
| SW | 1.0 | .3 | .4 | .2 | | | | | | | | 1.9 | 5.1 |
| WSW | .2 | .1 | .3 | .1 | .0 | .0 | | | | | | .8 | 7.1 |
| W | .9 | .3 | .5 | .2 | .0 | | | | | | | 2.0 | 5.2 |
| WNW | .3 | .1 | .1 | .2 | | .0 | .0 | | | | | .8 | 7.6 |
| NW | .7 | .2 | .2 | .0 | .0 | | | | | | | 1.4 | 3.7 |
| NNW | .9 | 1.2 | 1.6 | 1.3 | .2 | | | | | | | 5.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 30.4 | 18.3 | 20.6 | 16.0 | 5.0 | 1.9 | .3 | .0 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ AC

2

# SURFACE WINDS

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

252 STATION | FRANCE GEORGE - C CUT APT STATION NAME | 57-66 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 | 13.2 | 7.3 | 6.7 | 2.7 | .4 | .1 | .1 | | | | | 30.5 | 5.7 |
| NNE | 1.- | .6 | .4 | .1 | | | | | | | | 2.2 | 4.7 |
| NE | 1.4 | .1 | | | | | | | | | | 1.5 | 1.9 |
| ENE | .2 | .1 | | | | | | | | | | .3 | 2.7 |
| E | .2 | | | | | | | | | | | .2 | 1.8 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 2.2 | .4 | | | | | | | | | | 2.6 | 2.5 |
| SSE | .- | 1.3 | 1.2 | | .4 | | | | | | | 4.7 | 6.1 |
| S | 7.2 | 4.1 | 4.4 | 5.6 | 4.3 | 2.3 | | | | | | 27.4 | 10.1 |
| SSW | .3 | .3 | 1.1 | 1.2 | .4 | .2 | .1 | | | | | 3.7 | 12.2 |
| SW | .- | .2 | .2 | | | | | | | | | 1.2 | 3.6 |
| WSW | .2 | .1 | .1 | | | | | | | | | .3 | 3.1 |
| W | 1.- | .4 | .2 | | | | | | | | | 1.6 | 3.3 |
| WNW | .2 | .1 | | | | | | | | | | .6 | 2.8 |
| NW | 1.2 | .8 | .3 | | | | | | | | | 2.3 | 3.4 |
| NNW | 1.0 | 1.5 | 1.0 | 2.4 | .6 | .1 | | | | | | 7.2 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.0 | |
| | 35.9 | 17.4 | 15.6 | 11.9 | 6.2 | 2.7 | .2 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING SYSTEM
USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2624 (STATION) — CRAIG AF AUX 2,6 (STATION NAME) — 57-66 (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 | 13.0 | 7.0 | 6.3 | 2.0 | 1.1 | .1 | | | | | | 31.5 | 5.0 |
| NNE | 1.3 | .6 | .2 | | | | | | | | | 2.2 | 3.7 |
| NE | 1.0 | .1 | | | | | | | | | | 1.7 | 2.2 |
| ENE | | | | | | | | | | | | | |
| E | 1.1 | | .1 | | | | | | | | | 1.2 | 2.3 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 1.4 | 1.0 | .2 | .1 | | | | | | | | 3.2 | 3.7 |
| SSE | 2.2 | 1.3 | 1.0 | .2 | | .1 | | | | | | 4.7 | 5.3 |
| S | 6.5 | 3.9 | 4.7 | 7.7 | 3.5 | 1.5 | .3 | | | | | 28.5 | 10.2 |
| SSW | .6 | .3 | .4 | .5 | .4 | .1 | .1 | | | | | 2.4 | 11.1 |
| SW | .2 | .3 | .3 | .1 | | | | | | | | 1.3 | 5.3 |
| WSW | .3 | | .2 | | .1 | | | | | | | .6 | 7.3 |
| W | 1.4 | .4 | .2 | | | | | | | | | 2.0 | 3.4 |
| WNW | .1 | .3 | | | | | | | | | | .4 | 5.3 |
| NW | 1.4 | .3 | .2 | | | | | | | | | 2.5 | 3.4 |
| NNW | 1.1 | 1.6 | 1.3 | 1.3 | .4 | | | | | | | 6.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.9 | |
| | 36.2 | 17.7 | 17.2 | 12.6 | 5.6 | 1.8 | .4 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PR[illegible] DIVISION
STATION
AIR [illegible]

2

# SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 57-60 YEARS | JA MONTH

ALL CLASS | 0600-0900 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 11.2 | 0.2 | 0.0 | 2.1 | .2 | | | | | | | 2.7 | 3.9 |
| NNE | 1.0 | .4 | .1 | | | | | | | | | 1.5 | 3.1 |
| NE | .0 | .1 | .1 | .2 | | | | | | | | .4 | 3.5 |
| ENE | .3 | | | .1 | | | | | | | | .4 | 3.1 |
| E | 1.2 | .2 | | | | | | | | | | .7 | 2.4 |
| ESE | .2 | | | | | | | | | | | .2 | 2.5 |
| SE | 2.3 | 1.1 | .1 | | | | | | | | | 3.4 | 3.2 |
| SSE | 1.3 | 1.2 | .6 | | .1 | | | | | | | 3.1 | 5.4 |
| S | 7.0 | 4.3 | 7.5 | 7.7 | 3.1 | .5 | | | | | | 30.1 | 8.9 |
| SSW | .3 | .2 | .9 | 1.3 | .9 | .1 | | | | | | 3.7 | 12.0 |
| SW | .2 | | .1 | .4 | | | | | | | | 1.3 | 5.5 |
| WSW | .2 | | | .2 | | | | | | | | .5 | 6.0 |
| W | .1 | .3 | | .1 | | | .1 | | | | | 1.6 | 4.9 |
| WNW | .2 | .1 | .1 | .1 | | | .1 | | | | | 1.1 | 6.9 |
| NW | 1.2 | .3 | .1 | .2 | | | | | | | | 2.1 | 3.5 |
| NNW | 2.0 | .6 | 2.9 | 1.3 | .4 | | | | | | | 7.2 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.2 | |
| | 34.9 | 13.2 | 16.2 | 15.1 | 5.4 | .6 | .2 | | | | | 100.1 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

STATION: 24234 STATION NAME: MCCHORD A F B EAT APT YEARS: 57-60 MONTH: JA

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

CONDITION:

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 11.3 | 7.7 | 3.7 | 3.2 | .5 | .2 | | | | | | 26.6 | 6.0 |
| NNE | 1.6 | .3 | .1 | | .2 | | | | | | | 2.3 | 4.4 |
| NE | 2.3 | .3 | .2 | | | | | | | | | 3.0 | 3.7 |
| ENE | .3 | .2 | .1 | | | | | | | | | .5 | 4.6 |
| E | 1.2 | | | | | | | | | | | 1.2 | 2.0 |
| ESE | .4 | | | | | | | | | | | .4 | 2.0 |
| SE | 1.1 | .3 | .1 | | | | | | | | | 2.3 | 2.6 |
| SSE | 2.4 | 1.7 | 1.6 | .3 | .8 | | | | | | | 6.3 | 6.6 |
| S | 6.7 | 3.1 | 5.7 | 10.3 | 3.3 | 1.1 | | | | | | 30.2 | 10.0 |
| SSW | 1.0 | .2 | 1.0 | 1.2 | .2 | .3 | | | | | | 4.3 | 10.5 |
| SW | .3 | | .1 | | .1 | | | | | | | .5 | 6.4 |
| WSW | .2 | | .2 | | | | | | | | | .9 | 3.3 |
| W | .4 | .4 | .3 | | | .1 | | | | | | 1.3 | 6.3 |
| WNW | .2 | | | | | | | | | | | .3 | 3.0 |
| NW | 1.0 | .4 | .2 | | | | | | | | | 1.6 | 3.6 |
| NNW | 1.4 | .7 | 2.0 | 1.5 | .4 | | | | | | | 6.2 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 31.3 | 15.0 | 17.6 | 17.2 | 5.8 | 1.7 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING DIVISION
ETAC/USA
2 [illegible] EAST ENTERPRISE, NC

# SURFACE WINDS

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

[illegible] [illegible] [illegible] 57-66 JAN.
STATION STATION NAME YEARS MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 12.2 | 7.2 | 7.0 | 3.4 | 1.2 | .3 | | | | | | 31.3 | 6.3 |
| NNE | 3.4 | 1.2 | .1 | | | | | | | | | 4.5 | 3.1 |
| NE | 2.3 | .1 | | | | | | | | | | 2.5 | 2.0 |
| ENE | .7 | | | | | | | | | | | .7 | 1.9 |
| E | 2.0 | | | | | | | | | | | 2. | 1.9 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 1.9 |
| SE | 1.0 | .4 | .2 | | | | | | | | | 2.5 | 2.7 |
| SSE | 1.1 | 1.4 | 1.7 | 1.3 | .4 | | | | | | | 5.9 | 8.4 |
| S | 4.2 | 1.7 | 2.9 | 9.4 | 2.8 | 1.0 | | | | | | 26.5 | 10.7 |
| SSW | .2 | .3 | 1.1 | 2.0 | 1.8 | .9 | | | | | | 6.9 | 13.4 |
| SW | .4 | .2 | .1 | | | | | | | | | 1.2 | 3.2 |
| WSW | .2 | | .3 | .2 | | | | | | | | .8 | 7.7 |
| W | .2 | .3 | .2 | .1 | | | | | | | | 1.3 | 4.9 |
| WNW | .1 | | .3 | | | | | | | | | .4 | 7.0 |
| NW | .2 | .1 | | | | | | | | | | .4 | 2.8 |
| NNW | 1.2 | 1.3 | 1.2 | 1.4 | .2 | | | | | | | 6.1 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 34.2 | 13.2 | 13.1 | 17.4 | 6.8 | 2.2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

[illegible] (STATION) [illegible] (STATION NAME) 57-60 (YEARS) JA. (MONTH)

ALL CASES (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 | 12.2 | 6.6 | 6.0 | 4.4 | 1.1 | .1 | | | | | | 30.6 | 6.2 |
| NNE | 1.2 | .3 | .2 | .1 | | | | | | | | 2.3 | 4.[illegible] |
| NE | 2.1 | .1 | | | | | | | | | | 2.[illegible] | 2.[illegible] |
| ENE | .8 | .2 | | | | | | | | | | .9 | 2.3 |
| E | 1.[illegible] | | | | | | | | | | | 1.[illegible] | 1.9 |
| ESE | .1 | .3 | | | | | | | | | | .4 | 4.0 |
| SE | .[illegible] | .2 | .3 | | | | | | | | | 2.[illegible] | 3.5 |
| SSE | 1.3 | 1.[illegible] | 1.1 | .6 | .1 | | | | | | | 5.1 | 5.5 |
| S | 3.1 | 3.9 | 7.6 | 7.7 | 3.1 | 1.2 | | | | | | 28.5 | 9.9 |
| SSW | 1.1 | .3 | .5 | 1.2 | .3 | .3 | | | | | | 3.[illegible] | 10.1 |
| SW | 1.0 | .3 | .4 | .2 | | | | | | | | 2.6 | 4.4 |
| WSW | .4 | .2 | .5 | .3 | | | | | | | | 1.4 | 7.2 |
| W | .[illegible] | .2 | | .1 | .1 | | | | | | | 1.3 | 4.3 |
| WNW | .2 | .1 | | | | | | | | | | .3 | 3.[illegible] |
| NW | 1.3 | .3 | .4 | | | | | | | | | 2.0 | 3.9 |
| NNW | 2.3 | 1.4 | 1.4 | 1.1 | .9 | | | | | | | 7.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 30.4 | 16.8 | 18.6 | 15.9 | 5.6 | 1.6 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| 952 | PRINCE GEORGE B C INT APT | 57-66 | JUL |

CLASS: ALL WEATHER

CONDITION:

HOURS (L S T): 1800-2000

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 12.7 | 6.6 | 6.1 | 2.7 | .8 | | .1 | | | | | 28.9 | 5.8 |
| NNE | 2.0 | .4 | .2 | | .1 | | | | | | | 2.7 | 3.6 |
| NE | 2.8 | .1 | .2 | | | | | | | | | 3.1 | 2.4 |
| ENE | .7 | | | | | | | | | | | .7 | 2.2 |
| E | 1.4 | | | | | | | | | | | 1.4 | 2.2 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 1.0 | .4 | .1 | | | | | | | | | 2.2 | 2.8 |
| SSE | 2.3 | .8 | 1.2 | .6 | .2 | | | | | | | 5.3 | 6.3 |
| S | 9.9 | 4.0 | 5.8 | 6.2 | 2.7 | 1.5 | | | | | | 26.8 | 9.6 |
| SSW | 1.1 | .2 | .6 | 1.2 | .5 | .1 | | | | | | 3.1 | 9.4 |
| SW | 1.1 | .5 | .3 | .1 | .1 | | | | | | | 2.2 | 4.9 |
| WSW | .3 | .1 | | .1 | | | | | | | | .5 | 4.2 |
| W | .6 | .1 | .3 | .2 | | | | | | | | 1.6 | 5.1 |
| WNW | .4 | .1 | .3 | .2 | | .1 | | | | | | 1.2 | 7.9 |
| NW | 2.0 | .5 | .2 | | | | | | | | | 2.8 | 3.2 |
| NNW | 2.3 | 1.1 | 1.7 | 2.4 | .8 | | | | | | | 8.4 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 39.1 | 16.8 | 17.2 | 13.8 | 5.2 | 1.7 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS: 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2720 (STATION) PRINCE GEORGE B C INT APT (STATION NAME) 57-66 (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 | 12.9 | 5.6 | 7.1 | 2.6 | .8 | .1 | .2 | | | | | 28.6 | 5.0 |
| NNE | 1.4 | .1 | .2 | .2 | | | | | | | | 1.9 | 4.3 |
| NE | 2.4 | | | | | | | | | | | 2.3 | 1.8 |
| ENE | .6 | | | | | | | | | | | .7 | 2.0 |
| E | 1.2 | .2 | | | | | | | | | | 1.5 | 2.1 |
| ESE | .4 | | | | | | | | | | | .3 | 1.7 |
| SE | 2.2 | .2 | .1 | | | | | | | | | 2.5 | 2.7 |
| SSE | 1.8 | .4 | .6 | .9 | .3 | | | | | | | 4.1 | 7.3 |
| S | 7.6 | 3.8 | 5.9 | 7.1 | 3.3 | 1.0 | .4 | | | | | 28.7 | 9.8 |
| SSW | .4 | .3 | .6 | .2 | .5 | .3 | | | | | | 2.9 | 10.4 |
| SW | 1.0 | .1 | .1 | | | | | | | | | 1.2 | 3.2 |
| WSW | .4 | .1 | .3 | | | | | | | | | 1.3 | 3.7 |
| W | .3 | .3 | .2 | | | | | | | | | 1.4 | 3.9 |
| WNW | .8 | .2 | .2 | | | | | | | | | 1.2 | |
| NW | 2.3 | .5 | .3 | | | | | | | | | 3.4 | |
| NNW | 1.5 | 1.5 | 2.0 | 1.4 | .9 | .2 | | | | | | 7.5 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.8 | |
| | 37.8 | 14.9 | 17.8 | 12.6 | 5.8 | 1.6 | .6 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0 8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AT[illegible] PR[illegible] ESSIN[illegible] IVISION
[illegible]TAC/USA
[illegible]IR [illegible]EAT E[illegible] E[illegible] VICE/[illegible]AC

# SURFACE WINDS

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

25[illegible]36 [illegible]RINCE GEORGE [illegible] C [illegible]UT [illegible]PT 57-66 [illegible]
STATION STATION NAME YEARS

[illegible]
MONTH

ALL [illegible]EATHER
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 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | .4 | | | | | | [illegible] | [illegible] |
| NNE | [illegible] | .4 | .2 | .1 | | .1 | | | | | | [illegible] | [illegible] |
| NE | .4 | .2 | .1 | | | | | | | | | [illegible] | [illegible] |
| ENE | .4 | | | | | | | | | | | .4 | 2.3 |
| E | .3 | | .1 | | | | | | | | | .5 | 3.6 |
| ESE | | | .1 | | | | | | | | | .1 | 7.0 |
| SE | .2 | | | | | | | | | | | .2 | 2.1 |
| SSE | [illegible] | 1.2 | 1.4 | .8 | .1 | | | | | | | [illegible] | [illegible] |
| S | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | .6 | .1 | | | | | [illegible] | [illegible] |
| SSW | [illegible] | .3 | 1.1 | .9 | | .2 | | | | | | [illegible] | [illegible] |
| SW | [illegible] | .4 | .5 | .2 | | | | | | | | [illegible] | [illegible] |
| WSW | [illegible] | | .6 | .7 | .2 | | | | | | | [illegible] | [illegible] |
| W | [illegible] | .6 | .7 | .7 | .1 | | | | | | | [illegible] | [illegible] |
| WNW | .4 | .4 | .8 | .5 | .1 | | | | | | | [illegible] | [illegible] |
| NW | [illegible] | .5 | .5 | | | | | | | | | [illegible] | [illegible] |
| NNW | [illegible] | 1.5 | 2.5 | 2.4 | .1 | | | | | | | [illegible] | [illegible] |
| VARBL | | | | | | | | | | | | | |
| CALM | - | | | | | | | | | | | [illegible] | |
| | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

[illegible]AFETAC FORM [illegible] JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2224 STATION — PRINCE GEORGE A C OUT APT STATION NAME — 57-66 YEARS

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 | 0.9 | 2.8 | 4.3 | 2.2 | .6 | .5 | | | | | | 17.3 | 6.8 |
| NNE | 2.1 | .4 | .2 | .2 | .1 | | | | | | | 3.1 | 4.5 |
| NE | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 3.0 |
| ENE | .1 | | | | | | | | | | | .1 | 2.0 |
| E | .2 | | | | | | | | | | | .2 | 2.3 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | .2 | | | | | | | | | | | 1.9 | 2.2 |
| SSE | 2.1 | 2.4 | 2.8 | 1.2 | .1 | | | | | | | 8.3 | 6.9 |
| S | 7.7 | 3.4 | 6.7 | 11.3 | 3.5 | 1.1 | | | | | | 34.6 | 9.9 |
| SSW | 1.2 | .6 | .5 | .7 | | .2 | | | | | | 3.2 | 7.8 |
| SW | 1.3 | .2 | .4 | .2 | | | | | | | | 2.4 | 4.0 |
| WSW | .5 | .2 | .6 | .2 | | | | | | | | 1.7 | 6.3 |
| W | .4 | .7 | .6 | .7 | | | | | | | | 3.2 | 6.1 |
| WNW | .2 | .2 | .5 | .5 | | | | | | | | 2.4 | 5.9 |
| NW | .3 | .1 | .6 | | | | | | | | | 2.0 | 3.6 |
| NNW | .7 | .6 | 2.1 | 2.8 | .4 | | | | | | | 6.9 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 30.7 | 11.8 | 19.6 | 20.2 | 4.7 | 1.8 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 246

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PR ESSE IVISI
STAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 (STATION) PINEL GEORGE - G DUT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

ALL WEATHERS (CLASS) 0600-0900 (HOURS (L S T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.9 | 3.4 | 3.8 | 4.3 | .7 | .1 | | | | | | 20.2 | 6.9 |
| NNE | 1.4 | .4 | .1 | .2 | .2 | | | | | | | 2.4 | 5.7 |
| NE | 1.6 | | | | | | | | | | | 1.8 | 1.8 |
| ENE | | | | | | | | | | | | | |
| E | 1.1 | | | | | | | | | | | 1.1 | 2.0 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | 1.6 | .4 | .2 | | | | | | | | | 1.8 | 3.4 |
| SSE | 1.9 | 2.1 | 2.1 | .6 | .5 | .1 | | | | | | 7.7 | 7.7 |
| S | 9.6 | 3.9 | 8.3 | 10.5 | 2.7 | 1.3 | .1 | | | | | 36.6 | 9.4 |
| SSW | .7 | .4 | 1.2 | .7 | .2 | | | | | | | 4.1 | 6.7 |
| SW | 1.7 | .1 | .4 | | | | | | | | | 2.1 | 3.1 |
| WSW | .4 | .2 | .6 | .1 | | | | | | | | 1.3 | 4.5 |
| W | 1.2 | .7 | .2 | .2 | | .1 | | | | | | 2.8 | 4.5 |
| WNW | .3 | .4 | | | | | | | | | | .9 | 3.3 |
| NW | .6 | .4 | .5 | .1 | | | | | | | | 1.8 | 5.2 |
| NNW | 1.1 | .8 | 1.7 | 1.9 | .2 | .1 | | | | | | 6.0 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.1 | |
| | 32.1 | 13.1 | 19.0 | 18.7 | 5.2 | 2.6 | .1 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 866

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25206 STATION | PRINCE GEORGE A CUT APT STATION NAME | 57-66 YEARS | FEB MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.3 | 4.3 | 4.4 | 3.1 | 1.3 | .1 | | | | | | 20.2 | 7.0 |
| NNE | 1.4 | .1 | .2 | .7 | .1 | | | | | | | 2.6 | 7.3 |
| NE | 2.4 | .1 | | | | | | | | | | 2.5 | 2.1 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | 2.1 | .1 | | | | | | | | | | 2.2 | 2.0 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | 1.7 | .1 | .1 | | | | | | | | | 1.9 | 2.6 |
| SSE | 2.0 | 1.9 | 2.2 | 1.1 | .4 | .4 | | | | | | 8.5 | 7.4 |
| S | 9.4 | 3.4 | 8.3 | 13.4 | 4.6 | 1.5 | .5 | | | | | 36.1 | 11.4 |
| SSW | .8 | .4 | .9 | 1.3 | .6 | | | | | | | 3.8 | 10.2 |
| SW | .6 | .2 | .2 | .1 | .1 | | | | | | | 1.6 | 5.8 |
| WSW | .1 | .1 | .1 | .2 | | | | | | | | .6 | 8.2 |
| W | .4 | .2 | .1 | .7 | .4 | | | | | | | 2.0 | 10.9 |
| WNW | .4 | .2 | .1 | | .2 | .1 | .1 | .1 | | | | 1.3 | 13.6 |
| NW | .3 | | .2 | .1 | | | | | | | | 1.2 | 4.2 |
| NNW | .7 | .9 | 1.7 | 1.8 | .1 | | | | | | | 5.2 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 20.3 | 11.9 | 18.7 | 22.7 | 7.8 | 2.1 | .6 | .1 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25226 STATION | PRINCE GEORGE A C CUT APT STATION NAME | 57-66 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 | 1.0 | 5.0 | 4.6 | 2.6 | .6 | .1 | | | | | | 13.3 | 6.6 |
| NNE | 2.3 | .4 | .2 | .5 | .1 | | | | | | | 3.7 | 5.0 |
| NE | 4.1 | .2 | | .2 | .4 | | | | | | | 5.0 | 3.9 |
| ENE | 2.6 | .1 | | | | | | | | | | 2.4 | 2.2 |
| E | 3.2 | .1 | | | | | | | | | | 3.3 | 2.0 |
| ESE | .2 | | | | | | | | | | | .2 | 3.0 |
| SE | .3 | .6 | .4 | | | | | | | | | 2.2 | 3.5 |
| SSE | .7 | .6 | 2.2 | 1.9 | .2 | .6 | | | | | | 6.3 | 10.6 |
| S | 1.9 | 2.0 | 8.6 | 11.9 | 3.1 | 1.9 | .1 | | | | | 29.4 | 12.1 |
| SSW | .7 | .6 | 1.4 | 2.4 | .8 | | | | | | | 5.9 | 10.8 |
| SW | .2 | .5 | .8 | .6 | | .1 | | | | | | 2.2 | 8.6 |
| WSW | .2 | .4 | .5 | .2 | .1 | | | | | | | 1.4 | 8.1 |
| W | .1 | .1 | .8 | .8 | .4 | .1 | .4 | .1 | | | | 2.8 | 15.4 |
| WNW | | .1 | .7 | .7 | .5 | .2 | | | | | | 2.2 | 13.2 |
| NW | .4 | .5 | .2 | .9 | .1 | .2 | | | | | | 2.4 | 10.4 |
| NNW | .6 | 1.1 | 1.5 | 1.9 | | | | | | | | 5.1 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 23.3 | 12.2 | 22.3 | 24.7 | 6.2 | 3.3 | .5 | .1 | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25206 (STATION) PRINCE GEORGE A, B.C. (STATION NAME) 57-60 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 4. | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.1 | 7.8 | 3.0 | 2.6 | .5 | .6 | | | | | | 24.9 | 6.3 |
| NNE | 1.2 | .7 | .2 | .6 | .7 | .2 | | | | | | 4.7 | 9.1 |
| NE | 1.1 | .2 | .1 | .2 | | | | | | | | 1.7 | 4.9 |
| ENE | .1 | | | | | | | | | | | .1 | 2.2 |
| E | 1.4 | | | | | | | | | | | 1.4 | 2.1 |
| ESE | .2 | .2 | | | | | | | | | | .5 | 3.0 |
| SE | 1.4 | | | .1 | | | | | | | | 1.5 | 2.8 |
| SSE | 1.9 | .3 | 1.5 | .6 | .2 | .5 | | | | | | 5.6 | 3.3 |
| S | 2.1 | 4.4 | 10.5 | 8.2 | 2.2 | 1.5 | .1 | | | | | 29.1 | 10.6 |
| SSW | .4 | .4 | 1.3 | 1.1 | .1 | | | | | | | 3.2 | 9.4 |
| SW | .3 | .4 | .5 | .5 | .1 | | | | | | | 1.9 | 7.3 |
| WSW | .3 | .4 | .6 | .5 | | .1 | | | | | | 2.0 | 8.4 |
| W | .2 | .6 | 1.1 | 1.3 | .4 | | .2 | | | | | 4.8 | 10.1 |
| WNW | .1 | .4 | .7 | | .2 | | | | | | | 2.2 | 8.3 |
| NW | .2 | | 1.5 | .9 | | .1 | | | | | | 3.5 | 8.2 |
| NNW | 1.2 | 1.3 | 1.8 | 1.9 | | | | | | | | 6.5 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.3 | |
| | 24.9 | 17.3 | 24.8 | 18.9 | 4.7 | 3.1 | .4 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 846

AT[illegible] PROCESSING SYSTEM
STATION
AIR [illegible] ENVIRONMENT SERVICE

2

# SURFACE WINDS

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

252 STATION — [illegible] STATION NAME — 57-65 YEARS — FEB MONTH

ALL [illegible] CLASS — 2000-2000 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 | 6.5 | 8.3 | 6.7 | 3.2 | .2 | .1 | | | | | | 23.6 | 6.6 |
| NNE | .4 | .1 | .1 | .6 | .1 | .1 | | | | | | 1.4 | 11.2 |
| NE | 1.3 | .1 | .1 | | .1 | | | | | | | 1.6 | 3.4 |
| ENE | .2 | .1 | | .1 | | | | | | | | .5 | 5.8 |
| E | .4 | | | | | | | | | | | .4 | 1.7 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | .3 | .1 | | | | | | | | | | .4 | 2.0 |
| SSE | 2.4 | 1.3 | .4 | .5 | .2 | | | | | | | 4.7 | 5.2 |
| S | 10.[illegible] | 5.2 | 6.5 | 3.6 | 3.9 | 1.2 | .4 | | | | | 29.9 | 9.5 |
| SSW | 1.6 | .8 | 1.2 | .7 | .4 | | | | | | | 4.3 | 7.6 |
| SW | .6 | .5 | .7 | .4 | | | | | | | | 2.1 | 5.7 |
| WSW | .1 | .1 | .7 | .6 | .1 | | | | | | | 2.2 | 7.7 |
| W | .5 | .5 | .7 | .3 | .2 | | | | | | | 3.3 | 5.9 |
| WNW | .6 | .1 | .7 | .3 | .3 | | | | | | | 2.4 | 9.3 |
| NW | .2 | .1 | .4 | | .2 | | | | | | | 2.6 | 4.7 |
| NNW | 2.0 | 1.8 | 1.8 | 2.0 | .1 | | | | | | | 8.3 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.7 | |
| | 30.1 | 17.3 | 20.0 | 14.8 | 6.4 | 1.4 | .4 | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

722 [illegible] STATION | [illegible] STATION NAME | 57-60 YEARS | FEB MONTH

ALL CATEGORIES 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 | 0.4 | 3.3 | 6.6 | 4.4 | 1.1 | | | | | | | 21.7 | 7.5 |
| NNE | .4 | | .4 | .3 | .4 | | | | | | | 1.5 | 10.3 |
| NE | .6 | .1 | | | | | | | | | | .7 | 2.3 |
| ENE | | | | | | | | | | | | | |
| E | .2 | | | | | | | | | | | .2 | 1.0 |
| ESE | | | | | | | | | | | | | |
| SE | .2 | .5 | .1 | | | | | | | | | 1.4 | 3.3 |
| SSE | 1.4 | 1.9 | 1.1 | 1.1 | .1 | | | | | | | 5.6 | 5.7 |
| S | 7.9 | 5.3 | 7.2 | 7.2 | 5.0 | 1.1 | | | | | | 33.7 | 9.4 |
| SSW | .7 | .4 | .9 | .9 | .1 | .1 | | | | | | 3.4 | 8.6 |
| SW | 1.1 | .7 | .6 | .4 | | | | | | | | 2.7 | 5.6 |
| WSW | .3 | | .6 | .3 | | | | | | | | 1.9 | 8.6 |
| W | .7 | .4 | .8 | .8 | .2 | .1 | | | | | | 3.3 | 9.7 |
| WNW | .1 | .1 | .2 | .4 | .2 | | | | | | | 1.1 | 10.7 |
| NW | .5 | .3 | .4 | | .2 | | | | | | | 2.4 | 3.5 |
| NNW | 2.4 | 2.6 | 2.1 | 1.3 | | | | | | | | 8.4 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 24.3 | 15.5 | 21.0 | 18.3 | 7.3 | 1.3 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 846

2

# SURFACE WINDS

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

STATION [illegible] STATION NAME [illegible] YEARS 57-66 MONTH [illegible]

CLASS ALL [illegible]

CONDITION

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

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.1 | 3.1 | 1.[illegible] | 2.[illegible] | .5 | .[illegible] | | | | | | [illegible].9 | 7.[illegible] |
| NNE | 1.3 | .4 | .2 | | .2 | | | | | | | 2.2 | 4.[illegible] |
| NE | .4 | .1 | | | | | | | | | | 1.5 | 1.7 |
| ENE | .3 | | | | | | | | | | | .3 | 2.3 |
| E | .5 | | .1 | | | | | | | | | .6 | 3.[illegible] |
| ESE | .3 | | | .1 | | | | | | | | .4 | 5.0 |
| SE | .5 | .4 | .2 | .2 | | | | | | | | 1.5 | 5.4 |
| SSE | 1.9 | 2.4 | 1.5 | .6 | .3 | .1 | | | | | | 6.2 | 7.2 |
| S | 9.3 | 7.[illegible] | 6.6 | 5.4 | 1.5 | | | .1 | | | | 29.9 | 7.[illegible] |
| SSW | .8 | .4 | 1.5 | .6 | | | | | | | | 3.[illegible] | 7.[illegible] |
| SW | .9 | .5 | 1.2 | .5 | | | | | | | | 3.[illegible] | 6.[illegible] |
| WSW | .5 | .2 | .3 | .2 | | | | | | | | 1.4 | 5.7 |
| W | .8 | .3 | 1.3 | .2 | .1 | .1 | | | | | | 3.[illegible] | 6.6 |
| WNW | | .1 | .1 | .1 | .1 | | | | | | | .4 | 11.3 |
| NW | .2 | .4 | .4 | | | | | | | | | 1.7 | 4.3 |
| NNW | 1.[illegible] | .9 | 2.4 | 1.[illegible] | .3 | | | | | | | 6.1 | [illegible].7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.[illegible] | |
| | 28.[illegible] | 18.[illegible] | 22.8 | 15.4 | 3.1 | .4 | | .1 | | | | 100.[illegible] | 5.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]93

USAFETAC FORM JUL 64 0-8-5 /OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 57-66 MONTH _____

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

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.6 | 4.9 | 6.6 | 4.2 | .6 | | | | | | | 24.1 | 6.1 |
| NNE | .4 | .2 | | .2 | | | | | | | | 1.6 | 3.5 |
| NE | .3 | .3 | | | | | | | | | | 1.6 | 2.7 |
| ENE | .3 | | .1 | | | | | | | | | .5 | 4.2 |
| E | .1 | | | .1 | | | | | | | | .2 | 2.9 |
| ESE | | | .1 | .1 | | | | | | | | .2 | 11.2 |
| SE | .3 | .1 | | .2 | | | | | | | | 1.2 | 3.3 |
| SSE | 2.1 | 1.8 | 1.5 | .4 | .2 | | | | | | | 6.1 | 6.7 |
| S | 9.4 | 7.2 | 7.4 | 6.2 | 1.1 | .3 | .1 | | | | | 32.2 | 7.3 |
| SSW | 1.4 | .4 | 1.3 | .3 | | | | | | | | 3.4 | 5.9 |
| SW | .2 | .3 | 1.0 | | | | | | | | | 2.3 | 5.5 |
| WSW | .4 | .1 | .2 | .4 | | | | | | | | 1.2 | 7.6 |
| W | 1.2 | .3 | .3 | .1 | .2 | | | | | | | 2.7 | 5.3 |
| WNW | | .2 | .5 | .1 | | | | | | | | .9 | 7.9 |
| NW | .1 | .3 | .5 | | | | | | | | | 1.6 | 4.5 |
| NNW | .4 | 1.1 | 2.0 | 2.2 | .3 | .1 | | | | | | 7.2 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 31.2 | 17.3 | 21.6 | 14.3 | 2.8 | .5 | .1 | | | | | 100.2 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 936

USAFETAC FORM JUL 64 0-8-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AT PRESQUE ISLE
STATE/USA
SIR EXPERIMENTAL AC

# SURFACE WINDS

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

72[illegible] (STATION) [illegible] (STATION NAME) 57-66 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.2 | 4.3 | 6.6 | 4.9 | .7 | | | | | | | 23.3 | 7.2 |
| NNE | 1.4 | .4 | | .1 | .2 | | | | | | | 2.2 | 4.2 |
| NE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.4 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 3.5 |
| E | .2 | .2 | .1 | | | | | | | | | .5 | 3.1 |
| ESE | .3 | | | .1 | | | | | | | | .4 | 5.8 |
| SE | 1.3 | .1 | .2 | | .1 | | | | | | | 1.9 | 4.1 |
| SSE | 2.9 | 2.4 | 1.4 | .6 | .5 | .1 | | | | | | 7.7 | 6.6 |
| S | 7.7 | 7.3 | 6.6 | 6.5 | 1.6 | .4 | .1 | | | | | 34.4 | 7.6 |
| SSW | 1.2 | .6 | .9 | .4 | .1 | .1 | | | | | | 3.3 | 7.0 |
| SW | .8 | | | | | | | | | | | 1.0 | 2.3 |
| WSW | .2 | .1 | .4 | | | | | | | | | .8 | 6.0 |
| W | .9 | .3 | .5 | .5 | .2 | | | | | | | 2.4 | 7.7 |
| WNW | .4 | .2 | .4 | | | | | | | | | 1.1 | 5.3 |
| NW | .3 | .2 | .4 | .1 | | | | | | | | 1.3 | 5.4 |
| NNW | .7 | 1.2 | 1.9 | 1.3 | .1 | .2 | | | | | | 5.5 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 29.6 | 17.2 | 21.1 | 14.7 | 4.0 | .3 | .1 | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 936

2

# SURFACE WINDS

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

2521 STATION — PRATICA DI MARE STATION NAME — 57-60 YEARS — JUL MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.8 | 5.9 | 5.9 | 3.5 | 1.5 | .1 | | | | | | 21.9 | 7.8 |
| NNE | .2 | .6 | .2 | .8 | | .4 | | | | | | 4.2 | 6.1 |
| NE | 1.1 | .3 | .1 | .3 | | | | | | | | 4.3 | 3.7 |
| ENE | .3 | .2 | | .2 | | | | | | | | 1.2 | 5.1 |
| E | 2.3 | .2 | | | | | | | | | | 2.7 | 2.2 |
| ESE | .3 | .2 | | | | | | | | | | .6 | 2.7 |
| SE | 2.3 | .6 | .5 | | | | | | | | | 3.4 | 3.6 |
| SSE | .3 | 2.5 | 2.6 | 1.3 | .2 | .2 | | | | | | 9.3 | 7.8 |
| S | 2.9 | 2.3 | 1.7 | 11.1 | 2.7 | 1.1 | .2 | .1 | | | | 26.7 | 11.5 |
| SSW | .3 | .6 | 1.8 | 1.0 | .1 | | | | | | | 4.7 | 9.7 |
| SW | .2 | .3 | 1.0 | .2 | | | | | | | | 2.2 | 6.7 |
| WSW | | .1 | .1 | .4 | .1 | | | | | | | .8 | 12.3 |
| W | .7 | .3 | .6 | .6 | .2 | .1 | | | | | | 2.8 | 8.6 |
| WNW | | .1 | .3 | .6 | | | | | | | | 1.3 | 10.7 |
| NW | .2 | .3 | .2 | .1 | | | | | | | | 1.2 | 5.1 |
| NNW | .3 | 1.1 | 1.6 | 1.6 | | | | | | | | 5.2 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 23.8 | 18.7 | 22.8 | 22.9 | 6.8 | 1.7 | .2 | .1 | | | | 100.0 | 7.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2226 STATION | PRINCE GEORGE B C CUT APT STATION NAME | 57-66 YEARS | APR MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.5 | 2.9 | 5.2 | 3.1 | .7 | .1 | | | | | | 17.1 | 7.6 |
| NNE | 3.2 | 1.1 | 1.3 | 1.4 | .6 | .1 | | | | | | 8.0 | 8.0 |
| NE | 4.1 | .4 | .9 | .6 | .2 | | | | | | | 6.1 | 5.1 |
| ENE | 1.2 | .6 | .3 | .3 | | | | | | | | 3.2 | 4.7 |
| E | 2.9 | 1.0 | .1 | .1 | | | | | | | | 3.4 | 3.5 |
| ESE | 1.1 | | .2 | | | | | | | | | 1.3 | 3.3 |
| SE | 1.2 | .4 | .8 | | | | | | | | | 2.4 | 5.0 |
| SSE | .3 | 1.3 | 1.5 | 1.5 | .5 | .3 | .4 | | | | | 5.9 | 11.8 |
| S | 1.7 | 2.3 | 6.0 | 6.0 | 3.1 | 1.2 | .1 | .1 | | | | 21.1 | 11.7 |
| SSW | .5 | .9 | 1.3 | 2.3 | 1.0 | .3 | .1 | | | | | 7.0 | 12.4 |
| SW | 1.3 | 1.0 | 1.2 | .5 | .3 | | | | | | | 4.3 | 7.3 |
| WSW | | .3 | .8 | .9 | | | | | | | | 1.9 | 10.7 |
| W | .3 | .4 | 1.4 | .6 | .4 | .1 | .1 | | | | | 3.5 | 10.5 |
| WNW | .2 | .2 | .8 | .6 | .3 | | | | | | | 2.2 | 10.6 |
| NW | 1.1 | .3 | .8 | .4 | | .2 | | | | | | 2.9 | 7.9 |
| NNW | 1.2 | .8 | 1.6 | 1.6 | .4 | .1 | | | | | | 5.7 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 25.4 | 14.1 | 24.0 | 20.6 | 8.5 | 2.7 | .8 | .1 | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING SYSTEM
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25216 STATION — PRINCE GEORGE A C INT ARPT STATION NAME — 57-66 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 | 4.5 | 4.3 | 4.6 | 2.9 | 1.6 | .1 | | | | | | 18.0 | 6.2 |
| NNE | .4 | .8 | 1.7 | 1.6 | .4 | | | | | | | 5.0 | 9.2 |
| NE | 2.0 | .6 | 1.2 | .3 | .2 | .3 | | | | | | 5.3 | 7.6 |
| ENE | 1.0 | .4 | .3 | .5 | | .1 | | | | | | 2.4 | 6.9 |
| E | 3.3 | .2 | .2 | .1 | | | | | | | | 3.5 | 3.1 |
| ESE | .0 | .3 | .2 | | | | | | | | | 1.3 | 3.4 |
| SE | 1.2 | 1.1 | .4 | | | | | | | | | 3.0 | 3.6 |
| SSE | 1.0 | 1.3 | 2.6 | 1.0 | .5 | .3 | .2 | | | | | 7.5 | 9.2 |
| S | 2.6 | 3.5 | 6.0 | 6.2 | .9 | .6 | .1 | | | | | 20.0 | 9.0 |
| SSW | .2 | 1.3 | 1.1 | 1.7 | 1.4 | .2 | .1 | | | | | 6.0 | 11.8 |
| SW | 1.0 | .8 | 1.0 | .3 | .1 | | .1 | | | | | 3.2 | 7.2 |
| WSW | .4 | .8 | .6 | .5 | .1 | | | | | | | 2.7 | 8.2 |
| W | .0 | 1.0 | 1.7 | 1.7 | .3 | | | | | | | 5.5 | 9.4 |
| WNW | .1 | .4 | .1 | .2 | .5 | .3 | | | | | | 1.7 | 14.1 |
| NW | 1.2 | .6 | .9 | .4 | .2 | | | | | | | 3.3 | 7.2 |
| NNW | 1.3 | 1.2 | 2.5 | 1.5 | .1 | .2 | | | | | | 6.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 21.2 | 17.4 | 25.2 | 19.9 | 6.5 | 2.3 | .5 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

ATA [illegible] DIVISION
TAC/USAF
[illegible] EAT ER [illegible] AFB

# SURFACE WINDS

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

252 — STATION
[illegible] GEORGE S C CLT APT — STATION NAME
57-64 — YEARS
APR — MONTH
ALL WEATHER — CLASS
1800-2000 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 0.7 | 5.3 | 4.8 | 4.0 | 1.4 | .2 | | | | | | 22.4 | 7.6 |
| NNE | .7 | .4 | .6 | .3 | .4 | | | | | | | 3.7 | 6.9 |
| NE | 1.7 | 1.2 | 1.2 | .3 | .2 | | | | | | | 4.6 | 5.9 |
| ENE | .4 | .2 | .3 | .1 | | | | | | | | 1.1 | 5.2 |
| E | .1 | .4 | .4 | .4 | | | | | | | | 1.3 | 5.3 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.5 |
| SE | 1.0 | .1 | .3 | .1 | | | | | | | | 1.5 | 4.4 |
| SSE | 1.0 | 2.4 | .8 | .4 | .3 | | .1 | | | | | 5.0 | 6.3 |
| S | 0.0 | 4.4 | 4.8 | 3.8 | 1.4 | .5 | .1 | | | | | 21.6 | 7.9 |
| SSW | 1.1 | .9 | 1.1 | .9 | .1 | | | | | | | 4.0 | 7.4 |
| SW | 1.6 | 1.3 | 1.4 | .5 | .1 | .1 | | | | | | 4.3 | 7.1 |
| WSW | .2 | .9 | .4 | .2 | | | | | | | | 2.0 | 5.6 |
| W | 1.7 | 1.2 | .2 | .6 | | .1 | | | | | | 4.1 | 5.5 |
| WNW | .5 | .3 | .5 | .0 | .2 | .1 | | | | | | 2.0 | 8.5 |
| NW | 2.1 | .5 | .3 | .2 | .2 | | | | | | | 4.0 | 4.5 |
| NNW | 1.5 | 1.7 | 2.3 | 1.5 | | | | | | | | 7.4 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 3.2 | 21.0 | 19.8 | 14.2 | 4.3 | 1.1 | .2 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

2

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2226 STATION | PRINCE GEORGE A C OUT APT STATION NAME | 37-66 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 | 2.1 | 4.3 | 6.6 | 5.4 | .4 | .1 | | | | | | 22.6 | 7.6 |
| NNE | 1.1 | .3 | .5 | .4 | .1 | .3 | | | | | | 2.9 | 8.1 |
| NE | 1.4 | .1 | .1 | .1 | | | | | | | | 1.7 | 2.9 |
| ENE | .4 | | | | | | | | | | | .4 | 2.3 |
| E | .2 | .2 | .1 | | | | | | | | | .5 | 4.4 |
| ESE | .2 | .1 | | .1 | | | | | | | | .4 | 5.0 |
| SE | .4 | .2 | .2 | .1 | | | | | | | | 1.4 | 4.3 |
| SSE | 1.4 | 1.2 | 1.7 | .4 | .1 | .1 | | | | | | 4.9 | 6.9 |
| S | 6.1 | 7.3 | 4.3 | 3.6 | 1.6 | .6 | .1 | | | | | 25.7 | 7.0 |
| SSW | 1.2 | 1.2 | .8 | 1.2 | | .1 | | | | | | 4.7 | 7.1 |
| SW | 1.4 | 1.1 | .6 | .6 | .1 | .1 | | | | | | 4.5 | 6.1 |
| WSW | .4 | .3 | .6 | .3 | | | | | | | | 1.7 | 7.2 |
| W | 2.7 | 1.1 | .2 | .6 | .1 | .1 | | | | | | 4.8 | 5.4 |
| WNW | .4 | .2 | .4 | .3 | .1 | | | | | | | 1.5 | 7.9 |
| NW | 2.1 | .3 | .4 | | | | | | | | | 2.8 | 3.6 |
| NNW | 1.0 | 1.3 | 1.6 | 2.2 | .2 | | | | | | | 6.9 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.4 | |
| | 30.0 | 19.9 | 18.3 | 14.6 | 3.0 | 1.5 | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

AIR PRESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

232.6 STATION — PRINCE GEORGE A C INT APT STATION NAME — 57-66 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 | 5.0 | 2.2 | 7.9 | 2.7 | .2 | .3 | .1 | | | | | 18.4 | 7.6 |
| NNE | .4 | .1 | .2 | .2 | | | | | | | | 1.4 | 4.9 |
| NE | .5 | .1 | .1 | .2 | | .1 | | | | | | 1.3 | 6.3 |
| ENE | .4 | | | | | | | | | | | .4 | 2.0 |
| E | .1 | .1 | .1 | | | | | | | | | .3 | 4.3 |
| ESE | | | | | | | | | | | | | |
| SE | .0 | .3 | .2 | | .1 | | | | | | | 1.7 | 5.1 |
| SSE | 2.1 | 1.2 | .9 | .9 | .2 | .1 | | | | | | 5.4 | 6.8 |
| S | 14.2 | 7.1 | 6.2 | 1.9 | .2 | .1 | .1 | | | | | 29.9 | 5.1 |
| SSW | 2.2 | 1.2 | .8 | .4 | .3 | | | | | | | 5.0 | 6.0 |
| SW | 3.2 | 1.7 | .9 | .3 | | | | | | | | 6.1 | 4.4 |
| WSW | 1.0 | .6 | .4 | .2 | | | | | | | | 2.2 | 5.5 |
| W | 2.1 | .7 | 1.9 | .1 | | .1 | | | | | | 6.6 | 6.0 |
| WNW | .0 | .6 | .3 | .3 | | | | | | | | 1.6 | 6.3 |
| NW | 2.4 | .4 | .4 | .1 | .2 | | | | | | | 3.6 | 4.4 |
| NNW | 1.4 | 1.7 | 2.7 | 1.8 | .4 | | | | | | | 8.0 | 8.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 38.3 | 18.4 | 23.1 | 9.9 | 1.8 | .8 | .2 | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

252 STATION | [illegible] STATION NAME | 57-66 YEARS | APR MONTH

ALL [illegible] CLASS | 2300-0500 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 | 5.0 | 1.2 | 7.4 | 3.0 | .2 | .2 | .1 | | | | | 14.6 | 7.7 |
| NNE | 1.0 | | .2 | | | | | | | | | 1.2 | 3.0 |
| NE | 1.3 | .1 | | | | | | | | | | 1.4 | 2.2 |
| ENE | .1 | | | | | | | | | | | .1 | 2.0 |
| E | .3 | | | | | | | | | | | .3 | 7.3 |
| ESE | | | | .1 | | | | | | | | .1 | 13.0 |
| SE | 1.0 | .3 | .3 | .1 | | | | | | | | 2.6 | 4.0 |
| SSE | 3.1 | 1.7 | .7 | .4 | | | | | | | | 5.9 | 4.6 |
| S | 15.4 | 9.1 | 7.0 | 3.9 | .8 | .3 | | | | | | 36.6 | 5.8 |
| SSW | 1.0 | .7 | .4 | 1.0 | | | | | | | | 3.7 | 6.6 |
| SW | 1.0 | .0 | .8 | | | | | | | | | 2.9 | 4.3 |
| WSW | .4 | .0 | .4 | | .1 | | | | | | | 1.6 | 6.4 |
| W | 1.4 | 1.0 | .7 | .2 | .2 | | | | | | | 3.6 | 5.7 |
| WNW | .0 | .7 | .7 | .2 | .1 | | | | | | | 2.7 | 6.0 |
| NW | 2.0 | .2 | .3 | | | | | | | | | 2.4 | 2.9 |
| NNW | 1.1 | .9 | 2.8 | 2.0 | | | | | | | | 6.8 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 38.0 | 17.0 | 21.8 | 11.0 | 1.4 | .6 | .1 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF/USAFETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25210 STATION | PRINCE GEORGE B C CUT APT STATION NAME | 57-66 YEARS | APR MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 3.0 | 5.9 | 4.0 | .9 | .4 | | | | | | 18.0 | 8.4 |
| NNE | .4 | .3 | .4 | .2 | .1 | | .1 | | | | | 2.1 | 7.6 |
| NE | 2.4 | .1 | | .1 | | | | | | | | 2.7 | 2.5 |
| ENE | .1 | | | | | | | | | | | .7 | 1.7 |
| E | 1.2 | .2 | | | | | | | | | | 1.4 | 2.2 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 2.4 | .4 | .2 | | | | | | | | | 3.1 | 3.1 |
| SSE | 3.4 | 2.0 | 1.4 | 1.0 | .1 | | | | | | | 7.9 | 5.0 |
| S | 10.2 | 8.4 | 10.1 | 7.7 | 1.2 | | | | | | | 37.4 | 7.3 |
| SSW | .7 | .8 | 2.0 | 1.7 | .1 | .1 | | | | | | 5.3 | 9.2 |
| SW | 1.2 | .7 | .6 | | | | | | | | | 2.2 | 5.1 |
| WSW | .1 | .4 | .6 | .2 | .1 | | | | | | | 1.4 | 8.3 |
| W | .9 | .3 | .9 | .6 | .1 | .1 | | | | | | 2.9 | 7.9 |
| WNW | .2 | .1 | .4 | | | | | | | | | 1.0 | 6.2 |
| NW | .3 | .4 | .7 | .2 | | | | | | | | 1.7 | 6.4 |
| NNW | .4 | .6 | 2.6 | 1.6 | .1 | | | | | | | 5.2 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 28.9 | 18.1 | 25.8 | 17.2 | 2.8 | .6 | .1 | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

72[illegible] PRINCE GEORGE A C [illegible] APT | 57-06 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 | 3.4 | 2.9 | 3.6 | 2.[illegible] | .[illegible] | .1 | .1 | | | | | 13.[illegible] | 7.8 |
| NNE | 1.7 | .6 | 1.6 | 2.1 | .7 | .3 | | | | | | [illegible].9 | 9.9 |
| NE | 2.1 | .2 | .8 | .9 | .[illegible] | .1 | | | | | | 5.[illegible] | 8.7 |
| ENE | .3 | .2 | .3 | .1 | | | | | | | | 1.[illegible] | 5.9 |
| E | 2.1 | .1 | .2 | | | .1 | | | | | | 3.[illegible] | 3.6 |
| ESE | .6 | .1 | | | | | | | | | | .[illegible] | 2.7 |
| SE | 1.1 | .7 | .2 | .1 | | | | | | | | 2.1 | 4.3 |
| SSE | 1.[illegible] | .9 | 2.4 | .9 | .4 | .1 | | | | | | 5.[illegible] | [illegible].3 |
| S | 3.[illegible] | 2.0 | 6.7 | 10.3 | 2.7 | .6 | | | | | | 25.[illegible] | 11.[illegible] |
| SSW | .4 | .4 | 1.3 | 1.7 | .7 | .4 | | | | | | [illegible] | 11.8 |
| SW | 1.9 | 1.3 | 1.8 | 1.2 | .2 | .2 | .1 | | | | | [illegible].[illegible] | 8.3 |
| WSW | .2 | .7 | 1.0 | 1.3 | .6 | .1 | | | | | | 4.3 | 9.6 |
| W | 1.3 | 1.4 | 2.8 | 1.2 | .3 | .2 | .2 | | | | | 7.6 | 8.9 |
| WNW | .7 | .8 | 1.0 | .4 | .1 | .3 | | | | | | 3.1 | 9.2 |
| NW | 1.3 | .6 | .7 | .1 | | | | | | | | 2.7 | 4.6 |
| NNW | .3 | .7 | 1.9 | 1.2 | .1 | | | | | | | [illegible].7 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | [illegible].[illegible] | |
| | 23.[illegible] | 13.3 | 28.2 | 24.6 | 7.0 | 2.7 | .4 | | | | | 100.[illegible] | 8.8 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AIR FORCE SYSTEMS DIVISION
HEADQUARTERS
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2250 (STATION) — [illegible] AFB (STATION NAME) — 57-60 (YEARS) — APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 2.3 | 3.3 | 2.2 | 1.3 | .3 | | | | | | 12.7 | 5.5 |
| NNE | .4 | 1.1 | .7 | 1.4 | 1.2 | .2 | | | | | | 5.6 | 10.9 |
| NE | 1.1 | 1.3 | 1.9 | 1.3 | .3 | .1 | | | | | | 6.7 | 8.1 |
| ENE | .7 | .3 | .3 | | .2 | .3 | | | | | | 2.1 | 7.2 |
| E | 1.4 | .8 | .8 | .1 | | | | | | | | 3.4 | 4.5 |
| ESE | .6 | .8 | .4 | | | | | | | | | 2.0 | 6.3 |
| SE | 1.3 | .9 | .7 | .1 | | | | | | | | 2.7 | 5.3 |
| SSE | 1.1 | .7 | 1.3 | 1.6 | .1 | | | | | | | 4.8 | 8.5 |
| S | 2.- | 1.4 | 4.0 | 5.8 | 2.8 | 1.3 | .1 | | | | | 17.4 | 12.1 |
| SSW | .3 | .5 | 1.4 | 4.0 | 1.2 | .3 | .1 | | | | | 8.0 | 13.0 |
| SW | .6 | 1.1 | 2.3 | .8 | .2 | .2 | .1 | | | | | 5.8 | 9.0 |
| WSW | .4 | .7 | 1.8 | 1.2 | .4 | .3 | .1 | | | | | 5.0 | 11.1 |
| W | .1 | .4 | 1.7 | 2.3 | .6 | .2 | | | | | | 6.6 | 10.7 |
| WNW | .4 | .7 | .8 | 1.4 | .2 | .2 | .2 | | | | | 4.7 | 11.1 |
| NW | .3 | .4 | 2.0 | 1.2 | .2 | .1 | | | | | | 4.3 | 9.4 |
| NNW | 1.0 | 1.4 | 1.6 | 1.6 | .2 | | | | | | | 6.3 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 19.2 | 15.0 | 25.0 | 25.6 | 9.3 | 4.4 | .7 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

[illegible] | [illegible] | 57-60 | APR

STATION | STATION NO. | YEARS | MONTH

ALL WEATHER

CLASS

1400-1700

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 | 3.3 | 1.7 | 3.1 | 2.4 | .7 | .1 | | | | | | 11.3 | 8.3 |
| NNE | .6 | .4 | .9 | 1.6 | 1.1 | .7 | | | | | | 5.3 | 10.4 |
| NE | 1.3 | 1.0 | 1.4 | 2.3 | .9 | | | | | | | 6.9 | 9.2 |
| ENE | .4 | .4 | .5 | .2 | | | .1 | | | | | 1.6 | 7.3 |
| E | 2.1 | .7 | .7 | .1 | .1 | | | | | | | 3.7 | 4.3 |
| ESE | .2 | .6 | | | | | | | | | | 1.1 | 3.9 |
| SE | 1.2 | .7 | 1.2 | .3 | | | | | | | | 3.4 | 5.7 |
| SSE | .7 | 1.4 | 1.7 | 1.7 | .6 | .1 | | | | | | 6.1 | 9.5 |
| S | 1.9 | 1.7 | 4.0 | 3.1 | 1.6 | .2 | .1 | | | | | 12.4 | 10.0 |
| SSW | .5 | .8 | 1.8 | 2.1 | .4 | | | | | | | 5.7 | 9.7 |
| SW | 1.6 | .9 | 1.3 | 1.4 | .3 | | | | | | | 5.3 | 9.6 |
| WSW | .6 | .3 | 1.4 | 1.2 | .3 | .3 | | | | | | 3.7 | 11.3 |
| W | 1.3 | 1.7 | 2.6 | 2.3 | 1.7 | .2 | | | | | | 9.8 | 10.3 |
| WNW | 1.1 | .4 | 2.2 | 2.4 | .4 | .1 | | | | | | 6.3 | 10.1 |
| NW | 1.1 | 1.0 | 2.1 | 1.8 | | | | | | | | 5.9 | 8.1 |
| NNW | .3 | 1.1 | 2.6 | 1.3 | .3 | | | | | | | 5.8 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 19.8 | 14.8 | 29.6 | 23.9 | 8.4 | 1.8 | .2 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] MONTH

ALL [illegible] 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.- | 2.9 | 3.1 | 2.3 | .0 | | | | | | | 14.9 | 7.3 |
| NNE | 2.- | .9 | 1.3 | 1.1 | .1 | .1 | | | | | | 5.5 | 8.6 |
| NE | 2.0 | 1.0 | 2.2 | 1.4 | .2 | .1 | | | | | | 7.6 | 7.3 |
| ENE | .9 | | .E | .9 | .1 | | | | | | | 1.9 | 8.5 |
| E | .1 | .2 | .4 | | | | | | | | | 2.1 | 3.7 |
| ESE | .4 | .1 | | .1 | | | | | | | | .7 | 4.5 |
| SE | 1.3 | .9 | .1 | .1 | | | | | | | | 3.4 | 5.2 |
| SSE | .2 | 1.3 | 1.3 | .7 | .1 | .1 | | | | | | 4.8 | 7.0 |
| S | 1.0 | 4.2 | 2.4 | 2.0 | .7 | .2 | | | | | | 14.1 | 6.7 |
| SSW | .3 | 1.1 | 1.7 | .2 | .1 | | | | | | | 3.4 | 7.5 |
| SW | .0 | 1.2 | 1.1 | 1.1 | .2 | | | | | | | 5.2 | 6.9 |
| WSW | .2 | .4 | 1.C | .6 | .1 | | | | | | | 3.4 | 7.4 |
| W | 1.3 | 1.4 | 2.1 | 1.4 | .4 | .1 | | | | | | 9.0 | 7.0 |
| WNW | 1.- | 1.3 | .9 | .6 | .1 | .1 | | | | | | 4.7 | 8.- |
| NW | 2.4 | 1.7 | 1.2 | .7 | | | | | | | | 6.4 | 5.3 |
| NNW | 1.8 | 1.7 | 1.8 | 1.2 | | | | | | | | 6.5 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.7 | |
| | 30.0 | 19.9 | 25.6 | 14.7 | 3.3 | .8 | | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC [illegible] 8 5 (OLD [illegible] OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

32 STATION | [illegible] STATION NAME | 57-62 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 | 3.3 | 2.7 | 1.6 | 2.3 | .4 | .2 | | | | | | 10.5 | 7.6 |
| NNE | 1.0 | .1 | .6 | .6 | .2 | | | | | | | 2.6 | 5.3 |
| NE | .5 | .1 | .4 | .5 | | | | | | | | 1.5 | 6.1 |
| ENE | .4 | .3 | .2 | .3 | | | | | | | | 1.1 | 7.5 |
| E | 1.1 | | .1 | .1 | | | | | | | | 1.3 | 3.7 |
| ESE | .4 | | | .1 | | | | | | | | .5 | 3.8 |
| SE | 1.7 | .3 | .1 | .1 | | | | | | | | 2.2 | 3.5 |
| SSE | 1.4 | 1.9 | .1 | .6 | .1 | | | | | | | 4.4 | 5.4 |
| S | 11.4 | 6.1 | 3.8 | 2.0 | .6 | .1 | | | | | | 26.0 | 5.4 |
| SSW | 2.2 | 1.5 | 1.1 | .2 | .1 | | | | | | | 3.5 | 5.5 |
| SW | 1.6 | .7 | 1.3 | .4 | | | | | | | | 4.0 | 5.1 |
| WSW | 1.4 | .6 | 1.1 | .2 | .3 | | | | | | | 3.7 | 7.1 |
| W | 2.1 | 1.3 | 1.6 | .5 | .2 | | | | | | | 7.7 | 5.6 |
| WNW | 1.1 | .4 | .4 | .3 | | | | | | | | 2.3 | 6.5 |
| NW | .4 | .9 | .9 | | | | | | | | | 2.2 | 4.3 |
| NNW | 2.0 | 1.4 | 2.1 | 1.6 | .3 | | | | | | | 7.7 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.6 | |
| | 40.3 | 19.9 | 21.3 | 10.2 | 2.7 | .3 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AT PR[illegible]
STA./USN
AIR EAST [illegible]

# SURFACE WINDS

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

[illegible] | [illegible] GEORGE [illegible] AUT APT | 57-66 | AY
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 | 2.3 | 4.0 | .7 | 1.4 | .4 | | | | | | | 22.9 | 7.3 |
| NNE | .2 | .4 | .1 | .4 | | | | | | | | 1.2 | 6.6 |
| NE | .2 | | | | | | | | | | | .2 | 2.0 |
| ENE | | .1 | | | | | | | | | | .1 | 5.0 |
| E | .2 | | .2 | .1 | | | | | | | | 1.1 | 4.3 |
| ESE | | .2 | .1 | .1 | | | | | | | | .4 | 8.5 |
| SE | 2.4 | .4 | .2 | .1 | | | | | | | | 3.2 | 3.4 |
| SSE | .3 | .9 | .8 | .1 | | | | | | | | 4.2 | 4.2 |
| S | 14.2 | 7.7 | 3.1 | 1.3 | .1 | | | | | | | 26.9 | 4.2 |
| SSW | 2.1 | 1.2 | 2.3 | .6 | .1 | | | | | | | 7.3 | 5.7 |
| SW | 3.7 | 1.0 | 1.7 | .1 | | | | | | | | 7.1 | 4.3 |
| WSW | 1.1 | .5 | .8 | .2 | | | | | | | | 2.7 | 5.5 |
| W | 2.3 | 1.3 | 1.4 | .6 | | | | | | | | 5.6 | 5.7 |
| WNW | .3 | .4 | 1.1 | .2 | | | | | | | | 2.5 | 8.3 |
| NW | .4 | .2 | 1.1 | .1 | | | | | | | | 3.1 | 5.2 |
| NNW | 1.3 | .6 | 1.9 | .8 | | | | | | | | 4.8 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.1 | |
| | 40.4 | 19.8 | 22.5 | 8.7 | .6 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 938

DATA PROCESSING DIVISION
USAF/USN
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

52UC — STATION
BRIDGE GEORGE I C OUT APT — STATION NAME
57-60 — YEARS
AY — 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 | 5.1 | 4.4 | 6.7 | 1.9 | .2 | | | | | | | 18.3 | 6.7 |
| NNE | .3 | .4 | .1 | | .2 | | | | | | | 1.3 | 6.6 |
| NE | .0 | | | .1 | | | | | | | | .9 | 3.1 |
| ENE | .1 | | .1 | | | | | | | | | .2 | 5.5 |
| E | .0 | | | | | | | | | | | .6 | 1.9 |
| ESE | .3 | | | | | | | | | | | .3 | 2.0 |
| SE | 1.0 | .4 | .1 | .1 | | | | | | | | 2.5 | 3.0 |
| SSE | 3.2 | 1.2 | .3 | .2 | .1 | | | | | | | 5.7 | 3.3 |
| S | 18.0 | 8.0 | 4.0 | .8 | .1 | .2 | | | | | | 32.5 | 4.1 |
| SSW | 3.3 | 1.4 | 1.0 | .5 | | | | | | | | 6.2 | 4.6 |
| SW | 3.2 | .9 | 1.1 | | | | | | | | | 5.2 | 4.1 |
| WSW | .1 | .1 | .8 | .4 | | | | | | | | 1.4 | 8.9 |
| W | 1.7 | 1.6 | .9 | .3 | .1 | | | | | | | 4.8 | 5.9 |
| WNW | .3 | .2 | .2 | .1 | | | | | | | | .9 | 5.6 |
| NW | 1.1 | .6 | 1.2 | .4 | | | | | | | | 3.3 | 6.2 |
| NNW | 1.4 | .5 | 1.2 | .3 | .1 | | | | | | | 3.5 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 44.2 | 20.4 | 17.5 | 5.5 | .9 | .2 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AIR PROCESSING DIVISION
USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| STATION | STATION NAME | YEARS | MONTH |
|---|---|---|---|
| [illegible] | PRINCE GEORGE A C OUT APT | 57-66 | MAY |

CLASS: ALL CATG.

CONDITION:

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

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.4 | 3.3 | 6.9 | 2.3 | .8 | | | | | | | 17.7 | 7.3 |
| NNE | .6 | .1 | .5 | .9 | .1 | | | | | | | 1.8 | 8.0 |
| NE | 1.3 | .2 | .2 | .6 | .1 | | | | | | | 2.7 | 6.1 |
| ENE | .1 | .1 | | | | | | | | | | .2 | 2.5 |
| E | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 2.8 |
| ESE | .3 | | | | | | | | | | | .3 | 1.6 |
| SE | 2.4 | .9 | .3 | .1 | | | | | | | | 3.5 | 3.7 |
| SSE | 3.1 | 1.7 | 1.4 | .3 | .1 | | | | | | | 6.7 | 5.4 |
| S | 10.8 | 8.0 | 5.3 | 2.9 | .8 | | | | | | | 27.7 | 5.7 |
| SSW | 1.8 | 1.4 | 2.0 | 1.3 | | .1 | | | | | | 6.7 | 7.2 |
| SW | 2.1 | 1.0 | 1.4 | .3 | | | | | | | | 3.4 | 5.3 |
| WSW | .7 | 1.1 | .8 | .4 | | .1 | | | | | | 3.2 | 6.9 |
| W | 1.3 | 1.3 | 1.6 | .9 | | | | | | | | 4.9 | 6.7 |
| WNW | .5 | .7 | 1.3 | .4 | | | | | | | | 3.1 | 7.2 |
| NW | 1.3 | 1.1 | 1.0 | .1 | .2 | | | | | | | 3.9 | 5.6 |
| NNW | .9 | .5 | 2.2 | .8 | .1 | .1 | | | | | | 5.5 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 34.3 | 21.9 | 25.2 | 11.1 | 1.9 | .3 | | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS: 730

DATA PROCESSING DIVISION
STATUSA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

52[illegible] PRINCE GEORGE B C INT APT 57-66 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 | 2.0 | 2.0 | 3.7 | 2.5 | .1 | .1 | | | | | | 11.7 | 7.4 |
| NNE | 1.3 | .8 | 1.5 | 1.7 | .3 | | | | | | | 5.7 | 8.8 |
| NE | 2.0 | .4 | .9 | 1.4 | .4 | | | | | | | 5.7 | 7.3 |
| ENE | .8 | .1 | .3 | .3 | | | | | | | | 1.4 | 6.2 |
| E | .4 | .1 | .4 | .1 | | | | | | | | 1.4 | 5.2 |
| ESE | 1.1 | .3 | .2 | .2 | | | | | | | | 1.9 | 4.7 |
| SE | .6 | .5 | .5 | .8 | | | | | | | | 3.8 | 5.0 |
| SSE | .3 | .8 | 1.4 | .8 | .3 | | | | | | | 4.6 | 7.9 |
| S | 2.8 | 2.5 | 4.5 | 3.3 | .3 | .2 | | | | | | 13.4 | 8.4 |
| SSW | 1.2 | 1.9 | 3.1 | 1.1 | .4 | | | | | | | 7.7 | 7.9 |
| SW | 2.8 | 1.8 | 2.3 | 1.3 | .1 | | | | | | | 8.1 | 6.7 |
| WSW | 1.2 | 1.3 | 2.0 | 1.6 | .1 | | | | | | | 6.1 | 8.4 |
| W | 1.4 | 1.3 | 2.5 | 1.9 | .2 | | | | | | | 7.3 | 8.2 |
| WNW | 1.0 | .7 | 2.3 | .5 | .1 | | | | | | | 5.5 | 6.5 |
| NW | 2.3 | 1.4 | 2.2 | .1 | .2 | .2 | | | | | | 6.3 | 6.2 |
| NNW | 2.4 | 1.8 | 2.7 | .6 | | | | | | | | 7.3 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.9 | |
| | 28.2 | 18.0 | 30.6 | 18.6 | 2.7 | .9 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 [illegible] PREVIOUS EDITIC[illegible] F THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

72206 STATION | PRINCE GEORGE B C INT APT STATION NAME | 57-66 YEARS | MAY MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 1.5 | 4.0 | 1.8 | .5 | | | | | | | 10.3 | 7.8 |
| NNE | 1.4 | 1.2 | 1.0 | 2.2 | .4 | .1 | | | | | | 6.2 | 8.5 |
| NE | 1.5 | 1.0 | 2.2 | 2.6 | .9 | | | | | | | 7.6 | 9.1 |
| ENE | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 5.9 |
| E | 1.0 | .6 | .5 | | | | | | | | | 2.5 | 3.8 |
| ESE | .9 | .2 | .2 | .1 | | | | | | | | 1.4 | 4.6 |
| SE | 1.4 | .6 | .5 | .8 | .1 | | | | | | | 3.5 | 6.6 |
| SSE | .9 | 1.0 | 1.4 | 1.9 | .5 | | | | | | | 5.7 | 7.5 |
| S | 2.4 | 1.8 | 2.9 | 3.3 | .8 | .2 | | | | | | 11.3 | 8.8 |
| SSW | .6 | 1.6 | 2.3 | 2.3 | .2 | | | | | | | 6.5 | 9.2 |
| SW | 1.1 | 1.4 | 2.6 | 1.6 | .1 | | | | | | | 6.8 | 8.6 |
| WSW | .7 | 1.1 | 2.6 | 1.8 | .2 | .1 | | | | | | 6.5 | 9.2 |
| W | 1.3 | 1.3 | 2.6 | 3.2 | .8 | | .1 | | | | | 9.5 | 9.7 |
| WNW | 1.6 | .8 | 1.3 | 1.3 | .8 | .1 | | | | | | 5.2 | 9.6 |
| NW | .8 | 1.9 | 2.6 | 1.9 | .5 | | | | | | | 7.7 | 8.8 |
| NNW | 1.3 | 1.2 | 2.3 | 1.7 | .3 | .1 | | | | | | 6.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 19.7 | 17.2 | 29.2 | 26.1 | 5.9 | .6 | .1 | | | | | 100.0 | 8.5 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAETAC
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

352 STATION — PRINCE GEORGE, B C CUT APT STATION NAME — 57-66 YEARS — MAY MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.4 | 5.2 | 3.1 | .4 | .1 | | | | | | 14.2 | 5.3 |
| NNE | .4 | 1.0 | 1.6 | 2.0 | 1.0 | | | | | | | 6.5 | 10.3 |
| NE | 1.0 | 1.0 | .9 | 2.3 | .4 | | | | | | | 7.0 | 8.2 |
| ENE | .5 | .9 | .6 | .3 | | | | | | | | 2.4 | 6.6 |
| E | 1.4 | .5 | .9 | .5 | .2 | | | | | | | 3.5 | 6.6 |
| ESE | .3 | .2 | .4 | .3 | | | | | | | | 1.3 | 6.0 |
| SE | 1.1 | .6 | .5 | .4 | .1 | | | | | | | 2.8 | 6.2 |
| SSE | .6 | .4 | .8 | 1.4 | .4 | | | | | | | 3.8 | 9.6 |
| S | 1.7 | 1.7 | 2.9 | 2.5 | .5 | .1 | | | | | | 9.5 | 8.6 |
| SSW | 1.2 | .9 | 1.9 | 1.5 | .2 | | | | | | | 5.7 | 8.5 |
| SW | 1.7 | 1.4 | 1.8 | 1.5 | .2 | .2 | | | | | | 6.9 | 8.1 |
| WSW | .4 | .5 | .5 | 1.6 | .4 | | | | | | | 4.7 | 10.3 |
| W | 1.4 | 1.4 | 3.3 | 2.8 | .6 | .2 | | | | | | 9.8 | 9.7 |
| WNW | .3 | .6 | 2.3 | 2.3 | .3 | | | | | | | 6.0 | 9.2 |
| NW | 1.3 | 1.4 | 3.5 | 2.3 | .3 | | | | | | | 8.8 | 8.6 |
| NNW | 1.2 | 1.3 | 2.2 | 1.6 | | .1 | | | | | | 6.1 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 16.3 | 17.2 | 30.3 | 26.7 | 5.3 | .8 | | | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 930

2

AT[illegible] DIVISION
[illegible]
[illegible]

# SURFACE WINDS

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

722 (STATION) | [illegible] (STATION NAME) | 57-66 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 2.7 | 4.5 | 3.1 | .2 | | | | | | | 13.2 | 7.8 |
| NNE | 1.0 | 1.0 | 2.4 | 1.8 | .3 | .2 | | | | | | 7.3 | 8.6 |
| NE | 1.3 | 1.4 | 3.0 | 1.3 | .3 | .1 | | | | | | 7.8 | 8.3 |
| ENE | .2 | .4 | .5 | .2 | | | | | | | | 1.4 | 7.3 |
| E | 1.4 | .3 | .2 | | | | | | | | | 2.2 | 3.7 |
| ESE | .3 | .5 | .2 | .1 | | | | | | | | 1.4 | 4.8 |
| SE | 1.4 | .3 | .9 | .4 | .1 | | | | | | | 3.1 | 6.0 |
| SSE | .8 | 1.4 | 1.1 | .6 | .1 | | | | | | | 4.0 | 7.1 |
| S | 3.4 | 3.2 | 2.9 | 1.1 | .3 | | | | | | | 11.0 | 6.1 |
| SSW | .3 | .6 | 1.6 | .2 | | | | | | | | 3.8 | 6.2 |
| SW | 2.1 | 1.6 | 1.1 | 1.2 | .1 | .1 | | | | | | 6.1 | 7.1 |
| WSW | .2 | .5 | 1.7 | 1.1 | .2 | | | | | | | 4.3 | 8.8 |
| W | 3.1 | 1.3 | 2.4 | 1.7 | .2 | | | | | | | 8.6 | 7.1 |
| WNW | .7 | 1.0 | 1.8 | 1.4 | .5 | .1 | | | | | | 5.7 | 9.3 |
| NW | 3.4 | 2.7 | 2.6 | 1.4 | .2 | .1 | | | | | | 10.4 | 6.5 |
| NNW | 1.1 | 1.0 | 1.3 | 1.0 | | | | | | | | 5.2 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.9 | |
| | 20.. | 21.1 | 28.2 | 16.7 | 2.9 | .6 | | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/ MAC

2

# SURFACE WINDS

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

25203 STATION | PRAGUE GEORGE R C LNT APT STATION NAME | 57-60 YEARS | AY 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 | 4.2 | 4.1 | 7.6 | 2.6 | .5 | | | | | | | 19.4 | 7.1 |
| NNE | .8 | .2 | .8 | 1.3 | .2 | | | | | | | 2.5 | 8.7 |
| NE | .7 | .4 | .3 | .2 | | | | | | | | 1.0 | 3.9 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| E | | .2 | .1 | | | | | | | | | .3 | 6.3 |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | .1 | .6 | .4 | .2 | | | | | | | | 1.4 | 4.6 |
| SSE | .2 | .2 | .6 | .1 | | | | | | | | 1.1 | 4.8 |
| S | 4.1 | 4.5 | 2.3 | 1.1 | .2 | | | | | | | 12.2 | 4.7 |
| SSW | 2.4 | 1.2 | 1.5 | .3 | .1 | | | | | | | 5.5 | 5.4 |
| SW | 2.3 | 1.7 | .9 | | | | | | | | | 4.9 | 3.8 |
| WSW | 1.1 | .8 | 1.3 | .9 | .1 | .1 | | | | | | 4.2 | 7.9 |
| W | 4.3 | 1.5 | 2.6 | 1.7 | .4 | | | | | | | 10.5 | 6.5 |
| WNW | 1.3 | .3 | 1.7 | .4 | .2 | | | | | | | 4.0 | 7.3 |
| NW | 1.8 | 1.1 | 1.4 | .2 | | | | | | | | 4.5 | 4.3 |
| NNW | 1.8 | 1.7 | 2.4 | .8 | | | | | | | | 6.5 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.9 | |
| | 30.2 | 19.7 | 24.0 | 9.5 | 1.8 | .1 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

232.4 STATION — PRINCE GEORGE C A MUNI APT STATION NAME — 57-66 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 | 4.3 | 1.7 | 3.4 | 1.2 | .1 | | | | | | | 10.4 | 6.1 |
| NNE | .7 | .1 | .1 | | | | | | | | | 1.1 | 2.5 |
| NE | 1.3 | | | | | | | | | | | 1.4 | 1.7 |
| ENE | | | | | | | | | | | | | |
| E | .3 | .1 | | | | | | | | | | .7 | 2.5 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | 2.4 | .1 | .2 | | | | | | | | | 2.7 | 2.7 |
| SSE | 2.9 | 1.2 | 1.0 | | | | | | | | | 5.1 | 4.1 |
| S | 21.0 | 9.2 | 4.4 | .9 | | | | | | | | 35.1 | 3.9 |
| SSW | 3.2 | 1.0 | 1.2 | .7 | | | | | | | | 6.7 | 5.0 |
| SW | 4.3 | .7 | .6 | .3 | | | | | | | | 5.9 | 3.7 |
| WSW | .7 | .9 | 1.1 | .2 | | | | | | | | 3.1 | 6.1 |
| W | 2.8 | 1.2 | 2.6 | .6 | | | | | | | | 7.1 | 5.6 |
| WNW | .4 | .9 | .8 | .2 | | | | | | | | 2.4 | 6.4 |
| NW | 1.7 | .6 | .3 | .2 | | | | | | | | 3.0 | 4.4 |
| NNW | .7 | .3 | 1.1 | .4 | | | | | | | | 2.9 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.1 | |
| | 48.6 | 18.0 | 16.9 | 5.1 | | | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)

2

# SURFACE WINDS

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

252 0 — STATION
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
JAN — MONTH
ALL WEATHER — CLASS
0300-0500 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 2.0 | 3.4 | 1.4 | | | | | | | | 9.4 | 6.8 |
| NNE | .8 | .1 | .1 | | | | | | | | | 1.0 | 3.0 |
| NE | .1 | | | | | | | | | | | .1 | 1.8 |
| ENE | .3 | | | .1 | | | | | | | | .4 | 3.8 |
| E | .4 | | .1 | | | | | | | | | .5 | 3.4 |
| ESE | | | | | | | | | | | | | |
| SE | 2.0 | .3 | .1 | | | | | | | | | 2.4 | 2.7 |
| SSE | 4.3 | 2.1 | .6 | | | | | | | | | 7.6 | 3.6 |
| S | 23.0 | 10.3 | 5.0 | .8 | | | | | | | | 39.1 | 3.9 |
| SSW | 3.1 | 1.0 | .6 | .3 | .1 | | | | | | | 5.9 | 4.6 |
| SW | 3.3 | 1.1 | .6 | .1 | | | | | | | | 5.1 | 3.8 |
| WSW | 1.1 | .4 | .7 | .2 | | | | | | | | 2.3 | 5.5 |
| W | 1.9 | .8 | .3 | .4 | | | | | | | | 3.3 | 5.0 |
| WNW | .6 | .2 | .4 | .1 | | | | | | | | 1.3 | 6.3 |
| NW | .1 | .7 | .1 | | | | | | | | | 1.3 | 4.2 |
| NNW | 1.4 | .6 | .4 | 1.2 | | | | | | | | 3.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 65.4 | 21.0 | 12.6 | 4.8 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AIR PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

25225 — STATION
EVERETT SNOHOMISH CO APT — STATION NAME
57-66 — 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 | 3.1 | 2.1 | 3.4 | 2.1 | | | | | | | | 10.7 | 5.9 |
| NNE | .7 | .3 | .2 | .1 | | | | | | | | 1.3 | 4.2 |
| NE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.0 |
| ENE | .2 | | | | | | | | | | | .2 | 1.5 |
| E | 1.1 | .1 | | | | | | | | | | 1.2 | 2.5 |
| ESE | .2 | | | | | | | | | | | .2 | 1.2 |
| SE | 1.4 | .1 | .1 | | | | | | | | | 2.1 | 2.7 |
| SSE | 3.7 | 3.0 | 1.7 | .3 | | | | | | | | 8.7 | 4.8 |
| S | 12.1 | 8.0 | 11.1 | 3.1 | .1 | | | | | | | 34.9 | 5.9 |
| SSW | .7 | 2.3 | 2.6 | 1.1 | .3 | | | | | | | 6.9 | 7.4 |
| SW | .3 | 2.0 | .4 | .6 | | | | | | | | 3.3 | 4.7 |
| WSW | 1.4 | .3 | 2.2 | .1 | | | | | | | | 4.0 | 6.2 |
| W | 1.8 | 1.3 | .9 | 1.2 | .1 | | | | | | | 5.3 | 6.7 |
| WNW | .8 | .4 | 1.0 | .2 | | | | | | | | 2.4 | 6.3 |
| NW | .4 | 1.0 | .2 | | | | | | | | | 1.7 | 5.0 |
| NNW | .5 | 1.7 | 1.6 | .6 | .1 | | | | | | | 4.9 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 33.3 | 23.9 | 25.7 | 9.7 | .7 | | | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL 1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

[illegible] PRINCE GEORGE S C OUT APT — STATION NAME
57-66 — YEARS
JUL — MONTH
ALL WEATHER — CLASS
0900-1100 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.4 | 3.6 | 1.7 | | | | | | | | 11.0 | 6.5 |
| NNE | 1.2 | 1.7 | .7 | .3 | .2 | | | | | | | 4.1 | 5.1 |
| NE | .4 | .9 | .2 | | .1 | | | | | | | 1.6 | 3.9 |
| ENE | .1 | .2 | .1 | | | | | | | | | 1.4 | 3.7 |
| E | .6 | .4 | | | | | | | | | | 1.0 | 2.7 |
| ESE | .1 | .1 | | .1 | | | | | | | | .3 | 6.7 |
| SE | .2 | .0 | .3 | | | | | | | | | 2.1 | 3.3 |
| SSE | 1.2 | 1.2 | 1.9 | 1.2 | | | | | | | | 5.6 | 7.3 |
| S | 3.4 | 3.4 | 7.9 | 4.3 | .3 | | | | | | | 21.4 | 7.5 |
| SSW | 1.1 | 1.6 | 3.9 | 1.8 | .1 | | | | | | | 8.4 | 8.4 |
| SW | 2.1 | 2.3 | 2.1 | 1.7 | .2 | | | | | | | 8.4 | 6.9 |
| WSW | 1.3 | 1.6 | 2.3 | 1.1 | .4 | .1 | | | | | | 6.8 | 8.1 |
| W | 2.2 | 1.7 | 2.1 | 1.6 | .2 | | | | | | | 7.8 | 7.2 |
| WNW | .4 | .0 | 1.0 | 1.1 | | | | | | | | 3.5 | 9.1 |
| NW | 1.7 | 1.2 | 1.3 | .3 | | | | | | | | 4.6 | 5.3 |
| NNW | 1.3 | 1.6 | 2.9 | 1.3 | | | | | | | | 6.6 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.7 | |
| | 24.1 | 20.9 | 30.6 | 16.4 | 1.7 | .1 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

2 2 5 (STATION) PRINCE GEORGE A C CUT APT (STATION NAME) 57-66 (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 | 1.7 | 2.3 | 2.7 | 2.0 | .1 | | | | | | | 8.8 | 7.6 |
| NNE | 1.3 | .8 | 1.3 | .3 | .1 | | | | | | | 3.9 | 6.4 |
| NE | 1.0 | 1.1 | .7 | .3 | | | | | | | | 3.1 | 5.2 |
| ENE | .3 | .1 | .3 | .4 | | | | | | | | 1.2 | 5.6 |
| E | 1.7 | .3 | .9 | .1 | | | | | | | | 3.0 | 4.9 |
| ESE | .4 | .3 | .4 | .1 | | | | | | | | 1.3 | 5.6 |
| SE | 1.1 | .7 | 1.2 | .3 | .1 | | | | | | | 3.4 | 5.9 |
| SSE | 1.2 | .8 | 3.2 | 1.7 | .2 | | | | | | | 7.1 | 6.5 |
| S | 3.2 | 2.7 | 5.9 | 4.2 | .4 | | | | | | | 16.4 | 6.2 |
| SSW | .6 | 2.0 | 2.2 | 2.1 | .2 | .1 | | | | | | 7.2 | 6.7 |
| SW | .3 | 1.3 | 3.9 | 1.6 | .1 | | | | | | | 8.2 | 6.0 |
| WSW | 1.3 | 1.1 | 2.7 | 1.0 | .3 | | | | | | | 7.0 | 4.3 |
| W | 1.4 | 1.1 | 2.3 | 1.8 | .6 | .2 | | | | | | 7.4 | 9.4 |
| WNW | .8 | 1.2 | 3.0 | 1.4 | .4 | | | | | | | 6.7 | 9.2 |
| NW | 1.3 | 1.6 | 2.2 | 1.3 | | | | | | | | 6.4 | 7.6 |
| NNW | .7 | .9 | 2.7 | 2.1 | | | | | | | | 6.5 | 8.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .8 | |
| | 20.8 | 18.3 | 35.7 | 21.4 | 2.7 | .3 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

22 6 (STATION) PRINCE GEORGE A (STATION NAME) 57-64 (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 | 2.0 | 2.4 | 4.1 | 2.3 | .2 | | | | | | | 11.7 | 7.5 |
| NNE | 1.1 | 1.4 | 2.2 | .6 | .1 | .2 | | | | | | 5.7 | 7.8 |
| NE | 1.7 | .8 | 1.2 | .7 | | | | | | | | 4.3 | 6.3 |
| ENE | .5 | .2 | .6 | | | | | | | | | 1.3 | 4.9 |
| E | 1.0 | .7 | .2 | .1 | | | | | | | | 2.0 | 3.9 |
| ESE | .1 | | | | | | | | | | | .1 | 3.0 |
| SE | 1.3 | .9 | .4 | .3 | .1 | | | | | | | 3.7 | 4.9 |
| SSE | 1.1 | .8 | 2.4 | 2.1 | .1 | | | | | | | 6.6 | 5.6 |
| S | 1.7 | 3.1 | 6.2 | 4.4 | .9 | | | | | | | 16.2 | 8.9 |
| SSW | 1.1 | 1.2 | 2.4 | .6 | .1 | .2 | | | | | | 5.6 | 7.8 |
| SW | .4 | .6 | 2.7 | .6 | | .1 | | | | | | 5.3 | 7.8 |
| WSW | .5 | 1.1 | 2.1 | .8 | .3 | | | | | | | 4.9 | 8.5 |
| W | 1.9 | 1.1 | 2.3 | 2.2 | .6 | .4 | .1 | | | | | 8.2 | 10.3 |
| WNW | .4 | .9 | 2.1 | 2.2 | .6 | .1 | | | | | | 6.3 | 10.7 |
| NW | 2.1 | 1.2 | 2.8 | 1.4 | .4 | | | | | | | 8.2 | 8.2 |
| NNW | .4 | 2.2 | 3.0 | 1.3 | .2 | | | | | | | 8.0 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 20.4 | 18.6 | 34.9 | 20.2 | 3.8 | 1.1 | .1 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 900

[illegible] ARE OBSOLETE

2

[illegible] PROCESSING DIVISION
[illegible]/USA
[illegible] ENVIRONMENTAL SERVICE/MAC

# SURFACE WINDS

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

[illegible] STATION | [illegible] GEORGE A C [illegible] APT STATION NAME | 57-66 YEARS | [illegible] 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 | 4.4 | 3.1 | 4.3 | 2.6 | .4 | | | | | | | 14.8 | 6.9 |
| NNE | 1.3 | 1.4 | 1.2 | 1.2 | .1 | | | | | | | 5.2 | 7.3 |
| NE | 1.4 | 1.0 | 1.1 | .2 | | | | | | | | 4.3 | 5.7 |
| ENE | .7 | .1 | .0 | .1 | | | | | | | | 1.4 | 5.3 |
| E | 1.1 | .4 | .4 | | | | | | | | | 2.2 | 3.9 |
| ESE | .2 | | .2 | | | | | | | | | .4 | 5.3 |
| SE | 2.1 | .3 | .6 | .1 | | | | | | | | 3.6 | 4.5 |
| SSE | 1.0 | 1.4 | .9 | .4 | | | | | | | | 3.7 | 5.6 |
| S | 4.7 | 2.8 | 3.6 | 2.6 | .4 | .1 | | | | | | 15.8 | 6.9 |
| SSW | 1.1 | 1.4 | 1.4 | .4 | .2 | | | | | | | 4.7 | 6.9 |
| SW | 2.1 | .0 | 1.2 | .0 | | .1 | | | | | | 4.4 | 6.1 |
| WSW | .7 | .4 | 1.6 | .0 | .2 | | | | | | | 3.7 | 8.3 |
| W | 3.3 | 1.2 | 2.2 | 2.2 | .1 | | | | | | | 9.1 | 7.0 |
| WNW | 1.6 | 1.2 | 3.0 | 1.4 | .2 | | | | | | | 7.1 | 8.3 |
| NW | 2.3 | 2.1 | 2.7 | 1.0 | | | | | | | | 8.9 | 6.8 |
| NNW | 2.1 | 2.2 | 1.9 | .7 | .1 | | | | | | | 6.9 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 30.0 | 21.0 | 29.1 | 13.8 | 1.9 | .2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AIR [illegible] DIVISION
ETAC/USAF
AIR [illegible] SERVICE/MAC

# SURFACE WINDS

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

252.0 STATION | PRINCE GEORGE A S UNIT APT STATION NAME | 57-66 YEARS | JA 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 | 3.3 | 1.8 | 3.4 | 1.1 | | | | | | | | 11.3 | 5.6 |
| NNE | 1.0 | .4 | .6 | .1 | | | | | | | | 2.1 | 4.9 |
| NE | 1.0 | .1 | .1 | .1 | | | | | | | | 2.1 | 3.1 |
| ENE | .3 | .2 | | .1 | | | | | | | | .7 | 3.3 |
| E | .9 | .2 | | | | | | | | | | 1.1 | 2.4 |
| ESE | | | | | | | | | | | | | |
| SE | .7 | .1 | .2 | | | | | | | | | 1.2 | 3.5 |
| SSE | 2.2 | 1.4 | .9 | | | | | | | | | 4.6 | 4.2 |
| S | 13.2 | 5.4 | 3.9 | 1.1 | .2 | | | | | | | 23.9 | 4.9 |
| SSW | 2.3 | 1.7 | 1.3 | .3 | | | | | | | | 6.2 | 5.1 |
| SW | 2.1 | 1.4 | 1.2 | .1 | | | | | | | | 5.7 | 4.3 |
| WSW | 1.3 | 1.0 | 1.1 | .3 | .1 | | | | | | | 3.9 | 6.5 |
| W | 4.1 | 2.1 | 2.1 | .7 | | | | | | | | 9.0 | 5.1 |
| WNW | 1.3 | 1.0 | 2.8 | 1.1 | | | | | | | | 6.2 | 7.5 |
| NW | 3.0 | 1.4 | 1.4 | .3 | .1 | | | | | | | 6.3 | 5.1 |
| NNW | 1.1 | 1.3 | 2.3 | .2 | | | | | | | | 5.0 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.7 | |
| | 42.0 | 19.8 | 21.4 | 5.7 | .4 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

702 STATION | PRINCE GEORGE A, B.C. INT APT STATION NAME | 57-66 YEARS | JUL MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 2.8 | 3.4 | 1.3 | | | | | | | | 11.4 | 4.0 |
| NNE | 1.3 | | .2 | .1 | | | | | | | | 1.6 | 3.6 |
| NE | 1.3 | | | .1 | | | | | | | | 1.4 | 2.9 |
| ENE | .1 | | | | | | | | | | | .1 | 1.0 |
| E | .2 | | | | | | | | | | | .3 | 2.0 |
| ESE | .4 | | | | | | | | | | | .4 | 1.3 |
| SE | 1.4 | .5 | | | | | | | | | | 1.9 | 3.2 |
| SSE | 3.5 | 2.2 | .5 | .1 | | | | | | | | 6.3 | 3.8 |
| S | 19.7 | 9.4 | 4.4 | 1.4 | .1 | | | | | | | 34.9 | 4.1 |
| SSW | 3.3 | 1.7 | .4 | .2 | | | | | | | | 5.7 | 3.7 |
| SW | 4.3 | 1.3 | 1.1 | .1 | | | | | | | | 6.8 | 3.9 |
| WSW | .5 | .2 | .6 | .4 | | | | | | | | 1.9 | 7.1 |
| W | 1.0 | 1.4 | 1.2 | 1.0 | | | | | | | | 5.4 | 6.6 |
| WNW | .3 | .1 | .4 | .4 | | | | | | | | 1.3 | 7.9 |
| NW | 1.0 | | | | | | | | | | | 1.0 | 2.2 |
| NNW | .6 | .9 | 1.3 | .2 | | | | | | | | 3.3 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.9 | |
| | 44.7 | 20.4 | 13.9 | 5.4 | .1 | | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25266 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | 12 MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.2 | 2.4 | 2.6 | .2 | | | | | | | | 10.2 | 2.4 |
| NNE | .3 | .2 | | .1 | | | | | | | | .2 | 4.4 |
| NE | 1.0 | .1 | | | | | | | | | | 1.7 | 1.9 |
| ENE | .2 | | | | | | | | | | | .5 | 1.4 |
| E | .3 | .1 | | | | | | | | | | .4 | 2.3 |
| ESE | .4 | | | .1 | | | | | | | | .5 | 3.4 |
| SE | 2.4 | .3 | .1 | | | | | | | | | 2.8 | 2.6 |
| SSE | 3.2 | 2.2 | 1.0 | .1 | | | | | | | | 6.5 | 4.3 |
| S | 24.0 | 10.2 | 6.0 | 1.0 | | | | | | | | 41. | 4.1 |
| SSW | 3.4 | 1.3 | .6 | | | | | | | | | 5.4 | 3.5 |
| SW | 2.3 | 1.2 | .8 | | | | | | | | | 4.2 | 3.9 |
| WSW | .3 | .1 | .2 | .3 | | | | | | | | 1.2 | 5.6 |
| W | 1.2 | .5 | .3 | .2 | | | | | | | | 2.6 | 4.5 |
| WNW | .2 | .1 | .1 | .1 | | | | | | | | .5 | 6.2 |
| NW | 1.3 | .2 | .3 | | | | | | | | | 1.8 | 3.5 |
| NNW | .8 | .5 | .9 | .4 | | | | | | | | 2.6 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.2 | |
| | 44.2 | 19.5 | 12.9 | 3.2 | | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
TAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 23236 | PRINCE GEORGE B C CIT APT | 57-66 | 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 | 4.0 | 2.6 | 2.5 | 1.8 | .1 | | | | | | | 11.0 | 6.0 |
| NNE | 2.0 | .2 | | .1 | | | | | | | | 2.4 | 2.9 |
| NE | 1.4 | .2 | | | | | | | | | | 1.6 | 2.3 |
| ENE | .4 | | | | | | | | | | | .4 | 1.3 |
| E | 1.5 | | | | | | | | | | | 1.5 | 2.3 |
| ESE | .1 | | | | | | | | | | | .1 | 2.0 |
| SE | 3.4 | .2 | .2 | | | | | | | | | 3.7 | 2.6 |
| SSE | 4.3 | 2.4 | 1.7 | .4 | | | | | | | | 8.8 | 4.6 |
| S | 13.4 | 10.3 | 11.4 | 3.4 | .3 | | | | | | | 38.9 | 5.9 |
| SSW | 2.5 | 1.3 | 2.3 | .8 | | | | | | | | 6.8 | 6.2 |
| SW | 1.9 | 1.6 | 1.5 | .1 | .1 | | | | | | | 5.5 | 5.3 |
| WSW | .2 | .9 | .2 | .4 | .1 | | | | | | | 1.8 | 7.1 |
| W | 1.2 | .8 | .0 | .1 | | | | | | | | 3.0 | 4.9 |
| WNW | .4 | .9 | .1 | .1 | | | | | | | | 1.4 | 5.2 |
| NW | .0 | .0 | .3 | | | | | | | | | 1.0 | 4.6 |
| NNW | .4 | .2 | 1.1 | .3 | | | | | | | | 2.5 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 34.0 | 22.7 | 21.9 | 7.6 | .6 | | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAFETAC/USAF
MIM-HEAT FR SEAVILLE/TAC

2

# SURFACE WINDS

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

2202 STATION | PRINCE GEORGE A C CUT APT STATION NAME | 57-66 YEARS | JUL MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.0 | 4.2 | 3.1 | 1.7 | .3 | | | | | | | 13.2 | 6.4 |
| NNE | 1.0 | .5 | .8 | .4 | | | | | | | | 2.7 | 5.2 |
| NE | 2.3 | .2 | .1 | .3 | .1 | | | | | | | 2.9 | 4.3 |
| ENE | .4 | | | | | | | | | | | .4 | 2.3 |
| E | 1.4 | .1 | | | | | | | | | | 1.5 | 2.2 |
| ESE | .8 | .2 | | | | | | | | | | .9 | 2.9 |
| SE | 2.6 | .5 | .4 | | | | | | | | | 3.1 | 3.6 |
| SSE | 1.3 | 1.8 | 2.2 | .8 | | | | | | | | 5.1 | 6.8 |
| S | 3.1 | 3.9 | 8.4 | 6.5 | .3 | | | | | | | 22.2 | 7.5 |
| SSW | 1.7 | 1.1 | 3.3 | 1.4 | | | | | | | | 7.5 | 7.7 |
| SW | 3.2 | 2.9 | 2.9 | .8 | .1 | | | | | | | 9.9 | 5.8 |
| WSW | 1.3 | 1.1 | 1.6 | .2 | .1 | | | | | | | 4.3 | 6.5 |
| W | 2.4 | 1.9 | 2.8 | .6 | .1 | | | | | | | 7.8 | 6.2 |
| WNW | 1.6 | 1.4 | .9 | .4 | .2 | | | | | | | 4.1 | 6.5 |
| NW | 1.6 | 1.1 | 1.0 | .3 | | | | | | | | 3.5 | 5.8 |
| NNW | 1.0 | .9 | 1.0 | .5 | | | | | | | | 4.0 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.8 | |
| | 31.7 | 20.9 | 28.4 | 11.9 | 1.3 | | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
STAC/USF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 722 | PRINCE GEORGE B C DOT APT | 57-66 | 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 | 1.0 | 2.1 | 3.9 | 1.9 | .4 | .1 | | | | | | 10.2 | 5.4 |
| NNE | 1.8 | .6 | .9 | 1.1 | .2 | | | | | | | 4.5 | 7.0 |
| NE | 2.2 | 1.3 | .8 | .3 | | | | | | | | 4.8 | 4.7 |
| ENE | .4 | .2 | .2 | .1 | | | | | | | | 1.0 | 5.3 |
| E | 1.7 | .6 | .4 | | | | | | | | | 2.8 | 3.8 |
| ESE | .9 | .1 | .2 | | | | | | | | | 1.2 | 4.0 |
| SE | 1.5 | .9 | 1.2 | .1 | | | | | | | | 3.7 | 5.1 |
| SSE | 1.3 | .3 | 1.6 | .6 | | | | | | | | 4.1 | 6.9 |
| S | 2.4 | 3.4 | 5.3 | 4.7 | .1 | | | | | | | 15.9 | 8.2 |
| SSW | .1 | 1.2 | 2.9 | 1.9 | .3 | | | | | | | 7.4 | 8.9 |
| SW | 2.2 | 2.4 | 2.4 | 1.4 | | | | | | | | 8.6 | 6.6 |
| WSW | .8 | 1.2 | 2.9 | 1.3 | .2 | | | | | | | 6.3 | 8.4 |
| W | 1.1 | 1.2 | 3.8 | 2.7 | .3 | | | | | | | 9.7 | 8.5 |
| WNW | .8 | 1.3 | 2.2 | 1.2 | .1 | | | | | | | 5.5 | 8.1 |
| NW | 1.1 | 1.5 | 2.2 | .6 | .1 | .1 | | | | | | 5.6 | 7.2 |
| NNW | 1.1 | 1.5 | 2.8 | .9 | | | | | | | | 6.9 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.0 | |
| | 23.9 | 20.6 | 33.7 | 18.6 | 1.8 | .2 | | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USTAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252-6 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

ALL WEATHER CLASS | 1900-1700 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.8 | 5.3 | 2.5 | .2 | | | | | | | 13.2 | 7.5 |
| NNE | 1.2 | .3 | 1.1 | 1.3 | | | | | | | | 4.1 | 7.7 |
| NE | 1.2 | 1.2 | 1.0 | .8 | | | | | | | | 4.1 | 6.7 |
| ENE | .6 | .3 | .2 | .3 | .1 | | | | | | | 1.5 | 8.2 |
| E | 1.2 | 1.1 | .4 | .2 | | | | | | | | 3.2 | 4.9 |
| ESE | .4 | .2 | .1 | | | | | | | | | .8 | 3.7 |
| SE | 1.2 | 1.5 | .9 | .2 | | | | | | | | 4.2 | 4.5 |
| SSE | 1.4 | .4 | 1.6 | .5 | | | | | | | | 4.4 | 6.7 |
| S | 2.6 | 3.3 | 6.0 | 3.6 | .1 | .1 | | | | | | 15.6 | 8.1 |
| SSW | .6 | 1.4 | 2.2 | 1.5 | | | | | | | | 5.7 | 8.2 |
| SW | 1.2 | 1.4 | 2.2 | 1.2 | .2 | | | | | | | 6.1 | 7.5 |
| WSW | .3 | .6 | .9 | .9 | .3 | | | | | | | 3.0 | 9.5 |
| W | .6 | 1.9 | 4.2 | 1.7 | .3 | .1 | | | | | | 8.9 | 9.0 |
| WNW | .6 | 1.3 | 1.4 | 2.2 | .1 | .1 | | | | | | 5.7 | 9.3 |
| NW | 1.7 | 1.9 | 3.4 | 1.6 | | .1 | | | | | | 8.8 | 7.7 |
| NNW | 1.2 | 2.5 | 2.7 | 1.4 | .1 | | | | | | | 8.2 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 20.4 | 22.9 | 33.4 | 19.9 | 1.2 | .4 | | | | | | 100.0 | 7.5 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USA
2 AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

252.0 STATION | PRINCE GEORGE B C DUT APT STATION NAME | 57-65 YEARS | JUL MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.3 | 3.8 | 5.3 | .8 | .2 | .1 | | | | | | 14.0 | 6.1 |
| NNE | 1.2 | .9 | 1.0 | .2 | | | | | | | | 3.2 | 5.5 |
| NE | 1.7 | 1.3 | 1.2 | 1.0 | .1 | | | | | | | 5.3 | 6.5 |
| ENE | .8 | .1 | .5 | .1 | | | | | | | | 1.5 | 5.2 |
| E | 1.2 | .4 | .3 | | | | | | | | | 1.9 | 3.7 |
| ESE | .3 | .4 | | | | | | | | | | .7 | 3.9 |
| SE | 2.2 | 1.0 | .3 | .1 | | | | | | | | 3.5 | 3.9 |
| SSE | 1.1 | .8 | 1.1 | .4 | | | | | | | | 3.3 | 6.6 |
| S | 4.0 | 4.3 | 5.6 | 2.4 | .1 | | .1 | | | | | 17.1 | 6.6 |
| SSW | 1.2 | .8 | 1.0 | .2 | | | | | | | | 3.4 | 5.5 |
| SW | 1.9 | .5 | 1.2 | .4 | | | | | | | | 4.1 | 5.5 |
| WSW | 1.1 | .3 | .9 | .4 | | | | | | | | 2.7 | 6.4 |
| W | 3.3 | 2.6 | 1.8 | 2.6 | .1 | .1 | | | | | | 10.5 | 7.0 |
| WNW | .5 | .0 | 3.4 | .9 | .2 | .2 | | | | | | 5.9 | 9.1 |
| NW | 1.3 | 1.8 | 3.3 | .4 | .1 | | | | | | | 9.5 | 5.9 |
| NNW | 2.3 | 2.0 | 1.9 | .4 | .1 | | | | | | | 7.3 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.9 | |
| | 31.2 | 22.2 | 27.8 | 10.3 | 1.3 | .4 | .1 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

ATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2320 (STATION) PRINCE GEORGE B C DOT APT (STATION NAME) 57-66 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 3.1 | 2.7 | 1.4 | .1 | | | | | | | 12.4 | 5.7 |
| NNE | .3 | .1 | .1 | .1 | | | | | | | | .6 | 4.6 |
| NE | 1.0 | .4 | .2 | .2 | | | | | | | | 1.8 | 4.9 |
| ENE | .1 | .1 | | | | | | | | | | .2 | 4.3 |
| E | .3 | | .1 | | | | | | | | | .5 | 3.2 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 3.2 |
| SE | 1.1 | | .1 | | .1 | | | | | | | 1.3 | 3.3 |
| SSE | 1.2 | .9 | .1 | .5 | | | | | | | | 2.7 | 5.6 |
| S | 12.4 | 7.4 | 4.9 | 1.4 | | | | | | | | 26.7 | 4.7 |
| SSW | 1.0 | 1.1 | .5 | .3 | | | | | | | | 3.4 | 4.3 |
| SW | 2.2 | 1.5 | 1.2 | .2 | | | | | | | | 5.7 | 4.5 |
| WSW | 1.3 | .8 | 1.0 | .2 | | | | | | | | 3.2 | 5.1 |
| W | 4.9 | 2.1 | 2.3 | 1.2 | | | | | | | | 11.1 | 5.4 |
| WNW | 1.0 | .3 | 1.2 | 1.3 | .1 | | | | | | | 4.9 | 7.1 |
| NW | 3.4 | 1.5 | .6 | .3 | | | | | | | | 5.9 | 4.1 |
| NNW | 1.3 | .4 | 1.1 | .1 | | | | | | | | 2.9 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.1 | |
| | 34.8 | 20.8 | 16.1 | 7.3 | .4 | | | | | | | 100.0 | 4.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

42203 STATION | PRINCE GEORGE A, B.C. INT APT STATION NAME | 57-63 YEARS | [illegible] 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 | 4.1 | 2.3 | 2.8 | .8 | .2 | | | | | | | 10.2 | 5.4 |
| NNE | 1.0 | .1 | .3 | | | | | | | | | 1.4 | 3.5 |
| NE | 1.1 | .1 | .1 | .1 | | | | | | | | 2.4 | 2.9 |
| ENE | .2 | | | | | | | | | | | .3 | 1.7 |
| E | .4 | | .1 | | | | | | | | | .5 | 3.0 |
| ESE | .2 | .2 | | | | | | | | | | .4 | 3.0 |
| SE | 1.2 | .9 | .1 | | | | | | | | | 2.2 | 3.6 |
| SSE | 4.9 | 2.3 | 1.1 | .1 | | | | | | | | 8.1 | 3.9 |
| S | 20.9 | 11.1 | 6.0 | 2.5 | | | | | | | | 40.4 | 4.5 |
| SSW | 1.8 | .9 | .5 | .4 | | | | | | | | 3.3 | 4.2 |
| SW | 1.9 | .5 | .6 | .1 | | .1 | | | | | | 3.3 | 4.0 |
| WSW | .6 | .6 | .4 | .1 | | | | | | | | 1.8 | 3.3 |
| W | 1.7 | .6 | 1.2 | .4 | | | | | | | | 4.0 | 5.0 |
| WNW | 1.0 | .1 | .5 | .6 | | | | | | | | 2.3 | 6.7 |
| NW | 2.4 | .4 | .1 | .1 | .1 | | | | | | | 3.1 | 3.7 |
| NNW | 1.3 | .2 | .5 | .6 | | | | | | | | 2.7 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.3 | |
| | 60.2 | 20.1 | 15.1 | 5.9 | .3 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

232 STATION | PRINCE GEORGE A C OUT APT STATION NAME | 57-66 YEARS | AUG MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.1 | 1.0 | 1.8 | .1 | | | | | | | | 7.3 | 5.1 |
| NNE | .2 | .2 | .1 | .1 | | | | | | | | 1.2 | 4.2 |
| NE | 1.3 | | .1 | | | | | | | | | 1.4 | 2.2 |
| ENE | .3 | | .1 | | | | | | | | | .4 | 4.0 |
| E | 1.2 | | | | | | | | | | | 1.2 | 1.6 |
| ESE | .1 | | | | | | | | | | | .1 | 2.5 |
| SE | 1.2 | .1 | | | | | | | | | | 1.2 | 2.3 |
| SSE | 3.3 | 2.5 | .6 | | | | | | | | | 6.7 | 3.9 |
| S | 23.8 | 10.6 | 7.2 | 2.3 | .1 | | | | | | | 44.0 | 4.4 |
| SSW | 3.7 | 1.4 | .5 | .2 | | | | | | | | 5.8 | 3.8 |
| SW | 1.8 | .6 | .4 | | | | | | | | | 2.7 | 3.4 |
| WSW | .4 | .2 | .3 | | | | | | | | | 1.0 | 3.0 |
| W | 1.7 | | .8 | .2 | | | | | | | | 2.7 | 5.0 |
| WNW | .2 | .1 | .6 | .5 | | | | | | | | 1.8 | 7.3 |
| NW | 1.4 | .2 | | | | | | | | | | 1.6 | 2.4 |
| NNW | .7 | .3 | .2 | .1 | | | | | | | | 1.5 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.2 | |
| | 48.9 | 18.6 | 12.9 | 4.2 | .1 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 952

2

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

252[illegible] (STATION) GREECE GEORGE A. AFB (STATION NAME) 57-66 (YEARS) A U (MONTH)

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

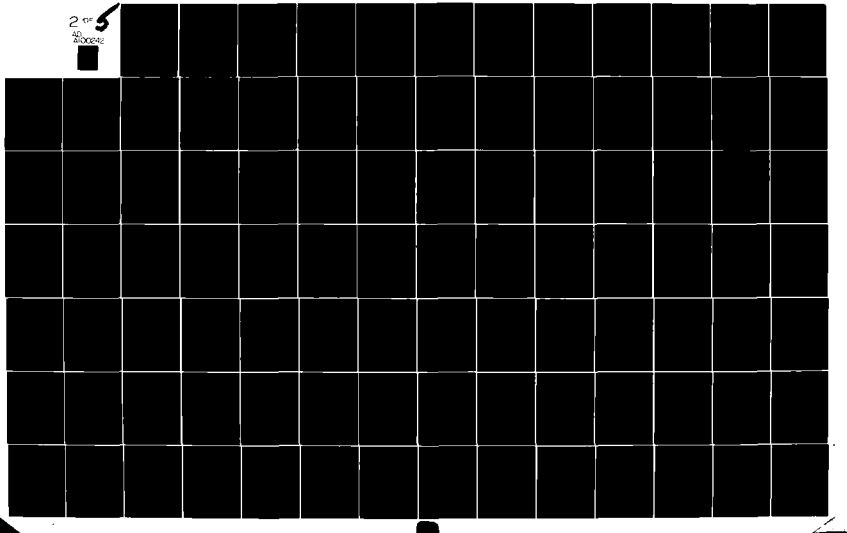
(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 2.1 | 2.6 | .6 | .1 | | | | | | | 8.3 | 5.5 |
| NNE | .3 | .1 | | | | | | | | | | .5 | 2.3 |
| NE | 1.[illegible] | | | | | | | | | | | 1.[illegible] | 2.1 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | .2 | | | | | | | | | | | .2 | 1.9 |
| ESE | .3 | .1 | | | | | | | | | | .5 | 2.3 |
| SE | 7.1 | .2 | .2 | | | | | | | | | 1.1 | 2.7 |
| SSE | 1.2 | 2.8 | 1.1 | .4 | | | | | | | | 11.5 | 4.6 |
| S | 17.2 | 10.0 | 12.6 | 4.4 | | | | | | | | 44.2 | 5.7 |
| SSW | 1.2 | .8 | .8 | 1.4 | .3 | | | | | | | 4.4 | 8.4 |
| SW | .8 | .9 | .9 | | | | | | | | | 3.5 | 4.5 |
| WSW | .3 | .3 | .4 | .2 | | | | | | | | 1.5 | 6.4 |
| W | .8 | .5 | 1.1 | .4 | | | | | | | | 3.7 | 4.5 |
| WNW | .2 | | .9 | .1 | | | | | | | | 1.2 | 7.5 |
| NW | .3 | .5 | .4 | | | | | | | | | 2.1 | 4.0 |
| NNW | .2 | .3 | .5 | | | | | | | | | 1.8 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.[illegible] | |
| | 4.3 | 19.2 | 21.4 | 7.6 | .4 | | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 8/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(U)
NOV 71

UNCLASSIFIED USAFETAC/DS-81/037 SBIE-AD-E850 064 NL



DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 952.6 | PRINCE GEORGE P C CUT APT | 57-66 | AUG |
|---|---|---|---|
| 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 | 4.7 | 2.8 | 2.8 | .8 | .3 | | | | | | | 11.4 | 5.6 |
| NNE | .9 | .6 | .1 | | | | | | | | | 1.6 | 4.1 |
| NE | 2.2 | .5 | .3 | .1 | | | | | | | | 3.1 | 3.7 |
| ENE | .2 | | | | | | | | | | | .2 | 2.0 |
| E | 1.2 | | | | | | | | | | | 1.2 | 2.6 |
| ESE | .5 | .2 | | | | | | | | | | .9 | 2.9 |
| SE | 2.4 | .9 | .3 | | | | | | | | | 3.5 | 3.4 |
| SSE | 2.2 | 1.9 | 2.3 | .9 | | | | | | | | 7.2 | 6.4 |
| S | 4.3 | 3.5 | 11.4 | 7.8 | .3 | | | | | | | 27.6 | 8.3 |
| SSW | 1.8 | 2.6 | 3.4 | 1.6 | .1 | | | | | | | 9.0 | 7.6 |
| SW | 2.2 | 2.8 | 2.4 | .4 | .1 | | | | | | | 7.7 | 5.8 |
| WSW | 1.6 | 1.1 | 1.0 | .5 | .2 | | | | | | | 4.4 | 6.4 |
| W | 2.4 | 1.5 | 2.0 | .6 | | | | | | | | 6.6 | 6.1 |
| WNW | .6 | .6 | .9 | .5 | .1 | .1 | | | | | | 2.9 | 8.0 |
| NW | 2.2 | .9 | .9 | .1 | .1 | | | | | | | 4.0 | 4.9 |
| NNW | 1.2 | 1.3 | 1.3 | .1 | | | | | | | | 3.9 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.7 | |
| | 30.2 | 20.8 | 29.0 | 13.5 | 1.3 | .1 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
2 USAFETAC/USAF
[illegible] EAT BE SERVICE/MAC

# SURFACE WINDS

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

25235 STATION | PRINCE GEORGE A C BCT APT STATION NAME | 57-66 YEARS | APR MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 2.0 | 5.7 | 1.3 | .4 | | | | | | | 12.7 | 7.1 |
| NNE | 1.0 | 1.0 | 1.3 | .4 | | | | | | | | 3.7 | 6.2 |
| NE | 1.7 | .3 | 1.1 | .4 | | | | | | | | 3.5 | 5.9 |
| ENE | .4 | | | .2 | | | | | | | | .6 | 6.0 |
| E | .5 | .1 | | | | | | | | | | 1.7 | 2.8 |
| ESE | .0 | .2 | .1 | | | | | | | | | 1.0 | 3.6 |
| SE | .7 | .5 | .8 | .1 | | | | | | | | 2.3 | 5.4 |
| SSE | 1.2 | .4 | 2.7 | .6 | | | | | | | | 4.9 | 7.4 |
| S | 3.3 | 4.4 | 8.0 | 5.9 | .1 | | | | | | | 21.7 | 8.2 |
| SSW | .9 | 1.7 | 3.1 | 2.8 | .1 | | | | | | | 8.6 | 8.6 |
| SW | 2.3 | 1.0 | 2.7 | 1.0 | | | | | | | | 6.7 | 6.7 |
| WSW | 1.0 | 1.0 | 2.0 | 1.3 | | | | | | | | 5.3 | 8.2 |
| W | 1.1 | 2.0 | 1.9 | 1.5 | .1 | | | | | | | 6.7 | 7.6 |
| WNW | 1.4 | 1.3 | 2.3 | .8 | .1 | .1 | | | | | | 5.9 | 7.4 |
| NW | 1.0 | 1.5 | 2.4 | .4 | .1 | | | | | | | 6.2 | 6.3 |
| NNW | 1.2 | 1.4 | 2.9 | .3 | .1 | | | | | | | 5.9 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.4 | |
| | 23.4 | 18.9 | 36.9 | 17.3 | 1.1 | .1 | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252.6 STATION | PRINCE GEORGE B C QNT APT STATION NAME | 57-66 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 | 3.7 | 4.6 | 6.2 | 1.7 | .1 | | | | | | | 16.3 | 6.7 |
| NNE | 1.4 | .9 | 1.2 | .5 | .1 | | | | | | | 4.0 | 6.7 |
| NE | 1.2 | 1.4 | 1.0 | 1.2 | | | | | | | | 5.1 | 6.8 |
| ENE | .2 | .3 | .3 | .2 | | | | | | | | 1.1 | 7.4 |
| E | 1.3 | .9 | .2 | | | | | | | | | 2.4 | 3.6 |
| ESE | .3 | .1 | .4 | | | | | | | | | 1.1 | 4.8 |
| SE | 1.2 | .4 | .3 | .1 | | | | | | | | 2.0 | 4.8 |
| SSE | .9 | 1.4 | 1.3 | | .1 | | | | | | | 3.7 | 6.1 |
| S | 3.2 | 3.4 | 8.4 | 4.2 | | | | | | | | 19.6 | 7.7 |
| SSW | 1.2 | 1.7 | 2.4 | 1.3 | .1 | | | | | | | 7.0 | 7.4 |
| SW | 1.0 | 1.7 | 1.4 | .4 | | | | | | | | 5.4 | 5.7 |
| WSW | .5 | 1.2 | 1.4 | .3 | | .1 | | | | | | 4.2 | 7.8 |
| W | 1.2 | 1.3 | 2.3 | 1.1 | .3 | | | | | | | 6.5 | 7.5 |
| WNW | .6 | .6 | 2.2 | 1.7 | .4 | .1 | | | | | | 5.7 | 10.1 |
| NW | 1.3 | 1.3 | 3.1 | .8 | | | | | | | | 6.5 | 7.1 |
| NNW | 1.4 | 2.0 | 3.1 | 1.1 | .2 | | | | | | | 7.8 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 23.1 | 23.3 | 35.2 | 15.1 | 1.4 | .2 | | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAFETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 23206 | PRINCE GEORGE B C DOT APT | 57-66 | AUG |
|---|---|---|---|
| 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 | 1.2 | 5.6 | 3.0 | .7 | .2 | .1 | | | | | | 17.5 | 5.0 |
| NNE | 1.2 | .4 | .6 | .2 | | | | | | | | 2.5 | 5.3 |
| NE | 2.2 | .6 | .5 | .3 | | | | | | | | 3.7 | 4.5 |
| ENE | .4 | | .1 | | | | | | | | | .5 | 3.2 |
| E | 1.3 | .3 | .1 | | | | | | | | | 1.7 | 3.1 |
| ESE | .2 | .1 | | | | | | | | | | .3 | 3.7 |
| SE | 1.3 | .3 | .1 | | | | | | | | | 1.9 | 3.2 |
| SSE | 2.2 | .4 | .5 | .3 | | | | | | | | 3.4 | 4.4 |
| S | 7.1 | 5.7 | 5.1 | 1.6 | .1 | | | | | | | 20.2 | 5.5 |
| SSW | 1.2 | 1.3 | 1.4 | .6 | | | | | | | | 4.3 | 6.8 |
| SW | 2.9 | 1.3 | .9 | .1 | | | | | | | | 5.2 | 3.9 |
| WSW | 1.0 | .5 | .6 | .1 | | .1 | | | | | | 3.0 | 5.3 |
| W | 4.2 | 1.5 | 1.6 | .4 | | | | | | | | 7.7 | 4.7 |
| WNW | 2.2 | 1.1 | 1.9 | .3 | .2 | | | | | | | 5.6 | 6.1 |
| NW | 2.9 | 1.4 | 1.6 | .3 | | .1 | | | | | | 6.3 | 5.3 |
| NNW | 2.3 | 2.3 | 1.5 | .3 | .1 | | | | | | | 6.5 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 6.3 | 23.0 | 19.7 | 5.7 | .6 | .3 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF/USA
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

252[illegible] PRINCE GEORGE A C OUT APT 57-66 A.C.
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 | 4.6 | 2.7 | 3.3 | .5 | .2 | | | | | | | 11.2 | 5.4 |
| NNE | 1.0 | .1 | .1 | .1 | | | | | | | | 1.3 | 4.3 |
| NE | 1.5 | | .1 | | | | | | | | | 1.6 | 2.3 |
| ENE | .3 | .1 | .1 | | | | | | | | | .5 | 3.6 |
| E | .2 | .1 | .1 | | | | | | | | | .4 | 4.5 |
| ESE | .4 | .1 | | | | | | | | | | .5 | 2.8 |
| SE | 1.2 | .3 | | | | | | | | | | 1.5 | 2.9 |
| SSE | 1.9 | 1.8 | .9 | .2 | | | | | | | | 4.8 | 4.7 |
| S | 17.7 | 6.9 | 5.6 | 1.5 | .3 | | | | | | | 32.0 | 4.5 |
| SSW | 2.6 | .6 | 1.1 | .8 | .1 | | | | | | | 5.4 | 5.8 |
| SW | 2.4 | .9 | .3 | | | | | | | | | 3.5 | 3.3 |
| WSW | .6 | .5 | .2 | .2 | | | | | | | | 1.7 | 5.3 |
| W | 3.5 | .9 | .9 | .2 | .1 | | | | | | | 5.6 | 4.1 |
| WNW | .0 | .4 | .9 | .5 | .1 | | | | | | | 2.9 | 7.5 |
| NW | 2.8 | .8 | .8 | .1 | | .1 | | | | | | 4.5 | 4.5 |
| NNW | 2.1 | .9 | 1.2 | .2 | .1 | | | | | | | 4.4 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.0 | |
| | 43.4 | 17.4 | 15.5 | 4.6 | 1.0 | .1 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 2202 | PRINCE GEORGE B C DOT APT | 57-66 | 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 | 4.2 | 2.6 | 2.8 | 2.1 | .3 | | | | | | | 12.0 | 6.5 |
| NNE | 1.3 | .7 | | | .4 | .1 | | | | | | 2.1 | 6.5 |
| NE | 1.3 | .1 | .1 | | | | | | | | | 1.2 | 2.3 |
| ENE | .2 | | | | | | | | | | | .2 | 1.5 |
| E | .4 | | | | | | | | | | | .4 | 2.5 |
| ESE | .6 | | | | | | | | | | | .6 | 1.8 |
| SE | 2.4 | | | | | | | | | | | 2.3 | 1.9 |
| SSE | 2.4 | 2.0 | 1.3 | .3 | .1 | | | | | | | 7.2 | 5.0 |
| S | 16.9 | 9.3 | 7.0 | 3.0 | .6 | .3 | | | | | | 37.3 | 5.5 |
| SSW | 2.6 | .9 | .7 | .6 | .2 | | | | | | | 4.9 | 5.9 |
| SW | 3.5 | .8 | .9 | | | | | | | | | 4.7 | 3.8 |
| WSW | .7 | .2 | .4 | .1 | | | | | | | | 1.4 | 5.3 |
| W | 1.6 | .6 | .4 | .4 | .1 | | | | | | | 2.8 | 6.0 |
| WNW | .8 | .1 | .1 | .2 | .1 | | | | | | | 1.3 | 6.1 |
| NW | 2.2 | .6 | .3 | | .1 | | | | | | | 3.0 | 3.8 |
| NNW | 1.2 | .7 | 1.1 | .6 | .2 | | | | | | | 3.8 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.7 | |
| | 41.8 | 18.4 | 15.2 | 7.3 | 2.3 | .4 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25203 STATION — PRINCE GEORGE B C JOT APT STATION NAME — 57-66 YEARS — SEP MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.2 | 2.7 | 2.6 | 2.4 | .1 | | | | | | | 12.9 | 5.2 |
| NNE | .1 | | .3 | | | | | | | | | 1.0 | 4.2 |
| NE | 1.4 | .1 | | | | | | | | | | 1.4 | 2.0 |
| ENE | .4 | | | | | | | | | | | .3 | 1.7 |
| E | .2 | | | | | | | | | | | .6 | 1.5 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SE | 2.0 | .2 | .2 | | | | | | | | | 2.4 | 2.9 |
| SSE | 4.0 | 2.8 | 1.1 | .2 | .1 | .1 | | | | | | 8.3 | 4.7 |
| S | 17.2 | 9.1 | 5.9 | 4.4 | 1.0 | .2 | .1 | | | | | 36.0 | 5.8 |
| SSW | 2.3 | 1.1 | 1.4 | .4 | .2 | | | | | | | 5.2 | 5.9 |
| SW | 1.8 | .9 | .2 | .1 | | | | | | | | 3.0 | 3.6 |
| WSW | .3 | .3 | .1 | | | | | | | | | .8 | 4.4 |
| W | 1.4 | .8 | .2 | .1 | | | | | | | | 2.6 | 3.8 |
| WNW | .3 | .2 | .3 | .2 | .1 | | | | | | | 1.2 | 7.7 |
| NW | .8 | .3 | .3 | | | | | | | | | 2.2 | 3.4 |
| NNW | 1.2 | .2 | .9 | .4 | .2 | | | | | | | 3.0 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.8 | |
| | 40.1 | 18.9 | 13.7 | 8.3 | 1.8 | .3 | .1 | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 2520 | PRINCE GEORGE A C OUT APT | 57-66 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

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

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 2.1 | 3.6 | 2.1 | .1 | .1 | | | | | | 11.9 | 6.3 |
| NNE | 1.1 | .4 | .1 | | .1 | | | | | | | 1.7 | 4.1 |
| NE | 1.7 | .1 | | | | | | | | | | 1.8 | 1.9 |
| ENE | .2 | | | | | | | | | | | .2 | 2.5 |
| E | 1.1 | | | | | | | | | | | 1.2 | 1.7 |
| ESE | .4 | | .1 | | | | | | | | | .6 | 3.6 |
| SE | 1.1 | .7 | | | | | | | | | | 1.8 | 2.7 |
| SSE | 5.1 | 3.1 | 2.8 | .3 | | | | | | | | 11.3 | 4.9 |
| S | 15.9 | 7.4 | 9.9 | 5.8 | 1.4 | .2 | .1 | | | | | 40.7 | 6.6 |
| SSW | 1.4 | 1.2 | 1.1 | .1 | .2 | | .1 | | | | | 4.7 | 6.3 |
| SW | 1.1 | .7 | .9 | | | | | | | | | 2.7 | 4.8 |
| WSW | .1 | .1 | .4 | .1 | | | | | | | | .8 | 7.3 |
| W | .7 | .4 | .3 | .1 | | | | | | | | 1.6 | 4.5 |
| WNW | .3 | | .3 | | | | | | | | | .7 | 4.7 |
| NW | .9 | .1 | .2 | | | | | | | | | 1.2 | 3.6 |
| NNW | .7 | .9 | .6 | .2 | .1 | | .1 | | | | | 2.6 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.9 | |
| | 38.4 | 17.3 | 20.3 | 8.8 | 2.0 | .3 | .3 | | | | | 100.0 | 2.1 |

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AFGWC/EAT FOR SERVICE/TAC

# SURFACE WINDS

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

72[illegible] PRINCE GEORGE A C EDT APT — STATION / STATION NAME
57-66 — 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 | 3.3 | 3.0 | 2.8 | 1.0 | .4 | .1 | | | | | | 12.[illegible] | 5.7 |
| NNE | 1.4 | .4 | .3 | .3 | .2 | .1 | .1 | | | | | 3.[illegible] | 7.1 |
| NE | 1.4 | .1 | .2 | .2 | .1 | | | | | | | 2.0 | 4.9 |
| ENE | .7 | | | | | .1 | | | | | | .[illegible] | 5.6 |
| E | 1.[illegible] | | | | | | | | | | | 1.[illegible] | 1.8 |
| ESE | .7 | | .1 | | | | | | | | | .[illegible] | 3.0 |
| SE | 1.7 | .4 | .7 | | | | | | | | | 2.[illegible] | 4.2 |
| SSE | 1.7 | 1.9 | 3.0 | 1.3 | | | | | | | | 8.[illegible] | 6.8 |
| S | 3.0 | 5.9 | 8.4 | 13.0 | 2.4 | .3 | | | | | | 35.7 | 9.0 |
| SSW | 1.1 | 1.2 | 2.0 | 2.3 | .1 | | | | | | | 6.[illegible] | 8.7 |
| SW | 2.1 | 1.0 | .8 | .4 | | | | | | | | 4.2 | 5.0 |
| WSW | .0 | .4 | 1.1 | .3 | | | | | | | | 2.7 | 6.3 |
| W | 1.2 | 1.1 | 1.1 | .7 | .2 | | | | | | | 4.3 | 6.7 |
| WNW | .[illegible] | .2 | .1 | .6 | | | | | | | | 1.9 | 6.2 |
| NW | .7 | .8 | .7 | .2 | | | | | | | | 2.6 | 5.5 |
| NNW | 1.4 | 1.1 | 1.3 | .3 | .1 | .1 | | | | | | 4.4 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 20.[illegible] | 18.4 | 22.7 | 21.3 | 3.7 | .8 | .1 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

452 STATION | PRINCE GEORGE B C CUT ART STATION NAME | 37-66 YEARS | SEP MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 3.2 | 4.9 | 1.3 | .3 | | .3 | | | | | 12.9 | [illegible].1 |
| NNE | 2.3 | 1.0 | .6 | .6 | | | | | | | | 4.4 | 5.1 |
| NE | 1.9 | .6 | .7 | .6 | .1 | .2 | | | | | | 4.[illegible] | 6.[illegible] |
| ENE | .4 | | .1 | .1 | | .1 | | | | | | .6 | 7.4 |
| E | .[illegible] | | | .1 | | | | | | | | .3 | [illegible].3 |
| ESE | [illegible] | | | | | | | | | | | 1.[illegible] | 2.1 |
| SE | .6 | .9 | .2 | .1 | | | | | | | | 1.8 | 4.6 |
| SSE | 1.9 | 1.7 | 2.6 | 1.2 | | | | | | | | 7.[illegible] | 6.7 |
| S | 5.1 | 3.4 | 7.9 | 11.1 | 1.4 | .2 | .2 | | | | | 29.4 | 9.6 |
| SSW | 1.4 | 1.4 | 1.8 | 2.7 | .7 | .1 | | | | | | 7.9 | 8.5 |
| SW | .7 | .9 | 1.[illegible] | .2 | .3 | | | | | | | 3.1 | 7.1 |
| WSW | 1.4 | 1.1 | 1.6 | .4 | .1 | | | | | | | 4.7 | 6.3 |
| W | 1.6 | 1.3 | 1.1 | 1.6 | .4 | | | | | | | 6.[illegible] | 8.1 |
| WNW | .7 | .3 | .4 | 1.2 | .1 | | | | | | | 2.[illegible] | 9.4 |
| NW | 1.6 | 1.6 | .8 | .6 | | .1 | | | | | | 4.[illegible] | 6.7 |
| NNW | .[illegible] | 1.6 | 1.4 | .9 | | | | | | | | [illegible].[illegible] | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.4 | |
| | 24.2 | 19.2 | 25.0 | 23.2 | 3.6 | .8 | .5 | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

[illegible] STATION | [illegible] STATION NAME | 57-65 YEARS | [illegible] MONTH

ALL CLASS | 1300-1700 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 | 3.3 | 4.4 | 5.3 | 4.2 | .7 | .1 | | | | | | 17.9 | 7.6 |
| NNE | .6 | 1.2 | .6 | .4 | .2 | | | | | | | 4.1 | 6.1 |
| NE | 1.1 | .3 | 1.0 | .3 | .1 | | | | | | | 2.9 | 7.2 |
| ENE | .3 | | .1 | .1 | | | | | | | | .5 | 4.4 |
| E | 1.1 | .1 | .1 | | | | | | | | | 1.3 | 2.9 |
| ESE | .4 | | | | | | | | | | | .4 | 2.3 |
| SE | .3 | .6 | .4 | | | | | | | | | 2.1 | 4.1 |
| SSE | 1.4 | 1.6 | 1.8 | .1 | | .1 | .1 | | | | | 5.1 | 6.6 |
| S | 3.2 | 5.8 | 9.6 | 7.1 | .8 | .4 | | | | | | 26.9 | 8.4 |
| SSW | 1.0 | 1.7 | 1.8 | 1.1 | .1 | | | | | | | 5.7 | 7.3 |
| SW | .6 | 1.1 | .4 | .3 | | | | | | | | 3.7 | 5.4 |
| WSW | 1.0 | 1.3 | .4 | .1 | | | | | | | | 3.3 | 5.2 |
| W | 1.2 | 1.4 | 1.6 | 1.3 | .2 | | | | | | | 5.8 | 7.7 |
| WNW | .7 | .4 | .0 | .7 | .4 | | | | | | | 1.4 | 6.5 |
| NW | 1.2 | .8 | 1.6 | .1 | | | | | | | | 3.7 | 5.3 |
| NNW | 1.4 | 2.0 | 2.8 | .8 | | .2 | | | | | | 7.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 24.3 | 22.8 | 29.4 | 16.4 | 2.8 | .3 | .1 | | | | | 100.0 | 1.0 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WIND

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

[illegible] STATION | [illegible] STATION NAME | 57-59 YEARS | [illegible] 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 | 6.0 | 4.2 | 3.3 | 1.7 | .2 | | | | | | | 15. | 5.2 |
| NNE | 1.3 | 1.0 | .1 | .7 | | | | | | | | 3.1 | 5.6 |
| NE | 1.9 | | .1 | | | | | | | | | 1.7 | 2.3 |
| ENE | .1 | .1 | | | | | | | | | | .2 | 4.5 |
| E | .7 | | .1 | | | | | | | | | 1.3 | 2.7 |
| ESE | | .1 | .1 | | | | | | | | | .2 | 5.5 |
| SE | .2 | .2 | .4 | .1 | | | | | | | | 1.5 | 3.2 |
| SSE | 2.2 | .8 | .8 | .1 | | .2 | | | | | | 4.1 | 5.4 |
| S | 10.4 | 3.1 | 5.2 | 2.6 | .6 | .4 | | | | | | 24.5 | 5.1 |
| SSW | 3.4 | 1.1 | 1.3 | .4 | | | | | | | | 6.2 | 4.3 |
| SW | 2.9 | 1.6 | .8 | .1 | | | | | | | | 5.4 | 4.2 |
| WSW | 1.2 | .4 | .4 | .1 | | | | | | | | 2.2 | 4.2 |
| W | 4.3 | .7 | .8 | .3 | | | | | | | | 6.6 | 3.5 |
| WNW | .8 | .3 | .9 | .2 | | | | | | | | 2.2 | 6.2 |
| NW | 3.3 | .7 | .9 | | .1 | | | | | | | 5.2 | 3.8 |
| NNW | 2.2 | 1.3 | 1.2 | .6 | .1 | | | | | | | 5.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 | |
| | 44. | 18.4 | 18.3 | 6.9 | 1.2 | .7 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

[illegible] STATION [illegible] STATION NAME 57-60 YEARS [illegible] 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 | 5.3 | 2.6 | 3.7 | 1.4 | .1 | .1 | | | | | | 13.2 | 6.1 |
| NNE | 1.7 | .3 | | | .1 | | | | | | | 2.1 | 3.3 |
| NE | 1.3 | .1 | .1 | .1 | .1 | .2 | | | | | | 2.[illegible] | 6.1 |
| ENE | .4 | | | | | | | | | | | .4 | 1.5 |
| E | .6 | | | | | | | | | | | .[illegible] | 1.8 |
| ESE | | .1 | | | | | | | | | | .1 | 4.0 |
| SE | 1.0 | .2 | .2 | | | | | | | | | 1.4 | 3.3 |
| SSE | 1.4 | 1.3 | .7 | .1 | | | | | | | | 3.5 | 3.8 |
| S | 10.0 | 8.3 | 6.1 | 2.3 | .1 | .3 | | | | | | 33.1 | 5.2 |
| SSW | 3.1 | 1.0 | .8 | .9 | .1 | | | | | | | 5.9 | 5.7 |
| SW | .7 | 1.5 | .8 | | | | | | | | | 3.2 | 3.9 |
| WSW | 1.0 | .3 | .4 | .1 | .1 | | | | | | | 2.0 | 5.3 |
| W | .6 | .5 | .9 | .1 | | | | | | | | 4.0 | 4.3 |
| WNW | .5 | .1 | .3 | | | | | | | | | 1.[illegible] | 3.1 |
| NW | .3 | .2 | .1 | .1 | | | | | | | | 2.0 | 3.3 |
| NNW | 1.4 | 1.3 | 1.2 | .8 | | | | | | | | 4.[illegible] | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.[illegible] | |
| | 40.4 | 18.1 | 15.9 | 6.4 | .7 | .7 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 900

2

AT[illegible] EAST [illegible]
TAC-USAF
AIR [illegible]

# SURFACE WINDS

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

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

ALL [illegible] CLASS | 2000-0200 HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 3.6 | 2.5 | 1.3 | .6 | .1 | | | | | | 11.7 | 6.1 |
| NNE | 1.0 | .1 | | .1 | | | | | | | | 1. | 2.9 |
| NE | .8 | .2 | | .6 | | | | | | | | 1.2 | 4.5 |
| ENE | .6 | .1 | | | | | | | | | | .7 | 3.3 |
| E | .9 | .1 | .1 | | | | | | | | | 1.1 | 2.9 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 3.5 |
| SE | 1.6 | .2 | | | .1 | | | | | | | 2.3 | 3.6 |
| SSE | 2.7 | 2.5 | 1.2 | .9 | .4 | .4 | | | | | | 8.0 | 6.9 |
| S | 11.1 | 6.9 | 8.8 | 11.5 | 4.9 | 1.3 | .5 | .3 | | | | 43.4 | 8.6 |
| SSW | 1.6 | 1.4 | 2.0 | 1.2 | .6 | | | | | | | 6.5 | 5.3 |
| SW | .9 | .1 | .6 | .3 | | | | | | | | 2.5 | 5.3 |
| WSW | .2 | | .3 | .1 | | | | | | | | .6 | 6.2 |
| W | 1.0 | .2 | .3 | .1 | | | | | | | | 1.6 | 4.7 |
| WNW | .4 | .1 | .3 | | | | | | | | | .9 | 4.5 |
| NW | .2 | | .1 | .1 | | | | | | | | .5 | 5.1 |
| NNW | 1.6 | 1.3 | 1.5 | .1 | | | | | | | | 4.1 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.7 | |
| | 29. | 17.1 | 17.8 | 19.9 | 6.2 | 1.8 | .5 | .3 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# SURFACE WINDS

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

72[illegible] PRINCE GEORGE A C [illegible] APT 57-60 CT

STATION | STATION NAME | YEARS | MONTH

ALL WEATHER | 2300-0500

CLASS | HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.2 | 3.[illegible] | 2.4 | 1.5 | .2 | | | | | | | 13.4 | 5.4 |
| NNE | 1.4 | .4 | .2 | | | | | | | | | [illegible].2 | 3.1 |
| NE | .3 | .1 | | | .2 | | | | | | | 1.6 | 4.1 |
| ENE | .3 | | | | | | | | | | | .[illegible] | 1.0 |
| E | .3 | .1 | | | | | | | | | | .[illegible] | 2.3 |
| ESE | .1 | .1 | | | | | | | | | | .[illegible] | 2.3 |
| SE | 1.7 | .4 | | .1 | | | | | | | | 2.3 | 3.0 |
| SSE | 2.9 | 2.3 | 1.7 | .8 | .4 | .2 | | | | | | 8.3 | 7.2 |
| S | 10.3 | 6.0 | 8.8 | 9.0 | 5.1 | 1.8 | .3 | .1 | | | | 43.7 | 9.4 |
| SSW | .2 | 1.2 | 1.4 | 1.4 | .4 | .1 | | | | | | 4.[illegible] | 9.9 |
| SW | .3 | .4 | .5 | | | | | | | | | 2.[illegible] | 4.0 |
| WSW | .2 | .2 | .1 | .3 | .1 | | | | | | | 1.1 | 3.2 |
| W | .1 | .4 | .3 | .4 | | | | | | | | 2.5 | 5.8 |
| WNW | .4 | .3 | | .2 | | | | | | | | 1.[illegible] | 3.4 |
| NW | .3 | .2 | .1 | | | | | | | | | 1.[illegible] | 3.9 |
| NNW | .1 | .2 | 1.1 | .5 | | | | | | | | 3.2 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.0 | |
| | 30.0 | 17.7 | 16.9 | 14.4 | 8.2 | 2.3 | .3 | .1 | | | | 100.2 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0 8 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAFETAC/USS
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

25210 STATION — PRINCE GEORGE A I R PORT STATION NAME — 57-66 YEARS — 01 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 | 5.4 | 2.6 | 2.4 | 1.8 | .3 | | | | | | | 12.5 | 5.5 |
| NNE | .8 | .2 | .2 | .1 | | | | | | | | 1.3 | 4.3 |
| NE | 1.2 | .3 | | .1 | | | | | | | | 1.6 | 3.2 |
| ENE | .1 | | | .1 | | | | | | | | .2 | 6.5 |
| E | 1.0 | .1 | | | | | | | | | | 1.1 | 2.4 |
| ESE | .1 | | | | | | | | | | | .1 | 1.0 |
| SE | 1.1 | .6 | .2 | | | | | | | | | 2.0 | 3.3 |
| SSE | 3.3 | 2.6 | 1.9 | .8 | .4 | .3 | | .1 | | | | 9.5 | 7.0 |
| S | 8.8 | 8.7 | 8.5 | 11.1 | 4.9 | 1.6 | .2 | | | | | 43.9 | 9.7 |
| SSW | 1.1 | .2 | 1.0 | 1.8 | .9 | .1 | | | | | | 5.1 | 11.0 |
| SW | 1.1 | .4 | .3 | .3 | .1 | | | | | | | 2.3 | 6.1 |
| WSW | .7 | .1 | .2 | .3 | | | | | | | | 1.5 | 5.1 |
| W | .8 | .2 | .4 | | | | | | | | | 1.4 | 3.9 |
| WNW | .2 | | .1 | | | | | | | | | .3 | 4.3 |
| NW | .3 | .1 | .5 | | | | | | | | | 1.2 | 5.4 |
| NNW | 1.3 | .4 | 1.0 | .4 | .2 | | | | | | | 3.7 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 11.4 | |
| | 29.4 | 16.7 | 16.8 | 16.7 | 6.9 | 2.0 | .2 | .1 | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 25220 | PRINCE GEORGE B C CUT APT | 57-66 | CT |
|---|---|---|---|
| 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 | 3.4 | 3.0 | 2.4 | 1.9 | .4 | .1 | .1 | | | | | 11.4 | 7.1 |
| NNE | 2.2 | .9 | .5 | .4 | .3 | .1 | | | | | | 4.4 | 6.2 |
| NE | 1.4 | .2 | | | .1 | .1 | | | | | | 1.8 | 4.9 |
| ENE | .2 | | | | | | | | | | | .2 | 2.0 |
| E | 1.0 | | | | | | | | | | | 1.0 | 2.0 |
| ESE | .3 | .2 | | | | | | | | | | .5 | 2.6 |
| SE | 1.0 | .9 | .1 | .1 | | | | | | | | 2.1 | 4.3 |
| SSE | 1.1 | 2.0 | 3.0 | 1.0 | .3 | .2 | | .1 | | | | 7.7 | 8.7 |
| S | 4.9 | 4.0 | 11.2 | 16.0 | 6.3 | 2.8 | .3 | | | | | 45.6 | 11.7 |
| SSW | .6 | .6 | 1.7 | 2.7 | .3 | .5 | | | | | | 6.6 | 11.2 |
| SW | 1.1 | .6 | .2 | .2 | .3 | | | | | | | 2.7 | 5.9 |
| WSW | .5 | .1 | .5 | .3 | | | | | | | | 1.7 | 6.6 |
| W | 1.0 | .3 | 1.0 | 1.0 | .1 | | | | | | | 4.0 | 9.0 |
| WNW | .4 | .1 | .5 | .5 | .4 | | | | | | | 1.9 | 9.1 |
| NW | .5 | .3 | .3 | | | | | | | | | 1.2 | 4.7 |
| NNW | .5 | .4 | .8 | .2 | | | | | | | | 2.3 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.1 | |
| | 21.4 | 13.8 | 22.3 | 25.1 | 8.5 | 3.9 | .4 | .1 | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 730

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

23236 STATION | PRINCE GEORGE A L BEET APT STATION NAME | 57-66 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 | 3.2 | 2.7 | 3.8 | 1.8 | .1 | .2 | .1 | | | | | 11.3 | 7.2 |
| NNE | 1.1 | .8 | 1.0 | .6 | .2 | .1 | | | | | | 3.8 | 7.7 |
| NE | 1.4 | .2 | .3 | .2 | .5 | | | | | | | 3.2 | 6.3 |
| ENE | .7 | .2 | | | | | | | | | | 1.1 | 2.3 |
| E | .5 | .4 | | | | | | | | | | 1.0 | 3.4 |
| ESE | | .2 | | | | | | | | | | .2 | 5.0 |
| SE | 1.3 | .4 | .5 | | | | | | | | | 2.3 | 4.2 |
| SSE | 1.7 | 1.4 | 1.8 | 2.0 | .5 | .4 | | | | | | 8.0 | 9.2 |
| S | 2.4 | 2.7 | 9.5 | 14.9 | 4.8 | 2.5 | .4 | | | | | 37.2 | 12.5 |
| SSW | 1.1 | 1.3 | 2.0 | 3.9 | 1.3 | .5 | | | | | | 10.1 | 11.5 |
| SW | .3 | .9 | 1.4 | 1.1 | .1 | | | | | | | 4.0 | 8.4 |
| WSW | .6 | .3 | 1.1 | .3 | | | | | | | | 2.5 | 6.7 |
| W | 1.4 | .9 | 1.5 | 1.5 | .4 | .1 | | | | | | 5.4 | 9.3 |
| WNW | .4 | | 1.1 | .6 | .1 | | | | | | | 2.2 | 9.4 |
| NW | .3 | .5 | .8 | .2 | | | | | | | | 2.0 | 6.2 |
| NNW | .6 | 1.4 | .6 | .4 | | | | | | | | 3.1 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.2 | |
| | 18.2 | 14.2 | 23.4 | 27.7 | 8.2 | 3.9 | .5 | | | | | 100.0 | 9.6 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

| 2220 | PRINCE GEORGE B C CIT APT | 57-66 | CT |
|---|---|---|---|
| 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 | 3.9 | 3.9 | 3.7 | 1.3 | .2 | .3 | .1 | | | | | 13.1 | 7.0 |
| NNE | 1.6 | .5 | 1.2 | .4 | .4 | .2 | | | | | | 3.8 | 8.9 |
| NE | 1.3 | .8 | .2 | .4 | .1 | | | | | | | 2.8 | 5.6 |
| ENE | .5 | .1 | | | | | | | | | | .6 | 2.7 |
| E | 1.2 | .1 | | | | | | | | | | 1.3 | 2.5 |
| ESE | .1 | .1 | .1 | .1 | | | | | | | | .4 | 6.0 |
| SE | 1.1 | .2 | .3 | .1 | | | | | | | | 2.0 | 4.6 |
| SSE | 1.5 | 1.5 | 2.6 | 1.1 | .6 | .5 | .2 | | | | | 7.5 | 9.8 |
| S | 3.2 | 5.3 | 10.1 | 10.0 | 4.6 | 1.2 | .3 | .1 | | | | 34.6 | 11.1 |
| SSW | .6 | 2.7 | 2.5 | 1.3 | .6 | .1 | | | | | | 8.0 | 8.4 |
| SW | 1.3 | 1.4 | 1.0 | .8 | | .4 | | | | | | 4.8 | 8.2 |
| WSW | .4 | 1.1 | 1.3 | .3 | | | | | | | | 3.1 | 6.8 |
| W | 1.7 | .8 | 1.4 | 1.2 | .1 | .1 | | | | | | 5.5 | 7.3 |
| WNW | .9 | .5 | .3 | .2 | | | | | | | | 1.9 | 5.4 |
| NW | 1.0 | .9 | .3 | .4 | | | | | | | | 2.6 | 5.4 |
| NNW | .7 | 1.1 | .6 | .1 | | | | | | | | 3.5 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.0 | |
| | 21.4 | 30.8 | 29.1 | 18.0 | 6.8 | 2.9 | .6 | .1 | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 936

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

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# SURFACE WINDS

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

232 (STATION) PRINCE GEORGE B C DOT APT (STATION NAME) 57-66 (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 | 5.3 | 3.7 | 4.1 | 1.1 | .2 | .3 | | | | | | 14.9 | 6.3 |
| NNE | .4 | .6 | .2 | .3 | | .1 | | | | | | 1.9 | 5.7 |
| NE | 1.2 | | .1 | .2 | | | | | | | | 1.5 | 4.4 |
| ENE | .3 | | | .1 | | | | | | | | .5 | 4.2 |
| E | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| ESE | .2 | | | | | | | | | | | .2 | 2.0 |
| SE | 1.0 | .2 | .1 | | | | | | | | | 2.2 | 2.7 |
| SSE | 1.3 | 1.1 | 1.7 | 1.4 | .4 | .2 | | | | | | 6.3 | 8.6 |
| S | 8.- | 7.4 | 8.1 | 9.5 | 2.9 | .9 | .2 | | | | | 36.9 | 9.0 |
| SSW | 1.2 | 1.4 | 1.8 | 1.1 | .5 | .1 | | | | | | 6.1 | 8.7 |
| SW | 1.1 | .9 | 1.0 | .2 | | | | | | | | 3.8 | 4.7 |
| WSW | .4 | .3 | .6 | .2 | | | | | | | | 2.3 | 5.7 |
| W | 2.4 | .2 | .4 | .4 | | .2 | | | | | | 3.7 | 5.7 |
| WNW | 1.1 | .3 | .5 | | .2 | | .1 | | | | | 3.1 | 5.8 |
| NW | 1.3 | .3 | .1 | | | .1 | | | | | | 2.3 | 4.2 |
| NNW | 1.4 | .8 | 1.1 | .1 | .1 | | | | | | | 3.3 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.5 | |
| | 30.2 | 17.6 | 20.0 | 14.6 | 4.7 | 1.9 | .3 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

AT[illegible] DIVISION
ETAC/USAF
[illegible]

# SURFACE WINDS

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

252.0 STATION | PRINCE GEORGE A & OUT APT STATION NAME | 57-76 YEARS | OCT MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.2 | 2.5 | 3.5 | 1.2 | .1 | .3 | | | | | | 12.8 | 6.0 |
| NNE | 1.0 | | .1 | .3 | | | | | | | | 1.4 | 5.6 |
| NE | .8 | .1 | .2 | .1 | | | | | | | | 1.2 | 4.7 |
| ENE | .4 | | .2 | | | | | | | | | .6 | 3.8 |
| E | .2 | | | | | | | | | | | .5 | 1.2 |
| ESE | .4 | | | | | | | | | | | .4 | 1.6 |
| SE | .4 | .4 | .2 | | | | | | | | | 1.1 | 4.3 |
| SSE | 2.4 | 2.3 | 1.5 | .8 | .9 | .5 | .1 | | | | | 8.4 | 8.5 |
| S | 9.0 | 7.3 | 9.7 | 10.3 | 3.5 | 1.3 | .2 | | | | | 41.4 | 9.3 |
| SSW | 1.3 | 1.0 | 1.2 | .9 | .0 | .1 | | | | | | 5.1 | 8.7 |
| SW | 1.7 | .8 | .4 | | | | | | | | | 2.9 | 3.8 |
| WSW | .3 | .1 | .1 | .1 | | | | | | | | .6 | 5.3 |
| W | 1.7 | .4 | .2 | .1 | .1 | | | | | | | 2.6 | 4.5 |
| WNW | .2 | | | .1 | .1 | | | | | | | .8 | 6.7 |
| NW | 1.0 | .1 | .1 | | | | | | | | | 1.2 | 2.8 |
| NNW | 1.0 | 1.5 | 1.5 | .4 | .1 | | | | | | | 4.5 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.5 | |
| | 27.0 | 16.5 | 19.0 | 14.3 | 5.5 | 2.3 | .3 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

72[illegible] PRINCE GEORGE B C INT APT — STATION / STATION NAME

57-66 — YEARS

JUL — MONTH

ALL WEATHER — CLASS

0000-0200 — HOURS (L.S.T.)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.5 | 3.1 | 4.8 | 2.4 | .2 | | | | | | | 16.9 | 6.1 |
| NNE | 1.0 | .6 | .2 | .1 | | | | | | | | 2.4 | 4.0 |
| NE | 1.2 | .1 | | | | | | | | | | 1.3 | 2.3 |
| ENE | .5 | | | | | | | | | | | .6 | 2.4 |
| E | 1.3 | .1 | | | | | | | | | | 1.4 | 2.2 |
| ESE | .1 | .1 | | | | | | | | | | .2 | 4.0 |
| SE | 2. | .3 | | | | | | | | | | 2.3 | 2.4 |
| SSE | 2. | 1.0 | 2.3 | .4 | .3 | .1 | .6 | | | | | 7.0 | 7.7 |
| S | 7.2 | 6.0 | 9.3 | 7.8 | 3.2 | 1.6 | .4 | .1 | | | | 36.1 | 9.3 |
| SSW | 1.1 | .8 | .8 | 1.2 | .9 | .1 | | | | | | 4.6 | 8.6 |
| SW | 1.1 | .3 | .4 | .1 | .1 | | | | | | | 2.1 | 4.9 |
| WSW | .4 | .1 | .3 | .1 | .1 | | | | | | | 1.1 | 6.0 |
| W | 1.2 | | .7 | .2 | | | | | | | | 2.1 | 5.5 |
| WNW | .7 | .3 | .1 | | | .1 | | | | | | 1.2 | 5.3 |
| NW | 1.0 | .4 | .1 | .1 | | | | | | | | 2.2 | 7.5 |
| NNW | 1.1 | 1.3 | 2.2 | 1.0 | .2 | | | | | | | 6.4 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.4 | |
| | 30.1 | 17.8 | 21.3 | 13.6 | 4.9 | 1.9 | .7 | .1 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

242 (STATION) PRINCE GEORGE A C CUT APT (STATION NAME) 57-06 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS) 0400-0500 (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 | 3.0 | 4.0 | 2.4 | .4 | .1 | | | | | | 10.2 | 6.6 |
| NNE | 1.0 | .7 | | .1 | | | | | | | | 1.8 | 3.5 |
| NE | 1.0 | | | | | | | | | | | 1.0 | 2.0 |
| ENE | .7 | .4 | | | | | | | | | | 1.1 | 3.4 |
| E | 1.1 | .1 | | | | | | | | | | 1.2 | 2.1 |
| ESE | .3 | | | | | | | | | | | .3 | 1.7 |
| SE | 1.4 | .4 | .1 | | | | | | | | | 1.9 | 2.9 |
| SSE | 2.4 | 1.0 | 1.2 | .2 | .3 | | .3 | .1 | | | | 6.2 | 7.7 |
| S | 9.0 | 6.4 | 10.6 | 7.9 | 2.4 | 2.0 | .1 | | | | | 37.2 | 8.9 |
| SSW | .8 | .6 | 1.2 | 1.0 | .4 | .3 | | | | | | 4.3 | 9.9 |
| SW | .7 | .4 | .6 | | | | | | | | | 1.2 | 6.2 |
| WSW | .2 | | .1 | .3 | .1 | | | | | | | .8 | 10.3 |
| W | .9 | .3 | .6 | .5 | | | | | | | | 2.3 | 6.3 |
| WNW | .3 | .3 | .2 | .1 | | | | | | | | 1.0 | 5.6 |
| NW | 1.3 | .4 | .3 | .1 | | | | | | | | 2.7 | 3.8 |
| NNW | 1.8 | 1.9 | 1.6 | 1.9 | | | | | | | | 6.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 10.3 | |
| | 30.3 | 17.4 | 20.4 | 14.7 | 3.8 | 2.6 | .4 | .1 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

[illegible] PRINCE GEORGE B C INT APT (STATION / STATION NAME) 57-06 (YEARS) [illegible] (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 | 0.3 | 4.3 | 4.4 | 2.2 | .0 | | | | | | | 11.2 | 6.5 |
| NNE | 1.6 | .3 | | | .1 | | | | | | | 2.0 | 3.5 |
| NE | 2.1 | .1 | .2 | | | | | | | | | 2.7 | 2.3 |
| ENE | .4 | | .1 | | | | | | | | | .5 | 3.6 |
| E | 1.2 | | | | | | | | | | | 1.2 | 2.2 |
| ESE | .1 | | | | | | | | | | | .1 | 2.5 |
| SE | 1.7 | .6 | .3 | | | | | | | | | 2.6 | 3.4 |
| SSE | 3.1 | 2.4 | 1.9 | .3 | .3 | .1 | .1 | | | | | 8.3 | 6.1 |
| S | 0.4 | 5.1 | 10.7 | 9.1 | 2.7 | 1.3 | .2 | .2 | | | | 38.8 | 9.2 |
| SSW | .2 | .3 | .6 | 1.2 | .3 | .1 | | | | | | 3.1 | 10.5 |
| SW | .1 | .2 | .2 | .1 | | | | | | | | 1.2 | 4.9 |
| WSW | .1 | | .2 | | | | | | | | | .6 | 4.2 |
| W | .4 | .6 | .1 | .3 | | | | | | | | 2.4 | 4.5 |
| WNW | .2 | .1 | .3 | | | | | | | | | 1.3 | 4.9 |
| NW | .2 | .1 | .3 | .3 | | | | | | | | 2.1 | 5.4 |
| NNW | .3 | .2 | 1.2 | 2.2 | | | | | | | | 4.9 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.7 | |
| | 31.2 | 16.2 | 20.4 | 15.7 | 4.2 | 1.6 | .3 | .2 | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 700

2

# SURFACE WINDS

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

STATION _____ STATION NAME _____ 7-66 YEARS _____ MONTH

ALL SEAT CLASS _____ 0700-1100 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 | 4.1 | 5.0 | 4.4 | 2.1 | .0 | .3 | | | | | | 16.2 | 5.2 |
| NNE | .2 | 1.6 | .1 | .2 | | | | | | | | .5 | 4.2 |
| NE | .4 | .2 | | | .1 | | | | | | | 1.2 | 3.4 |
| ENE | .3 | | | | | | | | | | | .4 | 1.8 |
| E | .3 | | | | | | | | | | | 1.3 | 1.8 |
| ESE | .2 | .2 | | | | | | | | | | .4 | 3.5 |
| SE | .0 | .6 | .3 | | | | | | | | | 2.4 | 3.6 |
| SSE | .9 | 2.1 | 2.9 | .4 | .2 | .6 | .1 | | | | | 9.1 | 7.7 |
| S | 6.4 | 5.1 | 16.9 | 11.9 | 2.9 | 2.3 | .4 | .1 | | | | 41.2 | 10.3 |
| SSW | .6 | .6 | .7 | 1.1 | .4 | .1 | | | | | | 3.4 | 10.4 |
| SW | .7 | 1.1 | .1 | .2 | | | | | | | | 2.1 | 5.1 |
| WSW | .2 | | .1 | .4 | | | | | | | | .4 | 8.7 |
| W | .1 | .4 | .3 | .1 | | | | | | | | 1.9 | 5.6 |
| WNW | .1 | .3 | .7 | | .1 | | | | | | | 2.0 | 5.7 |
| NW | .2 | .4 | .3 | | | | | | | | | 2.0 | 4.1 |
| NNW | 1.1 | 1.1 | 1.0 | 1.0 | .1 | | | | | | | 5.1 | 8.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.6 | |
| | 26.0 | 18.1 | 29.3 | 19.2 | 4.3 | 3.0 | .6 | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 900

2

# SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS 51-61 MONTH _____

CLASS ALL WEATHER HOURS (L S T.) 1200-1600

CONDITION _____

| SPEED (KNTS) DIR. | 1 - 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 | 2.0 | 2.0 | 2.1 | .4 | .1 | | | | | | 7.0 | |
| NNE | .2 | 1.0 | .7 | .2 | .4 | .1 | | | | | | 2.6 | |
| NE | .4 | .1 | .1 | | | | | | | | | .6 | |
| ENE | .1 | .2 | | | | | | | | | | .3 | |
| E | .3 | .2 | | | | | | | | | | .5 | |
| ESE | .1 | | | | | | | | | | | .1 | |
| SE | .2 | .2 | .1 | | | | | | | | | .5 | |
| SSE | .2 | .4 | .6 | .4 | .1 | .6 | .1 | | | | | 1.4 | |
| S | .4 | 4.1 | 1.1 | 12.0 | 2.3 | 1.7 | .3 | .3 | | | | 22.1 | |
| SSW | .1 | .3 | .3 | 1.0 | .6 | | | | | | | 2.3 | |
| SW | .2 | .6 | .1 | .3 | | | | | | | | 1.2 | |
| WSW | .3 | .2 | .2 | .6 | .1 | | | | | | | 1.4 | |
| W | .2 | .1 | .2 | .3 | .3 | | | | | | | .9 | |
| WNW | .2 | .2 | .3 | .1 | .1 | | | | | | | .9 | |
| NW | .2 | .2 | .2 | .3 | .1 | .1 | | | | | | 1.1 | |
| NNW | .1 | .1 | .1 | .1 | .1 | | | | | | | .4 | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .1 | |
| | 3.1 | 10.4 | 5.4 | 21.1 | 3.2 | 2.4 | .4 | .3 | | | | 100.0 | |

TOTAL NUMBER OF OBSERVATIONS 700

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2527 STATION — PRINCE GEORGE B C DOT APT STATION NAME — 57-63 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 | 2.0 | 5.7 | 4.7 | 3.2 | .7 | | | | | | | 16.3 | 6.8 |
| NNE | 2.0 | .8 | .7 | .2 | | .2 | | | | | | 3.9 | 5.7 |
| NE | 1.0 | .6 | .1 | | .1 | | | | | | | 1.8 | 4.7 |
| ENE | .3 | .2 | | | | | | | | | | .6 | 3.4 |
| E | 1.4 | .3 | | | | | | | | | | 1.8 | 2.8 |
| ESE | .6 | | | | | | | | | | | .6 | 2.0 |
| SE | 2.4 | .4 | .3 | | | | | | | | | 3.1 | 2.9 |
| SSE | 3.0 | 1.4 | 1.8 | 1.1 | .6 | .6 | | | | | | 7.5 | 7.0 |
| S | 6.0 | 5.8 | 11.3 | 7.2 | 2.3 | .7 | | | | | | 33.3 | 5.7 |
| SSW | 1.4 | .8 | 1.2 | .8 | .1 | | | | | | | 4.2 | 7.3 |
| SW | .1 | .2 | 1.1 | .3 | .1 | .1 | | | | | | 1.9 | 7.0 |
| WSW | .3 | .2 | .3 | | .1 | | | | | | | 1.0 | 6.7 |
| W | 1.1 | 1.0 | .7 | .7 | .2 | | .1 | | | | | 3.8 | 7.9 |
| WNW | .4 | .4 | .3 | .4 | | | | | | | | 1.1 | 6.3 |
| NW | 1.3 | .3 | .1 | .3 | | .1 | | | | | | 2.2 | 3.6 |
| NNW | 1.5 | 1.4 | 1.1 | .7 | .2 | | | | | | | 5.0 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 5.2 | |
| | 30.0 | 19.7 | 23.8 | 15.0 | 4.1 | 1.3 | .1 | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

722X — STATION
PRINCE GEORGE C CNUT APT — STATION NAME
57-66 — YEARS
V — 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 | 7.4 | 4.7 | 4.2 | 3.4 | 1.1 | | | | | | | 20.8 | 6.6 |
| NNE | 2.6 | 1.0 | .1 | .3 | | | | | | | | 3.7 | 4.1 |
| NE | 2.4 | | | | | | | | | | | 2.4 | 2.3 |
| ENE | .7 | .1 | | | | | | | | | | .8 | 1.9 |
| E | 1.1 | .1 | | | | | | | | | | 1.2 | 2.5 |
| ESE | .6 | .1 | | | | | | | | | | .7 | 3.0 |
| SE | 1.0 | .7 | .3 | .2 | .1 | | | | | | | 2.3 | 5.2 |
| SSE | 3.4 | 1.2 | .8 | .0 | .2 | .3 | | | | | | 5.9 | 6.2 |
| S | 3.7 | 5.9 | 7.6 | 7.1 | 3.2 | 1.4 | .2 | | | | | 31.1 | 9.7 |
| SSW | 1.6 | .5 | 1.4 | .3 | .1 | | | | | | | 4.2 | 6.1 |
| SW | 1.0 | .7 | .7 | .3 | | | | | | | | 3.2 | 4.8 |
| WSW | .4 | .4 | .2 | .3 | .1 | | | | | | | 1.6 | 8.2 |
| W | 1.3 | .1 | .3 | | .1 | | | | | | | 1.9 | 3.9 |
| WNW | .6 | .1 | .2 | | | | | | | | | .9 | 4.1 |
| NW | 2.0 | 1.2 | .4 | .1 | | | | | | | | 3.8 | 4.1 |
| NNW | 1.6 | 1.9 | 1.7 | 1.1 | .2 | | | | | | | 6.7 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 34.2 | 19.0 | 18.0 | 13.8 | 5.2 | 1.8 | .2 | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM 0-8-5 (OL-1) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USTAC/USA
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

252 STATION — PRINCE GEORGE A C BOT APT STATION NAME — 57-66 YEARS — V 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 | 6.0 | 5.8 | 4.4 | 2.9 | .6 | | | | | | | 20.2 | 6.3 |
| NNE | 1.7 | .0 | .3 | | .1 | | | | | | | 2.9 | 4.2 |
| NE | 2.1 | | .1 | | | | | | | | | 2.2 | 2.2 |
| ENE | .1 | | .1 | | | | | | | | | .2 | 5.0 |
| E | .7 | .1 | | | | | | | | | | 1.0 | 2.3 |
| ESE | .2 | | | | | | | | | | | .2 | 2.5 |
| SE | 1.0 | .7 | .2 | | | | | | | | | 2.4 | 3.7 |
| SSE | 2.1 | 2.0 | 1.2 | .0 | .2 | .4 | | | | | | 6.3 | 7.0 |
| S | 7.7 | 6.6 | 8.9 | 6.9 | 3.1 | 1.7 | .7 | .1 | | | | 35.8 | 9.5 |
| SSW | 1.0 | .4 | .9 | .3 | .2 | | | | | | | 2.9 | 7.6 |
| SW | 1.0 | .2 | .4 | .2 | .1 | | | | | | | 2.0 | 5.9 |
| WSW | .4 | .3 | .3 | | | | | | | | | 1.1 | 4.5 |
| W | 1.3 | .4 | .3 | .1 | | | | | | | | 2.2 | 4.1 |
| WNW | 1.0 | .2 | .1 | .2 | | | | | | | | 1.6 | 4.5 |
| NW | 1.7 | .2 | .1 | .2 | | | | | | | | 2.4 | 3.5 |
| NNW | 2.2 | 1.9 | 2.0 | 1.8 | | | | | | | | 7.9 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 32.2 | 19.4 | 19.6 | 13.0 | 4.3 | 2.1 | .7 | .1 | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 900

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OF

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 (STATION) PRINCE GEORGE B C DOT APT (STATION NAME) 57-66 (YEARS) FC (MONTH)

ALL WEATHER (CLASS) 0000-0700 (HOURS (L.S.T.))

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 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 | 5.6 | 4.7 | 2.6 | 1.2 | | | | | | | 23.2 | 6.2 |
| NNE | 1.4 | .5 | | | | | | | | | | 1.7 | 3.1 |
| NE | 1.2 | .1 | | | | | | | | | | 1.3 | 2.5 |
| ENE | .6 | | | .1 | | | | | | | | .7 | 4.1 |
| E | .5 | .2 | | | | | | | | | | .8 | 2.9 |
| ESE | .4 | | | | | | | | | | | .4 | 2.0 |
| SE | 1.6 | .4 | .2 | | | | | | | | | 2.3 | 3.1 |
| SSE | 2.4 | 2.5 | 1.3 | .6 | .1 | .1 | | | | | | 7.1 | 6.1 |
| S | 9.1 | 6.9 | 8.2 | 8.5 | 4.1 | 1.9 | .4 | | | | | 39.1 | 9.5 |
| SSW | 1.1 | 1.0 | .9 | .9 | .3 | | | | | | | 4.1 | 7.4 |
| SW | 1.1 | .4 | .2 | .1 | | | | | | | | 1.8 | 4.0 |
| WSW | .1 | .1 | .2 | | | | | | | | | .4 | 5.8 |
| W | .2 | .2 | .3 | .2 | | | | | | | | 1.3 | 5.7 |
| WNW | .1 | .2 | | .1 | | | | | | | | .6 | 5.8 |
| NW | 1.0 | .3 | .6 | .1 | | | | | | | | 2.0 | 4.7 |
| NNW | 1.9 | 1.2 | 1.3 | 1.6 | | | | | | | | 5.7 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.0 | |
| | 32.1 | 17.7 | 18.0 | 15.2 | 5.5 | 2.0 | .4 | | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

2320 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 8.5 | 6.5 | 5.8 | 3.3 | .8 | .2 | | | | | | 25.1 | 6.6 |
| NNE | 1.2 | .1 | .1 | | | | | | | | | 1.2 | 3.1 |
| NE | 1.0 | | | | | | | | | | | 1.0 | 2.3 |
| ENE | .3 | .1 | | | | | | | | | | .4 | 3.3 |
| E | .9 | .1 | | .1 | | | | | | | | 1.0 | 3.6 |
| ESE | .2 | | .1 | | | | | | | | | .3 | 3.7 |
| SE | 2.0 | .8 | .2 | | | | | | | | | 3.5 | 3.1 |
| SSE | 2.3 | 2.0 | 1.8 | .3 | .1 | .1 | | | | | | 7.4 | 5.8 |
| S | 8.5 | 6.5 | 8.8 | 9.4 | 3.5 | 2.3 | .3 | | | | | 39.2 | 9.7 |
| SSW | .2 | .5 | .9 | .9 | .1 | | | | | | | 2.6 | 9.5 |
| SW | 1.3 | | .1 | | | | | | | | | 1.4 | 2.8 |
| WSW | | .2 | .5 | .1 | | .1 | | | | | | 1.0 | 9.8 |
| W | 1.1 | .4 | .4 | .4 | | | | | | | | 2.4 | 5.4 |
| WNW | .2 | | .2 | | | | | | | | | .4 | 5.5 |
| NW | 1.1 | | .3 | | | | | | | | | 1.4 | 3.6 |
| NNW | 1.9 | 1.0 | 1.7 | .3 | .1 | | | | | | | 4.4 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 30.4 | 18.7 | 21.1 | 14.8 | 4.9 | 2.7 | .3 | | | | | 100.0 | 7.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 72206 | PRINCE GEORGE A C CUT APT | 57-66 | FC |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL CLASSES — CLASS

0400-0600 — HOURS (L S T)

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.3 | 8.9 | 5.3 | 3.9 | .5 | .3 | | | | | | 26.2 | 6.5 |
| NNE | .4 | .4 | .1 | | | | | | | | | 1.0 | 4.6 |
| NE | 1.4 | .1 | | | | | | | | | | 1.5 | 2.2 |
| ENE | .1 | | | | | | | | | | | .1 | 3.0 |
| E | 1.0 | .3 | .2 | | | | | | | | | 2.2 | 3.0 |
| ESE | .2 | .1 | | | | | | | | | | .6 | 2.5 |
| SE | 1.3 | 1.2 | .3 | | | | | | | | | 2.8 | 3.8 |
| SSE | 2.9 | 2.2 | 1.9 | .3 | .1 | | | | | | | 7.4 | 5.3 |
| S | 7.8 | 4.8 | 8.4 | 9.4 | 3.3 | 1.9 | .3 | | | | | 36.0 | 9.8 |
| SSW | 1.1 | .5 | 1.2 | 1.4 | .5 | | | | | | | 4.7 | 9.2 |
| SW | .9 | .2 | | | | | | | | | | 1.1 | 2.3 |
| WSW | .3 | | .2 | .1 | | | | | | | | .6 | 6.8 |
| W | 1.1 | .1 | .2 | .2 | | | | | | | | 1.6 | 4.4 |
| WNW | .2 | | | .1 | | | | | | | | .6 | 4.7 |
| NW | 1.4 | .1 | .2 | | | | | | | | | 1.7 | 2.9 |
| NNW | .5 | 1.2 | 1.8 | .8 | .3 | | | | | | | 4.8 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.1 | |
| | 29.3 | 20.2 | 19.9 | 16.1 | 4.6 | 2.3 | .3 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 252 0 | PRINCE GEORGE B C DOT APT | 57-66 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

CONDITION

0000-1100
HOURS (L.S.T.)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 9.7 | 6.2 | 4.9 | 3.1 | .6 | .2 | | | | | | 24.7 | 6.3 |
| NNE | 2.4 | .2 | | | | | | | | | | 2.4 | 2.5 |
| NE | 1.7 | .4 | | | | | | | | | | 2.2 | 2.9 |
| ENE | .2 | | | | | | | | | | | .2 | 2.0 |
| E | 1.6 | | | | | | | | | | | 1.6 | 2.6 |
| ESE | | | | | | | | | | | | | |
| SE | 1.8 | .6 | .2 | | | | | | | | | 2.7 | 3.5 |
| SSE | 3.4 | 2.2 | .6 | .4 | .1 | | | | | | | 6.6 | 4.8 |
| S | 5.6 | 4.4 | 8.4 | 11.7 | 5.5 | 1.1 | .1 | | | | | 37.0 | 10.7 |
| SSW | .6 | .8 | .9 | .9 | .6 | .2 | | | | | | 4.1 | 10.2 |
| SW | 1.0 | .3 | .3 | .4 | | | | | | | | 2.0 | 6.4 |
| WSW | .4 | .1 | .1 | .1 | | | | | | | | .8 | 5.3 |
| W | 1.0 | .2 | .3 | .1 | | | | | | | | 1.6 | 4.6 |
| WNW | .1 | .1 | | .1 | | | | | | | | .3 | 7.0 |
| NW | .6 | .4 | .1 | | | | | | | | | 1.3 | 3.3 |
| NNW | 1.2 | 1.6 | 1.7 | 1.4 | | | | | | | | 5.9 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.5 | |
| | 31.4 | 17.6 | 17.6 | 18.3 | 7.0 | 1.5 | .1 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 930

1

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25208 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | EC 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 | 6.2 | 7.0 | 5.5 | 2.2 | 1.2 | .1 | .2 | | | | | 22.6 | 6.7 |
| NNE | 2.6 | .6 | .3 | .2 | .2 | | | | | | | 4.0 | 4.5 |
| NE | 1.9 | .5 | .2 | | | | | | | | | 2.7 | 3.2 |
| ENE | 1.1 | .1 | | | | | | | | | | 1.2 | 2.3 |
| E | .9 | | .1 | | | | | | | | | 1.0 | 2.1 |
| ESE | .4 | | | | | | | | | | | .4 | 1.8 |
| SE | 1.9 | .2 | .1 | | | | | | | | | 2.3 | 2.8 |
| SSE | 1.9 | 1.1 | 1.1 | .9 | .2 | | | | | | | 4.8 | 6.9 |
| S | 4.4 | 4.0 | 10.9 | 12.6 | 2.8 | .9 | .1 | .1 | | | | 35.7 | 10.4 |
| SSW | .2 | .6 | 1.3 | 2.6 | .6 | .2 | | | | | | 5.9 | 11.2 |
| SW | .4 | .5 | 1.1 | .4 | | | | | | | | 2.5 | 7.6 |
| WSW | .4 | .1 | .5 | .2 | .1 | | | | | | | 1.3 | 8.4 |
| W | 1.2 | .2 | .9 | | | | | | | | | 2.0 | 4.9 |
| WNW | .3 | .1 | .3 | .2 | | .1 | .1 | | | | | 1.2 | 11.5 |
| NW | .4 | .6 | .1 | | | | | | | | | 1.2 | 4.1 |
| NNW | 1.4 | 2.5 | 1.2 | 1.7 | .1 | | | | | | | 6.9 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.4 | |
| | 25.1 | 18.3 | 23.5 | 21.0 | 5.3 | 1.3 | .4 | .1 | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

| 23270 | PRINCE GEORGE B C UNIT APT | 57-66 | DEC |
|---|---|---|---|
| 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 | 10.9 | 6.1 | 5.5 | 2.7 | .9 | .3 | | | | | | 25.5 | 6.2 |
| NNE | 1.7 | .5 | .1 | .2 | .1 | | | | | | | 2.7 | 4.7 |
| NE | 2.3 | .2 | | | | | | | | | | 2.5 | 2.2 |
| ENE | .8 | | .1 | | | | | | | | | .9 | 3.3 |
| E | 1.0 | .3 | | | | | | | | | | 1.3 | 2.4 |
| ESE | | | | | | | | | | | | | |
| SE | .9 | .6 | .3 | | | | | | | | | 1.7 | 3.9 |
| SSE | 2.2 | 1.6 | 1.9 | .4 | .2 | | | | | | | 6.3 | 6.0 |
| S | 0.1 | 5.5 | 9.5 | 7.2 | 2.7 | .8 | | | | | | 31.7 | 9.0 |
| SSW | 1.3 | 1.2 | 1.7 | .8 | .5 | .1 | | | | | | 5.6 | 6.6 |
| SW | .9 | .3 | | .1 | | | | | | | | 1.1 | 4.9 |
| WSW | .4 | .3 | .3 | | | | | | | | | 1.1 | 5.2 |
| W | 1.0 | .8 | .8 | .1 | .1 | | | | | | | 2.7 | 5.5 |
| WNW | .4 | .3 | .1 | .9 | | | | | | | | 1.7 | 8.9 |
| NW | 1.0 | .1 | | | .1 | | | | | | | 1.2 | 4.0 |
| NNW | 2.7 | 1.4 | 2.0 | .9 | .2 | | | | | | | 7.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.2 | |
| | 32.8 | 19.4 | 22.4 | 13.2 | 4.8 | 1.2 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 930

USAFETAC FORM JUL 64 0-8-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

25206 STATION | PRINCE GEORGE B C CUT APT STATION NAME | 57-66 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 | 9.0 | 6.3 | 6.3 | 2.6 | .5 | .1 | | | | | | 25.5 | 6.2 |
| NNE | .9 | .4 | .1 | | | | | | | | | 1.4 | 3.4 |
| NE | 1.0 | | | | | | | | | | | 1.0 | 1.8 |
| ENE | .3 | | | | | | | | | | | .3 | 1.7 |
| E | 1.7 | | .1 | | | | | | | | | 1.8 | 2.5 |
| ESE | .3 | | | | | | | | | | | .3 | 2.3 |
| SE | .7 | .8 | .2 | .1 | | | | | | | | 2.8 | 4.1 |
| SSE | 2.4 | 1.4 | 1.7 | .1 | .2 | .1 | | | | | | 5.9 | 5.8 |
| S | 9.2 | 5.6 | 9.2 | 7.4 | 2.3 | 1.0 | .4 | | | | | 35.1 | 8.9 |
| SSW | .6 | .8 | 1.1 | 1.8 | .9 | | | | | | | 4.4 | 9.8 |
| SW | .9 | .3 | .9 | .1 | | | | | | | | 2.2 | 5.7 |
| WSW | .1 | .1 | | .2 | | | | | | | | .4 | 7.8 |
| W | .6 | .3 | .4 | .4 | | | | | | | | 1.8 | 6.3 |
| WNW | .3 | .2 | | .2 | | | | | | | | 1.0 | 5.6 |
| NW | .2 | .2 | .3 | | | | | | | | | 1.7 | 3.3 |
| NNW | 2.2 | .6 | .8 | 1.4 | .6 | | | | | | | 5.6 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.7 | |
| | 34.1 | 17.1 | 21.2 | 13.9 | 4.3 | 1.8 | .4 | | | | | 100.0 | 6.6 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

252 6 — STATION
PRINCE GEORGE A G CUT APT — STATION NAME
57-66 — YEARS
DEC — MONTH
ALL WEATHER — CLASS
2100-2300 — HOURS (L.S.T.)
CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 7.6 | 6.5 | 4.7 | 2.8 | .3 | | | | | | | 21.9 | 5.0 |
| NNE | 2.3 | .1 | .1 | .1 | | | | | | | | 2.6 | 2.9 |
| NE | 1.8 | | .1 | | | | | | | | | 1.9 | 2.2 |
| ENE | .1 | .1 | .1 | | | | | | | | | .3 | 5.0 |
| E | .2 | | .1 | | | | | | | | | .3 | 3.5 |
| ESE | .2 | | | | | | | | | | | .2 | 1.5 |
| SE | 1.2 | .3 | | | | | | | | | | 1.5 | 2.5 |
| SSE | 2.3 | 1.5 | 2.0 | .2 | .2 | | | | | | | 6.2 | 5.8 |
| S | 7.3 | 5.7 | 8.5 | 8.5 | 3.2 | 2.3 | .3 | | | | | 36.2 | 10.0 |
| SSW | 1.1 | 1.3 | 1.3 | 1.2 | .2 | | | | | | | 5.1 | 8.0 |
| SW | 1.3 | .3 | .8 | .1 | | | | | | | | 2.7 | 4.7 |
| WSW | .1 | .2 | .3 | | | | | | | | | .6 | 6.2 |
| W | 1.2 | .3 | .4 | .2 | | | | | | | | 2.4 | 4.8 |
| WNW | .2 | .2 | .1 | .1 | | | | | | | | .6 | 7.0 |
| NW | .3 | | .2 | | | | | | | | | .8 | 3.6 |
| NNW | 1.3 | .3 | 1.9 | 2.3 | .2 | | | | | | | 6.3 | 9.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.0 | |
| | 30.4 | 17.1 | 20.8 | 15.7 | 4.2 | 2.3 | .3 | | | | | 100.0 | 6.9 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
ETAC/USAF
2 WIR EAT REPORTING/FAC

# SURFACE WINDS

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

632 A (STATION) PRINCE GEORGE B C DOT APT (STATION NAME) 51-66 (YEARS) ALL (MONTH)

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

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

AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 9.7 | 6.9 | 6.9 | 3.8 | .8 | .2 | .1 | | | | | 28.3 | 6.5 |
| NNE | 1.4 | .7 | .3 | .4 | .1 | .1 | | | | | | 2.9 | 5.5 |
| NE | 1.9 | .3 | .1 | .1 | .0 | | | | | | | 2.3 | 2.9 |
| ENE | .4 | .1 | .0 | | | | | | | | | .6 | 3.1 |
| E | 1.2 | .1 | | .0 | | | | | | | | 1.2 | 2.2 |
| ESE | .4 | .0 | .0 | .0 | | | | | | | | .5 | 2.9 |
| SE | 1.6 | .5 | .1 | .0 | | | | | | | | 2.4 | 2.9 |
| SSE | 2.1 | 1.0 | .8 | .4 | .1 | .0 | | | | | | 4.4 | 5.3 |
| S | 7.6 | 3.2 | 5.2 | 6.7 | 1.0 | .3 | .0 | | | | | 24.2 | 8.4 |
| SSW | 1.2 | .7 | .8 | .7 | .2 | .1 | | | | | | 3.7 | 7.5 |
| SW | 1.4 | .5 | .4 | .1 | | | | | | | | 2.5 | 4.4 |
| WSW | .8 | .3 | .3 | .1 | .0 | | | | | | | 1.3 | 5.1 |
| W | 1.2 | .6 | .6 | .2 | .0 | .0 | | | | | | 2.9 | 5.2 |
| WNW | .2 | .3 | .5 | .2 | .6 | .0 | | | | | | 1.6 | 6.5 |
| NW | 1.6 | .8 | .8 | .2 | .1 | .0 | | | | | | 3.5 | 5.3 |
| NNW | 2.1 | 1.4 | 2.1 | 1.9 | .5 | .0 | .0 | | | | | 8.0 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 34.7 | 17.4 | 19.0 | 14.8 | 3.5 | .7 | .1 | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 7693

[illegible]
[illegible]
[illegible]
ASHEVILLE, NORTH CAROLINA

# PART D CEILING VERSUS VISIBILITY

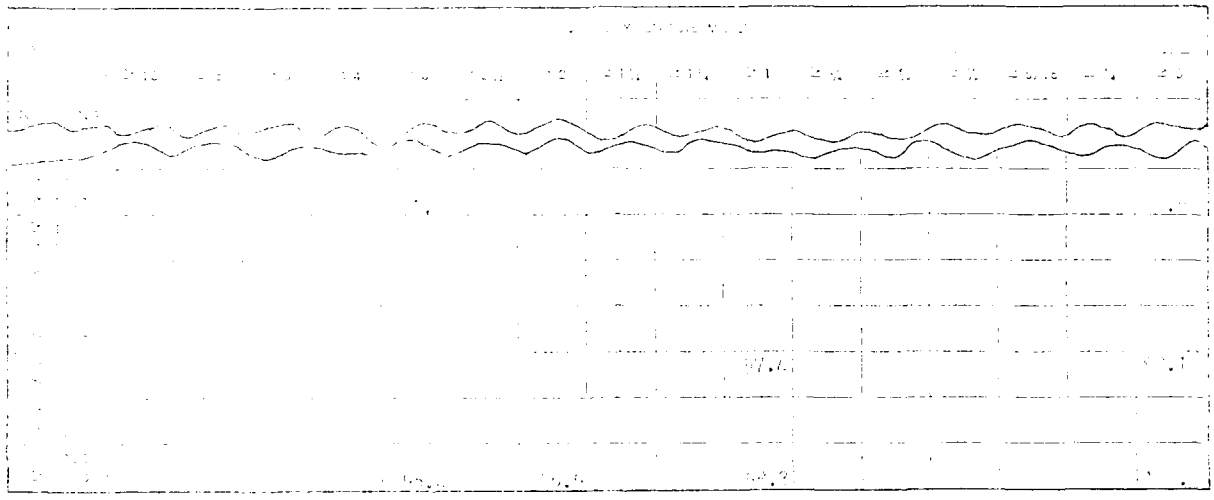
[illegible] percentage frequency of occurrence of sky cover [illegible] by classes of ceiling from zero to equal to or [illegible] height of the lowest [illegible] ceiling", versus visibility in 15 classes from zero to [illegible] or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. [illegible] - [illegible] and all hours combined
2. [illegible] - all years and all hours combined
3. [illegible] - by standard [illegible] groups

[illegible] 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. This is done by [illegible] the right and downward. Ceiling may be determined directly by reference to the table in the [illegible] column. Also, visibility may be determined [illegible] directly by reference to the horizontal row of [illegible] at the bottom of the page. The percentage frequency for which the station was [illegible] having 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. [illegible] Army and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1, [illegible]. The period of record from data for these stations using the earlier period and data subsequent to January 1 only will be [illegible] to limit ceilings to 10,000 feet. Short periods of record prior to 1945 for these stations will be eliminated from the summary. For Air Force stations, the "No ceiling" category includes clear and unrestricted conditions, and ceilings above 20,000 feet for period through June 1948. [illegible] already [illegible] for Air Force stations and January 1, 1949 for U. S. Army stations and U. S. Navy stations the "No ceiling" data, by [illegible] 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.

[illegible] OF CEILING VERSUS VISIBILITY TABLES IN THIS CHAPTER



[illegible] ... visibility under column at right headed ≥ 0.
[illegible] ... from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 900 feet = 96.1%.

[illegible] ... flight on bottom line opposite ≥ 0. From the table:
[illegible] ... = ...%.
[illegible] ... ≥ ... = ...%.
[illegible] ... ≥ ... = ...%.

[illegible] ... visibility, read figure at intersection of the
[illegible] ...; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

## ADDITIONAL EXAMPLES

EXAMPLE # 4 [illegible] 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 93.0, from 100.0. The result, 7.0 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 obtain the percentage of cases which fulfill within the [illegible] given in example [illegible], subtract the value read from the table for the first set of limits from the value to be read 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 91.7 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 5.7. Thus, 5.7 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility ≥ 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

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

DATA PROCESSING DIVISION
SAP ETA
AIR FORCE SERVICE WEATHER

# CEILING VERSUS VISIBILITY

57-66

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 7.3 | 28.1 | 30.2 | 32.6 | 36.2 | 41.3 | 58.1 | 38.7 | 39.6 | 35.2 | 28.3 | 34.0 | 37.1 | 39.4 | 39.4 | 39.5 |
| ≥ 20000 | 41.9 | 42.1 | 42.2 | 42.4 | 42.3 | 42.5 | 42.6 | 42.6 | 42.6 | 42.8 | 42.9 | 42.9 | 43.2 | 43.2 | 43.4 | 43.5 |
| ≥ 18000 | 42.0 | 42.4 | 42.5 | 42.6 | 42.7 | 42.7 | 42.8 | 42.7 | 42.9 | 43.0 | 43.2 | 43.2 | 43.4 | 43.5 | 43.6 | 43.6 |
| ≥ 16000 | 42.7 | 43.1 | 43.2 | 43.3 | 43.4 | 43.4 | 43.2 | 44.0 | 43.6 | 43.7 | 43.7 | 43.8 | 44.1 | 44.2 | 44.4 | 44.5 |
| ≥ 14000 | 44.7 | 45.1 | 45.1 | 45.3 | 45.4 | 45.4 | 45.5 | 45.7 | 45.6 | 45.7 | 45.8 | 45.9 | 46.1 | 46.2 | 46.3 | 46.5 |
| ≥ 12000 | 47.8 | 48.1 | 48.2 | 48.4 | 48.5 | 48.5 | 48.6 | 48.7 | 48.7 | 48.9 | 49.0 | 49.0 | 49.2 | 49.3 | 49.3 | 49.4 |
| ≥ 10000 | 52.4 | 52.7 | 52.9 | 53.1 | 53.3 | 53.2 | 53.3 | 53.3 | 53.3 | 53.5 | 53.6 | 53.7 | 53.9 | 53.9 | 54.0 | 54.2 |
| ≥ 9000 | 56.0 | 56.3 | 56.2 | 56.4 | 56.5 | 56.5 | 56.6 | 56.7 | 56.7 | 56.8 | 57.0 | 57.0 | 57.2 | 57.3 | 57.5 | 57.7 |
| ≥ 8000 | 59.2 | 59.7 | 59.8 | 60.0 | 60.1 | 60.1 | 60.3 | 60.3 | 60.3 | 60.5 | 60.7 | 60.7 | 60.9 | 61.0 | 61.2 | 61.4 |
| ≥ 7000 | 64.0 | 64.3 | 64.3 | 64.7 | 64.8 | 64.8 | 65.0 | 65.0 | 65.1 | 65.2 | 65.4 | 65.4 | 65.7 | 65.8 | 65.9 | 66.2 |
| ≥ 6000 | 67.1 | 67.7 | 67.9 | 68.1 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.7 | 68.9 | 68.9 | 69.2 | 69.3 | 69.4 | 69.7 |
| ≥ 5000 | 73.0 | 73.4 | 73.6 | 73.8 | 74.0 | 74.0 | 74.2 | 74.3 | 74.3 | 74.5 | 74.6 | 74.7 | 74.9 | 75.0 | 75.2 | 75.4 |
| ≥ 4500 | 75.5 | 76.1 | 76.3 | 76.5 | 77.1 | 77.1 | 77.3 | 77.4 | 77.4 | 77.5 | 77.7 | 77.8 | 78.0 | 78.1 | 78.3 | 78.4 |
| ≥ 4000 | 78.7 | 79.2 | 79.4 | 80.1 | 80.4 | 80.7 | 80.9 | 81.0 | 81.0 | 81.2 | 81.4 | 81.4 | 81.7 | 81.8 | 82.0 | 82.1 |
| ≥ 3500 | 80.3 | 81.0 | 81.2 | 81.9 | 82.3 | 82.7 | 82.9 | 83.0 | 83.0 | 83.2 | 83.4 | 83.5 | 83.7 | 83.8 | 84.0 | 84.2 |
| ≥ 3000 | 81.9 | 82.6 | 82.8 | 83.6 | 84.3 | 84.7 | 84.8 | 85.0 | 85.2 | 85.4 | 85.6 | 85.7 | 85.9 | 86.0 | 86.2 | 86.3 |
| ≥ 2500 | 85.3 | 86.0 | 86.3 | 87.2 | 87.9 | 88.4 | 88.5 | 88.6 | 88.7 | 88.9 | 89.1 | 89.2 | 89.4 | 89.5 | 89.7 | 89.8 |
| ≥ 2000 | 88.1 | 88.8 | 89.0 | 89.8 | 90.4 | 90.8 | 90.9 | 91.0 | 91.1 | 91.3 | 91.5 | 91.6 | 91.8 | 91.9 | 92.1 | 92.2 |
| ≥ 1800 | 89.4 | 90.1 | 90.3 | 91.1 | 91.7 | 92.1 | 92.3 | 92.4 | 92.5 | 92.7 | 92.9 | 93.0 | 93.2 | 93.3 | 93.5 | 93.6 |
| ≥ 1500 | 90.5 | 91.4 | 91.6 | 92.4 | 93.0 | 93.5 | 93.6 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 | 94.6 | 94.7 | 94.9 | 95.0 |
| ≥ 1200 | 92.7 | 93.6 | 93.8 | 94.6 | 95.2 | 95.7 | 95.8 | 96.0 | 96.1 | 96.3 | 96.5 | 96.6 | 96.8 | 96.9 | 97.1 | 97.2 |
| ≥ 1000 | 93.6 | 94.5 | 94.7 | 95.5 | 96.1 | 96.6 | 96.7 | 96.9 | 97.0 | 97.2 | 97.4 | 97.5 | 97.7 | 97.8 | 98.0 | 98.1 |
| ≥ 900 | 94.1 | 95.1 | 95.3 | 96.1 | 96.7 | 97.2 | 97.3 | 97.5 | 97.6 | 97.8 | 98.0 | 98.1 | 98.3 | 98.4 | 98.6 | 98.7 |
| ≥ 800 | 94.8 | 95.8 | 96.0 | 96.8 | 97.4 | 97.9 | 98.0 | 98.2 | 98.3 | 98.5 | 98.7 | 98.8 | 99.0 | 99.1 | 99.3 | 99.4 |
| ≥ 700 | 95.4 | 96.5 | 96.7 | 97.5 | 98.1 | 98.6 | 98.7 | 98.9 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 100.0 |
| ≥ 600 | 95.9 | 97.0 | 97.2 | 98.0 | 98.6 | 99.1 | 99.2 | 99.4 | 99.5 | 99.7 | 99.9 | 100.0 | | | | |
| ≥ 500 | 96.6 | 97.8 | 98.0 | 98.8 | 99.4 | 99.9 | 100.0 | | | | | | | | | |
| ≥ 400 | 96.7 | 97.9 | 98.1 | 98.9 | 99.5 | 100.0 | | | | | | | | | | |
| ≥ 300 | 96.7 | 97.9 | 98.2 | 99.0 | 99.6 | 100.0 | | | | | | | | | | |
| ≥ 200 | 96.8 | 98.0 | 98.3 | 99.1 | 99.7 | 100.0 | | | | | | | | | | |
| ≥ 100 | 96.8 | 98.0 | 98.3 | 99.1 | 99.7 | 100.0 | | | | | | | | | | |
| ≥ 0 | 96.8 | 98.0 | 98.4 | 99.2 | 99.8 | 100.0 | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS 87465

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# CEILING VERSUS VISIBILITY

57-59

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 | |
| NO CEILING | 26.0 | 27.4 | 27.5 | 28.1 | 28.1 | 28.1 | 28.5 | 28.8 | 29.3 | 29.3 | 29.5 | 29.7 | 29.7 | 29.8 | 29.8 |
| ≥ 20000 | 29.4 | 29.2 | 29.3 | 29.5 | 29.5 | 29.5 | 30.1 | 30.1 | 30.1 | 30.1 | 30.3 | 30.4 | 30.5 | 30.6 | 30.6 |
| ≥ 18000 | 30.5 | 30.5 | 30.9 | 31.1 | 31.2 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.6 | 31.6 | 31.7 | 31.7 | 31.7 |
| ≥ 16000 | 31.2 | 31.1 | 31.3 | 31.7 | 31.8 | 31.9 | 32.0 | 32.0 | 32.0 | 32.0 | 32.2 | 32.2 | 32.4 | 32.5 | 32.5 |
| ≥ 14000 | 32.9 | 33.1 | 33.3 | 33.5 | 33.6 | 33.7 | 34.0 | 34.2 | 34.2 | 34.2 | 34.3 | 34.3 | 34.2 | 34.3 | 34.3 |
| ≥ 12000 | 34.8 | 34.9 | 35.3 | 35.5 | 35.6 | 35.6 | 35.8 | 35.9 | 35.9 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.4 |
| ≥ 10000 | 37.0 | 37.1 | 37.5 | 37.7 | 38.0 | 38.0 | 38.1 | 38.1 | 38.1 | 38.1 | 38.3 | 38.4 | 38.5 | 38.6 | 38.7 |
| ≥ 9000 | 39.1 | 39.2 | 41.3 | 41.5 | 41.6 | 41.7 | 41.8 | 41.9 | 41.9 | 41.9 | 42.1 | 42.2 | 42.3 | 42.4 | 42.5 |
| ≥ 8000 | 44.5 | 44.5 | 45.3 | 45.7 | 45.8 | 45.9 | 46.1 | 46.2 | 46.2 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.7 |
| ≥ 7000 | 47.5 | 47.1 | 49.7 | 50.1 | 50.2 | 50.3 | 50.5 | 50.6 | 50.6 | 50.6 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 |
| ≥ 6000 | 49.8 | 51.5 | 52.1 | 52.6 | 52.7 | 52.9 | 53.1 | 53.2 | 53.2 | 53.2 | 53.3 | 53.4 | 53.5 | 53.7 | 53.8 |
| ≥ 5000 | 54.1 | 55.1 | 56.6 | 57.2 | 57.4 | 57.5 | 57.6 | 57.7 | 57.9 | 57.9 | 58.1 | 58.1 | 58.2 | 58.4 | 58.5 |
| ≥ 4500 | 59.0 | 59.4 | 59.5 | 60.1 | 60.4 | 60.5 | 60.8 | 60.9 | 60.9 | 60.9 | 61.1 | 61.1 | 61.3 | 61.5 | 61.6 |
| ≥ 4000 | 59.4 | 62.0 | 62.8 | 63.6 | 64.1 | 64.2 | 64.6 | 64.7 | 64.7 | 64.8 | 64.9 | 65.0 | 65.1 | 65.3 | 65.4 |
| ≥ 3500 | 61.0 | 63.9 | 64.9 | 65.7 | 66.4 | 66.6 | 67.0 | 67.1 | 67.2 | 67.2 | 67.4 | 67.5 | 67.6 | 67.7 | 67.8 |
| ≥ 3000 | 66.0 | 66.2 | 67.2 | 68.3 | 69.3 | 69.7 | 70.2 | 70.4 | 70.5 | 70.5 | 70.7 | 70.7 | 70.9 | 71.0 | 71.1 |
| ≥ 2500 | 68.4 | 68.8 | 69.6 | 70.9 | 72.0 | 72.5 | 73.2 | 73.4 | 73.5 | 73.6 | 73.8 | 73.9 | 74.0 | 74.1 | 74.2 |
| ≥ 2000 | 70.8 | 71.3 | 71.7 | 73.2 | 74.6 | 75.2 | 76.3 | 76.7 | 77.0 | 77.3 | 77.5 | 77.6 | 77.7 | 77.9 | 78.0 |
| ≥ 1800 | 76.3 | 77.1 | 77.6 | 79.2 | 75.6 | 76.2 | 77.5 | 78.2 | 78.5 | 78.8 | 79.1 | 79.2 | 79.3 | 79.5 | 79.6 |
| ≥ 1500 | 77.0 | 77.9 | 78.5 | 79.1 | 75.9 | 77.5 | 79.0 | 80.1 | 80.6 | 81.3 | 81.6 | 81.6 | 81.8 | 82.0 | 82.1 |
| ≥ 1200 | 78.2 | 78.6 | 79.3 | 80.2 | 79.1 | 79.9 | 81.6 | 83.0 | 83.8 | 85.0 | 85.5 | 85.6 | 85.8 | 86.0 | 86.1 |
| ≥ 1000 | 86.9 | 87.0 | 87.4 | 88.3 | 81.1 | 82.9 | 84.4 | 85.2 | 87.0 | 87.9 | 88.1 | 88.2 | 88.4 | 88.5 | 88.7 |
| ≥ 900 | 89.2 | 89.1 | 89.4 | 90.3 | 81.7 | 83.6 | 85.1 | 86.0 | 88.2 | 89.3 | 89.4 | 89.6 | 89.8 | 89.9 | 90.1 |
| ≥ 800 | 89.4 | 89.5 | 89.8 | 90.7 | 82.2 | 84.1 | 85.7 | 86.5 | 88.8 | 90.3 | 90.4 | 90.7 | 90.8 | 91.0 | 91.2 |
| ≥ 700 | 89.7 | 89.9 | 90.2 | 91.1 | 82.2 | 84.0 | 85.6 | 86.6 | 87.4 | 89.8 | 91.4 | 91.7 | 92.0 | 92.1 | 92.3 |
| ≥ 600 | 90.0 | 90.2 | 90.5 | 91.4 | 83.1 | 84.9 | 86.5 | 87.6 | 88.4 | 90.8 | 92.6 | 92.9 | 93.2 | 93.4 | 93.5 |
| ≥ 500 | 90.1 | 90.3 | 90.6 | 91.5 | 83.8 | 85.7 | 87.3 | 88.4 | 89.3 | 91.7 | 93.5 | 93.8 | 94.3 | 94.5 | 94.6 |
| ≥ 400 | 90.5 | 90.7 | 91.0 | 91.9 | 84.9 | 86.8 | 88.4 | 89.5 | 90.4 | 92.9 | 94.7 | 95.1 | 95.7 | 95.9 | 96.1 |
| ≥ 300 | 90.6 | 90.8 | 91.1 | 92.0 | 85.3 | 87.2 | 88.8 | 89.9 | 91.1 | 93.5 | 95.5 | 95.9 | 96.5 | 96.8 | 97.0 |
| ≥ 200 | 90.7 | 90.9 | 91.2 | 92.2 | 85.7 | 87.7 | 89.3 | 90.3 | 91.7 | 94.2 | 96.3 | 96.6 | 97.3 | 97.6 | 98.0 |
| ≥ 100 | 90.7 | 90.9 | 91.2 | 92.3 | 85.9 | 88.0 | 89.6 | 90.6 | 92.1 | 94.7 | 96.8 | 97.1 | 97.9 | 98.2 | 98.9 |
| ≥ 0 | 90.7 | 90.9 | 91.2 | 92.3 | 85.9 | 88.0 | 89.6 | 90.8 | 92.1 | 94.8 | 96.9 | 97.3 | 98.1 | 98.3 | 99.1 |

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL 1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | ≥0 |
| NO CEILING | 36.5 | 39.0 | 36.1 | 36.3 | 36.5 | 36.5 | 36.7 | 36. | 36.8 | 37.0 | 37.1 | 37.2 | 37.4 | 37.4 | 37.7 | 37.8 |
| ≥ 20000 | 39.0 | 39.5 | 39.9 | 39.8 | 40.0 | 40.1 | 40.2 | 40.4 | 40.4 | 40.5 | 40.6 | 40.7 | 40.9 | 41.0 | 41.2 | 41.3 |
| ≥ 18000 | 39.3 | 39.8 | 40.3 | 40.1 | 40.3 | 40.4 | 40.5 | 40.7 | 40.7 | 40.8 | 41.0 | 41.1 | 41.2 | 41.3 | 41.5 | 41.7 |
| ≥ 16000 | 39.6 | 40.0 | 40.4 | 40.3 | 40.5 | 40.6 | 41.0 | 41.1 | 41.1 | 41.3 | 41.4 | 41.5 | 41.7 | 41.7 | 42. | 42.1 |
| ≥ 14000 | 43.6 | 42.7 | 42.9 | 42.7 | 42. | 42.8 | 43. | 43.1 | 43.1 | 43.3 | 43.4 | 43.5 | 43.7 | 43.7 | 44. | 44.1 |
| ≥ 12000 | 44.4 | 45.1 | 45.2 | 45.1 | 45.1 | 45.0 | 45.1 | 45.3 | 45.3 | 45.9 | 46.1 | 46.2 | 46.3 | 46.3 | 46. | 46.1 |
| ≥ 10000 | 48.3 | 49.1 | 49.2 | 49.1 | 49.3 | 49.5 | 49.6 | 49.7 | 49.9 | 50.1 | 50.3 | 50.3 | 50.5 | 50.6 | 50.7 | 51.1 |
| ≥ 9000 | 51.2 | 51.9 | 52.1 | 52.0 | 52.3 | 52.5 | 52.6 | 52.7 | 52.9 | 53.0 | 53.2 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 |
| ≥ 8000 | 55.1 | 55.5 | 55.9 | 56.2 | 56.5 | 56.5 | 56.7 | 56.7 | 56.9 | 57.1 | 57.2 | 57.3 | 57.5 | 57.6 | 57.9 | 58.0 |
| ≥ 7000 | 60.1 | 61.0 | 61.2 | 61.4 | 61.7 | 61.7 | 62.0 | 62.1 | 62.1 | 62.3 | 62.5 | 62.5 | 62.6 | 62.9 | 63.0 | 63.3 |
| ≥ 6000 | 62.1 | 63.1 | 63.3 | 63.6 | 63.9 | 63.9 | 64.1 | 64.3 | 64.3 | 64.5 | 64.6 | 64.7 | 65.0 | 65.0 | 65.2 | 65.5 |
| ≥ 5000 | 67.0 | 68.2 | 68.5 | 68.8 | 69.1 | 69.2 | 69.4 | 69.6 | 69.7 | 69.8 | 70.0 | 70.1 | 70.4 | 70.4 | 70.6 | 70.9 |
| ≥ 4500 | 70.7 | 71.2 | 71.5 | 71.9 | 72.2 | 72.3 | 72.5 | 72.6 | 72.8 | 73.0 | 73.2 | 73.3 | 73.5 | 73.6 | 73.8 | 74.1 |
| ≥ 4000 | 72.7 | 74.5 | 74.9 | 75.3 | 75.9 | 76.2 | 76.3 | 76.5 | 76.5 | 76.7 | 76.9 | 77. | 77.3 | 77.3 | 77.7 | 77.9 |
| ≥ 3500 | 74.7 | 75.7 | 77.2 | 78.0 | 78.4 | 78.5 | 78.9 | 79.1 | 79.1 | 79.4 | 79.6 | 79.8 | 79.9 | [illegible] | [illegible] | 80.3 |
| ≥ 3000 | 76.3 | 78.7 | 79.2 | 80.2 | 80.7 | 80.9 | 81.3 | 81.5 | 81.6 | 81.9 | 82.1 | 82.2 | 82.4 | 82.5 | 82.8 | 83. |
| ≥ 2500 | 77.8 | 80.6 | 81.3 | 82.4 | 83.3 | 83.3 | 83.9 | 84.3 | 84.4 | 84.6 | 84.8 | 84.9 | 85.2 | 85.3 | 85.6 | 85.9 |
| ≥ 2000 | 78.8 | 82.0 | 82.8 | 84.1 | 84.9 | 85.3 | 86.1 | 86.4 | 87.0 | 87.3 | 87.5 | 87.6 | 87.9 | 88.0 | 88.3 | 88.6 |
| ≥ 1800 | 79.0 | 82.4 | 83.1 | 84.6 | 85.6 | 86.1 | 86.9 | 87.7 | 87.8 | 88.2 | 88.4 | 88.5 | 88.8 | 88.9 | 89.2 | 89.6 |
| ≥ 1500 | 79.3 | 83.2 | 84.0 | 85.4 | 86.6 | 86.9 | 88.2 | 89.2 | 89.4 | 90.1 | 90.4 | 90.5 | 90.8 | 90.9 | 91.2 | 91.4 |
| ≥ 1200 | 79.8 | 83.9 | 85.3 | 86.6 | 87.9 | 88.3 | 89.6 | 90.5 | 91.2 | 92.2 | 92.6 | 92.7 | 93.1 | 93.1 | 93.5 | 93.7 |
| ≥ 1000 | 79.9 | 84.2 | 85.4 | 87.2 | 88.4 | 88.8 | 90.2 | 91.3 | 91.9 | 93.2 | 93.8 | 94.0 | 94.3 | 94.4 | 94.8 | 95.1 |
| ≥ 900 | 80.0 | 84.4 | 85.7 | 87.4 | 88.6 | 89.2 | 90.6 | 91.7 | 92.3 | 93.6 | 94.5 | 94.8 | 95.1 | 95.2 | 95.5 | 95.7 |
| ≥ 800 | 80.2 | 84.7 | 86.1 | 87.8 | 89.3 | 89.7 | 91.2 | 92.3 | 92.9 | 94.4 | 95.4 | 95.6 | 96.0 | 96.0 | 96.3 | 96.6 |
| ≥ 700 | 80.2 | 84.8 | 86.2 | 88.1 | 89.3 | 89.9 | 91.4 | 92.6 | 93.2 | 94.8 | 95.8 | 96.0 | 96.4 | 96.5 | 96.9 | 97.1 |
| ≥ 600 | 80.2 | 84.9 | 86.3 | 88.2 | 89.7 | 90.1 | 91.6 | 93.0 | 93.4 | 95.1 | 96.1 | 96.4 | 96.8 | 96.9 | 97.3 | 97.4 |
| ≥ 500 | 80.2 | 85.0 | 86.4 | 88.4 | 89.9 | 90.3 | 91.9 | 93.2 | 93.7 | 95.3 | 96.5 | 96.9 | 97.4 | 97.4 | 97.8 | 97.9 |
| ≥ 400 | 80.2 | 85.1 | 86.5 | 88.5 | 90.1 | 90.6 | 92.2 | 93.5 | 93.9 | 95.7 | 96.9 | 97.3 | 97.8 | 97.8 | 98.3 | 98.4 |
| ≥ 300 | 80.3 | 85.1 | 86.5 | 88.6 | 90.2 | 90.7 | 92.3 | 93.7 | 94.1 | 95.9 | 97.1 | 97.5 | 98.0 | 98.1 | 98.5 | 98.6 |
| ≥ 200 | 80.3 | 85.2 | 86.6 | 88.7 | 90.3 | 90.9 | 92.6 | 94.0 | 94.4 | 96.3 | 97.5 | 97.9 | 98.3 | 98.4 | 99.1 | 99.3 |
| ≥ 100 | 80.3 | 85.2 | 86.7 | 88.7 | 90.4 | 90.9 | 92.6 | 94.1 | 94.5 | 96.4 | 97.6 | 98.0 | 98.6 | 98.7 | 99.3 | 99.5 |
| ≥ 0 | 80.3 | 85.2 | 86.7 | 88.8 | 90.4 | 90.9 | 92.7 | 94.1 | 94.5 | 96.4 | 97.7 | 98.1 | 98.7 | 98.8 | 99.4 | 100. |

TOTAL NUMBER OF OBSERVATIONS 67[illegible]

USAF ETAC 0 14-5/OL 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[redacted] 57-66
YEARS

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

ALL

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.6 | 43.1 | 43.1 | 43.2 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.7 | 43.8 | 43.9 | 44.1 | 44.1 | 44.4 | 44.5 |
| ≥ 20000 | 47.7 | 48.2 | 48.1 | 48.1 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.6 | 48.6 | 48.8 | 49.0 | 49.1 | 49.3 | 49.5 |
| ≥ 18000 | 47.9 | 48.2 | 48.3 | 48.3 | 48.5 | 48.5 | 48.6 | 48.6 | 48.6 | 48.8 | 48.9 | 49.0 | 49.2 | 49.3 | 49.5 | 49.7 |
| ≥ 16000 | 48.0 | 48.3 | 48.4 | 48.5 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 49.0 | 49.1 | 49.2 | 49.4 | 49.5 | 49.7 | 49.9 |
| ≥ 14000 | 50.5 | 50.8 | 50.9 | 51.0 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.4 | 51.5 | 51.6 | 51.8 | 51.9 | 52.2 | 52.3 |
| ≥ 12000 | 53.7 | 54.0 | 54.1 | 54.1 | 54.3 | 54.3 | 54.3 | 54.4 | 54.4 | 54.6 | 54.7 | 54.8 | 55.0 | 55.1 | 55.3 | 55.5 |
| ≥ 10000 | 57.6 | 57.9 | 58.0 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.6 | 58.7 | 58.8 | 59.0 | 59.1 | 59.3 | 59.5 |
| ≥ 9000 | 60.4 | 60.7 | 60.7 | 60.8 | 60.9 | 60.9 | 61.0 | 61.1 | 61.1 | 61.3 | 61.4 | 61.5 | 61.7 | 61.8 | 62.0 | 62.2 |
| ≥ 8000 | 63.2 | 63.5 | 63.6 | 63.7 | 63.8 | 63.9 | 64.0 | 64.0 | 64.0 | 64.3 | 64.4 | 64.5 | 64.7 | 64.8 | 65.0 | 65.2 |
| ≥ 7000 | 67.0 | 67.4 | 67.4 | 67.5 | 67.7 | 67.7 | 67.8 | 67.8 | 67.8 | 68.1 | 68.2 | 68.3 | 68.5 | 68.6 | 68.8 | 69.1 |
| ≥ 6000 | 70.3 | 70.6 | 70.7 | 70.8 | 71.0 | 71.0 | 71.1 | 71.1 | 71.1 | 71.4 | 71.5 | 71.6 | 71.8 | 71.9 | 72.2 | 72.4 |
| ≥ 5000 | 74.7 | 75.2 | 75.3 | 75.4 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 76.0 | 76.2 | 76.3 | 76.5 | 76.6 | 76.8 | 77.1 |
| ≥ 4500 | 77.5 | 78.1 | 78.1 | 78.3 | 78.5 | 78.5 | 78.6 | 78.7 | 78.7 | 79.0 | 79.1 | 79.2 | 79.4 | 79.5 | 79.7 | 80.0 |
| ≥ 4000 | 80.7 | 81.4 | 81.5 | 81.6 | 82.1 | 82.1 | 82.2 | 82.3 | 82.3 | 82.6 | 82.7 | 82.8 | 83.1 | 83.2 | 83.4 | 83.7 |
| ≥ 3500 | 82.4 | 83.3 | 83.5 | 83.6 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.7 | 84.8 | 84.9 | 85.2 | 85.3 | 85.5 | 85.7 |
| ≥ 3000 | 84.0 | 85.1 | 85.4 | 85.6 | 86.2 | 86.3 | 86.5 | 86.5 | 86.5 | 86.9 | 87.0 | 87.2 | 87.4 | 87.5 | 87.8 | 88.0 |
| ≥ 2500 | 85.3 | 86.8 | 87.2 | 87.7 | 88.2 | 88.2 | 88.5 | 88.6 | 88.6 | 89.0 | 89.1 | 89.2 | 89.5 | 89.6 | 89.8 | 90.1 |
| ≥ 2000 | 86.3 | 87.9 | 88.4 | 89.1 | 89.8 | 89.9 | 90.4 | 90.6 | 90.6 | 91.0 | 91.2 | 91.3 | 91.6 | 91.7 | 91.9 | 92.2 |
| ≥ 1800 | 86.4 | 88.1 | 88.6 | 89.4 | 90.1 | 90.3 | 90.9 | 91.1 | 91.1 | 91.6 | 91.8 | 91.9 | 92.2 | 92.3 | 92.5 | 92.7 |
| ≥ 1500 | 86.9 | 88.8 | 89.3 | 90.1 | 90.9 | 91.0 | 91.7 | 92.0 | 92.1 | 92.8 | 93.0 | 93.1 | 93.4 | 93.5 | 93.7 | 94.0 |
| ≥ 1200 | 87.2 | 89.2 | 89.8 | 90.6 | 91.4 | 91.6 | 92.4 | 92.9 | 93.0 | 94.0 | 94.4 | 94.5 | 94.8 | 94.9 | 95.1 | 95.3 |
| ≥ 1000 | 87.5 | 89.6 | 90.2 | 91.0 | 91.9 | 92.1 | 93.0 | 93.6 | 93.8 | 94.9 | 95.3 | 95.5 | 95.8 | 95.8 | 96.1 | 96.3 |
| ≥ 900 | 87.6 | 89.8 | 90.4 | 91.3 | 92.2 | 92.4 | 93.3 | 94.0 | 94.1 | 95.3 | 95.8 | 95.9 | 96.2 | 96.3 | 96.6 | 96.8 |
| ≥ 800 | 87.7 | 89.9 | 90.6 | 91.4 | 92.3 | 92.5 | 93.5 | 94.1 | 94.3 | 95.5 | 96.1 | 96.3 | 96.6 | 96.7 | 96.9 | 97.1 |
| ≥ 700 | 87.9 | 90.2 | 90.8 | 91.7 | 92.6 | 92.8 | 93.8 | 94.4 | 94.6 | 95.8 | 96.5 | 96.7 | 97.0 | 97.1 | 97.4 | 97.6 |
| ≥ 600 | 88.0 | 90.2 | 90.9 | 91.7 | 92.7 | 92.9 | 93.9 | 94.5 | 94.8 | 96.1 | 96.9 | 97.2 | 97.5 | 97.6 | 97.9 | 98.1 |
| ≥ 500 | 88.0 | 90.3 | 90.9 | 91.8 | 92.8 | 93.0 | 94.0 | 94.7 | 94.9 | 96.2 | 97.1 | 97.4 | 97.8 | 97.9 | 98.2 | 98.4 |
| ≥ 400 | 88.0 | 90.4 | 91.0 | 91.9 | 92.9 | 93.1 | 94.1 | 94.9 | 95.1 | 96.4 | 97.3 | 97.6 | 98.1 | 98.2 | 98.5 | 98.7 |
| ≥ 300 | 88.0 | 90.4 | 91.1 | 92.0 | 93.0 | 93.3 | 94.3 | 95.0 | 95.2 | 96.5 | 97.5 | 97.7 | 98.3 | 98.4 | 98.7 | 99.0 |
| ≥ 200 | 88.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 96.7 | 97.6 | 97.9 | 98.5 | 98.7 | 99.1 | 99.4 |
| ≥ 100 | 88.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 96.7 | 97.7 | 98.0 | 98.7 | 98.9 | 99.3 | 99.7 |
| ≥ 0 | 88.0 | 90.4 | 91.1 | 92.1 | 93.1 | 93.4 | 94.4 | 95.1 | 95.3 | 96.7 | 97.7 | 98.0 | 98.7 | 98.9 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

57-66
YEARS

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.9 | 43.9 | 43.9 | 43.9 | 43.9 | 44.0 | 44.0 | 44.0 |
| ≥ 20000 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 18000 | 49.0 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 16000 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 |
| ≥ 14000 | 51.5 | 51.5 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.8 |
| ≥ 12000 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 |
| ≥ 10000 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 |
| ≥ 9000 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 |
| ≥ 8000 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 |
| ≥ 7000 | 70.3 | 70.4 | 70.4 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 |
| ≥ 6000 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 5000 | 81.5 | 81.6 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 |
| ≥ 4500 | 84.6 | 84.8 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | 87.8 | 88.0 | 88.1 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 3500 | 89.3 | 89.8 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 3000 | 91.1 | 91.7 | 91.9 | 92.0 | 92.1 | 92.2 | 92.4 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2500 | 92.0 | 92.5 | 92.9 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 2000 | 93.7 | 93.5 | 93.9 | 94.2 | 94.3 | 94.4 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | 92.9 | 93.8 | 94.2 | 94.5 | 94.7 | 94.8 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 93.6 | 94.6 | 95.0 | 95.5 | 95.7 | 95.7 | 95.9 | 96.0 | 96.0 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 94.2 | 95.3 | 95.8 | 96.3 | 96.6 | 96.6 | 96.9 | 97.0 | 97.0 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 1000 | 94.3 | 95.7 | 96.2 | 96.8 | 97.1 | 97.2 | 97.5 | 97.7 | 97.7 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 900 | 94.4 | 95.9 | 96.4 | 97.0 | 97.4 | 97.4 | 97.6 | 98.0 | 98.0 | 98.2 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 94.5 | 95.9 | 96.5 | 97.2 | 97.5 | 97.6 | 98.0 | 98.2 | 98.2 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 94.5 | 95.9 | 96.6 | 97.3 | 97.6 | 97.7 | 98.1 | 98.3 | 98.3 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 94.6 | 96.1 | 96.7 | 97.4 | 97.8 | 97.8 | 98.3 | 98.5 | 98.5 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 94.6 | 96.2 | 96.8 | 97.5 | 97.8 | 97.9 | 98.4 | 98.6 | 98.6 | 98.9 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 94.6 | 96.3 | 96.8 | 97.6 | 97.9 | 98.0 | 98.4 | 98.7 | 98.7 | 99.0 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 94.6 | 96.2 | 96.9 | 97.6 | 98.0 | 98.1 | 98.6 | 98.8 | 98.8 | 99.1 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 94.6 | 96.4 | 96.9 | 97.7 | 98.0 | 98.1 | 98.6 | 98.9 | 98.9 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 94.6 | 96.2 | 96.9 | 97.7 | 98.1 | 98.1 | 98.7 | 98.9 | 98.9 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 94.6 | 96.2 | 96.9 | 97.7 | 98.1 | 98.1 | 98.7 | 98.9 | 98.9 | 99.3 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-65 YEARS MAY MONTH

ALL HOURS

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 44.5 | 44.6 | 44.6 | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.8 | 44.8 | 44.8 | 44.9 | 44.9 | 44.9 | 45.0 |
| ≥ 20000 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.2 |
| ≥ 18000 | 49.8 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.2 | 50.3 | 50.3 | 50.3 |
| ≥ 16000 | 50.6 | 50.7 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.2 |
| ≥ 14000 | 52.4 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.9 |
| ≥ 12000 | 54.9 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 10000 | 58.8 | 58.9 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.3 | 59.4 |
| ≥ 9000 | 62.1 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.5 | 62.6 | 62.6 | 62.6 | 62.7 |
| ≥ 8000 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.4 | 65.4 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 |
| ≥ 7000 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 |
| ≥ 6000 | 74.1 | 74.3 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.8 |
| ≥ 5000 | 81.4 | 81.6 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.2 | 82.3 |
| ≥ 4500 | 84.6 | 84.6 | 84.7 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.1 | 85.2 | 85.2 | 85.3 |
| ≥ 4000 | 87.4 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.4 | 88.4 | 88.4 | 88.5 |
| ≥ 3500 | 89.2 | 89.8 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 |
| ≥ 3000 | 90.7 | 91.8 | 91.9 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.1 | 92.2 |
| ≥ 2500 | 91.9 | 92.8 | 93.0 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.5 | 93.6 | 93.6 | 93.7 | 93.8 |
| ≥ 2000 | 92.6 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.6 | 94.7 | 94.7 | 94.8 |
| ≥ 1800 | 93.1 | 94.2 | 94.5 | 94.6 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 |
| ≥ 1500 | 93.6 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 |
| ≥ 1200 | 94.2 | 95.7 | 96.1 | 96.3 | 96.5 | 96.5 | 96.6 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 | 97.2 |
| ≥ 1000 | 94.5 | 96.0 | 96.5 | 96.7 | 96.9 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 900 | 94.8 | 96.3 | 96.8 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 800 | 94.8 | 96.6 | 97.1 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 700 | 94.8 | 96.4 | 97.1 | 97.6 | 97.8 | 97.8 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 |
| ≥ 600 | 94.9 | 97.0 | 97.6 | 97.9 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 |
| ≥ 500 | 95.0 | 97.1 | 97.7 | 98.0 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.4 |
| ≥ 400 | 95.0 | 97.2 | 97.7 | 98.1 | 98.4 | 98.5 | 98.6 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 95.0 | 97.2 | 97.8 | 98.2 | 98.5 | 98.5 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 200 | 95.0 | 97.2 | 97.8 | 98.2 | 98.5 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 |
| ≥ 100 | 95.0 | 97.2 | 97.8 | 98.2 | 98.6 | 98.6 | 98.8 | 99.0 | 99.0 | 99.2 | 99.3 | 99.4 | 99.6 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 95.0 | 97.2 | 97.8 | 98.2 | 98.6 | 98.6 | 98.8 | 99.0 | 99.0 | 99.2 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7443

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

452 0 STATION PRINCE GEORGE [illegible] STATION NAME APT 57-66 YEARS

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 42.4 | 43.0 | 43.0 | 43.0 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.1 | 43.2 | 43.2 | 43.2 | 43.3 | 43.3 | 43.4 |
| ≥ 20000 | 48.4 | 48.4 | 48.4 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.8 |
| ≥ 18000 | 48.6 | 48.6 | 48.7 | 48.7 | 48.7 | 48.7 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 49.0 | 49.0 |
| ≥ 16000 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.7 | 49.7 | 49.8 | 49.8 |
| ≥ 14000 | 51.1 | 51.2 | 51.2 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 | 51.6 | 51.6 |
| ≥ 12000 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.6 | 54.7 | 54.8 | 54.8 |
| ≥ 10000 | 59.9 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.3 | 60.3 | 60.4 | 60.5 |
| ≥ 9000 | 64.6 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 65.0 | 65.1 | 65.1 | 65.2 |
| ≥ 8000 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.5 | 68.5 | 68.6 | 68.7 |
| ≥ 7000 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.3 | 72.3 | 72.4 |
| ≥ 6000 | 76.4 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 |
| ≥ 5000 | 83.2 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.9 | 83.9 | 84.0 | 84.1 |
| ≥ 4500 | 87.0 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 |
| ≥ 4000 | 90.5 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.6 | 91.7 |
| ≥ 3500 | 92.1 | 92.5 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.2 | 93.3 | 93.3 |
| ≥ 3000 | 93.2 | 93.9 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 |
| ≥ 2500 | 94.2 | 94.9 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 2000 | 94.9 | 95.6 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.3 | 96.4 | 96.5 | 96.5 |
| ≥ 1800 | 95.2 | 95.9 | 96.2 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.8 | 96.9 | 97.0 | 97.0 |
| ≥ 1500 | 95.6 | 96.3 | 96.6 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.4 | 97.4 | 97.5 | 97.6 |
| ≥ 1200 | 95.9 | 96.6 | 96.9 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 |
| ≥ 1000 | 96.1 | 96.8 | 97.1 | 97.5 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 |
| ≥ 900 | 96.1 | 96.8 | 97.2 | 97.6 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.5 |
| ≥ 800 | 96.2 | 96.9 | 97.4 | 97.9 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 |
| ≥ 700 | 96.3 | 97.0 | 97.5 | 98.0 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 |
| ≥ 600 | 96.4 | 97.1 | 97.7 | 98.2 | 98.5 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.0 | 99.1 | 99.2 |
| ≥ 500 | 96.4 | 97.1 | 97.7 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 400 | 96.4 | 97.1 | 97.7 | 98.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 |
| ≥ 300 | 96.5 | 97.2 | 97.8 | 98.4 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.5 | 99.6 | 99.7 |
| ≥ 200 | 96.5 | 97.4 | 97.9 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 |
| ≥ 100 | 96.5 | 97.4 | 97.9 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.9 |
| ≥ 0 | 96.5 | 97.4 | 97.9 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 99.9 |

| | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 0 | 96.5 | 97.4 | 97.9 | 98.4 | 98.9 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC [illegible] 0-145 OL 1 [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

STATION PRINCE GEORGE (C) BCAIT ART 57-65 YEARS ALL MONTHS

## 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 | 49.4 | 49.1 | 49.1 | 49.3 | 49.4 | 49.3 | 49.3 | 49.1 | 49.3 | 49.4 | 49.4 | 49.4 | 49.6 | 49.6 | 49.7 | 49.8 |
| ≥ 20000 | 52.6 | 53.3 | 53.3 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.6 | 53.7 | 53.7 | 53.8 | 53.8 | 53.9 | 54.1 |
| ≥ 18000 | 52.9 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.3 |
| ≥ 16000 | 53.5 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 | 54.9 |
| ≥ 14000 | 55.8 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.1 | 57.1 | 57.2 |
| ≥ 12000 | 60.1 | 60.7 | 60.7 | 60.9 | 61.0 | 61.0 | 61.0 | 61.1 | 61.0 | 61.0 | 61.1 | 61.1 | 61.2 | 61.3 | 61.4 | 61.5 |
| ≥ 10000 | 65.1 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.3 | 66.4 | 66.4 | 66.5 | 66.6 |
| ≥ 9000 | 68.4 | 69.1 | 69.1 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 69.8 | 69.8 | 69.9 | 70.1 |
| ≥ 8000 | 72.3 | 73.0 | 73.0 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 | 73.7 | 73.7 | 73.8 | 74.0 |
| ≥ 7000 | 75.6 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.9 | 77.0 | 77.0 | 77.1 | 77.2 | 77.3 | 77.5 |
| ≥ 6000 | 79.5 | 80.3 | 80.4 | 80.6 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.1 | 81.2 | 81.3 | 81.4 |
| ≥ 5000 | 85.4 | 86.1 | 86.2 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 87.0 | 87.1 | 87.2 | 87.4 |
| ≥ 4500 | 88.0 | 88.8 | 89.1 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.6 | 89.7 | 89.8 | 89.8 | 89.9 | 90.0 | 90.2 | 90.3 |
| ≥ 4000 | 91.1 | 91.8 | 91.9 | 92.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.9 | 93.0 | 93.1 | 93.2 |
| ≥ 3500 | 91.9 | 93.1 | 93.3 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.1 | 94.1 | 94.3 | 94.4 | 94.5 | 94.6 |
| ≥ 3000 | 92.9 | 94.2 | 94.4 | 94.8 | 94.8 | 94.8 | 95.0 | 95.0 | 95.0 | 95.1 | 95.2 | 95.2 | 95.3 | 95.5 | 95.6 | 95.7 |
| > 2500 | 93.5 | 94.8 | 95.0 | 95.4 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.1 | 96.3 | 96.4 |
| ≥ 2000 | 94.6 | 95.5 | 95.7 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.5 | 96.7 | 96.7 | 96.8 | 96.9 | 97.1 | 97.2 |
| ≥ 1800 | 94.9 | 95.8 | 96.0 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 | 96.6 | 96.7 | 96.8 | 96.8 | 96.9 | 97.1 | 97.2 | 97.3 |
| ≥ 1500 | 95.4 | 95.9 | 96.1 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.1 | 97.2 | 97.3 | 97.5 | 97.6 |
| ≥ 1200 | 95.9 | 96.5 | 96.7 | 97.2 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.6 | 97.7 | 97.7 | 97.9 | 98.0 | 98.1 | 98.2 |
| ≥ 1000 | 96.1 | 96.8 | 97.1 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 98.3 | 98.5 | 98.6 |
| ≥ 900 | 96.1 | 96.8 | 97.2 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.5 | 98.7 |
| ≥ 800 | 96.2 | 96.9 | 97.2 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.3 | 98.3 | 98.4 | 98.5 | 98.7 | 98.8 |
| ≥ 700 | 96.3 | 97.0 | 97.3 | 97.8 | 97.9 | 97.9 | 98.1 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 99.0 |
| ≥ 600 | 96.3 | 97.1 | 97.4 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.7 | 98.8 | 99.0 | 99.1 |
| ≥ 500 | 96.4 | 97.2 | 97.6 | 98.1 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.3 |
| ≥ 400 | 96.4 | 97.3 | 97.6 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.8 | 98.8 | 99.0 | 99.1 | 99.2 | 99.4 |
| ≥ 300 | 96.4 | 97.3 | 97.6 | 98.2 | 98.3 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.4 | 99.6 |
| ≥ 200 | 96.4 | 97.3 | 97.6 | 98.2 | 98.4 | 98.4 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.0 | 99.3 | 99.4 | 99.5 | 99.8 |
| ≥ 100 | 96.4 | 97.3 | 97.7 | 98.3 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 99.9 |
| ≥ 0 | 96.4 | 97.3 | 97.7 | 98.3 | 98.4 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252nd [illegible] 07-09

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 43.0 | 43.3 | 43.7 | 44.[illegible] | 44.1 | 44.4 | 44.[illegible] | 44.5 | 45.0 | 45.[illegible] | 45.[illegible] | 45.4 | 45.4 | 45.7 | 45.[illegible] |
| ≥ 20000 | 45.9 | 46.3 | 46.6 | 47.[illegible] | 47.4 | 47.4 | 47.[illegible] | 47.[illegible] | 47.9 | 48.4 | 46.6 | 48.[illegible] | 48.8 | 49.[illegible] | 49.[illegible] | 49.[illegible] |
| ≥ 18000 | 46.0 | 46.5 | 46.8 | 47.2 | 47.6 | 47.8 | 47.9 | 48.[illegible] | 48.1 | 48.6 | 48.6 | 48.[illegible] | 49.0 | 49.[illegible] | 49.[illegible] | 49.5 |
| ≥ 16000 | 46.8 | 47.2 | 47.5 | 47.9 | 48.[illegible] | 48.4 | 48.7 | 48.[illegible] | 48.8 | 49.3 | 49.5 | 49.5 | 49.7 | 49.7 | 50.[illegible] | 50.2 |
| ≥ 14000 | 48.5 | 49.0 | 49.3 | 49.7 | 50.1 | 50.1 | 50.5 | 50.[illegible] | 50.6 | 51.1 | 51.3 | 51.3 | 51.5 | 51.5 | 51.[illegible] | 52.[illegible] |
| ≥ 12000 | 51.0 | 51.5 | 51.8 | 52.2 | 52.6 | 52.7 | 53.1 | 53.[illegible] | 53.2 | 53.8 | 53.9 | 54.[illegible] | 54.1 | 54.2 | 54.4 | 54.7 |
| ≥ 10000 | 54.8 | 55.3 | 55.6 | 56.[illegible] | 56.4 | 56.[illegible] | 56.9 | 57.[illegible] | 57.0 | 57.6 | 57.8 | 57.[illegible] | 58.0 | 58.0 | 58.3 | 58.5 |
| ≥ 9000 | 57.7 | 58.2 | 58.5 | 59.[illegible] | 59.4 | 59.4 | 59.8 | 60.[illegible] | 60.0 | 60.5 | 60.7 | 60.[illegible] | 60.9 | 61.0 | 61.2 | 61.[illegible] |
| ≥ 8000 | 61.4 | 61.9 | 62.2 | 62.7 | 63.2 | 63.[illegible] | 63.6 | 63.[illegible] | 63.8 | 64.3 | 64.6 | 64.[illegible] | 64.8 | 64.[illegible] | 65.[illegible] | 65.4 |
| ≥ 7000 | 66.[illegible] | 66.6 | 66.9 | 67.4 | 67.[illegible] | 68.[illegible] | 68.3 | 68.[illegible] | 68.5 | 69.1 | 69.3 | 69.[illegible] | 69.5 | 69.6 | 69.[illegible] | 70.[illegible] |
| ≥ 6000 | 70.3 | 70.9 | 71.3 | 71.[illegible] | 72.3 | 72.3 | 72.7 | 72.[illegible] | 72.9 | 73.5 | 73.7 | 73.[illegible] | 73.9 | 74.[illegible] | 74.[illegible] | 74.6 |
| ≥ 5000 | 73.3 | 73.[illegible] | 74.5 | 77.[illegible] | 77.5 | 77.5 | 78.[illegible] | 78.2 | 78.2 | 78.7 | 79.0 | 79.[illegible] | 79.3 | 79.4 | 79.[illegible] | 80.[illegible] |
| ≥ 4500 | 79.[illegible] | 79.8 | 80.2 | 80.7 | 81.2 | 81.3 | 81.7 | 81.[illegible] | 81.9 | 82.5 | 82.7 | 82.[illegible] | 83.0 | 83.1 | 83.4 | 83.8 |
| ≥ 4000 | 82.9 | 83.[illegible] | 84.4 | 85.[illegible] | 85.[illegible] | 85.6 | 86.1 | 86.[illegible] | 86.3 | 86.9 | 87.1 | 87.[illegible] | 87.4 | 87.5 | 87.8 | 88.1 |
| ≥ 3500 | 84.7 | 85.[illegible] | 86.3 | 86.9 | 87.4 | 87.5 | 88.[illegible] | 88.2 | 88.2 | 88.8 | 89.0 | 89.1 | 89.3 | 89.4 | 89.7 | 90.0 |
| ≥ 3000 | 86.6 | 87.[illegible] | 88.3 | 89.[illegible] | 89.5 | 89.6 | 90.1 | 90.[illegible] | 90.3 | 90.8 | 91.1 | 91.2 | 91.4 | 91.5 | 91.[illegible] | 92.1 |
| ≥ 2500 | 87.9 | 89.[illegible] | 89.8 | 90.5 | 91.1 | 91.1 | 91.6 | 91.[illegible] | 91.9 | 92.4 | 92.7 | 92.7 | 93.0 | 93.1 | 93.3 | 93.7 |
| ≥ 2000 | 88.7 | 90.2 | 90.8 | 91.6 | 92.2 | 92.2 | 92.7 | 92.[illegible] | 93.0 | 93.5 | 93.8 | 93.[illegible] | 94.1 | 94.2 | 94.4 | 94.[illegible] |
| ≥ 1800 | 89.[illegible] | 91.7 | 91.3 | 92.[illegible] | 92.8 | 92.7 | 93.2 | 93.4 | 93.4 | 94.0 | 94.2 | 94.3 | 94.5 | 94.6 | 94.9 | 95.[illegible] |
| ≥ 1500 | 90.7 | 91.5 | 92.1 | 93.[illegible] | 93.4 | 93.7 | 94.2 | 94.4 | 94.4 | 95.0 | 95.2 | 95.[illegible] | 95.5 | 95.6 | 95.9 | 96.[illegible] |
| ≥ 1200 | 91.2 | 92.3 | 93.[illegible] | 94.[illegible] | 94.6 | 94.7 | 95.2 | 95.4 | 95.4 | 96.0 | 96.[illegible] | 96.[illegible] | 96.6 | 96.7 | 96.9 | 97.[illegible] |
| ≥ 1000 | 91.4 | 92.[illegible] | 93.3 | 94.4 | 95.1 | 95.1 | 95.6 | 95.9 | 95.9 | 96.4 | 96.7 | 96.7 | 97.0 | 97.1 | 97.[illegible] | 97.7 |
| ≥ 900 | 91.6 | 92.9 | 93.7 | 94.7 | 95.4 | 95.5 | 96.0 | 96.[illegible] | 96.3 | 96.8 | 97.1 | 97.1 | 97.4 | 97.5 | 97.7 | 98.1 |
| ≥ 800 | 91.7 | 93.[illegible] | 93.8 | 94.[illegible] | 95.6 | 95.7 | 96.2 | 96.[illegible] | 96.5 | 97.0 | 97.3 | 97.3 | 97.6 | 97.7 | 97.9 | 98.[illegible] |
| ≥ 700 | 91.8 | 93.2 | 94.0 | 95.1 | 95.9 | 95.9 | 96.5 | 96.7 | 96.7 | 97.2 | 97.5 | 97.6 | 97.8 | 97.9 | 98.[illegible] | 98.5 |
| ≥ 600 | 91.9 | 93.3 | 94.2 | 95.[illegible] | 96.[illegible] | 96.1 | 96.6 | 96.9 | 96.9 | 97.4 | 97.7 | 97.[illegible] | 98.0 | 98.1 | 98.[illegible] | 98.7 |
| ≥ 500 | 92.9 | 93.4 | 94.3 | 95.4 | 96.2 | 96.3 | 96.8 | 97.1 | 97.1 | 97.6 | 97.9 | 98.[illegible] | 98.2 | 98.3 | 98.6 | 99.[illegible] |
| ≥ 400 | 91.0 | 93.5 | 94.5 | 95.7 | 96.5 | 96.5 | 97.1 | 97.3 | 97.3 | 97.9 | 98.2 | 98.[illegible] | 98.5 | 98.6 | 98.9 | 99.3 |
| ≥ 300 | 91.0 | 93.5 | 94.5 | 95.[illegible] | 96.6 | 96.7 | 97.2 | 97.4 | 97.5 | 98.1 | 98.4 | 98.[illegible] | 98.8 | 98.9 | 99.[illegible] | 99.[illegible] |
| ≥ 200 | 91.0 | 93.6 | 94.6 | 95.8 | 96.7 | 96.8 | 97.3 | 97.[illegible] | 97.6 | 98.2 | 98.5 | 98.[illegible] | 98.9 | 99.[illegible] | 99.[illegible] | 99.[illegible] |
| ≥ 100 | 91.0 | 93.7 | 94.6 | 93.9 | 96.7 | 96.8 | 97.4 | 97.7 | 97.7 | 98.3 | 98.6 | 98.[illegible] | 99.0 | 99.1 | 99.[illegible] | 99.9 |
| ≥ 0 | 91.0 | 93.7 | 94.6 | 95.9 | 96.7 | 96.8 | 97.4 | 97.7 | 97.7 | 98.3 | 98.6 | 98.7 | 99.0 | 99.1 | 99.[illegible] | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 744[illegible]

2

# CEILING VERSUS VISIBILITY

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 | [illegible] | [illegible] | 39.7 | 40.0 | 40.0 | [illegible] | [illegible] | [illegible] | 40.2 | 40.5 | 40.6 | [illegible] | 41.5 | 41.7 | [illegible] | [illegible] |
| ≥ 20000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

57-65

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

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 32.2 | 32.4 | 32.5 | 32.6 | 32.7 | 32.7 | 32.8 | 32.9 | 32.9 | 33.1 | 33.3 | 33.4 | 33.7 | 33.7 | 34.0 | 34.0 |
| ≥ 20000 | 36.2 | 36.3 | 36.6 | 36.7 | 36.8 | 36.8 | 36.8 | 36.9 | 37.0 | 37.2 | 37.4 | 37.5 | 37.8 | 37.8 | 38.0 | 38.0 |
| ≥ 18000 | 36.5 | 36.7 | 36.9 | 37.0 | 37.1 | 37.1 | 37.2 | 37.2 | 37.3 | 37.5 | 37.7 | 37.8 | 38.1 | 38.1 | 38.2 | 38.2 |
| ≥ 16000 | 37.4 | 37.6 | 37.7 | 37.8 | 37.9 | 37.9 | 38.0 | 38.1 | 38.1 | 38.4 | 38.6 | 38.8 | 39.0 | 39.1 | 39.2 | 39.2 |
| ≥ 14000 | 39.9 | 40.2 | 40.3 | 40.4 | 40.5 | 40.5 | 40.6 | 40.7 | 40.7 | 40.9 | 41.2 | 41.2 | 41.6 | 41.7 | 42.0 | 42.0 |
| ≥ 12000 | 43.9 | 44.2 | 44.3 | 44.4 | 44.5 | 44.5 | 44.7 | 44.7 | 44.7 | 45.0 | 45.2 | 45.2 | 45.6 | 45.7 | 46.0 | 46.0 |
| ≥ 10000 | 50.3 | 50.5 | 50.7 | 50.8 | 50.9 | 50.9 | 51.1 | 51.1 | 51.2 | 51.4 | 51.7 | 51.7 | 52.1 | 52.2 | 52.5 | 52.5 |
| ≥ 9000 | 53.9 | 54.2 | 54.3 | 54.5 | 54.6 | 54.6 | 54.8 | 54.8 | 54.8 | 55.1 | 55.3 | 55.4 | 55.8 | 55.9 | 56.2 | 56.2 |
| ≥ 8000 | 57.9 | 58.2 | 58.3 | 58.5 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 59.1 | 59.3 | 59.4 | 59.8 | 59.9 | 60.2 | 60.2 |
| ≥ 7000 | 64.3 | 64.7 | 64.8 | 64.9 | 65.1 | 65.1 | 65.3 | 65.3 | 65.3 | 65.6 | 65.9 | 66.0 | 66.3 | 66.5 | 66.9 | 67.0 |
| ≥ 6000 | 67.5 | 67.9 | 68.0 | 68.1 | 68.3 | 68.3 | 68.5 | 68.5 | 68.6 | 68.9 | 69.1 | 69.2 | 69.6 | 69.7 | 70.1 | 70.1 |
| ≥ 5000 | 72.6 | 73.1 | 73.3 | 73.4 | 73.6 | 73.6 | 73.8 | 73.8 | 73.9 | 74.2 | 74.4 | 74.5 | 74.9 | 75.1 | 75.5 | 75.5 |
| ≥ 4500 | 75.5 | 76.1 | 76.2 | 76.4 | 76.6 | 76.6 | 76.8 | 76.8 | 76.9 | 77.2 | 77.4 | 77.5 | 77.9 | 78.1 | 78.5 | 78.5 |
| ≥ 4000 | 79.2 | 80.0 | 80.3 | 80.5 | 80.7 | 80.7 | 80.9 | 81.0 | 81.0 | 81.3 | 81.6 | 81.7 | 82.1 | 82.3 | 82.8 | 83.1 |
| ≥ 3500 | 81.8 | 81.7 | 82.0 | 82.3 | 82.5 | 82.5 | 82.7 | 82.8 | 82.8 | 83.1 | 83.4 | 83.5 | 83.9 | 84.1 | 84.6 | 84.9 |
| ≥ 3000 | 82.2 | 83.4 | 83.7 | 84.0 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 85.0 | 85.3 | 85.3 | 85.8 | 86.0 | 86.5 | 86.8 |
| ≥ 2500 | 83.2 | 84.6 | 85.0 | 85.4 | 85.8 | 85.8 | 86.0 | 86.1 | 86.1 | 86.4 | 86.7 | 86.8 | 87.3 | 87.4 | 88.0 | 88.2 |
| ≥ 2000 | 84.3 | 85.6 | 86.1 | 86.7 | 87.2 | 87.2 | 87.4 | 87.5 | 87.5 | 87.8 | 88.1 | 88.2 | 88.7 | 88.8 | 89.5 | 90.0 |
| ≥ 1800 | 84.5 | 85.8 | 86.3 | 86.9 | 87.4 | 87.4 | 87.6 | 87.7 | 87.7 | 88.0 | 88.3 | 88.4 | 88.9 | 89.0 | 89.7 | 90.2 |
| ≥ 1500 | 85.1 | 86.4 | 86.9 | 87.4 | 88.0 | 88.0 | 88.2 | 88.3 | 88.3 | 88.6 | 88.9 | 89.0 | 89.5 | 89.6 | 90.3 | 90.8 |
| ≥ 1200 | 85.5 | 86.8 | 87.3 | 87.8 | 88.4 | 88.4 | 88.6 | 88.7 | 88.7 | 89.0 | 89.3 | 89.4 | 89.9 | 90.0 | 90.7 | 91.2 |
| ≥ 1000 | 85.9 | 87.2 | 87.7 | 88.2 | 88.8 | 88.8 | 89.0 | 89.1 | 89.1 | 89.4 | 89.7 | 89.8 | 90.3 | 90.4 | 91.1 | 91.6 |
| ≥ 900 | 86.4 | 87.8 | 88.3 | 88.8 | 89.4 | 89.4 | 89.6 | 89.7 | 89.7 | 90.0 | 90.3 | 90.4 | 90.9 | 91.0 | 91.7 | 92.2 |
| ≥ 800 | 87.8 | 89.1 | 89.6 | 90.1 | 90.7 | 90.7 | 90.9 | 91.0 | 91.0 | 91.3 | 91.6 | 91.7 | 92.2 | 92.3 | 93.0 | 93.5 |
| ≥ 700 | 88.3 | 89.6 | 90.1 | 90.6 | 91.2 | 91.2 | 91.4 | 91.5 | 91.5 | 91.8 | 92.1 | 92.2 | 92.7 | 92.8 | 93.5 | 94.0 |
| ≥ 600 | 88.4 | 89.6 | 90.2 | 90.7 | 91.3 | 91.3 | 91.5 | 91.6 | 91.6 | 91.9 | 92.2 | 92.3 | 92.8 | 92.9 | 93.6 | 94.1 |
| ≥ 500 | 88.5 | 89.8 | 90.3 | 90.8 | 91.4 | 91.4 | 91.6 | 91.7 | 91.7 | 92.0 | 92.3 | 92.4 | 92.9 | 93.0 | 93.7 | 94.2 |
| ≥ 400 | 88.6 | 89.9 | 90.4 | 90.9 | 91.5 | 91.5 | 91.7 | 91.8 | 91.8 | 92.1 | 92.4 | 92.5 | 93.0 | 93.1 | 93.8 | 94.3 |
| ≥ 300 | 88.6 | 90.0 | 90.5 | 91.0 | 91.6 | 91.6 | 91.8 | 91.9 | 91.9 | 92.2 | 92.5 | 92.6 | 93.1 | 93.2 | 93.9 | 94.4 |
| ≥ 200 | 88.7 | 90.1 | 90.6 | 91.1 | 91.7 | 91.7 | 91.9 | 92.0 | 92.0 | 92.3 | 92.6 | 92.7 | 93.2 | 93.3 | 94.0 | 94.5 |
| ≥ 100 | 88.7 | 90.1 | 90.6 | 91.1 | 91.7 | 91.7 | 91.9 | 92.0 | 92.0 | 92.3 | 92.6 | 92.7 | 93.2 | 93.3 | 94.0 | 94.5 |
| ≥ 0 | 88.7 | 90.1 | 90.6 | 91.1 | 91.7 | 91.7 | 91.9 | 92.0 | 92.0 | 92.3 | 92.6 | 92.7 | 93.2 | 93.3 | 94.0 | 94.5 |

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL 1)

2

# CEILING VERSUS VISIBILITY

57-66

YEARS

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥⅛ | 0 |
| NO CEILING | 28.8 | 29.8 | 29.9 | 29.1 | 29.4 | 29.6 | 29.6 | 29.6 | 29.8 | 29.3 | 29.3 | 29.4 | 29.5 | 29.7 | 29.7 | 30. |
| ≥ 20000 | 31.7 | 32.2 | 32.1 | 32.2 | 32.3 | 32.4 | 32.4 | 32.5 | 32.4 | 32.5 | 32.6 | 32.8 | 32.9 | 33.0 | 33. | 33. |
| ≥ 18000 | 32.0 | 32.2 | 32.3 | 32.3 | 32.4 | 32.6 | 32.6 | 32.7 | 32.7 | 32.8 | 32.9 | 33. | 33.1 | 33.2 | 33.3 | 33. |
| ≥ 16000 | 32.7 | 32.9 | 33.1 | 33.2 | 33.3 | 33.3 | 33.3 | 33.4 | 33.4 | 33.5 | 33.6 | 33.7 | 33.8 | 33.9 | 34. | 34. |
| ≥ 14000 | 34.3 | 34.5 | 34.7 | 34.8 | 34.9 | 34.9 | 35.0 | 35. | 35. | 35.0 | 35.1 | 35.2 | 35.3 | 35.5 | 35.5 | 35. |
| ≥ 12000 | 36.6 | 36.7 | 37.1 | 37.2 | 37.3 | 37.3 | 37.3 | 37.4 | 37.4 | 37.5 | 37.6 | 37.7 | 37.8 | 37.9 | 38. | 38. |
| ≥ 10000 | 41.1 | 41.4 | 41.6 | 41.7 | 41.8 | 41.9 | 41.9 | 42. | 41.9 | 41.9 | 42.0 | 42.2 | 42.2 | 42.4 | 42.5 | 42.5 |
| ≥ 9000 | 44.5 | 45.1 | 45.1 | 45.2 | 45.3 | 45.4 | 45.4 | 45.5 | 45.5 | 45.6 | 45.7 | 45.9 | 46.0 | 46.2 | 46.1 | 46.4 |
| ≥ 8000 | 48.1 | 48.6 | 48.7 | 48.9 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.4 | 49.4 | 49.7 | 49.7 | 49. | 50. |
| ≥ 7000 | 53.2 | 53.8 | 54.0 | 54.2 | 54.4 | 54.3 | 54.3 | 54.4 | 54.4 | 54.5 | 54.6 | 54.7 | 55.0 | 55. | 55.1 | 55. |
| ≥ 6000 | 55.2 | 55.8 | 56.0 | 56.2 | 56.3 | 56.4 | 56.3 | 56.4 | 56.4 | 56.6 | 56.7 | 56.8 | 56.9 | 57.1 | 57.2 | 57.3 |
| ≥ 5000 | 59.0 | 60.5 | 60.8 | 61.0 | 61.2 | 61.2 | 61.2 | 61.3 | 61.4 | 61.4 | 61.3 | 61.7 | 61.7 | 62.0 | 62.1 | 62. |
| ≥ 4500 | 61.8 | 62.8 | 63.1 | 63.3 | 63.3 | 63.6 | 63.7 | 63.7 | 63.8 | 63.9 | 64.2 | 64.3 | 64.4 | 64.4 | 64.3 | 64. |
| ≥ 4000 | 64.5 | 65.8 | 66.1 | 66.4 | 66.7 | 66.5 | 66.4 | 67.1 | 67.1 | 67.2 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 68. |
| ≥ 3500 | 66.2 | 67.3 | 67.6 | 68.2 | 68.6 | 69.0 | 69.1 | 69.2 | 69.4 | 69.4 | 69.5 | 69.7 | 69. | 70.1 | 70.1 | 70. |
| ≥ 3000 | 70.1 | 71.2 | 71.7 | 71.9 | 71.9 | 72. | 72.2 | 72.3 | 72.4 | 72.5 | 72.8 | 72.9 | 73.2 | 73.2 | 73.3 | 73.7 |
| ≥ 2500 | 79.4 | 71.7 | 72.3 | 73.1 | 73.7 | 73.9 | 74.2 | 74.3 | 74.6 | 74.9 | 75.1 | 75.2 | 75.5 | 75.5 | 75.6 | 76. |
| ≥ 2000 | 71.7 | 74.7 | 75.5 | 76.4 | 77.2 | 77.6 | 78.2 | 78.7 | 78.8 | 79.1 | 79.3 | 79.4 | 79.7 | 79.8 | 79.9 | 80. |
| ≥ 1800 | 77.5 | 75.6 | 76.4 | 77.3 | 78.1 | 78.4 | 79.5 | 80.1 | 80.2 | 80.6 | 80.8 | 80.9 | 81.2 | 81.3 | 81.4 | 81.9 |
| ≥ 1500 | 78.2 | 77.4 | 77.4 | 79.0 | 80.1 | 80.6 | 81.7 | 82.7 | 83.0 | 83.7 | 84.1 | 84.1 | 84.3 | 84.5 | 84.6 | 85. |
| ≥ 1200 | 79.0 | 79.7 | 79.7 | 81.1 | 82.2 | 82.9 | 84.3 | 85.5 | 86.0 | 87.1 | 87.7 | 87.9 | 88.1 | 88.2 | 88.3 | 88.7 |
| ≥ 1000 | 79.1 | 79.4 | 80.4 | 81.9 | 83.2 | 83.9 | 85.4 | 86.3 | 87.2 | 88.6 | 89.4 | 89.8 | 89.9 | 90.0 | 90.1 | 90. |
| ≥ 900 | 79.3 | 80.0 | 81.0 | 82.5 | 83.7 | 84.4 | 85.9 | 87.4 | 88.0 | 89.7 | 90.6 | 90.8 | 91.2 | 91.3 | 91.4 | 91. |
| ≥ 800 | 79.4 | 80.3 | 81.4 | 82.9 | 84.3 | 84.9 | 86.3 | 87.9 | 88.5 | 90.3 | 91.3 | 91.7 | 92.2 | 92.3 | 92.4 | 92. |
| ≥ 700 | 79.7 | 80.9 | 82.0 | 83.0 | 85.1 | 85.6 | 87.1 | 88.7 | 89.4 | 91.1 | 92.4 | 92.8 | 93.2 | 93.4 | 93.5 | 93.9 |
| ≥ 600 | 80.1 | 81.3 | 82.4 | 84.2 | 85.7 | 86.2 | 87.8 | 89.5 | 90.1 | 91.9 | 93.3 | 93.8 | 94.3 | 94.4 | 94.5 | 94.9 |
| ≥ 500 | 80.3 | 81.8 | 83.2 | 84.9 | 86.4 | 87. | 88.6 | 90.3 | 91.0 | 92.8 | 94.2 | 94.5 | 95.3 | 95.5 | 95.7 | 96. |
| ≥ 400 | 80.4 | 82.0 | 83.2 | 85.2 | 86.8 | 87.3 | 89.0 | 90.7 | 91.4 | 93.2 | 94.7 | 95. | 95.9 | 96. | 96.3 | 96. |
| ≥ 300 | 80.5 | 82.1 | 83.4 | 85.5 | 87.2 | 87.9 | 89.6 | 91.2 | 91.9 | 93.8 | 95.3 | 95.5 | 96.6 | 96.8 | 97.1 | 97.7 |
| ≥ 200 | 80.5 | 82.2 | 83.5 | 85.6 | 87.3 | 88.1 | 89.8 | 91.4 | 92.3 | 94.3 | 96.1 | 96.4 | 97.5 | 97.7 | 98.1 | 98.7 |
| ≥ 100 | 80.5 | 82.2 | 83.5 | 85.7 | 87.5 | 88.1 | 90.0 | 91.8 | 92.6 | 94.8 | 96.5 | 96.9 | 98.0 | 98.2 | 98.7 | 99. |
| ≥ 0 | 80.5 | 82.2 | 83.5 | 85.7 | 87.5 | 88.1 | 90.0 | 91.9 | 92.6 | 94.8 | 96.6 | 97. | 98.1 | 98.3 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7200

USAF ETAC FORM 0-14-5-OL 1

# CEILING VERSUS VISIBILITY

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 |
| NO CEILING | 69.3 | 69.5 | 69.7 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 20000 | 79.3 | 79.3 | 79.4 | 79.5 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 79.7 | 79.8 | 80.0 | 80.1 | 80.3 | 80.3 | 80.5 |
| ≥ 18000 | 79.4 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 | 80.2 | 80.4 | 80.6 | 80.7 | 80.7 | 80.8 | 80.9 |
| ≥ 16000 | 80.3 | 80.6 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.1 | 81.3 | 81.5 | 81.6 | 81.6 | 81.7 | 81.9 |
| ≥ 14000 | 82.2 | 82.5 | 82.5 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.9 | 83.1 | 83.3 | 83.4 | 83.4 | 83.5 | 83.7 |
| ≥ 12000 | 85.2 | 85.5 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 86.0 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.7 |
| ≥ 10000 | 90.5 | 90.7 | 91.0 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.5 | 91.7 | 91.8 | 91.9 | 92.0 | 92.1 | 92.2 |
| ≥ 9000 | 93.8 | 94.0 | 94.2 | 94.4 | 94.5 | 94.6 | 94.7 | 94.7 | 94.7 | 94.8 | 94.9 | 95.1 | 95.1 | 95.4 | 95.4 | 95.5 |
| ≥ 8000 | 97.3 | 97.5 | 97.9 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.6 | 98.8 | 98.9 | 99.0 | 99.3 | 99.3 | 99.4 |
| ≥ 7000 | 98.0 | 98.2 | 98.5 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 |
| ≥ 6000 | 98.2 | 98.5 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 5000 | 98.4 | 98.7 | 99.0 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 4500 | 98.7 | 98.9 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 4000 | 98.9 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 3500 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 3000 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 2500 | 99.3 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 2000 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 1800 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 1500 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 1200 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 1000 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 900 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 800 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 700 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 600 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 500 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 400 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 7447

2

# CEILING VERSUS VISIBILITY

57-65

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 31.1 | 30.5 | 30.9 | 31.0 | 31.1 | 31.2 | 31.5 | 31.5 | 31.5 | 31.5 | 31.6 | 31.7 | 31.9 | 31.9 | 32.0 | 32.2 |
| ≥ 20000 | 32.2 | 32.3 | 32.4 | 32.7 | 32.8 | 32.9 | 33.0 | 33.2 | 33.2 | 33.2 | 33.3 | 33.4 | 33.7 | 33.8 | 34.1 | 34.3 |
| ≥ 18000 | 31.9 | 32.4 | 32.5 | 32.8 | 32.9 | 33.0 | 33.3 | 33.3 | 33.3 | 33.3 | 33.4 | 33.4 | 33.6 | 33.7 | 34.0 | 34.4 |
| ≥ 16000 | 32.2 | 32.5 | 32.7 | 33.0 | 33.1 | 33.2 | 33.5 | 33.5 | 33.5 | 33.5 | 33.7 | 33.7 | 34.0 | 34.2 | 34.6 | 34.8 |
| ≥ 14000 | 33.4 | 34.0 | 34.1 | 34.4 | 34.5 | 34.6 | 34.9 | 34.9 | 34.9 | 34.9 | 35.1 | 35.1 | 35.4 | 35.7 | 36.1 | 36.2 |
| ≥ 12000 | 35.9 | 36.3 | 36.6 | 36.9 | 37.0 | 37.1 | 37.5 | 37.5 | 37.5 | 37.5 | 37.6 | 37.6 | 38.0 | 38.3 | 38.6 | 38.8 |
| ≥ 10000 | 39.6 | 40.1 | 40.2 | 40.5 | 40.6 | 40.8 | 41.3 | 41.3 | 41.3 | 41.3 | 41.4 | 41.4 | 41.7 | 42.0 | 42.3 | 42.7 |
| ≥ 9000 | 41.9 | 42.3 | 42.6 | 42.9 | 43.0 | 43.1 | 43.7 | 43.7 | 43.7 | 43.7 | 43.8 | 43.8 | 44.1 | 44.4 | 44.8 | 45.2 |
| ≥ 8000 | 44.3 | 44.8 | 45.1 | 45.7 | 45.8 | 45.9 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.9 | 47.2 | 47.4 | 47.8 |
| ≥ 7000 | 47.3 | 48.3 | 48.6 | 49.2 | 49.4 | 49.5 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 | 50.1 | 50.4 | 51.0 | 51.2 | 51.7 |
| ≥ 6000 | 50.4 | 51.6 | 51.8 | 51.6 | 51.8 | 51.9 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 52.6 | 52.9 | 53.4 | 53.7 | 54.2 |
| ≥ 5000 | 54.1 | 55.4 | 55.8 | 56.0 | 57.1 | 57.1 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 58.2 | 58.7 | 59.0 | 59.5 |
| ≥ 4500 | 55.3 | 57.2 | 57.7 | 58.3 | 59.2 | 59.4 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.4 | 61.0 | 61.2 | 61.7 |
| ≥ 4000 | 58.0 | 59.4 | 61.2 | 62.0 | 63.2 | 63.3 | 64.0 | 64.0 | 64.0 | 64.0 | 64.1 | 64.1 | 64.4 | 64.9 | 65.2 | 65.7 |
| ≥ 3500 | 59.9 | 61.9 | 62.7 | 63.7 | 65.1 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 66.2 | 66.8 | 67.0 | 67.5 |
| ≥ 3000 | 62.1 | 64.0 | 65.5 | 66.9 | 68.9 | 69.3 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.5 | 71.1 | 71.3 | 71.8 |
| ≥ 2500 | 64.6 | 66.9 | 67.7 | 69.1 | 71.7 | 72.6 | 73.4 | 73.4 | 73.4 | 73.5 | 73.7 | 73.7 | 74.0 | 74.5 | 74.7 | 75.1 |
| ≥ 2000 | 65.9 | 68.7 | 70.4 | 72.1 | 74.8 | 75.7 | 77.4 | 77.7 | 77.8 | 78.2 | 78.3 | 78.3 | 78.6 | 79.1 | 79.4 | 79.9 |
| ≥ 1800 | 66.1 | 69.0 | 70.9 | 72.6 | 75.4 | 76.2 | 78.2 | 78.2 | 78.9 | 79.4 | 79.6 | 79.6 | 79.9 | 80.4 | 80.6 | 81.2 |
| ≥ 1500 | 66.4 | 69.3 | 71.3 | 73.0 | 76.3 | 77.2 | 79.3 | 80.0 | 81.0 | 81.8 | 82.2 | 82.2 | 82.5 | 83.1 | 83.2 | 83.6 |
| ≥ 1200 | 66.4 | 71.0 | 72.9 | 74.6 | 78.2 | 79.1 | 82.0 | 83.9 | 84.1 | 85.8 | 86.3 | 86.3 | 86.7 | 87.2 | 87.4 | 88.0 |
| ≥ 1000 | 66.5 | 71.2 | 73.2 | 74.8 | 78.6 | 79.6 | 83.0 | 84.3 | 84.5 | 86.3 | 87.2 | 87.2 | 87.5 | 88.1 | 88.3 | 88.9 |
| ≥ 900 | 66.6 | 71.3 | 73.3 | 74.9 | 78.6 | 80.1 | 83.2 | 84.5 | 84.7 | 87.2 | 88.2 | 88.2 | 88.5 | 89.0 | 89.2 | 89.8 |
| ≥ 800 | 66.9 | 71.6 | 73.7 | 75.4 | 78.9 | 80.4 | 83.7 | 84.9 | 85.2 | 87.6 | 89.0 | 89.0 | 89.4 | 89.9 | 90.1 | 91.0 |
| ≥ 700 | 66.3 | 72.3 | 74.3 | 76.1 | 80.0 | 81.5 | 84.7 | 86.0 | 86.2 | 88.7 | 90.3 | 90.3 | 90.8 | 91.3 | 91.5 | 92.3 |
| ≥ 600 | 66.6 | 73.0 | 75.3 | 76.9 | 80.8 | 82.1 | 85.3 | 86.8 | 87.0 | 89.5 | 91.2 | 91.2 | 91.6 | 92.2 | 92.4 | 92.9 |
| ≥ 500 | 66.7 | 73.3 | 75.6 | 77.2 | 81.2 | 82.9 | 86.1 | 87.4 | 87.6 | 90.1 | 91.8 | 91.8 | 92.3 | 92.8 | 93.0 | 93.5 |
| ≥ 400 | 67.3 | 74.6 | 77.1 | 78.7 | 82.7 | 84.4 | 87.6 | 88.9 | 89.1 | 91.6 | 93.3 | 93.3 | 93.9 | 94.4 | 94.6 | 95.2 |
| ≥ 300 | 67.4 | 74.7 | 77.4 | 78.9 | 82.9 | 84.8 | 88.1 | 89.4 | 89.6 | 92.0 | 94.0 | 94.0 | 94.5 | 95.2 | 95.4 | 96.2 |
| ≥ 200 | 67.4 | 74.8 | 77.4 | 79.2 | 83.5 | 85.5 | 88.7 | 90.0 | 90.2 | 92.9 | 94.8 | 94.8 | 95.4 | 96.2 | 96.5 | 97.3 |
| ≥ 100 | 67.4 | 74.9 | 77.6 | 79.6 | 83.9 | 86.0 | 89.3 | 90.6 | 91.0 | 93.7 | 95.6 | 95.6 | 96.2 | 96.9 | 97.1 | 98.1 |
| ≥ 0 | 67.4 | 74.9 | 77.6 | 79.6 | 83.9 | 86.0 | 89.3 | 90.6 | 91.0 | 93.7 | 95.8 | 95.8 | 96.5 | 97.1 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| ≥ 18000 | | | | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 | | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

# CEILING VERSUS VISIBILITY

57-60

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 25.2 | 25.6 | 25.7 | 25.9 | 26.1 | 26.1 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 26.0 | 27.0 | 27.0 | 27.2 | 27.3 |
| ≥ 20000 | 26.0 | 26.5 | 26.6 | 26.8 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.8 | 27.8 | 28.0 | 28.2 |
| ≥ 18000 | 26.2 | 26.7 | 26.8 | 27.0 | 27.2 | 27.2 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 28.1 | 28.1 | 28.3 | 28.4 |
| ≥ 16000 | 26.3 | 26.9 | 27.0 | 27.2 | 27.4 | 27.4 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 28.3 | 28.3 | 28.5 | 28.6 |
| ≥ 14000 | 28.0 | 28.4 | 28.5 | 28.7 | 28.9 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.8 | 29.8 | 30.0 | 30.1 |
| ≥ 12000 | 31.1 | 31.5 | 31.7 | 31.9 | 32.2 | 32.2 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 33.0 | 33.0 | 33.2 | 33.3 |
| ≥ 10000 | 33.9 | 34.3 | 34.5 | 34.7 | 34.9 | 34.9 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.0 | 35.8 | 35.8 | 36.0 | 36.1 |
| ≥ 9000 | 36.8 | 36.3 | 36.7 | 36.9 | 37.1 | 37.1 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 38.0 | 38.0 | 38.2 | 38.3 |
| ≥ 8000 | 39.1 | 39.5 | 40.3 | 40.6 | 40.9 | 40.9 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.7 | 41.7 | 41.9 | 42.0 |
| ≥ 7000 | 42.8 | 43.3 | 43.9 | 44.2 | 44.4 | 44.4 | 44.5 | 44.5 | 44.6 | 44.6 | 44.6 | 44.6 | 45.4 | 45.4 | 45.5 | 45.6 |
| ≥ 6000 | 44.1 | 45.1 | 45.7 | 46.1 | 46.3 | 46.3 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 47.4 | 47.4 | 47.6 | 47.7 |
| ≥ 5000 | 48.9 | 50.0 | 50.3 | 51.3 | 51.6 | 51.6 | 52.1 | 52.3 | 52.3 | 52.3 | 52.5 | 52.5 | 52.7 | 52.7 | 52.9 | 53.0 |
| ≥ 4500 | 51.2 | 52.9 | 53.7 | 54.2 | 54.5 | 54.5 | 54.9 | 55.2 | 55.2 | 55.2 | 55.4 | 55.4 | 55.6 | 55.6 | 55.8 | 55.9 |
| ≥ 4000 | 54.8 | 56.7 | 57.6 | 58.3 | 58.6 | 58.6 | 59.0 | 59.2 | 59.2 | 59.2 | 59.5 | 59.5 | 59.7 | 59.7 | 59.9 | 60.0 |
| ≥ 3500 | 57.0 | 59.2 | 60.5 | 61.4 | 62.0 | 62.2 | 62.6 | 62.8 | 62.8 | 62.8 | 63.0 | 63.0 | 63.2 | 63.2 | 63.4 | 63.5 |
| ≥ 3000 | 60.8 | 61.5 | 64.4 | 64.6 | 65.7 | 65.9 | 66.5 | 66.7 | 66.7 | 66.7 | 66.9 | 66.9 | 67.1 | 67.1 | 67.3 | 67.4 |
| ≥ 2500 | 70.5 | 66.1 | 66.3 | 67.3 | 68.5 | 68.7 | 69.0 | 69.2 | 69.8 | 69.8 | 70.0 | 70.0 | 70.2 | 70.2 | 70.4 | 70.5 |
| ≥ 2000 | 72.4 | 68.7 | 68.6 | 70.1 | 71.7 | 71.9 | 73.1 | 73.5 | 73.8 | 73.9 | 74.1 | 74.1 | 74.3 | 74.3 | 74.5 | 74.6 |
| ≥ 1800 | 72.9 | 69.4 | 69.6 | 71.1 | 72.3 | 73.0 | 74.4 | 75.3 | 75.8 | 75.9 | 76.1 | 76.1 | 76.3 | 76.3 | 76.6 | 76.7 |
| ≥ 1500 | 73.4 | 69.8 | 70.4 | 72.2 | 74.1 | 74.3 | 76.0 | 77.2 | 78.2 | 78.3 | 79.0 | 79.0 | 79.2 | 79.2 | 79.5 | 79.6 |
| ≥ 1200 | 75.4 | 71.9 | 73.3 | 74.9 | 76.9 | 77.1 | 79.1 | 80.5 | 81.7 | 83.0 | 83.4 | 83.4 | 83.6 | 83.6 | 84.1 | 84.2 |
| ≥ 1000 | 75.9 | 71.7 | 74.0 | 76.1 | 78.1 | 78.3 | 80.4 | 82.2 | 83.2 | 85.4 | 86.2 | 86.3 | 86.7 | 86.7 | 86.9 | 87.0 |
| ≥ 900 | 76.0 | 71.8 | 74.1 | 76.2 | 78.2 | 78.4 | 80.5 | 82.7 | 83.5 | 86.1 | 87.4 | 87.5 | 87.8 | 87.8 | 88.1 | 88.2 |
| ≥ 800 | 76.5 | 72.6 | 74.9 | 77.1 | 79.1 | 79.2 | 81.4 | 83.6 | 84.4 | 87.2 | 88.9 | 89.1 | 89.5 | 89.5 | 89.7 | 89.8 |
| ≥ 700 | 76.7 | 73.2 | 75.4 | 77.7 | 79.7 | 79.9 | 82.2 | 84.3 | 85.1 | 87.8 | 89.8 | 90.1 | 90.5 | 90.5 | 90.8 | 90.9 |
| ≥ 600 | 76.9 | 74.8 | 76.3 | 78.9 | 80.9 | 81.1 | 83.2 | 84.9 | 86.3 | 89.4 | 91.3 | 91.6 | 92.0 | 92.0 | 92.3 | 92.4 |
| ≥ 500 | 77.2 | 74.5 | 77.1 | 79.7 | 81.6 | 81.8 | 84.2 | 85.7 | 87.1 | 90.1 | 92.0 | 92.4 | 93.1 | 93.1 | 93.3 | 93.4 |
| ≥ 400 | 77.6 | 75.4 | 78.1 | 80.8 | 82.8 | 83.0 | 85.6 | 86.9 | 88.3 | 91.3 | 93.2 | 93.6 | 94.6 | 94.6 | 95.1 | 95.2 |
| ≥ 300 | 77.8 | 75.4 | 78.2 | 81.0 | 83.2 | 83.2 | 85.9 | 87.2 | 88.6 | 91.6 | 93.5 | 93.9 | 95.1 | 95.1 | 95.7 | 95.9 |
| ≥ 200 | 77.8 | 75.5 | 78.5 | 81.4 | 84.2 | 84.4 | 86.8 | 88.6 | 90.0 | 93.4 | 95.4 | 95.8 | 97.0 | 97.0 | 97.6 | 97.7 |
| ≥ 100 | 77.8 | 75.5 | 78.8 | 81.8 | 84.5 | 84.9 | 87.6 | 89.5 | 91.9 | 94.4 | 96.3 | 96.6 | 98.0 | 98.0 | 98.6 | 99.1 |
| ≥ 0 | 77.8 | 75.5 | 78.8 | 81.9 | 84.5 | 84.9 | 87.7 | 89.6 | 91.0 | 94.6 | 96.6 | 97.0 | 98.2 | 98.2 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-145 (OL-1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | 2 5/16 | ≥1 | ≥0 |
| NO CEILING | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 23.6 | 24.1 | 24.1 | 24.1 | 24.1 | 24.2 | 24.3 | 24.4 | 24.5 | 24.5 | 24.6 |
| ≥ 20000 | 23.1 | 24.7 | 25.1 | 25.5 | 25.5 | 25.5 | 25.7 | 25.7 | 25.7 | 25.7 | 25.8 | 25.9 | 26.1 | 26.2 | 26.3 | 26.7 |
| ≥ 18000 | 23.2 | 24.8 | 25.2 | 25.6 | 25.6 | 25.6 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.9 | 26.0 | 26.2 | 26.3 | 26.8 |
| ≥ 16000 | 23.4 | 25.1 | 25.4 | 25.8 | 25.8 | 25.8 | 26.0 | 26.0 | 26.0 | 26.0 | 26.1 | 26.2 | 26.3 | 26.5 | 26.6 | 26.7 |
| ≥ 14000 | 28.0 | 27.2 | 27.6 | 28.1 | 28.1 | 28.1 | 28.3 | 28.3 | 28.3 | 28.3 | 28.4 | 28.5 | 28.7 | 28.9 | 28.9 | 29 |
| ≥ 12000 | 29.1 | 30.8 | 31.2 | 31.3 | 31.3 | 31.3 | 31.5 | 31.5 | 31.5 | 31.5 | 31.6 | 31.7 | 32.0 | 32.2 | 32.3 | 32. |
| ≥ 10000 | 32.2 | 33.8 | 34.2 | 34.3 | 34.3 | 34.3 | 34.5 | 34.5 | 34.5 | 34.5 | 34.6 | 34.7 | 35.0 | 35.2 | 35.3 | 35. |
| ≥ 9000 | 35.4 | 37.1 | 37.5 | 37.8 | 37.8 | 37.8 | 38.0 | 38.0 | 38.0 | 38.0 | 38.1 | 38.2 | 38.4 | 38.7 | 38.8 | 39. |
| ≥ 8000 | 40.0 | 42.2 | 42.7 | 43.2 | 43.2 | 43.2 | 43.7 | 43.7 | 43.7 | 43.7 | 43.8 | 43.9 | 44.1 | 44.2 | 44.3 | 44.6 |
| ≥ 7000 | 43.4 | 45.6 | 46.1 | 46.5 | 46.5 | 46.5 | 47.1 | 47.1 | 47.4 | 47.4 | 47.5 | 47.6 | 47.8 | 48.1 | 48.2 | 48.5 |
| ≥ 6000 | 48.6 | 49.2 | 49.8 | 50.3 | 50.3 | 50.3 | 50.8 | 50.8 | 50.9 | 50.9 | 51.0 | 51.1 | 51.3 | 51.5 | 51.6 | 51. |
| ≥ 5000 | 51.9 | 54.7 | 55.4 | 56.5 | 56.6 | 56.6 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.3 | 57.5 | 57.7 | 57.8 | 58.2 |
| ≥ 4500 | 54.7 | 57.7 | 58.5 | 59.5 | 59.7 | 59.7 | 60.1 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 | 60.6 | 60.9 | 61.0 | 61.3 |
| ≥ 4000 | 57.7 | 61.0 | 61.7 | 62.9 | 63.0 | 63.0 | 63.4 | 63.4 | 63.5 | 63.5 | 63.7 | 63.8 | 64.0 | 64.2 | 64.3 | 64.6 |
| ≥ 3500 | 63.6 | 67.3 | 68.0 | 69.3 | 69.4 | 69.4 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 | 70.4 | 70.6 | 70.7 | 71.0 |
| ≥ 3000 | 65.2 | 68.9 | 69.9 | 71.3 | 71.4 | 71.4 | 71.8 | 71.8 | 71.9 | 71.9 | 72.1 | 72.2 | 72.4 | 72.6 | 72.7 | 73. |
| ≥ 2500 | 71.2 | 75.7 | 76.9 | 78.6 | 78.8 | 78.8 | 79.2 | 79.2 | 79.3 | 79.3 | 79.5 | 79.6 | 79.8 | 80.0 | 80.1 | 80.4 |
| ≥ 2000 | 72.4 | 77.3 | 78.7 | 80.7 | 81.0 | 81.0 | 81.4 | 81.4 | 81.5 | 81.5 | 81.7 | 81.8 | 82.0 | 82.2 | 82.3 | 82.6 |
| ≥ 1800 | 72.5 | 77.5 | 78.9 | 81.0 | 81.3 | 81.3 | 81.7 | 81.7 | 81.8 | 81.8 | 82.0 | 82.1 | 82.3 | 82.5 | 82.6 | 82.9 |
| ≥ 1500 | 73.1 | 78.4 | 79.8 | 82.0 | 82.3 | 82.3 | 82.7 | 82.7 | 82.8 | 82.8 | 83.0 | 83.1 | 83.3 | 83.5 | 83.6 | 83.9 |
| ≥ 1200 | 74.9 | 81.1 | 82.7 | 85.3 | 85.7 | 85.7 | 86.2 | 86.2 | 86.3 | 86.3 | 86.5 | 86.6 | 86.8 | 87.0 | 87.1 | 87.4 |
| ≥ 1000 | 80.0 | 86.6 | 88.4 | 91.3 | 91.8 | 91.8 | 92.3 | 92.3 | 92.4 | 92.4 | 92.6 | 92.7 | 92.9 | 93.1 | 93.2 | 93.5 |
| ≥ 900 | 80.6 | 87.5 | 89.4 | 92.5 | 93.0 | 93.0 | 93.5 | 93.5 | 93.6 | 93.6 | 93.8 | 93.9 | 94.1 | 94.3 | 94.4 | 94.7 |
| ≥ 800 | 81.0 | 88.0 | 89.9 | 93.1 | 93.6 | 93.6 | 94.1 | 94.1 | 94.2 | 94.2 | 94.4 | 94.5 | 94.7 | 94.9 | 95.0 | 95.3 |
| ≥ 700 | 81.9 | 89.1 | 91.1 | 94.4 | 94.9 | 94.9 | 95.4 | 95.4 | 95.5 | 95.5 | 95.7 | 95.8 | 96.0 | 96.2 | 96.3 | 96.6 |
| ≥ 600 | 82.1 | 89.4 | 91.4 | 94.8 | 95.3 | 95.3 | 95.8 | 95.8 | 95.9 | 95.9 | 96.1 | 96.2 | 96.4 | 96.6 | 96.7 | 97.0 |
| ≥ 500 | 82.4 | 89.8 | 91.8 | 95.2 | 95.7 | 95.7 | 96.2 | 96.2 | 96.3 | 96.3 | 96.5 | 96.6 | 96.8 | 97.0 | 97.1 | 97.4 |
| ≥ 400 | 82.7 | 90.2 | 92.2 | 95.6 | 96.1 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.9 | 97.0 | 97.2 | 97.4 | 97.5 | 97.8 |
| ≥ 300 | 82.9 | 90.4 | 92.4 | 95.8 | 96.3 | 96.3 | 96.8 | 96.8 | 96.9 | 96.9 | 97.1 | 97.2 | 97.4 | 97.6 | 97.7 | 98.0 |
| ≥ 200 | 83.0 | 90.5 | 92.5 | 96.0 | 96.5 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.6 | 97.8 | 97.9 | 98.2 |
| ≥ 100 | 83.0 | 90.5 | 92.5 | 96.0 | 96.5 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.6 | 97.8 | 97.9 | 98.2 |
| ≥ 0 | 83.0 | 90.5 | 92.5 | 96.0 | 96.5 | 96.5 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.6 | 97.8 | 97.9 | 98.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] PEASE GEORGE [illegible] INT ARPT 57-66
STATION NAME YEARS

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

[illegible] 1200-1400
HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | ≥0 |
| NO CEILING | 4.4 | 25.3 | 25.9 | 26.3 | 26.3 | 26.5 | 26.5 | 26.5 | 26.5 | 26.5 | 26.7 | 26.8 | 26.9 | 26.9 | 26.9 | 26.9 |
| ≥ 20000 | 27.0 | 27.6 | 28.3 | 28.9 | 28.9 | 29.1 | 29.1 | 29.1 | 29.0 | 29.0 | 29.2 | 29.4 | 29.5 | 29.5 | 29.5 | 29.5 |
| ≥ 18000 | 28.3 | 29.2 | 29.7 | 30.3 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 30.8 | 30.9 | 30.9 | 30.9 | 30.9 |
| ≥ 16000 | 28.8 | 29.7 | 30.4 | 30.9 | 30.9 | 31.0 | 31.0 | 31.0 | 31.0 | 31.0 | 31.2 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 |
| ≥ 14000 | 31.4 | 32.4 | 33.1 | 33.4 | 33.4 | 33.5 | 33.5 | 33.5 | 33.5 | 33.5 | 33.6 | 33.7 | 34.0 | 34.0 | 34.0 | 34.0 |
| ≥ 12000 | 34.8 | 35.9 | 36.5 | 37.0 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.3 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 |
| ≥ 10000 | 37.5 | 38.5 | 39.1 | 39.7 | 39.7 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 40.0 | 40.1 | 40.2 | 40.2 | 40.2 | 40.2 |
| ≥ 9000 | 41.6 | 42.7 | 43.3 | 43.9 | 43.9 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.3 | 44.4 | 44.5 | 44.5 | 44.5 | 44.5 |
| ≥ 8000 | 46.2 | 47.4 | 48.1 | 48.6 | 48.6 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.1 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 |
| ≥ 7000 | 50.0 | 51.7 | 52.4 | 52.9 | 52.9 | 53.2 | 53.2 | 53.2 | 53.3 | 53.3 | 53.5 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 |
| ≥ 6000 | 52.3 | 54.2 | 54.8 | 55.2 | 55.3 | 55.7 | 55.7 | 55.7 | 56.0 | 56.0 | 56.2 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 5000 | 55.3 | 57.2 | 58.0 | 58.5 | 58.6 | 59.0 | 59.0 | 59.2 | 59.4 | 59.4 | 59.6 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≥ 4500 | 59.3 | 62.0 | 62.8 | 63.3 | 63.4 | 63.9 | 63.9 | 64.1 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 4000 | 62.5 | 65.3 | 66.2 | 66.8 | 66.9 | 67.3 | 67.3 | 67.5 | 67.6 | 67.6 | 67.8 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 3500 | 68.4 | 71.5 | 72.3 | 72.8 | 72.8 | 73.2 | 73.2 | 73.4 | 73.5 | 73.5 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 3000 | 74.3 | 77.1 | 77.9 | 78.4 | 78.4 | 78.8 | 78.8 | 79.0 | 79.1 | 79.1 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 2500 | 77.7 | 80.5 | 81.3 | 81.9 | 82.0 | 82.4 | 82.4 | 82.6 | 82.7 | 82.7 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 2000 | 81.1 | 83.9 | 84.7 | 85.3 | 85.4 | 85.8 | 85.8 | 86.0 | 86.1 | 86.1 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1800 | 82.6 | 85.4 | 86.2 | 86.8 | 86.9 | 87.3 | 87.3 | 87.5 | 87.6 | 87.6 | 87.8 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1500 | 84.9 | 87.8 | 88.6 | 89.2 | 89.3 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1200 | 87.2 | 90.2 | 91.0 | 91.6 | 91.7 | 92.1 | 92.1 | 92.3 | 92.4 | 92.4 | 92.6 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 1000 | 88.6 | 91.6 | 92.4 | 93.0 | 93.1 | 93.5 | 93.5 | 93.7 | 93.8 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 900 | 89.4 | 92.4 | 93.2 | 93.8 | 93.9 | 94.3 | 94.3 | 94.5 | 94.6 | 94.6 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 800 | 90.6 | 93.7 | 94.5 | 95.1 | 95.2 | 95.6 | 95.6 | 95.8 | 95.9 | 95.9 | 96.1 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 700 | 91.8 | 94.9 | 95.7 | 96.3 | 96.4 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 92.4 | 95.5 | 96.3 | 96.9 | 97.0 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.9 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 500 | 93.4 | 96.5 | 97.3 | 97.9 | 98.0 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 94.2 | 97.3 | 98.1 | 98.7 | 98.8 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.6 | 97.7 | 98.5 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.6 | 97.7 | 98.5 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.6 | 97.7 | 98.5 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.6 | 97.7 | 98.5 | 99.1 | 99.2 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 29.4 | 29.5 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 |
| ≥ 20000 | 28.3 | 29.7 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.1 | 30.2 | 30.2 | 30.2 |
| ≥ 18000 | 29.6 | 30.0 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.5 | 30.5 | 30.5 | 30.5 |
| ≥ 16000 | 30.2 | 31.6 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.0 | 32.2 | 32.2 | 32.2 | 32.2 |
| ≥ 14000 | 31.9 | 33.4 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 33.9 | 34.0 | 34.0 | 34.0 | 34.0 |
| ≥ 12000 | 35.3 | 35.8 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 |
| ≥ 10000 | 38.4 | 40.1 | 40.3 | 40.3 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.5 | 40.6 | 40.6 | 40.6 | 40.6 |
| ≥ 9000 | 41.5 | 43.3 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.8 | 43.9 | 44.9 | 43.9 | 43.9 |
| ≥ 8000 | 43.3 | 47.1 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 7000 | 47.8 | 51.6 | 52.5 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.9 | 52.9 | 52.9 |
| ≥ 6000 | 53.4 | 55.5 | 56.1 | 56.5 | 56.5 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 |
| ≥ 5000 | 57.4 | 59.6 | 60.2 | 60.5 | 60.5 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 61.0 | 61.0 | 61.0 |
| ≥ 4500 | 60.6 | 62.9 | 63.5 | 64.1 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 | 64.6 | 64.6 |
| ≥ 4000 | 64.9 | 67.4 | 68.3 | 69.0 | 69.2 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 |
| ≥ 3500 | 66.7 | 69.5 | 70.4 | 71.3 | 71.6 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 |
| ≥ 3000 | 69.6 | 72.4 | 73.3 | 74.2 | 74.6 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.6 | 75.6 |
| ≥ 2500 | 71.6 | 75.6 | 76.6 | 77.5 | 78.2 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 |
| ≥ 2000 | 73.4 | 78.3 | 79.9 | 80.2 | 81.1 | 81.6 | 81.6 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 |
| ≥ 1800 | 74.9 | 77.1 | 78.1 | 81.4 | 82.3 | 82.9 | 82.9 | 83.4 | 83.4 | 83.6 | 83.8 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 |
| ≥ 1500 | 75.7 | 80.0 | 81.2 | 82.5 | 83.3 | 84.0 | 84.1 | 84.7 | 84.8 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 |
| ≥ 1200 | 76.7 | 81.7 | 82.4 | 84.0 | 84.9 | 85.7 | 85.8 | 86.6 | 86.8 | 87.7 | 88.1 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 |
| ≥ 1000 | 77.1 | 82.4 | 83.7 | 85.3 | 86.2 | 87.0 | 87.1 | 88.0 | 88.3 | 90.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 |
| ≥ 900 | 77.2 | 82.5 | 83.9 | 85.7 | 86.8 | 87.5 | 87.6 | 88.6 | 88.9 | 90.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.4 | 92.4 |
| ≥ 800 | 77.2 | 82.7 | 84.2 | 86.0 | 87.2 | 88.0 | 88.3 | 89.2 | 89.6 | 91.5 | 92.9 | 93.1 | 93.3 | 93.3 | 93.4 | 93.4 |
| ≥ 700 | 77.7 | 83.3 | 84.9 | 87.5 | 88.2 | 88.9 | 89.2 | 90.2 | 90.6 | 92.8 | 94.3 | 94.6 | 94.8 | 94.8 | 94.9 | 94.9 |
| ≥ 600 | 78.3 | 84.9 | 86.7 | 87.7 | 88.9 | 89.7 | 90.0 | 91.0 | 91.4 | 93.5 | 95.5 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 |
| ≥ 500 | 78.4 | 84.1 | 85.9 | 88.0 | 89.1 | 89.9 | 90.5 | 91.5 | 92.0 | 94.2 | 96.2 | 96.8 | 97.3 | 97.5 | 97.7 | 97.7 |
| ≥ 400 | 78.5 | 84.4 | 86.3 | 88.4 | 89.6 | 90.3 | 91.4 | 92.4 | 92.8 | 94.9 | 97.0 | 97.5 | 98.1 | 98.4 | 98.5 | 98.5 |
| ≥ 300 | 78.5 | 84.4 | 86.3 | 88.5 | 89.8 | 90.5 | 91.5 | 92.9 | 93.3 | 95.6 | 97.6 | 98.2 | 98.7 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 78.5 | 84.4 | 86.3 | 88.5 | 89.8 | 90.5 | 91.5 | 93.0 | 93.4 | 95.7 | 97.7 | 98.3 | 98.8 | 99.0 | 99.2 | 99.2 |
| ≥ 100 | 78.5 | 84.4 | 86.3 | 88.5 | 89.8 | 90.5 | 91.7 | 93.2 | 93.7 | 95.9 | 98.0 | 98.5 | 99.0 | 99.2 | 99.3 | 99.3 |
| ≥ 0 | 78.5 | 84.4 | 86.3 | 88.5 | 89.8 | 90.5 | 91.7 | 93.2 | 93.7 | 95.9 | 98.0 | 98.5 | 99.1 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

AFS PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] STATION NAME 57-66 YEARS [illegible] MONTH

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

[illegible] HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 27.4 | 29.6 | 29.4 | 29.5 | 29.6 | 29.6 | 29.6 | 29.7 | 29.7 | 29.8 | 30.2 | 30.3 | 30.3 | 30.4 | 30.4 | 30.4 |
| ≥ 20000 | 29.9 | 30.1 | 30.9 | 31.0 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.3 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 |
| ≥ 18000 | 29.9 | 30.1 | 30.9 | 31.0 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.3 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 |
| ≥ 16000 | 29.9 | 31.0 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 | 32.0 | 32.0 | 32.2 | 32.6 | 32.6 | 32.7 | 32.8 | 32.8 | 32.8 |
| ≥ 14000 | 31.8 | 32.7 | 33.5 | 33.7 | 33.8 | 33.8 | 33.8 | 33.9 | 33.9 | 34.0 | 34.4 | 34.4 | 34.5 | 34.6 | 34.6 | 34.6 |
| ≥ 12000 | 34.1 | 35.5 | 35.8 | 36.5 | 36.6 | 36.9 | 36.9 | 36.9 | 36.7 | 36.8 | 37.2 | 37.2 | 37.3 | 37.4 | 37.4 | 37.4 |
| ≥ 10000 | 37.8 | 39.4 | 40.2 | 40.8 | 40.5 | 40.5 | 40.5 | 40.5 | 40.6 | 40.8 | 41.2 | 41.2 | 41.3 | 41.4 | 41.4 | 41.4 |
| ≥ 9000 | 39.7 | 41.3 | 42.3 | 42.5 | 42.7 | 42.7 | 42.7 | 42.7 | 42.8 | 42.9 | 43.3 | 43.3 | 43.4 | 43.5 | 43.5 | 43.5 |
| ≥ 8000 | 44.0 | 46.1 | 47.1 | 47.3 | 47.5 | 47.5 | 47.5 | 47.6 | 47.6 | 47.7 | 48.2 | 48.2 | 48.3 | 48.4 | 48.4 | 48.4 |
| ≥ 7000 | 50.1 | 52.5 | 53.5 | 53.8 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.3 | 54.7 | 54.7 | 54.8 | 54.9 | 54.9 | 54.9 |
| ≥ 6000 | 51.7 | 54.2 | 55.4 | 55.8 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 | 56.6 | 56.6 | 56.7 | 56.8 | 56.8 | 56.8 |
| ≥ 5000 | 56.2 | 58.8 | 60.0 | 60.2 | 60.6 | 60.6 | 60.6 | 60.7 | 60.8 | 60.9 | 61.3 | 61.3 | 61.4 | 61.4 | 61.5 | 61.5 |
| ≥ 4500 | 58.1 | 60.9 | 62.0 | 62.3 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 | 63.0 | 63.4 | 63.4 | 63.5 | 63.7 | 63.7 | 63.7 |
| ≥ 4000 | 60.3 | 63.4 | 64.7 | 64.9 | 65.7 | 65.7 | 65.7 | 66.0 | 66.0 | 66.1 | 66.6 | 66.6 | 66.7 | 66.8 | 66.8 | 66.8 |
| ≥ 3500 | 61.8 | 65.7 | 67.1 | 67.4 | 68.4 | 68.5 | 68.5 | 68.8 | 68.8 | 68.9 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 |
| ≥ 3000 | 63.3 | 67.5 | 68.9 | 69.6 | 70.9 | 71.0 | 71.0 | 71.3 | 71.3 | 71.4 | 71.8 | 71.8 | 71.9 | 72.0 | 72.0 | 72.0 |
| ≥ 2500 | 65.3 | 70.1 | 71.0 | 72.3 | 73.8 | 74.1 | 74.3 | 74.7 | 74.7 | 74.8 | 75.3 | 75.3 | 75.4 | 75.5 | 75.5 | 75.5 |
| ≥ 2000 | 76.0 | 77.9 | 78.4 | 79.3 | 79.9 | 80.2 | 80.3 | 80.7 | 80.7 | 80.8 | 81.2 | 81.2 | 81.3 | 81.4 | 81.4 | 81.4 |
| ≥ 1800 | 77.0 | 78.3 | 79.0 | 80.0 | 80.1 | 80.4 | 80.8 | 81.4 | 81.5 | 81.6 | 82.0 | 82.0 | 82.1 | 82.2 | 82.2 | 82.2 |
| ≥ 1500 | 78.4 | 80.1 | 80.8 | 82.0 | 82.5 | 82.9 | 83.0 | 83.6 | 83.7 | 83.8 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 |
| ≥ 1200 | 80.2 | 82.5 | 83.2 | 84.4 | 85.1 | 85.4 | 85.6 | 86.2 | 86.3 | 86.4 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.0 |
| ≥ 1000 | 80.2 | 82.8 | 83.5 | 84.8 | 85.5 | 85.8 | 86.0 | 86.6 | 86.7 | 86.8 | 87.2 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 |
| ≥ 900 | 80.6 | 83.3 | 84.0 | 85.3 | 86.0 | 86.3 | 86.5 | 87.1 | 87.2 | 87.3 | 87.7 | 87.7 | 87.8 | 87.9 | 87.9 | 87.9 |
| ≥ 800 | 81.2 | 84.2 | 85.0 | 86.4 | 87.2 | 87.5 | 87.7 | 88.3 | 88.4 | 88.5 | 88.9 | 88.9 | 89.0 | 89.1 | 89.1 | 89.1 |
| ≥ 700 | 81.4 | 84.5 | 85.3 | 86.8 | 87.6 | 87.9 | 88.1 | 88.7 | 88.8 | 88.9 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 | 89.5 |
| ≥ 600 | 81.5 | 84.8 | 85.7 | 87.3 | 88.2 | 88.5 | 88.7 | 89.3 | 89.4 | 89.5 | 89.9 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 |
| ≥ 500 | 81.6 | 84.9 | 85.8 | 87.4 | 88.3 | 88.6 | 88.8 | 89.4 | 89.5 | 89.6 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 |
| ≥ 400 | 81.7 | 85.0 | 85.9 | 87.5 | 88.4 | 88.7 | 88.9 | 89.5 | 89.6 | 89.7 | 90.1 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 |
| ≥ 300 | 82.2 | 85.1 | 86.1 | 87.7 | 88.7 | 89.0 | 89.2 | 89.8 | 89.9 | 90.0 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 |
| ≥ 200 | 82.2 | 85.1 | 86.1 | 87.7 | 88.7 | 89.0 | 89.2 | 89.8 | 89.9 | 90.0 | 90.4 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 |
| ≥ 100 | 82.3 | 85.2 | 86.2 | 87.8 | 88.8 | 89.1 | 89.3 | 89.9 | 90.0 | 90.1 | 90.5 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 |
| ≥ 0 | 82.3 | 85.2 | 86.2 | 87.8 | 88.8 | 89.1 | 89.3 | 89.9 | 90.0 | 90.1 | 90.5 | 90.5 | 90.6 | 90.7 | 90.7 | 90.7 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
[illegible] EAT FM [illegible]/AG

# CEILING VERSUS VISIBILITY

[illegible] [illegible] 67-68

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

[illegible]

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 31.6 | 32.4 | 32.4 | 32.6 | 32.6 | 32.6 | 32.8 | 32.8 | 32.8 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.3 | 33.7 |
| ≥ 20000 | 33.2 | 34.0 | 34.0 | 34.2 | 34.2 | 34.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.3 |
| ≥ 18000 | 33.2 | 34.0 | 34.0 | 34.2 | 34.2 | 34.2 | 34.4 | 34.4 | 34.4 | 34.4 | 34.5 | 34.6 | 34.7 | 34.8 | 34.9 | 35.3 |
| ≥ 16000 | 33.7 | 34.4 | 34.4 | 34.6 | 34.6 | 34.6 | 34.8 | 34.8 | 34.8 | 34.8 | 34.9 | 35.0 | 35.2 | 35.3 | 35.4 | 35.7 |
| ≥ 14000 | 34.5 | 35.6 | 35.6 | 35.8 | 35.8 | 35.8 | 36.0 | 36.0 | 36.0 | 36.0 | 36.1 | 36.2 | 36.3 | 36.5 | 36.6 | 36.9 |
| ≥ 12000 | 36.3 | 37.4 | 37.4 | 37.6 | 37.6 | 37.6 | 37.8 | 37.8 | 37.8 | 37.8 | 38.0 | 38.1 | 38.2 | 38.3 | 38.4 | 38.7 |
| ≥ 10000 | 40.1 | 41.2 | 41.2 | 41.4 | 41.4 | 41.4 | 41.6 | 41.6 | 41.6 | 41.6 | 41.7 | 41.8 | 41.9 | 42.0 | 42.2 | 42.5 |
| ≥ 9000 | 43.0 | 44.4 | 44.4 | 44.6 | 44.6 | 44.6 | 44.8 | 44.8 | 44.8 | 44.8 | 44.9 | 45.1 | 45.2 | 45.3 | 45.5 | 46.0 |
| ≥ 8000 | 46.6 | 48.0 | 48.0 | 48.3 | 48.3 | 48.3 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.9 | 49.0 | 49.2 | 49.4 | 49.9 |
| ≥ 7000 | 51.7 | 53.1 | 53.1 | 53.4 | 53.7 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 | 54.3 | 54.4 | 54.5 | 54.7 | 55.3 |
| ≥ 6000 | 53.3 | 54.7 | 54.7 | 55.1 | 55.3 | 55.3 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 | 55.9 | 55.9 | 56.1 | 56.3 | 56.9 |
| ≥ 5000 | 57.4 | 59.1 | 59.1 | 59.3 | 59.7 | 59.7 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.4 | 60.6 | 61.0 | 61.6 |
| ≥ 4500 | 60.1 | 61.9 | 61.9 | 62.3 | 62.7 | 62.7 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.3 | 63.4 | 63.7 | 64.1 | 64.6 |
| ≥ 4000 | 61.4 | 64.3 | 64.3 | 65.1 | 65.9 | 65.9 | 66.3 | 66.3 | 66.3 | 66.3 | 66.6 | 66.7 | 66.8 | 67.0 | 67.3 | 67.7 |
| ≥ 3500 | 63.2 | 66.1 | 66.3 | 67.1 | 68.2 | 68.5 | 69.0 | 69.0 | 69.0 | 69.0 | 69.1 | 69.2 | 69.4 | 69.6 | 69.9 | 70.3 |
| ≥ 3000 | 64.3 | 67.6 | 68.4 | 69.2 | 70.6 | 71.2 | 71.8 | 71.9 | 71.9 | 72.0 | 72.2 | 72.3 | 72.4 | 72.6 | 72.9 | 73.3 |
| ≥ 2500 | 66.7 | 70.6 | 71.5 | 72.5 | 74.1 | 74.5 | 75.5 | 75.7 | 75.7 | 75.8 | 76.0 | 76.1 | 76.2 | 76.5 | 76.8 | 77.3 |
| ≥ 2000 | 68.5 | 72.7 | 73.5 | 74.6 | 76.5 | 77.0 | 78.2 | 78.5 | 78.6 | 79.2 | 79.5 | 79.6 | 79.8 | 80.0 | 80.4 | 80.9 |
| ≥ 1800 | 69.8 | 73.1 | 74.0 | 75.1 | 77.2 | 77.7 | 79.1 | 79.7 | 79.7 | 80.3 | 80.6 | 80.8 | 81.0 | 81.2 | 81.6 | 82.1 |
| ≥ 1500 | 70.6 | 74.1 | 74.9 | 76.0 | 78.3 | 78.8 | 80.6 | 81.3 | 81.3 | 81.9 | 82.3 | 82.4 | 82.6 | 82.8 | 83.2 | 83.7 |
| ≥ 1200 | 73.2 | 75.3 | 76.2 | 77.6 | 79.9 | 80.5 | 82.4 | 84.2 | 84.4 | 85.6 | 86.0 | 86.1 | 86.3 | 86.6 | 87.0 | 87.4 |
| ≥ 1000 | 73.9 | 76.2 | 77.3 | 78.7 | 81.1 | 81.7 | 83.6 | 85.4 | 85.6 | 86.9 | 87.5 | 87.6 | 87.8 | 88.1 | 88.5 | 88.9 |
| ≥ 900 | 74.2 | 75.7 | 77.7 | 79.1 | 81.5 | 82.2 | 84.1 | 85.9 | 86.1 | 87.5 | 88.2 | 88.3 | 88.5 | 88.7 | 89.1 | 89.6 |
| ≥ 800 | 74.4 | 77.3 | 78.1 | 79.5 | 81.8 | 82.5 | 84.4 | 86.2 | 86.5 | 87.8 | 88.8 | 88.9 | 89.1 | 89.4 | 89.8 | 90.2 |
| ≥ 700 | 74.6 | 77.4 | 78.5 | 80.0 | 82.6 | 83.2 | 85.2 | 87.0 | 87.2 | 88.6 | 89.8 | 90.0 | 90.2 | 90.4 | 90.9 | 91.3 |
| ≥ 600 | 74.6 | 78.0 | 79.1 | 80.6 | 83.4 | 84.1 | 86.0 | 87.8 | 88.1 | 89.5 | 90.6 | 90.9 | 91.1 | 91.3 | 91.7 | 92.2 |
| ≥ 500 | 74.6 | 79.2 | 80.5 | 82.0 | 84.8 | 85.6 | 87.5 | 89.4 | 89.6 | 91.1 | 92.4 | 92.6 | 92.9 | 93.1 | 93.7 | 94.1 |
| ≥ 400 | 75.3 | 80.3 | 81.6 | 83.1 | 85.9 | 86.7 | 88.9 | 90.8 | 91.0 | 92.5 | 93.8 | 94.0 | 94.5 | 94.7 | 95.4 | 95.8 |
| ≥ 300 | 75.5 | 80.9 | 82.3 | 84.0 | 86.8 | 87.5 | 89.6 | 91.6 | 91.8 | 93.3 | 94.7 | 94.9 | 95.5 | 95.8 | 96.6 | 97.0 |
| ≥ 200 | 75.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.2 | 92.0 | 92.3 | 93.8 | 95.6 | 95.8 | 96.3 | 96.7 | 97.6 | 98.3 |
| ≥ 100 | 75.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.4 | 92.4 | 92.6 | 94.3 | 96.2 | 96.5 | 97.0 | 97.4 | 98.6 | 99.4 |
| ≥ 0 | 75.5 | 80.9 | 82.3 | 84.2 | 87.0 | 87.7 | 90.4 | 92.4 | 92.6 | 94.3 | 96.3 | 96.6 | 97.1 | 97.5 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM [illegible] 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
STA EAT CO BOULDER CO

# CEILING VERSUS VISIBILITY

[illegible] PRIVATE GROUND [illegible] 57-66 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | [illegible] | 40.8 | 41.1 | 41.1 | 41.1 | 41.6 | 41.[illegible] | 41.8 | 42.[illegible] | 42.4 | 42.[illegible] | 42.8 | 43.[illegible] | 43.4 | 43.4 |
| ≥ 20000 | 41.3 | 41.8 | 42.2 | 42.6 | 42.6 | 42.6 | 43.[illegible] | 43.3 | 43.3 | 43.4 | 43.9 | 44.[illegible] | 44.2 | 44.[illegible] | 44.[illegible] | 44.5 |
| ≥ 18000 | 41.6 | 42.2 | 42.6 | 42.9 | 42.9 | 43.[illegible] | 43.4 | 43.[illegible] | 43.6 | 43.7 | 44.2 | 44.[illegible] | 44.6 | 44.6 | 45.[illegible] | 45.7 |
| ≥ 16000 | 41.7 | 42.3 | 42.7 | 43.[illegible] | 43.[illegible] | 43.[illegible] | 43.5 | 43.7 | 43.7 | 43.9 | 44.3 | 44.4 | 44.7 | 44.7 | 45.[illegible] | 45.3 |
| ≥ 14000 | 42.9 | 43.5 | 43.9 | 44.2 | 44.2 | 44.2 | 44.7 | 44.[illegible] | 44.9 | 45.0 | 45.5 | 45.[illegible] | 45.9 | 45.[illegible] | 46.5 | 46.5 |
| ≥ 12000 | 44.1 | 44.[illegible] | 45.2 | 45.5 | 45.5 | 45.5 | 46.[illegible] | 46.[illegible] | 46.2 | 46.3 | 46.8 | 46.[illegible] | 47.2 | 47.2 | 47.8 | 47.8 |
| ≥ 10000 | 47.0 | 47.5 | 48.2 | 48.7 | 48.7 | 48.7 | 49.2 | 49.4 | 49.4 | 49.5 | 50.0 | 50.1 | 50.4 | 50.4 | 50.[illegible] | 50.[illegible] |
| ≥ 9000 | 49.1 | 49.9 | 50.[illegible] | 50.[illegible] | 50.[illegible] | 50.[illegible] | 51.3 | 51.5 | 51.5 | 51.7 | 52.1 | 52.3 | 52.7 | 52.7 | 53.4 | 53.4 |
| ≥ 8000 | 52.[illegible] | 53.3 | 54.3 | 53.[illegible] | 53.[illegible] | 53.[illegible] | 54.3 | 54.5 | 54.5 | 54.6 | 55.1 | 55.3 | 55.7 | 55.7 | 56.4 | 56.4 |
| ≥ 7000 | 58.[illegible] | 59.2 | 59.7 | 60.2 | 60.[illegible] | 60.[illegible] | 60.[illegible] | 61.[illegible] | 61.0 | 61.1 | 61.6 | 61.[illegible] | 62.2 | 62.2 | 62.[illegible] | 62.9 |
| ≥ 6000 | [illegible].3 | 61.5 | 62.1 | 62.5 | 62.6 | 62.6 | 63.1 | 63.[illegible] | 63.4 | 63.5 | 63.9 | 64.[illegible] | 64.5 | 64.5 | 65.[illegible] | 65.[illegible] |
| ≥ 5000 | [illegible].6 | 67.5 | 68.[illegible] | 68.6 | 68.7 | 68.7 | 69.1 | 69.4 | 69.4 | 69.5 | 70.0 | 70.[illegible] | 70.6 | 70.6 | 71.[illegible] | 71.4 |
| ≥ 4500 | [illegible].2 | 7[illegible].3 | 71.2 | 71.7 | 71.9 | 71.9 | 72.3 | 72.[illegible] | 72.6 | 72.7 | 73.2 | 73.[illegible] | 73.8 | 73.8 | 74.[illegible] | 74.6 |
| ≥ 4000 | 72.[illegible] | 74.2 | 75.2 | 75.8 | 75.9 | 75.9 | 76.[illegible] | 76.6 | 76.6 | 76.7 | 77.2 | 77.[illegible] | 77.9 | 77.9 | 78.7 | 78.7 |
| ≥ 3500 | 73.[illegible] | 75.7 | 76.7 | 77.5 | 77.9 | 77.9 | 78.4 | 78.[illegible] | 78.6 | 78.7 | 79.2 | 79.[illegible] | 79.9 | 79.9 | 80.7 | 80.7 |
| ≥ 3000 | 74.[illegible] | 77.1 | 78.[illegible] | 79.2 | 79.8 | 79.8 | 80.[illegible] | 80.[illegible] | 80.6 | 80.7 | 81.2 | 81.[illegible] | 81.9 | 81.9 | 82.7 | 82.7 |
| ≥ 2500 | 75.6 | 78.7 | 79.9 | 81.1 | 81.9 | 82.0 | 82.7 | 83.1 | 83.1 | 83.2 | 83.8 | 84.[illegible] | 84.5 | 84.5 | 85.3 | 85.3 |
| ≥ 2000 | 76.8 | 80.3 | 81.6 | 82.7 | 83.8 | 83.9 | 85.[illegible] | 86.[illegible] | 86.5 | 86.6 | 87.2 | 87.[illegible] | 87.9 | 87.9 | 88.8 | 88.8 |
| ≥ 1800 | 77.1 | 81.2 | 82.5 | 83.7 | 84.8 | 84.9 | 86.6 | 87.7 | 88.2 | 88.3 | 88.9 | 89.1 | 89.6 | 89.6 | 90.4 | 90.5 |
| ≥ 1500 | 77.2 | 81.6 | 84.[illegible] | 84.3 | 85.8 | 85.9 | 87.9 | 89.7 | 90.0 | 90.4 | 91.0 | 91.3 | 91.7 | 91.7 | 92.[illegible] | 92.7 |
| ≥ 1200 | 77.2 | 82.3 | 83.5 | 84.9 | 86.5 | 86.6 | 88.7 | 90.7 | 91.0 | 92.1 | 92.8 | 93.[illegible] | 93.5 | 93.5 | 94.3 | 94.4 |
| ≥ 1000 | 77.2 | 82.3 | 83.8 | 85.1 | 86.9 | 87.0 | 89.1 | 91.3 | 91.6 | 93.1 | 94.2 | 94.[illegible] | 95.0 | 95.0 | 95.9 | 96.[illegible] |
| ≥ 900 | 77.2 | 82.4 | 84.2 | 85.5 | 87.2 | 87.4 | 89.5 | 91.6 | 92.0 | 93.5 | 94.6 | 94.9 | 95.4 | 95.4 | 96.[illegible] | 96.3 |
| ≥ 800 | 77.[illegible] | 82.5 | 84.6 | 85.9 | 87.7 | 87.8 | 90.0 | 92.1 | 92.4 | 94.1 | 95.4 | 95.7 | 96.2 | 96.2 | 97.[illegible] | 97.2 |
| ≥ 700 | 77.2 | 82.7 | 85.1 | 86.5 | 88.5 | 88.7 | 90.8 | 92.9 | 93.3 | 94.9 | 96.2 | 96.6 | 97.0 | 97.0 | 97.9 | 98.[illegible] |
| ≥ 600 | 77.2 | 82.7 | 85.1 | 86.5 | 88.3 | 88.7 | 90.8 | 92.9 | 93.3 | 94.9 | 96.2 | 96.6 | 97.0 | 97.0 | 97.9 | 98.[illegible] |
| ≥ 500 | 77.2 | 82.7 | 85.2 | 86.6 | 88.7 | 88.8 | 90.9 | 93.[illegible] | 93.4 | 95.2 | 96.5 | 96.[illegible] | 97.4 | 97.4 | 98.[illegible] | 98.3 |
| ≥ 400 | 77.2 | 83.0 | 85.5 | 86.9 | 88.9 | 89.0 | 91.1 | 93.4 | 93.7 | 95.6 | 96.9 | 97.3 | 97.9 | 97.9 | 98.7 | 98.8 |
| ≥ 300 | 77.2 | 83.0 | 85.5 | 86.9 | 88.9 | 89.0 | 91.1 | 93.4 | 93.7 | 95.6 | 96.9 | 97.3 | 97.9 | 97.9 | 98.7 | 98.8 |
| ≥ 200 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.5 | 93.7 | 94.1 | 96.1 | 97.4 | 97.8 | 98.5 | 98.5 | 99.[illegible] | 99.4 |
| ≥ 100 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.6 | 93.9 | 94.2 | 96.2 | 97.5 | 97.9 | 98.6 | 98.6 | 99.4 | 99.[illegible] |
| ≥ 0 | 77.2 | 83.1 | 85.7 | 87.1 | 89.2 | 89.4 | 91.6 | 93.9 | 94.2 | 96.2 | 97.5 | 97.9 | 98.6 | 98.6 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL-1) [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

57-66 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 41.2 | 40.9 | 40.9 | 41.1 | 41.3 | 41.3 | 41.3 | 41.7 | 41.7 | 42.0 | 42.2 | 42.3 | 42.7 | 42.7 | 42.8 | 42.9 |
| ≥ 20000 | 41.4 | 41.5 | 42.0 | 42.2 | 42.3 | 42.3 | 42.6 | 42. | 42.8 | 43.0 | 43.3 | 43.3 | 43.7 | 43.7 | 44. | 44.0 |
| ≥ 18000 | 41.4 | 42.0 | 42.1 | 42.3 | 42.4 | 42.4 | 42.7 | 42. | 42.9 | 43.1 | 43.4 | 43.4 | 43.9 | 43.9 | 44.1 | 44.1 |
| ≥ 16000 | 41.5 | 42.1 | 42.2 | 42.4 | 42.6 | 42.6 | 42.9 | 43. | 43.0 | 43.3 | 43.5 | 43.5 | 44.0 | 44.0 | 44.2 | 44.2 |
| ≥ 14000 | 42.7 | 43.3 | 43.4 | 43.6 | 43.7 | 43.7 | 44. | 44. | 44.2 | 44.4 | 44.7 | 44.7 | 45.2 | 45.2 | 45.4 | 45.4 |
| ≥ 12000 | 44.9 | 45.5 | 45.6 | 45.9 | 46. | 46. | 46. | 46. | 46.5 | 46.7 | 46.9 | 46. | 47.4 | 47.4 | 47.6 | 47.6 |
| ≥ 10000 | 48.6 | 49.3 | 49.4 | 49.6 | 49.8 | 50.0 | 50.4 | 50. | 50.8 | 50.7 | 50.9 | 51. | 51.4 | 51.4 | 51.7 | 51.7 |
| ≥ 9000 | 50.2 | 50.9 | 51.1 | 51.3 | 51.4 | 51.7 | 52. | 52. | 52.2 | 52.3 | 52.7 | 52.7 | 53.2 | 53.2 | 53.4 | 53.4 |
| ≥ 8000 | 53.1 | 53.8 | 53.9 | 54.1 | 54.3 | 54.5 | 54.8 | 55.1 | 55.1 | 55.4 | 55.7 | 55.7 | 56.1 | 56.1 | 56.4 | 56.4 |
| ≥ 7000 | 57.9 | 59.0 | 59.1 | 59.3 | 59.5 | 59.7 | 60.0 | 60. | 60.3 | 60.6 | 60.9 | 60. | 61.3 | 61.3 | 61.6 | 61.6 |
| ≥ 6000 | 60.0 | 61.2 | 61.3 | 61.6 | 61.7 | 61.9 | 62.4 | 62. | 62.5 | 62.9 | 63.1 | 63.1 | 63.6 | 63.6 | 63.8 | 63. |
| ≥ 5000 | 65.8 | 67.0 | 67.1 | 67.4 | 67.5 | 67.7 | 68.1 | 68. | 68.3 | 68.7 | 68.9 | 68.9 | 69.4 | 69.4 | 69.6 | 69.6 |
| ≥ 4500 | 68.1 | 69.6 | 69.9 | 70.1 | 70.3 | 70.5 | 71.0 | 71. | 71.3 | 71.5 | 71.9 | 71. | 72.3 | 72.3 | 72.5 | 72.5 |
| ≥ 4000 | 70.9 | 72.5 | 73.0 | 73.4 | 73.6 | 73.9 | 74.5 | 74. | 74.8 | 75.2 | 75.4 | 75.4 | 75.9 | 75.9 | 76.1 | 76.1 |
| ≥ 3500 | 72.6 | 74.6 | 75.3 | 76.2 | 76.5 | 76.7 | 77.4 | 77.7 | 77.7 | 78.0 | 78.3 | 78.4 | 78.8 | 78.8 | 79.1 | 79.1 |
| ≥ 3000 | 74.2 | 76.6 | 77.4 | 78.3 | 78.8 | 79.1 | 79.8 | 80.1 | 80.1 | 80.6 | 80.9 | 80.9 | 81.4 | 81.4 | 81.8 | 81.8 |
| ≥ 2500 | 76.4 | 78.1 | 79.9 | 81.1 | 81.4 | 81.8 | 82.5 | 83. | 83.0 | 83.5 | 83.7 | 83.7 | 84.3 | 84.3 | 84.5 | 84.5 |
| ≥ 2000 | 77.4 | 79.5 | 81.6 | 82.7 | 83.2 | 83.6 | 84.6 | 85.7 | 85.8 | 86.3 | 86.5 | 86.5 | 87.1 | 87.1 | 87.5 | 87.5 |
| ≥ 1800 | 77.5 | 79.9 | 81.8 | 83.0 | 83.5 | 83.8 | 85.3 | 86.4 | 86.5 | 87.0 | 87.2 | 87.2 | 87.8 | 87.8 | 88.2 | 88.2 |
| ≥ 1500 | 78.0 | 81.4 | 83.4 | 84.7 | 84.4 | 84.6 | 86.0 | 87.9 | 88.2 | 88.9 | 89.1 | 89.1 | 89.7 | 89.7 | 90.1 | 90.1 |
| ≥ 1200 | 78.6 | 82.3 | 84.5 | 85.7 | 85.7 | 86.1 | 88.1 | 89.6 | 90.2 | 91.3 | 91.5 | 91.5 | 92.1 | 92.1 | 92.4 | 92.4 |
| ≥ 1000 | 78.8 | 82.5 | 84.7 | 85.9 | 86.2 | 86.5 | 88.5 | 90.1 | 90.7 | 92.7 | 93.0 | 93.0 | 93.6 | 93.6 | 94.0 | 94.0 |
| ≥ 900 | 78.8 | 82.5 | 84.7 | 85.9 | 86.4 | 86.8 | 88.9 | 90.4 | 91.0 | 93.0 | 93.4 | 93.4 | 94.0 | 94.0 | 94.3 | 94.3 |
| ≥ 800 | 79.0 | 84.0 | 84.9 | 86.4 | 87.5 | 87.8 | 90.0 | 91.5 | 92.1 | 94.3 | 94.8 | 94.8 | 95.4 | 95.4 | 95.7 | 95.7 |
| ≥ 700 | 79.0 | 83.0 | 84.3 | 86.4 | 87.5 | 87.8 | 90.0 | 91.5 | 92.1 | 94.3 | 94.8 | 94.8 | 95.4 | 95.4 | 95.7 | 95.7 |
| ≥ 600 | 79.0 | 83.0 | 84.3 | 86.4 | 87.5 | 87.8 | 90.0 | 91.5 | 92.1 | 94.4 | 95.0 | 95.0 | 95.6 | 95.6 | 96.0 | 96.0 |
| ≥ 500 | 79.0 | 83.1 | 84.4 | 86.6 | 87.7 | 88.1 | 90.2 | 91.7 | 92.3 | 94.7 | 95.6 | 95.6 | 96.2 | 96.2 | 96.6 | 96.6 |
| ≥ 400 | 79.0 | 83.2 | 84.5 | 86.9 | 88.1 | 88.4 | 90.5 | 92.1 | 92.7 | 95.0 | 96.0 | 96.0 | 96.8 | 96.8 | 97.4 | 97.4 |
| ≥ 300 | 79.0 | 83.3 | 84.6 | 87.0 | 88.2 | 88.5 | 90.7 | 92.2 | 92.8 | 95.3 | 96.2 | 96.2 | 97.2 | 97.2 | 97.9 | 97.9 |
| ≥ 200 | 79.0 | 83.3 | 84.6 | 87.1 | 88.2 | 88.5 | 90.7 | 92.2 | 92.8 | 95.3 | 96.3 | 96.3 | 97.3 | 97.5 | 98.3 | 98.3 |
| ≥ 100 | 79.0 | 83.3 | 84.6 | 87.1 | 88.4 | 88.8 | 91.0 | 92.6 | 93.1 | 95.6 | 96.8 | 96.8 | 97.8 | 98.0 | 98.8 | 99.3 |
| ≥ 0 | 79.0 | 83.3 | 84.6 | 87.1 | 88.4 | 88.8 | 91.1 | 92.7 | 93.3 | 95.7 | 97.0 | 97.0 | 98.0 | 98.2 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 846

USAF ETAC 0145-OL1 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | <0 |
| NO CEILING | 7.6 | 37.1 | 37.3 | 37.9 | 38.[illegible] | [illegible] | 38.3 | 38.5 | 38.5 | 38.5 | 38.8 | 38.9 | 38.9 | 39.[illegible] | 39.[illegible] | 39.[illegible] |
| ≥ 20000 | [illegible] | 39.3 | 39.7 | 39.1 | 39.4 | 39.4 | 39.5 | 39.7 | 39.7 | 39.7 | 40.0 | 40.1 | 40.1 | 40.1 | 40.4 | 40.[illegible] |
| ≥ 18000 | [illegible] | 39.1 | 39.1 | 39.2 | 39.5 | 39.5 | 39.5 | 39.[illegible] | 39.8 | 39.8 | 40.1 | 40.1 | 40.2 | 40.2 | 40.5 | 40.[illegible] |
| ≥ 16000 | 39.7 | 40.0 | 40.0 | 40.1 | 40.3 | 40.3 | 40.4 | 40.7 | 40.7 | 40.7 | 40.9 | 40.9 | 41.0 | 41.[illegible] | 41.4 | 41.[illegible] |
| ≥ 14000 | 41.5 | 41.7 | 41.7 | 41.8 | 42.1 | 42.1 | 42.2 | 42.4 | 42.4 | 42.4 | 42.7 | 42.7 | 42.8 | 42.8 | 43.[illegible] | 43.[illegible] |
| ≥ 12000 | 43.3 | 43.7 | 43.7 | 43.[illegible] | 44.[illegible] | 44.1 | 44.2 | 44.4 | 44.4 | 44.4 | 44.7 | 44.7 | 44.8 | 44.8 | 45. | 45.3 |
| ≥ 10000 | 47.4 | 47.6 | 47.6 | 47.7 | 48.1 | 48.1 | 48.2 | 48.[illegible] | 48.6 | 48.7 | 49.1 | 49.1 | 49.2 | 49.2 | 49.[illegible] | 49.9 |
| ≥ 9000 | 49.6 | 49.9 | 49.9 | 50.1 | 50.4 | 50.4 | 50.5 | 50.[illegible] | 50.8 | 50.9 | 51.3 | 51.3 | 51.4 | 51.4 | 51.[illegible] | 52.1 |
| ≥ 8000 | 52.5 | 52.7 | 52.7 | 53.[illegible] | 53.[illegible] | 53.2 | 53.4 | 53.7 | 53.7 | 53.8 | 54.1 | 54.1 | 54.3 | 54.3 | 54.[illegible] | 55.[illegible] |
| ≥ 7000 | 56.5 | 56.9 | 57.1 | 57.3 | 57.6 | 57.6 | 57.[illegible] | 58.[illegible] | 58.0 | 58.2 | 58.5 | 58.5 | 58.6 | 58.[illegible] | 59.[illegible] | 59.[illegible] |
| ≥ 6000 | 57.8 | 58.2 | 58.4 | 58.6 | 58.9 | 58.9 | 59.1 | 59.[illegible] | 59.3 | 59.5 | 59.8 | 59.9 | 59.9 | 59.9 | 60.[illegible] | 60.6 |
| ≥ 5000 | 64.3 | 64.8 | 65.1 | 65.4 | 65.6 | 65.6 | 65.8 | 66.[illegible] | 66.1 | 66.2 | 66.5 | 66.[illegible] | 66.7 | 66.7 | 67.[illegible] | 67.4 |
| ≥ 4500 | 67.4 | 68.2 | 68.6 | 68.8 | 69.0 | 69.[illegible] | 69.3 | 69.[illegible] | 69.5 | 69.6 | 70.0 | 70.0 | 70.1 | 70.1 | 70.4 | 70.6 |
| ≥ 4000 | 70.4 | 72.[illegible] | 72.5 | 73.2 | 73.4 | 73.4 | 73.[illegible] | 73.[illegible] | 73.9 | 74.1 | 74.5 | 74.[illegible] | 74.6 | 74.6 | 74.[illegible] | 75.[illegible] |
| ≥ 3500 | 74.2 | 74.5 | 74.9 | 75.7 | 75.9 | 75.9 | 76.[illegible] | 76.5 | 76.5 | 76.7 | 77.1 | 77.1 | 77.2 | 77.2 | 77.[illegible] | 77.[illegible] |
| ≥ 3000 | 74.7 | 77.4 | 77.9 | 78.6 | 79.1 | 79.2 | 79.6 | 79.[illegible] | 79.9 | 80.1 | 80.5 | 80.[illegible] | 80.6 | 80.[illegible] | 81.[illegible] | 81.[illegible] |
| ≥ 2500 | 78.7 | [illegible] | 80.6 | 81.4 | 81.9 | 82.2 | 82.[illegible] | 83.3 | 83.5 | 83.7 | 84.0 | 84.[illegible] | 84.2 | 84.2 | 84.5 | 84.9 |
| ≥ 2000 | 77.9 | [illegible] | 82.[illegible] | 83.2 | 83.7 | 84.2 | 84.8 | 85.[illegible] | 85.6 | 85.9 | 86.3 | 86.[illegible] | 86.4 | 86.4 | 86.8 | 87.1 |
| ≥ 1800 | 78.[illegible] | 81.7 | 82.5 | 83.7 | 84.3 | 84.8 | 85.3 | 86.1 | 86.2 | 86.6 | 87.0 | 87.[illegible] | 87.1 | 87.1 | 87.[illegible] | 87.[illegible] |
| ≥ 1500 | 78.3 | 82.[illegible] | 82.9 | 84.2 | 85.[illegible] | 85.7 | 86.3 | 87.[illegible] | 87.6 | 88.[illegible] | 88.9 | 88.9 | 89.0 | 89.0 | 89.[illegible] | 89.[illegible] |
| ≥ 1200 | 79.[illegible] | 82.6 | 83.[illegible] | 84.9 | 85.9 | 86.4 | 87.[illegible] | 88.2 | 88.7 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.[illegible] | 91.[illegible] |
| ≥ 1000 | 78.[illegible] | 82.7 | 83.[illegible] | 85.[illegible] | 86.1 | 86.[illegible] | 87.[illegible] | 88.3 | 88.8 | 90.1 | 90.4 | 90.4 | 90.[illegible] | 90.[illegible] | 91.[illegible] | 91.[illegible] |
| ≥ 900 | 78.8 | 83.1 | 83.9 | 85.3 | 86.4 | 86.9 | 87.7 | 89.1 | 89.6 | 90.9 | 91.3 | 91.[illegible] | 91.6 | 91.6 | 92.[illegible] | 92.4 |
| ≥ 800 | 79.0 | 83.2 | 84.[illegible] | 85.7 | 86.8 | 87.2 | 88.[illegible] | 89.[illegible] | 90.1 | 91.[illegible] | 92.1 | 92.3 | 92.4 | 92.4 | 92.[illegible] | 93.[illegible] |
| ≥ 700 | 79.0 | 83.5 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.0 | 92.9 | 93.1 | 93.4 | 93.4 | 93.7 | 94.[illegible] |
| ≥ 600 | 79.[illegible] | 83.5 | 84.4 | 85.9 | 87.1 | 87.6 | 88.4 | 90.0 | 90.4 | 92.2 | 93.1 | 93.4 | 93.9 | 93.9 | 94.[illegible] | 94.[illegible] |
| ≥ 500 | 79.0 | 83.7 | 84.8 | 86.4 | 87.7 | 88.3 | 89.[illegible] | 90.[illegible] | 91.3 | 93.1 | 94.3 | 94.[illegible] | 95.6 | 95.6 | 96.[illegible] | 96.[illegible] |
| ≥ 400 | 79.1 | 84.9 | 85.0 | 86.6 | 87.9 | 88.5 | 89.5 | 91.0 | 91.5 | 93.9 | 95.0 | 95.5 | 96.3 | 96.3 | 96.7 | 97.0 |
| ≥ 300 | 79.2 | 84.0 | 85.1 | 86.9 | 88.4 | 89.0 | 90.0 | 91.5 | 92.0 | 94.4 | 95.6 | 96.1 | 96.9 | 96.9 | 97.[illegible] | 97.8 |
| ≥ 200 | 79.2 | 84.0 | 85.2 | 87.0 | 88.5 | 89.1 | 90.1 | 91.[illegible] | 92.1 | 94.6 | 96.0 | 96.5 | 97.5 | 97.[illegible] | 98.1 | 98.5 |
| ≥ 100 | 79.2 | 84.0 | 85.2 | 87.0 | 88.5 | 89.1 | 90.1 | 91.6 | 92.1 | 94.7 | 96.1 | 96.6 | 97.8 | 97.8 | 98.[illegible] | 98.8 |
| ≥ 0 | 79.2 | 84.2 | 85.3 | 87.1 | 88.7 | 89.2 | 90.3 | 91.8 | 92.3 | 94.9 | 96.3 | 96.[illegible] | 96.2 | 98.2 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

DATA PROCESSING DIVISION
USAF ETAC
AIR [illegible] DIVISION

2

# CEILING VERSUS VISIBILITY

[illegible] [illegible] 57-66 YEARS [illegible]

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

[illegible] 0900-1100

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥¾ | ≥⅝ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 33.3 | 33.3 | 33.3 | 33.3 | 33.5 | 33.6 | 33.6 | 33.8 | 34.0 | 34.2 | 34.2 | 34.2 | 34.3 | 34.4 | 34.4 |
| ≥ 20000 | 36.5 | 37.4 | 37.4 | 37.5 | 37.5 | 37.5 | 37.6 | 37.7 | 37.8 | 38.1 | 38.2 | 38.2 | 38.2 | 38.3 | 38.4 | 38.4 |
| ≥ 18000 | 37.0 | 37.8 | 37.8 | 37.9 | 37.9 | 37.9 | 38.0 | 38.3 | 38.3 | 38.5 | 38.7 | 38.7 | 38.7 | 38.8 | 38.9 | 38.9 |
| ≥ 16000 | 37.4 | 38.2 | 38.2 | 38.3 | 38.3 | 38.3 | 38.4 | 38.7 | 38.7 | 38.9 | 39.0 | 39.0 | 39.0 | 39.1 | 39.2 | 39.2 |
| ≥ 14000 | 39.6 | 40.4 | 40.4 | 40.7 | 40.7 | 40.7 | 40.8 | 41.0 | 41.0 | 41.3 | 41.4 | 41.4 | 41.4 | 41.5 | 41.6 | 41.6 |
| ≥ 12000 | 43.3 | 44.1 | 44.1 | 44.3 | 44.3 | 44.3 | 44.4 | 44.7 | 44.7 | 44.9 | 45.0 | 45.0 | 45.0 | 45.2 | 45.3 | 45.3 |
| ≥ 10000 | 47.8 | 48.6 | 48.6 | 48.8 | 48.8 | 48.8 | 48.9 | 49.2 | 49.2 | 49.4 | 49.5 | 49.5 | 49.5 | 49.6 | 49.7 | 49.7 |
| ≥ 9000 | 50.9 | 51.8 | 51.8 | 52.1 | 52.1 | 52.1 | 52.2 | 52.5 | 52.5 | 52.7 | 52.8 | 52.8 | 52.8 | 53.0 | 53.1 | 53.1 |
| ≥ 8000 | 55.0 | 55.8 | 55.9 | 56.4 | 56.4 | 56.4 | 56.5 | 56.7 | 56.7 | 57.0 | 57.1 | 57.1 | 57.1 | 57.2 | 57.3 | 57.3 |
| ≥ 7000 | 59.5 | 60.3 | 60.4 | 60.9 | 60.9 | 60.9 | 61.0 | 61.2 | 61.2 | 61.5 | 61.6 | 61.6 | 61.6 | 61.7 | 62.1 | 62.1 |
| ≥ 6000 | 61.9 | 61.6 | 61.7 | 62.1 | 62.3 | 62.3 | 62.4 | 62.7 | 62.6 | 62.9 | 63.0 | 63.0 | 63.0 | 63.1 | 63.5 | 63.7 |
| ≥ 5000 | 64.3 | 65.2 | 65.5 | 66.1 | 66.2 | 66.2 | 66.4 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.5 | 67.7 |
| ≥ 4500 | 67.4 | 68.9 | 69.3 | 69.9 | 70.0 | 70.0 | 70.2 | 70.4 | 70.4 | 70.7 | 70.8 | 70.8 | 70.8 | 70.9 | 71.3 | 71.5 |
| ≥ 4000 | 70.8 | 72.8 | 73.2 | 74.0 | 74.2 | 74.3 | 74.6 | 75.1 | 75.1 | 75.3 | 75.4 | 75.4 | 75.4 | 75.5 | 75.7 | 76.1 |
| ≥ 3500 | 73.5 | 74.7 | 75.1 | 76.1 | 76.2 | 76.3 | 77.0 | 77.2 | 77.2 | 77.5 | 77.7 | 77.7 | 77.7 | 77.8 | 78.1 | 78.4 |
| ≥ 3000 | 73.4 | 75.2 | 76.6 | 77.5 | 78.3 | 78.5 | 79.0 | 79.2 | 79.2 | 79.6 | 79.8 | 79.8 | 79.8 | 79.9 | 80.3 | 80.6 |
| ≥ 2500 | 76.0 | 77.8 | 78.1 | 79.2 | 80.0 | 80.4 | 81.0 | 81.3 | 81.4 | 81.8 | 82.0 | 82.0 | 82.0 | 82.2 | 82.5 | 82.7 |
| ≥ 2000 | 75.5 | 78.0 | 78.3 | 80.0 | 81.6 | 81.9 | 82.7 | 83.1 | 83.2 | 83.7 | 83.9 | 83.9 | 83.9 | 84.2 | 84.4 | 84.6 |
| ≥ 1800 | 75.8 | 78.2 | 78.6 | 80.9 | 82.4 | 82.7 | 83.6 | 83.9 | 84.2 | 84.8 | 85.0 | 85.0 | 85.0 | 85.1 | 85.5 | 85.7 |
| ≥ 1500 | 76.9 | 78.4 | 80.1 | 81.4 | 83.1 | 83.5 | 84.3 | 84.6 | 85.3 | 86.3 | 86.6 | 86.6 | 86.6 | 86.8 | 87.1 | 87.4 |
| ≥ 1200 | 78.5 | 80.6 | 81.4 | 83.1 | 84.8 | 85.1 | 86.2 | 86.5 | 87.4 | 88.8 | 89.4 | 89.4 | 89.4 | 89.5 | 89.8 | 90.1 |
| ≥ 1000 | 78.8 | 81.1 | 82.0 | 83.7 | 85.5 | 85.8 | 86.9 | 87.8 | 88.3 | 90.0 | 90.5 | 90.8 | 90.8 | 90.9 | 91.4 | 91.6 |
| ≥ 900 | 79.8 | 81.2 | 82.2 | 83.9 | 85.8 | 86.2 | 87.3 | 88.4 | 88.9 | 90.7 | 91.3 | 91.5 | 91.5 | 91.6 | 92.1 | 92.3 |
| ≥ 800 | 77.0 | 81.7 | 82.7 | 84.5 | 86.6 | 87.1 | 88.4 | 89.5 | 90.0 | 91.7 | 92.7 | 92.9 | 93.0 | 93.1 | 93.6 | 93.9 |
| ≥ 700 | 77.2 | 82.0 | 83.1 | 84.9 | 87.0 | 87.4 | 88.8 | 90.1 | 90.7 | 92.6 | 93.9 | 94.1 | 94.2 | 94.3 | 94.7 | 95.0 |
| ≥ 600 | 77.2 | 82.4 | 83.5 | 85.3 | 87.5 | 87.9 | 89.3 | 90.7 | 91.3 | 93.1 | 94.6 | 94.9 | 95.0 | 95.2 | 95.6 | 95.8 |
| ≥ 500 | 77.2 | 82.4 | 83.5 | 85.5 | 87.8 | 88.4 | 90.1 | 91.1 | 91.7 | 93.6 | 95.2 | 95.6 | 95.9 | 96.0 | 96.5 | 96.7 |
| ≥ 400 | 77.2 | 82.4 | 83.5 | 85.7 | 88.1 | 88.7 | 90.4 | 91.5 | 92.1 | 94.0 | 95.6 | 96.1 | 96.3 | 96.4 | 97.0 | 97.4 |
| ≥ 300 | 77.2 | 82.5 | 83.6 | 85.8 | 88.2 | 88.9 | 90.9 | 92.0 | 92.6 | 94.4 | 96.2 | 96.9 | 97.2 | 97.3 | 98.0 | 98.4 |
| ≥ 200 | 77.2 | 82.6 | 83.7 | 86.1 | 88.5 | 89.2 | 91.4 | 92.7 | 93.3 | 95.2 | 96.9 | 97.5 | 97.9 | 98.0 | 98.7 | 99.2 |
| ≥ 100 | 77.2 | 82.6 | 83.7 | 86.1 | 88.5 | 89.2 | 91.4 | 92.8 | 93.4 | 95.4 | 97.2 | 97.9 | 98.1 | 98.2 | 99.1 | 99.6 |
| ≥ 0 | 77.2 | 82.6 | 83.7 | 86.2 | 88.7 | 89.4 | 91.5 | 92.9 | 93.5 | 95.5 | 97.3 | 98.0 | 98.2 | 98.3 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | | | | | | |
| NO CEILING | | | 30.9 | 31.1 | 31.3 | 31.4 | 31.7 | | 31.7 | 31.8 | | | | | | |
| ≥ 20000 | | | 37.3 | 37.6 | 38.1 | | | | 38.4 | 38.5 | | | | | | |
| ≥ 18000 | | | 37.4 | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 | | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5-(OL-1

2

# CEILING VERSUS VISIBILITY

57-66

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

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 |
| NO CEILING | [illegible] | [illegible] | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 |
| ≥ 20000 | [illegible] | [illegible] | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.3 | 38.4 |
| ≥ 18000 | [illegible] | [illegible] | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.7 |
| ≥ 16000 | [illegible] | [illegible] | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.3 | 40.4 |
| ≥ 14000 | [illegible] | [illegible] | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 43.1 |
| ≥ 12000 | [illegible] | [illegible] | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 47.1 |
| ≥ 10000 | [illegible] | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 |
| ≥ 9000 | [illegible] | 55.4 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 |
| ≥ 8000 | [illegible] | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥ 7000 | [illegible] | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 |
| ≥ 6000 | [illegible] | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 |
| ≥ 5000 | [illegible] | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 73.2 |
| ≥ 4500 | [illegible] | 75.3 | 75.7 | 75.7 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.1 |
| ≥ 4000 | [illegible] | [illegible] | 78.8 | 79.2 | 79.4 | 79.5 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.5 |
| ≥ 3500 | [illegible] | [illegible] | 82.5 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 83.1 |
| ≥ 3000 | [illegible] | [illegible] | 84.8 | 84.4 | 84.5 | 84.5 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.5 |
| ≥ 2500 | [illegible] | [illegible] | 86.4 | 87.1 | 87.2 | 87.2 | 87.5 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 88.2 |
| ≥ 2000 | [illegible] | [illegible] | 87.8 | 88.9 | 89.2 | 89.3 | 90.1 | 90.3 | 90.4 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 91.1 |
| ≥ 1800 | [illegible] | [illegible] | 88.2 | 89.2 | 89.5 | 89.6 | 90.4 | 90.5 | 90.8 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.6 |
| ≥ 1500 | [illegible] | [illegible] | 89.8 | 90.1 | 90.4 | 90.7 | 91.4 | 91.5 | 91.8 | 92.6 | 93.0 | 93.0 | 93.0 | 93.0 | 93.4 |
| ≥ 1200 | [illegible] | [illegible] | 89.8 | 91.1 | 91.5 | 91.8 | 92.7 | 92.8 | 93.4 | 94.2 | 94.9 | 95.0 | 95.0 | 95.0 | 95.6 |
| ≥ 1000 | [illegible] | [illegible] | 90.8 | 92.1 | 92.7 | 92.9 | 93.7 | 93.9 | 94.6 | 95.5 | 96.8 | 96.9 | 96.9 | 96.9 | 97.2 |
| ≥ 900 | [illegible] | [illegible] | 91.4 | 92.6 | 93.4 | 93.6 | 94.4 | 94.6 | 95.3 | 96.5 | 97.9 | 98.0 | 98.0 | 98.0 | 98.3 |
| ≥ 800 | [illegible] | [illegible] | 91.5 | 92.9 | 93.5 | 93.7 | 94.6 | 94.7 | 95.4 | 96.6 | 98.2 | 98.3 | 98.5 | 98.5 | 98.8 |
| ≥ 700 | [illegible] | [illegible] | 91.5 | 92.9 | 93.5 | 93.7 | 94.6 | 94.8 | 95.6 | 96.8 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 |
| ≥ 600 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.0 | 94.9 | 95.3 | 96.0 | 97.2 | 98.9 | 99.3 | 99.3 | 99.3 | 99.6 |
| ≥ 500 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 94.9 | 95.3 | 96.0 | 97.2 | 98.9 | 99.4 | 99.4 | 99.4 | 99.7 |
| ≥ 400 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 95.0 | 95.4 | 96.1 | 97.3 | 99.1 | 99.5 | 99.5 | 99.5 | 99.9 |
| ≥ 300 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 95.0 | 95.4 | 96.1 | 97.3 | 99.1 | 99.5 | 99.5 | 99.5 | 99.9 |
| ≥ 200 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 95.0 | 95.5 | 96.2 | 97.4 | 99.2 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 100 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 95.2 | 95.5 | 96.2 | 97.4 | 99.2 | 99.6 | 99.6 | 99.6 | 100.0 |
| ≥ 0 | [illegible] | [illegible] | 91.5 | 93.1 | 93.7 | 94.1 | 95.2 | 95.5 | 96.2 | 97.4 | 99.2 | 99.6 | 99.6 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL 1) [illegible]

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | 1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 36.0 | 36.2 | 36.2 | 36.2 | 36.4 | 36.4 | 36.5 | 36.5 | 36.5 | 36.9 | 36.9 | 37. | 37.2 | 37.3 | 37.6 | 37.7 |
| ≥ 25000 | 40.0 | 40.2 | 40.2 | 40.2 | 40.4 | 40.4 | 40.5 | 40.5 | 40.5 | 40.9 | 40.9 | 41. | 41.3 | 41.3 | 41.6 | 41.7 |
| ≥ 20000 | 40.0 | 40.3 | 40.3 | 40.3 | 40.5 | 40.5 | 40.6 | 40.6 | 40.6 | 41.0 | 41.0 | 41.4 | 41.6 | 41.6 | 42. | 42.1 |
| ≥ 18000 | 40.3 | 40.3 | 40.3 | 40.3 | 41.1 | 41.1 | 41.3 | 41.3 | 41.3 | 41.6 | 41.6 | 41.7 | 42.0 | 42.0 | 42.4 | 42.4 |
| ≥ 16000 | 42.8 | 43.4 | 43.4 | 43.4 | 44.1 | 44.1 | 44.2 | 44.2 | 44.1 | 44.4 | 44.4 | 44.5 | 44.6 | 44.6 | 45. | 45.3 |
| ≥ 14000 | 46.8 | 46.8 | 46.8 | 46.8 | 47.5 | 47.5 | 47.6 | 47.6 | 47.3 | 47.6 | 47.6 | 47.9 | 48.1 | 48.1 | 48.6 | 48.8 |
| ≥ 12000 | 51.2 | 51.3 | 51.3 | 51.3 | 52.0 | 52.0 | 52.2 | 52.3 | 52.5 | 52.8 | 52.8 | 53. | 53.3 | 53.3 | 53.7 | 53.8 |
| ≥ 10000 | 53.5 | 54.1 | 54.1 | 54.1 | 54.7 | 54.7 | 54.9 | 54.9 | 54.8 | 55.2 | 55.2 | 55.5 | 55.7 | 55.7 | 56. | 56.1 |
| ≥ 9000 | 57.9 | 58.6 | 58.6 | 58.6 | 59.2 | 59.2 | 59.4 | 59.5 | 59.5 | 59.8 | 59.8 | 59.9 | 60.3 | 60.3 | 60.6 | 60.7 |
| ≥ 8000 | 64.2 | 64.9 | 64.9 | 64.9 | 65.5 | 65.5 | 65.6 | 65.7 | 65.7 | 66.1 | 66.1 | 66.2 | 66.7 | 66.7 | 67. | 67.1 |
| ≥ 7000 | 65.0 | 66.4 | 66.4 | 66.4 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.5 | 67.6 | 67.7 | 68.2 | 68.2 | 68.5 | 68.7 |
| ≥ 6000 | 71.7 | 72.8 | 72.8 | 73.1 | 73.8 | 73.8 | 74.0 | 74.2 | 74.2 | 74.7 | 74.8 | 74.9 | 75.4 | 75.4 | 75.5 | 75.9 |
| ≥ 5000 | 74.9 | 76.9 | 76.9 | 77.2 | 77.9 | 77.9 | 78.1 | 78.4 | 78.4 | 78.8 | 77.1 | 77.1 | 77.5 | 77.5 | 77.8 | 78.0 |
| ≥ 4500 | 76.2 | 77.3 | 77.3 | 77.6 | 78.3 | 78.3 | 78.6 | 79.1 | 79.1 | 79.6 | 79.7 | 79.8 | 80.3 | 80.3 | 80.6 | 80.7 |
| ≥ 4000 | 79.0 | 80.1 | 80.3 | 81.0 | 81.7 | 81.7 | 82.0 | 82.3 | 82.3 | 82.7 | 82.9 | 83. | 83.5 | 83.5 | 83.8 | 83.9 |
| ≥ 3500 | 82.9 | 84.2 | 84.4 | 85.1 | 85.8 | 85.8 | 86.2 | 86.4 | 86.4 | 86.9 | 87.0 | 87.1 | 87.6 | 87.6 | 88.0 | 88.1 |
| ≥ 3000 | 83.4 | 84.7 | 84.8 | 85.5 | 86.3 | 86.3 | 86.6 | 86.8 | 86.8 | 87.3 | 87.4 | 87.5 | 87.9 | 87.9 | 88.3 | 88.4 |
| ≥ 2500 | 84.9 | 86.3 | 86.4 | 87.1 | 87.9 | 87.9 | 88.2 | 88.3 | 88.3 | 88.9 | 89.0 | 89.1 | 89.6 | 89.6 | 90.0 | 90.1 |
| ≥ 2000 | 87.2 | 88.7 | 88.8 | 89.5 | 90.3 | 90.3 | 90.6 | 90.8 | 90.8 | 91.3 | 91.4 | 91.5 | 92.0 | 92.0 | 92.4 | 92.5 |
| ≥ 1800 | 87.4 | 88.9 | 89.0 | 89.7 | 90.5 | 90.5 | 90.8 | 91.0 | 91.0 | 91.5 | 91.6 | 91.7 | 92.2 | 92.2 | 92.6 | 92.7 |
| ≥ 1500 | 89.4 | 90.9 | 91.0 | 91.7 | 92.5 | 92.5 | 92.8 | 93.0 | 93.0 | 93.5 | 93.6 | 93.7 | 94.2 | 94.2 | 94.6 | 94.7 |
| ≥ 1200 | 90.6 | 92.1 | 92.2 | 92.9 | 93.7 | 93.7 | 94.0 | 94.2 | 94.2 | 94.7 | 94.8 | 94.9 | 95.4 | 95.4 | 95.8 | 95.9 |
| ≥ 1000 | 91.6 | 93.1 | 93.2 | 93.9 | 94.7 | 94.7 | 95.0 | 95.2 | 95.2 | 95.7 | 95.8 | 95.9 | 96.4 | 96.4 | 96.8 | 96.9 |
| ≥ 900 | 92.6 | 94.1 | 94.2 | 94.9 | 95.7 | 95.7 | 96.0 | 96.2 | 96.2 | 96.7 | 96.8 | 96.9 | 97.4 | 97.4 | 97.8 | 97.9 |
| ≥ 800 | 92.8 | 94.3 | 94.4 | 95.1 | 95.9 | 95.9 | 96.2 | 96.4 | 96.4 | 96.9 | 97.0 | 97.1 | 97.6 | 97.6 | 98.0 | 98.1 |
| ≥ 700 | 93.0 | 94.5 | 94.6 | 95.3 | 96.1 | 96.1 | 96.4 | 96.6 | 96.6 | 97.1 | 97.2 | 97.3 | 97.8 | 97.8 | 98.2 | 98.3 |
| ≥ 600 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 500 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 400 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 300 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 200 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 100 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.4 |
| ≥ 0 | 93.0 | 94.6 | 94.7 | 95.4 | 96.2 | 96.2 | 96.5 | 96.7 | 96.7 | 97.2 | 97.3 | 97.4 | 97.9 | 97.9 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145 (OL-A)

DATA PROCESSING DIVISION
USAF ETAC
USAF EARTH EQUATORIAL

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | 38.8 | 38.8 | 38.8 | 39.1 | 39.7 | 39.7 | 39.7 | 40.0 | 40.0 | 40.1 | 40.2 | 40.4 | 41.0 | 41.1 | 41.2 | 41.3 |
| ≥ 20000 | 40.7 | 40.7 | 40.7 | 41.1 | 41.7 | 41.7 | 41.7 | 42.0 | 42.0 | 42.1 | 42.2 | 42.4 | 43.0 | 43.1 | 43.2 | 43.3 |
| ≥ 18000 | 40.9 | 40.9 | 40.9 | 41.3 | 42.0 | 42.0 | 42.0 | 42.2 | 42.2 | 42.3 | 42.4 | 42.7 | 43.3 | 43.4 | 43.7 | 43.8 |
| ≥ 16000 | 41.1 | 41.3 | 41.3 | 41.8 | 42.1 | 42.1 | 42.1 | 42.3 | 42.3 | 42.4 | 42.6 | 42.9 | 43.4 | 43.5 | 43.8 | 44.0 |
| ≥ 14000 | 42.1 | 42.1 | 42.1 | 42.4 | 43.1 | 43.1 | 43.1 | 43.4 | 43.4 | 43.5 | 43.6 | 43.9 | 44.4 | 44.6 | 44.9 | 45.1 |
| ≥ 12000 | 44.8 | 44.9 | 44.9 | 45.2 | 46.0 | 46.0 | 46.0 | 46.2 | 46.2 | 46.3 | 46.5 | 46.7 | 47.3 | 47.4 | 47.7 | 47.9 |
| ≥ 10000 | 47.6 | 47.6 | 47.6 | 48.0 | 49.0 | 49.0 | 49.0 | 49.3 | 49.3 | 49.4 | 50.0 | 50.1 | 50.4 | 50.9 | 51.1 | 51.5 |
| ≥ 9000 | 48.7 | 48.7 | 48.7 | 49.2 | 50.2 | 50.2 | 50.2 | 50.6 | 50.6 | 50.7 | 51.3 | 51.4 | 51.7 | 52.2 | 52.4 | 52.8 |
| ≥ 8000 | 54.4 | 54.5 | 54.5 | 55.0 | 56.0 | 56.0 | 56.0 | 56.4 | 56.4 | 56.5 | 57.1 | 57.2 | 57.5 | 58.0 | 58.2 | 58.6 |
| ≥ 7000 | 60.5 | 60.7 | 60.7 | 61.2 | 62.4 | 62.4 | 62.4 | 62.9 | 62.9 | 63.0 | 63.6 | 63.7 | 64.0 | 64.5 | 64.8 | 65.2 |
| ≥ 6000 | 62.6 | 62.9 | 62.9 | 63.4 | 64.6 | 64.6 | 64.6 | 65.1 | 65.1 | 65.2 | 65.8 | 65.9 | 66.2 | 66.7 | 67.0 | 67.4 |
| ≥ 5000 | 66.4 | 66.7 | 66.7 | 67.2 | 68.4 | 68.4 | 68.4 | 68.9 | 68.9 | 69.0 | 69.6 | 69.7 | 70.0 | 70.5 | 70.8 | 71.2 |
| ≥ 4500 | 70.7 | 71.0 | 71.0 | 71.5 | 72.8 | 72.8 | 72.8 | 73.3 | 73.3 | 73.4 | 74.0 | 74.1 | 74.4 | 74.9 | 75.2 | 75.6 |
| ≥ 4000 | 73.9 | 74.2 | 74.2 | 74.7 | 76.0 | 76.0 | 76.0 | 76.5 | 76.5 | 76.6 | 77.2 | 77.3 | 77.6 | 78.1 | 78.4 | 78.8 |
| ≥ 3500 | 75.8 | 76.2 | 76.2 | 76.7 | 78.0 | 78.0 | 78.0 | 78.5 | 78.5 | 78.6 | 79.2 | 79.3 | 79.6 | 80.1 | 80.4 | 80.8 |
| ≥ 3000 | 78.8 | 79.2 | 79.2 | 79.7 | 81.0 | 81.0 | 81.0 | 81.5 | 81.5 | 81.6 | 82.2 | 82.3 | 82.6 | 83.1 | 83.4 | 83.8 |
| ≥ 2500 | 80.6 | 81.0 | 81.0 | 81.5 | 82.8 | 82.8 | 82.8 | 83.3 | 83.3 | 83.4 | 84.0 | 84.1 | 84.4 | 84.9 | 85.2 | 85.6 |
| ≥ 2000 | 81.7 | 82.1 | 82.1 | 82.6 | 83.9 | 83.9 | 83.9 | 84.4 | 84.4 | 84.5 | 85.1 | 85.2 | 85.5 | 86.0 | 86.3 | 86.7 |
| ≥ 1800 | 82.4 | 82.8 | 82.8 | 83.3 | 84.6 | 84.6 | 84.6 | 85.1 | 85.1 | 85.2 | 85.8 | 85.9 | 86.2 | 86.7 | 87.0 | 87.4 |
| ≥ 1500 | 83.7 | 84.1 | 84.1 | 84.6 | 85.9 | 85.9 | 85.9 | 86.4 | 86.4 | 86.5 | 87.1 | 87.2 | 87.5 | 88.0 | 88.3 | 88.7 |
| ≥ 1200 | 84.1 | 84.5 | 84.5 | 85.0 | 86.3 | 86.3 | 86.3 | 86.8 | 86.8 | 86.9 | 87.5 | 87.6 | 87.9 | 88.4 | 88.7 | 89.1 |
| ≥ 1000 | 84.5 | 84.9 | 84.9 | 85.4 | 86.7 | 86.7 | 86.7 | 87.2 | 87.2 | 87.3 | 87.9 | 88.0 | 88.3 | 88.8 | 89.1 | 89.5 |
| ≥ 900 | 84.8 | 85.2 | 85.2 | 85.7 | 87.0 | 87.0 | 87.0 | 87.5 | 87.5 | 87.6 | 88.2 | 88.3 | 88.6 | 89.1 | 89.4 | 89.8 |
| ≥ 800 | 85.0 | 85.4 | 85.4 | 85.9 | 87.2 | 87.2 | 87.2 | 87.7 | 87.7 | 87.8 | 88.4 | 88.5 | 88.8 | 89.3 | 89.6 | 90.0 |
| ≥ 700 | 85.3 | 85.7 | 85.7 | 86.2 | 87.5 | 87.5 | 87.5 | 88.0 | 88.0 | 88.1 | 88.7 | 88.8 | 89.1 | 89.6 | 89.9 | 90.3 |
| ≥ 600 | 85.3 | 85.7 | 85.7 | 86.2 | 87.5 | 87.5 | 87.5 | 88.0 | 88.0 | 88.1 | 88.7 | 88.8 | 89.1 | 89.6 | 89.9 | 90.3 |
| ≥ 500 | 85.3 | 85.7 | 85.7 | 86.2 | 87.5 | 87.5 | 87.5 | 88.0 | 88.0 | 88.1 | 88.7 | 88.8 | 89.1 | 89.6 | 89.9 | 90.3 |
| ≥ 400 | 85.4 | 85.8 | 85.8 | 86.3 | 87.6 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.8 | 88.9 | 89.2 | 89.7 | 90.0 | 90.4 |
| ≥ 300 | 85.4 | 85.8 | 85.8 | 86.3 | 87.6 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.8 | 88.9 | 89.2 | 89.7 | 90.0 | 90.4 |
| ≥ 200 | 85.4 | 85.8 | 85.8 | 86.3 | 87.6 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.8 | 88.9 | 89.2 | 89.7 | 90.0 | 90.4 |
| ≥ 100 | 85.4 | 85.8 | 85.8 | 86.3 | 87.6 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.8 | 88.9 | 89.2 | 89.7 | 90.0 | 90.4 |
| ≥ 0 | 85.4 | 85.8 | 85.8 | 86.3 | 87.6 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.8 | 88.9 | 89.2 | 89.7 | 90.0 | 90.4 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] PRESENT GENERAL CONSTRUCTION 57-66 [illegible]
STATION YEARS

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

0000-0200
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | [illegible] | [illegible] | 49.2 | 49.4 | 49.[illegible] | 49.[illegible] | 49.9 | 49.9 | 49.9 | 50.3 | 50.8 | 51.0 | 51.2 | 51.3 | 51.0 | 51.[illegible] |
| ≥ 20000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.[illegible] | 54.5 | 54.6 | 54.[illegible] | 55.[illegible] |
| ≥ 18000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.[illegible] | 54.5 | 54.6 | 54.[illegible] | 55.[illegible] |
| ≥ 16000 | 52.2 | 52.5 | 52.6 | 52.7 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.7 | 54.1 | 54.[illegible] | 54.5 | 54.6 | 54.[illegible] | 55.[illegible] |
| ≥ 14000 | 53.[illegible] | 54.1 | 54.2 | 54.3 | 54.7 | 54.7 | 54.8 | 54.[illegible] | 54.8 | 55.3 | 55.7 | 55.9 | 56.1 | 56.2 | 56.0 | 56.[illegible] |
| ≥ 12000 | 56.6 | 56.9 | 57.[illegible] | 57.2 | 57.[illegible] | 57.5 | 57.6 | 57.6 | 57.6 | 58.1 | 58.5 | 58.[illegible] | 58.9 | 59.[illegible] | 59.4 | 59.5 |
| ≥ 10000 | 60.3 | 60.6 | 61.[illegible] | 61.[illegible] | 61.[illegible] | 61.[illegible] | 61.[illegible] | 61.[illegible] | 61.5 | 61.9 | 62.4 | 62.[illegible] | 62.[illegible] | 62.9 | 63.[illegible] | 63.[illegible] |
| ≥ 9000 | 62.0 | 62.4 | 62.5 | 62.6 | 63.1 | 63.1 | 63.[illegible] | 63.[illegible] | 63.2 | 63.7 | 64.1 | 64.[illegible] | 64.5 | 64.6 | 64.[illegible] | 65.[illegible] |
| ≥ 8000 | 63.4 | 63.7 | 63.8 | 63.9 | 64.[illegible] | 64.5 | 64.[illegible] | 64.[illegible] | 64.6 | 65.1 | 65.5 | 65.[illegible] | 65.9 | 66.[illegible] | 66.[illegible] | 66.7 |
| ≥ 7000 | 67.7 | 68.1 | 68.2 | 68.3 | 68.9 | 68.9 | 69.[illegible] | 69.[illegible] | 69.[illegible] | 69.5 | 69.9 | 70.1 | 70.3 | 70.[illegible] | 70.[illegible] | 71.[illegible] |
| ≥ 6000 | 70.1 | 70.4 | 70.5 | 70.6 | 71.[illegible] | 71.3 | 71.4 | 71.[illegible] | 71.4 | 71.9 | 72.4 | 72.[illegible] | 72.8 | 72.9 | 73.[illegible] | 73.[illegible] |
| ≥ 5000 | 73.4 | 73.9 | 74.[illegible] | 74.[illegible] | 74.9 | 74.9 | 75.1 | 75.[illegible] | 75.1 | 75.7 | 76.1 | 76.[illegible] | 76.6 | 76.7 | 77.[illegible] | 77.[illegible] |
| ≥ 4500 | 75.[illegible] | 75.7 | 75.8 | 76.[illegible] | 76.6 | 76.8 | 76.9 | 76.[illegible] | 76.9 | 77.3 | 78.[illegible] | 78.[illegible] | 78.4 | 78.[illegible] | 78.8 | 79.[illegible] |
| ≥ 4000 | 78.4 | 78.9 | 79.[illegible] | 79.2 | 80.0 | 80.0 | 80.1 | 80.[illegible] | 80.2 | 80.9 | 81.3 | 81.[illegible] | 81.7 | 81.8 | 82.2 | 82.[illegible] |
| ≥ 3500 | 79.5 | [illegible] | 80.3 | 80.[illegible] | 81.5 | 81.6 | 81.7 | 81.[illegible] | 81.8 | 82.5 | 82.9 | 83.1 | 83.3 | 83.4 | 83.8 | 84.[illegible] |
| ≥ 3000 | 1.[illegible] | [illegible] | [illegible] | 82.4 | 83.4 | 83.7 | 83.9 | 84.[illegible] | 84.0 | 84.6 | 85.1 | 85.[illegible] | 85.5 | 85.6 | 86.0 | 86.[illegible] |
| ≥ 2500 | [illegible] | 83.4 | 83.7 | 84.2 | 85.3 | 85.5 | 85.8 | 86.[illegible] | 86.0 | 86.7 | 87.2 | 87.[illegible] | 87.6 | 87.7 | 88.[illegible] | 88.4 |
| ≥ 2000 | 3.5 | 84.7 | 84.9 | 85.0 | 87.[illegible] | 87.2 | 87.[illegible] | 88.1 | 88.1 | 88.8 | 89.4 | 89.[illegible] | 89.8 | 89.9 | 90.[illegible] | 90.[illegible] |
| ≥ 1800 | [illegible] | 84.8 | 85.[illegible] | 85.7 | 87.[illegible] | 87.5 | 88.[illegible] | 88.7 | 88.7 | 89.5 | 90.0 | 90.[illegible] | 90.4 | 90.5 | 90.9 | 91.[illegible] |
| ≥ 1500 | 84.6 | 84.9 | 85.[illegible] | 86.7 | 88.4 | 88.7 | 89.4 | 90.0 | 90.2 | 91.2 | 91.7 | 91.9 | 92.2 | 92.3 | 92.[illegible] | 92.9 |
| ≥ 1200 | 84.8 | 85.[illegible] | 86.[illegible] | 86.9 | 88.8 | 89.1 | 90.0 | 90.9 | 91.1 | 92.5 | 93.0 | 93.2 | 93.4 | 93.5 | 93.9 | 94.[illegible] |
| ≥ 1000 | 85.4 | 85.8 | 87.[illegible] | 87.5 | 89.6 | 90.1 | 91.[illegible] | 91.[illegible] | 92.2 | 93.6 | 94.6 | 94.[illegible] | 95.1 | 95.2 | 95.5 | 95.[illegible] |
| ≥ 900 | 85.7 | 87.1 | 87.4 | 88.[illegible] | 89.9 | 91.4 | 91.[illegible] | 92.4 | 92.6 | 94.5 | 95.4 | 95.5 | 95.8 | 95.9 | 96.[illegible] | 96.[illegible] |
| ≥ 800 | 85.7 | 87.1 | 87.4 | 88.[illegible] | 89.9 | 91.4 | 91.[illegible] | 92.4 | 92.6 | 94.5 | 95.7 | 95.9 | 96.1 | 96.2 | 96.6 | 96.9 |
| ≥ 700 | 85.7 | 87.1 | 87.4 | 88.[illegible] | 89.9 | 91.4 | 91.[illegible] | 92.4 | 92.6 | 94.5 | 95.7 | 95.9 | 96.1 | 96.2 | 96.6 | 96.9 |
| ≥ 600 | 85.7 | 87.1 | 87.4 | 88.[illegible] | 89.9 | 91.4 | 91.4 | 92.5 | 92.7 | 94.6 | 95.9 | 96.1 | 96.3 | 96.5 | 96.[illegible] | 97.1 |
| ≥ 500 | 85.7 | 87.1 | 87.5 | 88.[illegible] | 89.9 | 91.4 | 91.4 | 92.5 | 92.7 | 94.6 | 95.9 | 96.[illegible] | 96.5 | 96.6 | 96.9 | 97.[illegible] |
| ≥ 400 | 85.7 | 87.1 | 87.5 | 88.[illegible] | 89.9 | 91.4 | 91.4 | 92.5 | 92.7 | 94.6 | 95.9 | 96.[illegible] | 96.5 | 96.6 | 96.9 | 97.[illegible] |
| ≥ 300 | 85.9 | 87.3 | 87.5 | 88.2 | 90.1 | 91.6 | 91.6 | 92.7 | 92.9 | 94.8 | 96.1 | 96.[illegible] | 96.7 | 96.8 | 97.[illegible] | 97.[illegible] |
| ≥ 200 | 85.9 | 87.3 | 87.5 | 88.2 | 90.1 | 91.6 | 91.6 | 92.7 | 92.9 | 94.8 | 96.2 | 96.[illegible] | 97.0 | 97.1 | 97.[illegible] | 98.[illegible] |
| ≥ 100 | 85.9 | 87.3 | 87.5 | 88.2 | 90.1 | 91.6 | 91.6 | 92.7 | 92.9 | 94.8 | 96.3 | 96.[illegible] | 97.8 | 98.[illegible] | 98.7 | 99.[illegible] |
| ≥ 0 | 85.9 | 87.3 | 87.5 | 88.2 | 90.1 | 91.6 | 91.6 | 92.7 | 92.9 | 94.8 | 96.3 | 96.5 | 97.8 | 97.[illegible] | 99.1 | 100.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 46.6 | 47.2 | 47.2 | 47.3 | 47.5 | 47.5 | 47.7 | 47.7 | 47.8 | 48.6 | 48.7 | 48.7 | 49.6 | 49.9 | 50.1 | 51.4 |
| ≥ 20000 | 49.4 | 50.0 | 50.0 | 50.1 | 50.4 | 50.4 | 50.5 | 50.5 | 50.6 | 51.4 | 51.5 | 51.7 | 52.4 | 52.7 | 53.0 | 53.3 |
| ≥ 18000 | 49.4 | 50.0 | 50.0 | 50.1 | 50.4 | 50.4 | 50.5 | 50.5 | 50.6 | 51.4 | 51.5 | 51.7 | 52.4 | 52.7 | 53.0 | 53.3 |
| ≥ 16000 | 49.9 | 50.5 | 50.5 | 50.6 | 50.9 | 50.9 | 51.1 | 51.2 | 51.2 | 51.9 | 52.0 | 52.3 | 52.9 | 53.2 | 53.5 | 53.8 |
| ≥ 14000 | 50.2 | 51.4 | 51.4 | 51.5 | 51.7 | 51.7 | 51.9 | 52.0 | 52.0 | 52.3 | 52.9 | 53.1 | 53.8 | 54.1 | 54.4 | 54.7 |
| ≥ 12000 | 53.0 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.2 | 54.3 | 54.3 | 55.1 | 55.2 | 55.4 | 56.0 | 56.3 | 56.7 | 57.0 |
| ≥ 10000 | 56.5 | 57.1 | 57.1 | 57.2 | 57.4 | 57.4 | 57.6 | 57.7 | 57.7 | 58.6 | 58.7 | 58.9 | 59.6 | 59.9 | 60.2 | 60.5 |
| ≥ 9000 | 58.6 | 59.2 | 59.2 | 59.4 | 59.6 | 59.6 | 59.8 | 59.9 | 59.9 | 60.8 | 60.9 | 61.1 | 61.7 | 62.0 | 62.4 | 62.7 |
| ≥ 8000 | 60.5 | 61.2 | 61.2 | 61.3 | 61.6 | 61.6 | 61.8 | 61.9 | 61.9 | 62.8 | 62.9 | 63.1 | 63.8 | 64.1 | 64.4 | 64.7 |
| ≥ 7000 | 65.2 | 65.8 | 65.8 | 65.9 | 66.2 | 66.2 | 66.3 | 66.4 | 66.4 | 67.4 | 67.5 | 67.7 | 68.4 | 68.7 | 69.1 | 69.4 |
| ≥ 6000 | 66.6 | 67.2 | 67.2 | 67.3 | 67.6 | 67.6 | 67.8 | 68.0 | 68.0 | 69.0 | 69.2 | 69.4 | 70.1 | 70.4 | 70.8 | 71.1 |
| ≥ 5000 | 70.2 | 70.9 | 70.9 | 71.3 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.8 | 73.0 | 73.2 | 73.9 | 74.2 | 74.5 | 75.1 |
| ≥ 4500 | 71.8 | 72.5 | 72.5 | 72.9 | 73.2 | 73.2 | 73.4 | 73.5 | 73.5 | 74.4 | 74.6 | 74.8 | 75.5 | 75.8 | 76.1 | 76.7 |
| ≥ 4000 | 74.2 | 75.1 | 75.1 | 75.5 | 76.0 | 76.0 | 76.2 | 76.3 | 76.3 | 77.2 | 77.4 | 77.6 | 78.3 | 78.6 | 78.9 | 79.5 |
| ≥ 3500 | 75.6 | 76.5 | 76.7 | 77.2 | 77.7 | 77.7 | 78.0 | 78.1 | 78.1 | 78.9 | 79.1 | 79.4 | 80.0 | 80.3 | 80.6 | 81.2 |
| ≥ 3000 | 76.9 | 78.3 | 78.7 | 79.5 | 80.1 | 80.1 | 80.3 | 80.4 | 80.4 | 81.3 | 81.5 | 81.7 | 82.4 | 82.7 | 83.0 | 83.6 |
| ≥ 2500 | 78.5 | 80.2 | 80.8 | 81.3 | 82.5 | 82.5 | 82.7 | 82.9 | 82.8 | 83.7 | 83.9 | 84.1 | 84.7 | 85.1 | 85.4 | 85.9 |
| ≥ 2000 | 81.3 | 82.6 | 83.2 | 84.0 | 85.2 | 85.2 | 86.1 | 86.4 | 86.6 | 87.4 | 87.6 | 87.8 | 88.5 | 88.8 | 89.1 | 89.7 |
| ≥ 1800 | 82.4 | 83.7 | 84.3 | 84.2 | 85.5 | 85.5 | 86.6 | 87.3 | 87.3 | 88.3 | 88.5 | 88.7 | 89.4 | 89.7 | 90.0 | 90.6 |
| ≥ 1500 | 82.8 | 84.0 | 84.7 | 84.5 | 85.9 | 86.0 | 87.1 | 88.2 | 88.2 | 89.6 | 89.9 | 90.1 | 90.8 | 91.1 | 91.4 | 91.9 |
| ≥ 1200 | 84.9 | 86.3 | 86.1 | 85.1 | 86.5 | 86.6 | 88.0 | 89.6 | 89.6 | 91.5 | 91.9 | 92.2 | 92.8 | 93.1 | 93.4 | 94.0 |
| ≥ 1000 | 85.3 | 86.7 | 86.5 | 85.5 | 86.9 | 87.0 | 88.6 | 90.4 | 90.4 | 92.7 | 93.2 | 93.4 | 94.1 | 94.4 | 94.7 | 95.3 |
| ≥ 900 | 86.8 | 88.4 | 88.1 | 86.6 | 87.4 | 87.5 | 89.1 | 91.0 | 91.0 | 93.2 | 93.9 | 94.1 | 94.7 | 95.1 | 95.4 | 95.9 |
| ≥ 800 | 87.9 | 89.4 | 89.2 | 88.1 | 87.5 | 87.6 | 89.2 | 91.1 | 91.1 | 93.3 | 94.1 | 94.3 | 94.9 | 95.3 | 95.6 | 96.1 |
| ≥ 700 | 88.0 | 89.7 | 89.5 | 88.5 | 87.8 | 88.0 | 89.6 | 91.5 | 91.5 | 93.8 | 94.6 | 94.8 | 95.5 | 95.8 | 96.1 | 96.7 |
| ≥ 600 | 89.2 | 90.8 | 90.6 | 89.6 | 88.3 | 88.1 | 89.7 | 91.6 | 91.6 | 94.2 | 95.1 | 95.3 | 96.1 | 96.5 | 96.8 | 97.3 |
| ≥ 500 | 89.2 | 90.8 | 90.6 | 89.6 | 88.1 | 88.2 | 89.8 | 91.7 | 91.7 | 94.3 | 95.2 | 95.4 | 96.2 | 96.6 | 96.9 | 97.4 |
| ≥ 400 | 89.2 | 90.9 | 90.7 | 89.7 | 88.2 | 88.3 | 89.9 | 91.8 | 91.8 | 94.4 | 95.3 | 95.5 | 96.5 | 96.8 | 97.1 | 97.6 |
| ≥ 300 | 89.3 | 91.1 | 90.8 | 89.8 | 88.4 | 88.5 | 90.1 | 92.0 | 92.0 | 94.6 | 95.5 | 95.7 | 96.7 | 97.0 | 97.3 | 97.8 |
| ≥ 200 | 89.3 | 91.1 | 90.9 | 89.9 | 88.6 | 88.7 | 90.3 | 92.3 | 92.3 | 94.8 | 95.7 | 95.9 | 96.9 | 97.2 | 97.5 | 98.1 |
| ≥ 100 | 89.3 | 91.1 | 90.9 | 89.9 | 88.6 | 88.7 | 90.3 | 92.3 | 92.3 | 94.8 | 95.7 | 95.9 | 97.1 | 97.4 | 98.2 | 99.2 |
| ≥ 0 | 89.3 | 91.1 | 90.9 | 89.9 | 88.7 | 88.8 | 90.4 | 92.4 | 92.4 | 94.9 | 95.8 | 96.0 | 97.2 | 97.5 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1)

2

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | [illegible] | 37.6 | 37.3 | 37.3 | 37.6 | 37.6 | 37.7 | 37.[illegible] | 37.8 | 38.1 | 38.3 | 38.3 | 38.9 | [illegible] | [illegible] | [illegible] |
| ≥ 20000 | [illegible] | 41.2 | 41.3 | 41.3 | 41.6 | 41.6 | 41.7 | 41.[illegible] | 41.8 | 42.0 | 42.3 | 42.3 | 42.9 | [illegible] | [illegible] | 44.4 |
| ≥ 18000 | 41.0 | 41.4 | 41.5 | 41.5 | 41.[illegible] | 41.[illegible] | 41.9 | 42.[illegible] | 42.0 | 42.3 | 42.5 | 42.5 | 43.1 | [illegible] | 44.[illegible] | [illegible] |
| ≥ 16000 | 42.2 | 42.6 | 42.7 | 42.7 | 43.[illegible] | 43.[illegible] | 43.1 | 43.2 | 43.2 | 43.4 | 43.7 | 43.7 | 44.3 | 44.4 | 45.[illegible] | 45.[illegible] |
| ≥ 14000 | 43.9 | 44.3 | 44.4 | 44.4 | 44.7 | 44.7 | 44.[illegible] | 44.[illegible] | 44.9 | 45.2 | 45.4 | 45.4 | 46.[illegible] | 46.1 | 47.[illegible] | 47.5 |
| ≥ 12000 | 47.1 | 47.5 | 47.6 | 47.6 | 48.[illegible] | 48.[illegible] | 48.1 | 48.[illegible] | 48.2 | 48.4 | 48.6 | 48.[illegible] | 49.2 | 49.4 | 50.[illegible] | 50.[illegible] |
| ≥ 10000 | 51.0 | 51.4 | 51.5 | 51.5 | 51.[illegible] | 51.[illegible] | 51.[illegible] | 52.[illegible] | 52.[illegible] | 52.3 | 52.5 | 52.[illegible] | 53.2 | 53.3 | 54.[illegible] | 54.[illegible] |
| ≥ 9000 | 56.1 | 56.5 | 56.7 | 56.7 | 57.[illegible] | 57.[illegible] | 57.1 | 57.[illegible] | 57.2 | 57.4 | 57.6 | 57.7 | 58.4 | 58.5 | 59.4 | 59.[illegible] |
| ≥ 8000 | 59.5 | 59.9 | 60.0 | 60.1 | 60.4 | 60.4 | 60.5 | 60.[illegible] | 60.6 | 60.9 | 61.1 | 61.[illegible] | 61.9 | 62.[illegible] | 62.9 | 63.[illegible] |
| ≥ 7000 | 64.9 | 65.4 | 65.5 | 65.6 | 65.[illegible] | 65.9 | 66.[illegible] | 66.1 | 66.1 | 66.3 | 66.6 | 66.7 | 67.4 | 67.5 | 68.[illegible] | 68.[illegible] |
| ≥ 6000 | 67.5 | 68.0 | 68.1 | 68.2 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.9 | 69.1 | 69.[illegible] | 70.0 | 70.1 | 71.[illegible] | 71.[illegible] |
| ≥ 5000 | 70.4 | 70.9 | 71.0 | 71.1 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.8 | 72.0 | 72.[illegible] | 73.0 | 73.1 | 74.[illegible] | 74.[illegible] |
| ≥ 4500 | 73.5 | 73.5 | 73.7 | 73.8 | 74.[illegible] | 74.[illegible] | 74.5 | 74.4 | 74.4 | 74.6 | 74.8 | 74.[illegible] | 75.8 | 75.9 | 76.[illegible] | 77.[illegible] |
| ≥ 4000 | 76.1 | 76.7 | 76.8 | 76.9 | 77.[illegible] | 77.[illegible] | 77.4 | 77.5 | 77.5 | 77.7 | 78.[illegible] | 78.1 | 78.9 | 79.[illegible] | 79.9 | 80.[illegible] |
| ≥ 3500 | 78.[illegible] | 78.[illegible] | 79.7 | 79.8 | 79.4 | 79.4 | 79.5 | 79.[illegible] | 79.6 | 79.8 | 80.0 | 80.1 | 81.0 | 81.1 | 81.9 | 82.[illegible] |
| ≥ 3000 | 79.7 | 79.[illegible] | 79.[illegible] | 79.8 | 80.[illegible] | 80.[illegible] | 80.4 | 80.5 | 80.5 | 80.8 | 81.0 | 81.1 | 82.[illegible] | 82.[illegible] | 83.1 | 84.[illegible] |
| ≥ 2500 | 80.8 | 81.9 | 82.2 | 82.9 | 83.[illegible] | 83.7 | 83.9 | 84.[illegible] | 84.0 | 84.3 | 84.5 | 84.5 | 85.7 | 85.8 | 86.7 | 87.5 |
| ≥ 2000 | 83.[illegible] | 83.[illegible] | 83.8 | 84.5 | 85.[illegible] | 85.6 | 86.1 | 86.[illegible] | 86.2 | 86.7 | 86.9 | 87.[illegible] | 88.1 | 88.[illegible] | 89.[illegible] | 89.[illegible] |
| ≥ 1800 | 84.0 | 84.4 | 84.[illegible] | 84.7 | 85.7 | 85.6 | 86.5 | 86.7 | 86.7 | 87.4 | 87.6 | 87.7 | 88.8 | 88.9 | 89.8 | 90.[illegible] |
| ≥ 1500 | 84.[illegible] | 84.[illegible] | 84.9 | 85.7 | 86.7 | 86.8 | 87.6 | 88.1 | 88.1 | 89.1 | 89.5 | 89.6 | 90.6 | 9[illegible] | 91.6 | 92.[illegible] |
| ≥ 1200 | 84.9 | 84.8 | 85.7 | 86.3 | 87.5 | 87.7 | 88.7 | 89.[illegible] | 89.1 | 90.8 | 91.3 | 91.4 | 92.5 | 92.6 | 93.4 | 94.[illegible] |
| ≥ 1000 | 84.9 | 84.9 | 85.9 | 86.7 | 87.7 | 88.0 | 88.9 | 89.4 | 89.4 | 91.1 | 91.6 | 91.7 | 92.8 | 92.9 | 93.8 | 94.[illegible] |
| ≥ 900 | 85.0 | 85.3 | 86.2 | 87.[illegible] | 88.1 | 88.3 | 89.4 | 89.8 | 89.9 | 91.7 | 92.4 | 92.[illegible] | 93.7 | 93.[illegible] | 94.[illegible] | 95.[illegible] |
| ≥ 800 | 85.2 | 85.5 | 86.5 | 87.2 | 88.3 | 88.5 | 89.6 | 90.0 | 90.1 | 91.9 | 92.8 | 93.[illegible] | 94.1 | 94.2 | 95.1 | 95.[illegible] |
| ≥ 700 | 85.5 | 85.9 | 86.9 | 87.6 | 88.7 | 88.9 | 90.0 | 90.4 | 90.5 | 92.4 | 93.2 | 93.[illegible] | 94.8 | 94.9 | 95.8 | 96.[illegible] |
| ≥ 600 | 85.5 | 85.9 | 86.9 | 87.6 | 88.8 | 89.0 | 90.1 | 90.5 | 90.6 | 92.5 | 93.3 | 93.9 | 95.2 | 95.3 | 96.1 | 97.[illegible] |
| ≥ 500 | 85.5 | 86.0 | 87.0 | 87.7 | 88.9 | 89.1 | 90.2 | 90.6 | 90.8 | 92.6 | 93.4 | 94.[illegible] | 95.3 | 95.5 | 96.[illegible] | 97.[illegible] |
| ≥ 400 | 85.7 | 86.1 | 87.1 | 87.8 | 89.0 | 89.2 | 90.3 | 90.8 | 90.9 | 92.7 | 93.5 | 94.1 | 95.4 | 95.6 | 96.7 | 97.[illegible] |
| ≥ 300 | 85.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.[illegible] | 91.1 | 92.9 | 93.8 | 94.[illegible] | 95.9 | 96.1 | 97.2 | 98.[illegible] |
| ≥ 200 | 85.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.4 | 91.1 | 91.2 | 93.2 | 94.1 | 94.[illegible] | 96.5 | 96.[illegible] | 97.8 | 98.[illegible] |
| ≥ 100 | 85.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.[illegible] | 91.2 | 91.3 | 93.3 | 94.2 | 94.7 | 96.6 | 96.9 | 98.[illegible] | 99.1 |
| ≥ 0 | 85.7 | 86.1 | 87.1 | 88.0 | 89.1 | 89.4 | 90.[illegible] | 91.2 | 91.3 | 93.3 | 94.2 | 94.7 | 96.6 | 96.9 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0-14-5 (OL 1) [illegible]

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ 5/16 | ≥ | ≥0 |
| NO CEILING | 38.3 | 38.8 | 38.8 | 38.8 | 38.8 | 38.8 | 38.9 | 38.9 | 38.9 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ 20000 | 45.5 | 45.8 | 46.0 | 46.1 | 46.1 | 46.1 | 46.2 | 46.2 | 46.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 18000 | 45.9 | 46.2 | 46.5 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 16000 | 47.0 | 47.3 | 47.5 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 14000 | 49.9 | 50.2 | 50.4 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 12000 | 54.2 | 54.6 | 54.8 | 54.9 | 54.9 | 54.9 | 55.0 | 55.1 | 55.1 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 10000 | 58.1 | 58.6 | 58.8 | 58.9 | 58.9 | 58.9 | 59.0 | 59.0 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 9000 | 60.9 | 61.4 | 61.6 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 8000 | 64.7 | 65.5 | 65.7 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 |
| ≥ 7000 | 68.8 | 69.6 | 69.8 | 70.0 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 |
| ≥ 6000 | 72.4 | 73.1 | 73.3 | 73.5 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 |
| ≥ 5000 | 75.1 | 75.8 | 76.0 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 |
| ≥ 4500 | 76.6 | 77.4 | 77.6 | 77.8 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 |
| ≥ 4000 | 79.0 | 79.9 | 80.4 | 80.6 | 80.8 | 80.8 | 81.1 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 |
| ≥ 3500 | 80.1 | 81.4 | 81.9 | 82.2 | 82.3 | 82.3 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 |
| ≥ 3000 | 83.8 | 83.8 | 84.4 | 84.7 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 |
| ≥ 2500 | 83.4 | 85.4 | 86.1 | 86.5 | 86.8 | 86.9 | 87.4 | 87.4 | 87.4 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 |
| ≥ 2000 | 86.0 | 86.6 | 87.4 | 88.3 | 88.6 | 88.7 | 89.4 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 |
| ≥ 1800 | 86.7 | 88.8 | 87.6 | 88.5 | 88.9 | 89.0 | 89.7 | 89.8 | 89.8 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 |
| ≥ 1500 | 88.3 | 89.4 | 88.3 | 89.1 | 89.6 | 89.7 | 90.6 | 90.8 | 90.8 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 |
| ≥ 1200 | 88.8 | 89.1 | 88.7 | 89.8 | 90.3 | 90.4 | 91.0 | 91.9 | 91.9 | 92.6 | 93.0 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 |
| ≥ 1000 | 89.2 | 89.8 | 89.7 | 90.6 | 91.2 | 91.3 | 92.0 | 92.9 | 92.9 | 93.5 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 |
| ≥ 900 | 89.5 | 89.9 | 90.0 | 91.1 | 91.6 | 91.7 | 93.0 | 93.4 | 93.5 | 94.2 | 94.7 | 94.7 | 94.7 | 94.8 | 94.9 | 94.9 |
| ≥ 800 | 90.0 | 90.5 | 90.4 | 91.5 | 92.0 | 92.2 | 93.4 | 93.9 | 94.0 | 94.6 | 95.2 | 95.3 | 95.3 | 95.4 | 95.5 | 95.5 |
| ≥ 700 | 97.4 | 93.2 | 91.2 | 92.3 | 92.9 | 93.0 | 94.3 | 94.7 | 94.9 | 95.6 | 96.1 | 96.2 | 96.2 | 96.3 | 96.5 | 96.5 |
| ≥ 600 | 97.5 | 93.3 | 91.3 | 92.6 | 93.2 | 93.3 | 94.7 | 95.2 | 95.5 | 96.2 | 96.9 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 |
| ≥ 500 | 97.5 | 93.3 | 91.3 | 92.6 | 93.2 | 93.3 | 94.7 | 95.2 | 95.6 | 96.3 | 97.2 | 97.6 | 97.6 | 97.7 | 98.0 | 98.0 |
| ≥ 400 | 97.5 | 93.4 | 91.4 | 92.7 | 93.5 | 93.7 | 95.2 | 95.5 | 96.0 | 96.9 | 97.6 | 98.2 | 98.3 | 98.4 | 98.7 | 98.7 |
| ≥ 300 | 97.5 | 93.4 | 91.5 | 92.8 | 93.7 | 93.9 | 95.3 | 95.7 | 96.1 | 97.0 | 97.7 | 98.3 | 98.6 | 98.7 | 99.0 | 99.0 |
| ≥ 200 | 97.6 | 93.5 | 91.6 | 92.9 | 93.9 | 94.2 | 95.7 | 96.1 | 96.6 | 97.4 | 98.2 | 98.7 | 99.0 | 99.4 | 99.4 | 99.4 |
| ≥ 100 | 97.6 | 93.5 | 91.6 | 92.9 | 93.9 | 94.2 | 95.8 | 96.2 | 96.7 | 97.6 | 98.4 | 98.9 | 99.2 | 99.6 | 100.0 | 100.0 |
| ≥ 0 | 97.6 | 93.5 | 91.6 | 92.9 | 93.9 | 94.2 | 95.8 | 96.2 | 96.7 | 97.6 | 98.4 | 98.9 | 99.2 | 99.6 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1)

2

# CEILING VERSUS VISIBILITY

57-66 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 |
| ≥ 20000 | 45.6 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 | 45.8 |
| ≥ 18000 | 46.2 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 16000 | 46.8 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 | 47.0 |
| ≥ 14000 | 48.9 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 12000 | 51.2 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 | 51.4 |
| ≥ 10000 | 54.1 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 9000 | 56.2 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 8000 | 59.4 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 7000 | 62.2 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 6000 | 65.7 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 5000 | 73.2 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 4500 | 78.4 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4000 | 81.9 | 82.6 | 82.8 | 82.8 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≥ 3500 | 84.7 | 85.6 | 85.9 | 86.1 | 86.3 | 86.5 | 86.5 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3000 | 87.3 | 88.3 | 88.7 | 89.0 | 89.2 | 89.6 | 89.8 | 89.8 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 2500 | 88.2 | 89.2 | 89.7 | 90.0 | 90.4 | 90.5 | 90.6 | 90.8 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 89.5 | 90.9 | 91.4 | 91.9 | 92.6 | 92.7 | 93.1 | 93.1 | 93.2 | 93.3 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1800 | 89.8 | 91.3 | 91.7 | 92.4 | 93.1 | 93.2 | 93.6 | 93.9 | 93.9 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 90.3 | 92.2 | 92.6 | 93.2 | 94.0 | 94.1 | 94.6 | 94.6 | 94.7 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1200 | 92.4 | 92.7 | 93.1 | 93.3 | 94.5 | 94.6 | 95.2 | 95.3 | 95.4 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 92.6 | 92.9 | 93.3 | 94.0 | 94.8 | 94.9 | 95.7 | 95.8 | 95.9 | 96.3 | 96.8 | 96.9 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 93.6 | 94.0 | 94.5 | 94.2 | 95.1 | 95.2 | 95.9 | 96.1 | 96.2 | 96.7 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 93.6 | 94.1 | 94.7 | 94.3 | 95.2 | 95.4 | 96.1 | 96.3 | 96.5 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 94.0 | 94.5 | 94.1 | 94.7 | 95.6 | 95.9 | 96.7 | 97.0 | 97.2 | 97.7 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 94.2 | 94.8 | 94.3 | 94.9 | 95.8 | 96.1 | 96.9 | 97.3 | 97.5 | 98.2 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 94.2 | 94.8 | 94.3 | 95.2 | 96.0 | 96.3 | 97.1 | 97.7 | 98.0 | 98.6 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 94.2 | 94.1 | 94.6 | 95.6 | 96.5 | 96.8 | 97.5 | 98.2 | 98.4 | 99.0 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.2 | 94.1 | 94.7 | 95.7 | 96.6 | 96.9 | 97.6 | 98.3 | 98.5 | 99.1 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.2 | 94.1 | 94.7 | 95.7 | 96.6 | 96.9 | 97.6 | 98.3 | 98.5 | 99.1 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.2 | 94.1 | 94.7 | 95.7 | 96.6 | 96.9 | 97.6 | 98.3 | 98.5 | 99.1 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.2 | 94.1 | 94.7 | 95.7 | 96.6 | 96.9 | 97.6 | 98.3 | 98.5 | 99.1 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

2

[redacted] PRINCE GEORGE, C [redacted] INT [redacted] 57-66
STATION NO. STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥⅜ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 | 38.6 |
| ≥ 20000 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 18000 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 |
| ≥ 16000 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| ≥ 14000 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 12000 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 10000 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 | 57.0 |
| ≥ 9000 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 8000 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 7000 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 6000 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 5000 | 77.0 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 4500 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4000 | 86.9 | 87.2 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 89.9 | 89.8 | 89.8 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3000 | 91.0 | 92.3 | 92.4 | 92.7 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 2500 | 91.4 | 93.3 | 93.5 | 94.0 | 94.1 | 94.1 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 2000 | 92.8 | 94.1 | 94.4 | 94.8 | 94.9 | 94.9 | 95.2 | 95.3 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1800 | 93.5 | 94.4 | 94.7 | 95.2 | 95.3 | 95.3 | 95.5 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 92.7 | 95.1 | 95.4 | 95.8 | 95.9 | 95.9 | 96.1 | 96.3 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 92.9 | 95.2 | 95.5 | 95.9 | 96.0 | 96.0 | 96.2 | 96.7 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 93.0 | 95.4 | 95.7 | 96.1 | 96.2 | 96.3 | 96.9 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 93.0 | 95.4 | 95.7 | 96.1 | 96.2 | 96.3 | 96.9 | 97.4 | 97.6 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 93.0 | 95.4 | 95.7 | 96.1 | 96.2 | 96.3 | 97.0 | 97.5 | 97.7 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 93.0 | 95.4 | 95.7 | 96.1 | 96.2 | 96.3 | 97.0 | 97.5 | 97.7 | 98.3 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 93.0 | 95.4 | 95.7 | 96.1 | 96.2 | 96.3 | 97.0 | 97.5 | 97.7 | 98.3 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 93.0 | 95.3 | 95.9 | 96.3 | 96.5 | 96.6 | 97.2 | 97.8 | 98.1 | 98.6 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 93.0 | 95.6 | 96.0 | 96.6 | 96.7 | 96.9 | 97.4 | 98.1 | 98.3 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 300 | 93.0 | 95.6 | 96.0 | 96.6 | 96.7 | 96.8 | 97.4 | 98.1 | 98.3 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 93.0 | 95.6 | 96.0 | 96.6 | 96.7 | 96.8 | 97.4 | 98.1 | 98.3 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 93.0 | 95.6 | 96.0 | 96.6 | 96.7 | 96.8 | 97.4 | 98.1 | 98.3 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 93.0 | 95.6 | 96.0 | 96.6 | 96.7 | 96.8 | 97.4 | 98.1 | 98.3 | 98.8 | 99.5 | 99.6 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 940

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

252 STATION | PRINCE GEORGE C [illegible] AFT STATION NAME | 57-66 YEARS | JF MONTH

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

1000-2200 HOURS (LST)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 45.5 | 45.5 | 45.5 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 |
| ≥ 20000 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.4 |
| ≥ 18000 | 49.0 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.4 |
| ≥ 16000 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.7 |
| ≥ 14000 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 |
| > 12000 | 56.3 | 56.3 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.7 |
| ≥ 10000 | 61.3 | 61.3 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.6 |
| ≥ 9000 | 64.1 | 64.1 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 |
| ≥ 8000 | 68.3 | 68.3 | 68.3 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| ≥ 7000 | 70.9 | 70.9 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 6000 | 74.8 | 74.8 | 74.8 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 5000 | 80.0 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 4500 | 82.6 | 82.9 | 82.9 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 |
| ≥ 4000 | 86.6 | 86.8 | 86.8 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 |
| ≥ 3500 | 88.6 | 88.7 | 88.7 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.7 |
| ≥ 3000 | 90.9 | 91.0 | 91.1 | 91.5 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 | 92.0 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 |
| ≥ 2500 | 92.5 | 92.6 | 92.8 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 2000 | 93.1 | 93.2 | 93.2 | 94.2 | 94.4 | 94.5 | 94.8 | 94.9 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 |
| ≥ 1800 | 93.1 | 93.2 | 93.2 | 94.2 | 94.4 | 94.5 | 94.9 | 95.1 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 |
| ≥ 1500 | 93.1 | 93.3 | 93.3 | 94.3 | 94.7 | 94.8 | 95.3 | 95.4 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 1200 | 93.6 | 93.7 | 94.1 | 95.1 | 95.5 | 95.6 | 96.1 | 96.3 | 96.3 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.2 |
| ≥ 1000 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 96.9 | 97.1 | 97.2 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 900 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 96.9 | 97.1 | 97.2 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 800 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 97.0 | 97.2 | 97.3 | 98.1 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 |
| ≥ 700 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 97.0 | 97.2 | 97.3 | 98.1 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 |
| ≥ 600 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 97.0 | 97.2 | 97.4 | 98.2 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 500 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 97.0 | 97.2 | 97.4 | 98.2 | 99.0 | 99.1 | 99.2 | 99.4 | 99.4 | 99.5 |
| ≥ 400 | 93.8 | 94.1 | 94.5 | 95.5 | 96.1 | 96.3 | 97.0 | 97.2 | 97.4 | 98.3 | 99.1 | 99.2 | 99.4 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 93.8 | 94.1 | 94.5 | 95.5 | 96.2 | 96.5 | 97.1 | 97.3 | 97.5 | 98.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.8 |
| ≥ 200 | 93.8 | 94.1 | 94.5 | 95.5 | 96.2 | 96.5 | 97.1 | 97.3 | 97.5 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 93.8 | 94.1 | 94.5 | 95.5 | 96.2 | 96.5 | 97.1 | 97.3 | 97.5 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 93.8 | 94.1 | 94.5 | 95.5 | 96.2 | 96.5 | 97.1 | 97.3 | 97.5 | 98.4 | 99.5 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING TEST
USAF ETAC
AIR WEATHER SERVICE

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2400 HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible] | 51.1 | 51.3 | 51.3 | 51.4 | 51.4 | 51.5 | 51.5 | 51.6 | 51.9 | 52.0 | 52.1 | 52.4 | 52.5 | 52.5 | 52.6 |
| ≥ 20000 | 53.3 | 53.7 | 53.9 | 53.9 | 54.0 | 54.0 | 54.1 | 54.2 | 54.2 | 54.5 | 54.6 | 54.8 | 54.9 | 55.1 | 55.4 | 55.4 |
| ≥ 18000 | 53.4 | 53.8 | 54.0 | 54.0 | 54.1 | 54.1 | 54.2 | 54.3 | 54.3 | 54.6 | 54.7 | 54.9 | 55.1 | 55.2 | 55.5 | 55.5 |
| ≥ 16000 | 54.2 | 54.5 | 54.7 | 54.7 | 54.8 | 54.8 | 54.9 | 55.0 | 55.1 | 55.4 | 55.5 | 55.7 | 55.8 | 55.9 | 56.2 | 56.2 |
| ≥ 14000 | 54.8 | 55.2 | 55.4 | 55.4 | 55.5 | 55.5 | 55.6 | 55.7 | 55.7 | 56.0 | 56.1 | 56.3 | 56.5 | 56.6 | 56.9 | 56.9 |
| ≥ 12000 | 58.3 | 58.6 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.1 | 59.1 | 59.5 | 59.6 | 59.8 | 59.9 | 60.0 | 60.3 | 60.3 |
| ≥ 10000 | 63.9 | 63.2 | 63.4 | 63.4 | 63.5 | 63.5 | 63.7 | 63.8 | 63.8 | 64.1 | 64.2 | 64.4 | 64.5 | 64.6 | 64.9 | 64.9 |
| ≥ 9000 | 64.3 | 64.6 | 65.1 | 65.1 | 65.2 | 65.2 | 65.3 | 65.4 | 65.4 | 65.7 | 65.8 | 66.1 | 66.1 | 66.2 | 66.6 | 66.7 |
| ≥ 8000 | 66.9 | 67.2 | 67.4 | 67.4 | 67.5 | 67.5 | 67.6 | 67.7 | 67.7 | 68.1 | 68.2 | 68.4 | 68.5 | 68.6 | 68.9 | 69.0 |
| ≥ 7000 | 71.1 | 71.4 | 71.6 | 71.6 | 71.7 | 71.8 | 71.9 | 72.0 | 72.0 | 72.4 | 72.5 | 72.7 | 72.8 | 72.9 | 73.2 | 73.3 |
| ≥ 6000 | 74.6 | 74.9 | 75.2 | 75.2 | 75.3 | 75.4 | 75.5 | 75.6 | 75.6 | 75.9 | 76.0 | 76.2 | 76.3 | 76.4 | 76.7 | 77.0 |
| ≥ 5000 | 78.6 | 78.9 | 79.2 | 79.2 | 79.4 | 79.5 | 79.6 | 79.7 | 79.7 | 80.0 | 80.1 | 80.3 | 80.5 | 80.6 | 81.0 | 81.1 |
| ≥ 4500 | 80.5 | 80.9 | 81.2 | 81.2 | 81.3 | 81.4 | 81.5 | 81.6 | 81.6 | 82.0 | 82.2 | 82.4 | 82.6 | 82.7 | 83.1 | 83.1 |
| ≥ 4000 | 83.8 | 84.2 | 84.7 | 84.7 | 84.8 | 84.9 | 85.1 | 85.2 | 85.2 | 85.7 | 85.9 | 86.1 | 86.3 | 86.5 | 86.8 | 86.9 |
| ≥ 3500 | 84.6 | 85.4 | 85.9 | 86.0 | 86.1 | 86.2 | 86.3 | 86.5 | 86.5 | 87.0 | 87.2 | 87.5 | 87.8 | 88.0 | 88.3 | 88.4 |
| ≥ 3000 | 86.2 | 86.2 | 86.8 | 86.9 | 87.0 | 87.1 | 87.2 | 87.3 | 87.3 | 87.8 | 88.1 | 88.3 | 88.7 | 88.8 | 89.1 | 89.2 |
| ≥ 2500 | 86.3 | 88.0 | 88.5 | 88.6 | 88.9 | 89.0 | 89.2 | 89.4 | 89.4 | 89.9 | 90.1 | 90.3 | 90.6 | 90.9 | 91.2 | 91.3 |
| ≥ 2000 | 88.9 | 88.5 | 89.0 | 89.8 | 90.3 | 90.5 | 91.1 | 91.2 | 91.2 | 91.7 | 91.9 | 92.4 | 92.6 | 92.7 | 93.0 | 93.1 |
| ≥ 1800 | 87.2 | 88.8 | 89.3 | 90.4 | 91.1 | 91.3 | 91.9 | 92.1 | 92.0 | 92.6 | 92.8 | 93.2 | 93.4 | 93.5 | 93.9 | 94.0 |
| ≥ 1500 | 87.7 | 89.3 | 90.1 | 91.1 | 91.8 | 92.0 | 92.7 | 92.9 | 92.9 | 93.5 | 93.8 | 94.2 | 94.4 | 94.5 | 94.9 | 94.9 |
| ≥ 1200 | 88.1 | 89.9 | 90.5 | 91.6 | 92.4 | 92.6 | 93.3 | 93.7 | 93.9 | 95.2 | 95.4 | 95.9 | 96.0 | 96.1 | 96.5 | 96.6 |
| ≥ 1000 | 91.3 | 92.1 | 92.9 | 92.0 | 92.8 | 93.0 | 93.8 | 94.2 | 94.4 | 95.7 | 96.3 | 96.6 | 97.0 | 97.1 | 97.4 | 97.5 |
| ≥ 900 | 88.5 | 91.3 | 91.1 | 92.3 | 93.0 | 93.2 | 94.0 | 94.4 | 94.6 | 96.0 | 96.8 | 97.3 | 97.4 | 97.5 | 97.8 | 98.0 |
| ≥ 800 | 88.6 | 91.4 | 91.3 | 92.5 | 93.2 | 93.4 | 94.2 | 94.6 | 94.8 | 96.2 | [illegible]2 | 97.6 | 97.8 | 98.0 | 98.3 | 98.4 |
| ≥ 700 | 88.6 | 92.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.3 | [illegible]3 | 97.7 | 98.0 | 98.1 | 98.4 | 98.5 |
| ≥ 600 | 88.6 | 92.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.3 | 96.8 | 98.1 | 98.6 | 98.7 | 99.0 | 99.1 |
| ≥ 500 | 88.6 | 92.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.3 | 96.8 | 98.1 | 98.6 | 98.7 | 99.0 | 99.1 |
| ≥ 400 | 88.6 | 92.5 | 91.4 | 92.6 | 93.3 | 93.5 | 94.3 | 94.7 | 94.9 | 96.3 | 97.8 | 98.1 | 98.7 | 98.8 | 99.1 | 99.2 |
| ≥ 300 | 88.6 | 90.6 | 91.5 | 92.8 | 93.5 | 93.8 | 94.5 | 94.9 | 95.2 | 96.6 | 98.1 | 98.4 | 98.9 | 99.0 | 99.4 | 99.5 |
| ≥ 200 | 88.6 | 90.6 | 91.5 | 92.8 | 93.5 | 93.9 | 94.6 | 95.1 | 95.3 | 96.7 | 98.3 | 98.6 | 99.4 | 99.5 | 99.9 | 100.0 |
| ≥ 100 | 88.6 | 90.6 | 91.5 | 92.8 | 93.5 | 93.9 | 94.6 | 95.1 | 95.3 | 96.7 | 98.3 | 98.8 | 99.4 | 99.5 | 99.9 | 100.0 |
| ≥ 0 | 88.6 | 90.6 | 91.5 | 92.8 | 93.5 | 93.9 | 94.6 | 95.1 | 95.3 | 96.7 | 98.3 | 98.8 | 99.4 | 99.5 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9 [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
[illegible] USAF ETAC [illegible]

2

# CEILING VERSUS VISIBILITY

[illegible] [illegible] 57-66 YEARS [illegible]

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

0000-0100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 51.5 | 51.6 | 51.6 | 51.8 | 51.9 | 51.9 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 |
| ≥ 20000 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 |
| ≥ 18000 | 54.1 | 54.1 | 54.1 | 54.1 | 54.2 | 54.2 | 54.4 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 |
| ≥ 16000 | 54.4 | 54.4 | 54.4 | 54.4 | 54.5 | 54.6 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.1 |
| ≥ 14000 | 55.8 | 55.8 | 55.8 | 55.8 | 55.9 | 55.9 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.2 | 56.3 | 56.3 |
| ≥ 12000 | 57.9 | 57.9 | 57.9 | 57.9 | 58.0 | 58.0 | 58.2 | 58.4 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 |
| ≥ 10000 | 63.1 | 63.1 | 63.1 | 63.1 | 63.2 | 63.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 | 63.7 |
| ≥ 9000 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 66.8 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.2 |
| ≥ 8000 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 |
| ≥ 7000 | 75.2 | 75.3 | 75.3 | 75.3 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 6000 | 76.7 | 76.8 | 76.8 | 76.8 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 |
| ≥ 5000 | 82.3 | 82.4 | 82.6 | 82.6 | 82.8 | 82.8 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 |
| ≥ 4500 | 84.3 | 84.5 | 84.7 | 84.7 | 84.9 | 84.9 | 85.1 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 |
| ≥ 4000 | 87.0 | 87.2 | 87.4 | 87.4 | 87.7 | 87.7 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 |
| ≥ 3500 | 88.7 | 88.9 | 89.2 | 89.2 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 |
| ≥ 3000 | 91.4 | 91.5 | 91.8 | 91.8 | 91.9 | 91.9 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 |
| ≥ 2500 | 91.4 | 92.2 | 92.6 | 93.3 | 93.3 | 93.3 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 |
| ≥ 2000 | 92.2 | 93.2 | 93.4 | 94.2 | 94.6 | 94.7 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 |
| ≥ 1800 | 92.4 | 93.6 | 94.1 | 94.7 | 95.0 | 95.1 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 |
| ≥ 1500 | 93.0 | 94.4 | 95.0 | 95.7 | 96.2 | 96.3 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥ 1200 | 93.1 | 94.6 | 95.1 | 95.8 | 96.3 | 96.4 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 1000 | 93.1 | 94.7 | 95.2 | 95.9 | 96.4 | 96.6 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 |
| ≥ 900 | 93.2 | 95.0 | 95.6 | 96.2 | 96.9 | 97.0 | 97.9 | 98.0 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 800 | 93.2 | 95.0 | 95.6 | 96.2 | 96.9 | 97.0 | 97.9 | 98.0 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 700 | 93.2 | 95.0 | 95.6 | 96.2 | 96.9 | 97.0 | 97.9 | 98.0 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 600 | 93.3 | 95.1 | 95.7 | 96.3 | 97.0 | 97.1 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 |
| ≥ 500 | 93.3 | 95.1 | 95.7 | 96.3 | 97.0 | 97.1 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 |
| ≥ 400 | 93.3 | 95.1 | 95.7 | 96.3 | 97.0 | 97.1 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 |
| ≥ 300 | 93.3 | 95.1 | 96.0 | 96.7 | 97.3 | 97.4 | 98.3 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 |
| ≥ 200 | 93.3 | 95.1 | 96.0 | 96.7 | 97.3 | 97.4 | 98.3 | 98.5 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.2 | 99.4 |
| ≥ 100 | 93.3 | 95.1 | 96.0 | 96.8 | 97.4 | 97.6 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.7 | 100.0 |
| ≥ 0 | 93.3 | 95.1 | 96.0 | 96.8 | 97.4 | 97.6 | 98.6 | 98.8 | 98.8 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
USAF ETAC SERVICE/WEA

# CEILING VERSUS VISIBILITY

[illegible] USAF AEROSPACE RESEARCH DOCUMENTARY UNIT APT STATION NAME 57-66 YEARS MONTH

## 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 | 46.7 | 46.7 | 46.7 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 20000 | 50.1 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.4 | 50.4 | 50.4 | 50.7 | 50.7 | 50.7 | 50.7 |
| ≥ 18000 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 16000 | 50.2 | 50.2 | 50.2 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.8 | 50.8 | 50.8 | 50.8 |
| ≥ 14000 | 51.7 | 51.7 | 51.7 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 51.9 | 52.0 | 52.0 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 12000 | 53.6 | 53.6 | 53.6 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 10000 | 58.6 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 |
| ≥ 9000 | 61.7 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 8000 | 65.7 | 65.8 | 65.8 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 7000 | 71.3 | 71.4 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 6000 | 73.4 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 5000 | 78.6 | 79.0 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 4500 | 81.6 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4000 | 84.4 | 85.3 | 85.3 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3500 | 86.6 | 87.6 | 87.6 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3000 | 89.0 | 90.2 | 90.3 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 2500 | 90.0 | 91.3 | 91.7 | 92.1 | 92.1 | 92.2 | 92.2 | 92.4 | 92.4 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 92.4 | 92.1 | 92.6 | 93.2 | 93.4 | 93.7 | 93.7 | 94.0 | 94.0 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1800 | 93.6 | 92.2 | 92.7 | 93.6 | 94.0 | 94.2 | 94.2 | 94.6 | 94.6 | 94.8 | 94.8 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1500 | 94.3 | 93.1 | 93.6 | 94.6 | 95.0 | 95.2 | 95.2 | 95.6 | 95.6 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 94.9 | 93.7 | 94.1 | 95.2 | 95.6 | 96.0 | 96.3 | 96.7 | 96.7 | 97.2 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 95.0 | 93.9 | 94.3 | 95.4 | 95.8 | 96.2 | 96.6 | 97.0 | 97.3 | 97.3 | 97.9 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 95.0 | 93.9 | 94.3 | 95.4 | 95.8 | 96.4 | 96.8 | 97.0 | 97.3 | 97.3 | 97.9 | 98.2 | 98.4 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 95.1 | 94.0 | 94.4 | 95.6 | 96.0 | 96.4 | 96.7 | 97.1 | 97.4 | 97.4 | 98.0 | 98.3 | 98.3 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.3 | 97.7 | 97.7 | 98.2 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.3 | 97.7 | 97.7 | 98.2 | 98.6 | 98.6 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.4 | 97.9 | 97.9 | 98.4 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 |
| ≥ 400 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.4 | 97.9 | 97.9 | 98.4 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 |
| ≥ 300 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.4 | 97.9 | 97.9 | 98.4 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 |
| ≥ 200 | 95.2 | 94.1 | 94.6 | 95.8 | 96.2 | 96.7 | 96.9 | 97.4 | 97.9 | 97.9 | 98.4 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 95.2 | 94.2 | 94.9 | 96.1 | 97.1 | 97.3 | 98.1 | 98.7 | 98.7 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 95.2 | 94.2 | 94.9 | 96.1 | 97.1 | 97.3 | 98.1 | 98.7 | 98.7 | 99.2 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAF ETAC

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 20000 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 12000 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 59.8 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 10000 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.6 | 65.6 | 65.6 | 65.6 |
| ≥ 9000 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 8000 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 7000 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 6000 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 5000 | 82.1 | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 4500 | 84.7 | 84.7 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 4000 | 87.9 | 87.9 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3500 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 3000 | 91.4 | 91.4 | 91.4 | 91.6 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2500 | 93.3 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 2000 | 93.6 | 93.6 | 93.6 | 93.7 | 93.9 | 93.9 | 94.2 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1800 | 93.9 | 93.9 | 93.9 | 94.1 | 94.3 | 94.3 | 94.7 | 94.7 | 94.7 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1500 | 94.1 | 94.1 | 94.1 | 94.4 | 94.7 | 94.7 | 95.0 | 95.1 | 95.1 | 95.4 | 95.7 | 95.7 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 94.2 | 94.2 | 94.3 | 95.2 | 95.4 | 95.4 | 95.6 | 96.0 | 96.0 | 96.3 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 94.3 | 94.6 | 95.3 | 96.3 | 96.4 | 96.5 | 96.3 | 96.7 | 96.7 | 97.2 | 97.4 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 92.3 | 94.7 | 95.4 | 95.9 | 96.1 | 96.1 | 96.4 | 96.8 | 96.8 | 97.3 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 92.3 | 94.8 | 95.7 | 96.2 | 96.4 | 96.4 | 96.9 | 97.2 | 97.2 | 97.8 | 98.0 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 92.4 | 94.9 | 95.9 | 96.3 | 96.6 | 96.6 | 97.1 | 97.4 | 97.4 | 98.0 | 98.2 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 92.4 | 94.9 | 95.8 | 96.3 | 96.6 | 96.6 | 97.1 | 97.4 | 97.4 | 98.0 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 500 | 92.4 | 94.9 | 95.8 | 96.3 | 96.7 | 96.7 | 97.2 | 97.6 | 97.6 | 98.3 | 98.7 | 98.7 | 99.0 | 99.1 | 99.2 | 99.2 |
| ≥ 400 | 92.4 | 94.9 | 95.8 | 96.3 | 96.7 | 96.7 | 97.4 | 97.6 | 97.6 | 98.3 | 98.8 | 98.8 | 99.1 | 99.3 | 99.4 | 99.4 |
| ≥ 300 | 92.4 | 94.9 | 95.9 | 96.4 | 96.8 | 96.8 | 97.4 | 97.7 | 97.7 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 92.4 | 94.9 | 95.9 | 96.4 | 96.8 | 96.9 | 97.4 | 97.7 | 97.7 | 98.4 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 92.4 | 94.9 | 95.9 | 96.4 | 96.8 | 96.8 | 97.3 | 97.7 | 97.7 | 98.7 | 99.3 | 99.4 | 99.7 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 92.4 | 94.9 | 95.9 | 96.4 | 96.8 | 96.8 | 97.3 | 97.7 | 97.7 | 98.7 | 99.3 | 99.3 | 99.7 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1)

USAF ETAC
AIR WEATHER SERVICE MAC

2

# CEILING VERSUS VISIBILITY

57-65 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1100 LST

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 | 44.8 |
| ≥ 20000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 18000 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 12000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 |
| ≥ 10000 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 9000 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 8000 | 70.0 | 70.0 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 7000 | 72.3 | 72.3 | 72.4 | 72.6 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 6000 | 74.6 | 74.6 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 5000 | 80.1 | 80.1 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 4500 | 82.9 | 82.9 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.3 |
| ≥ 4000 | 85.8 | 85.8 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 3500 | 87.4 | 87.4 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3000 | 89.9 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | 90.9 | 90.9 | 91.0 | 91.1 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 91.0 | 91.1 | 91.7 | 92.1 | 92.2 | 92.2 | 92.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 1800 | 91.0 | 91.2 | 91.8 | 92.2 | 92.3 | 92.3 | 92.4 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1500 | 92.0 | 92.4 | 93.1 | 93.6 | 93.8 | 93.8 | 93.9 | 94.1 | 94.1 | 94.1 | 94.3 | 94.4 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 92.6 | 93.0 | 94.2 | 94.7 | 94.9 | 94.9 | 95.0 | 95.2 | 95.2 | 95.2 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 93.0 | 94.1 | 94.8 | 95.3 | 95.6 | 95.6 | 95.8 | 96.0 | 96.0 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 900 | 93.3 | 94.9 | 95.6 | 96.1 | 96.3 | 96.3 | 96.6 | 97.0 | 97.0 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 93.8 | 94.9 | 95.6 | 96.2 | 96.4 | 96.4 | 96.9 | 97.1 | 97.1 | 97.3 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 94.4 | 95.1 | 95.8 | 96.4 | 96.7 | 96.8 | 97.0 | 97.4 | 97.4 | 97.7 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 600 | 95.4 | 95.4 | 96.1 | 97.0 | 97.4 | 97.3 | 98.0 | 98.4 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 95.4 | 95.9 | 96.6 | 97.5 | 97.8 | 97.9 | 98.6 | 98.8 | 98.8 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 96.4 | 96.0 | 96.7 | 97.7 | 97.9 | 98.0 | 98.7 | 98.9 | 98.9 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 96.4 | 96.1 | 96.8 | 97.8 | 98.0 | 98.1 | 98.8 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.4 | 96.1 | 96.8 | 97.8 | 98.0 | 98.1 | 98.8 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.4 | 96.1 | 96.8 | 97.8 | 98.0 | 98.1 | 98.8 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.4 | 96.1 | 96.8 | 97.8 | 98.0 | 98.1 | 98.8 | 99.0 | 99.0 | 99.2 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5-10L-1

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33. |
| ≥ 20000 | 42.0 | 42. | 42.0 | 42. | 42.0 | 42. | 42. | 42. | 42.0 | 42.0 | 42.0 | 42.0 | 42. | 42. | 42. | 42. |
| ≥ 18000 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42. | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42. |
| ≥ 16000 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43. | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43.2 | 43. |
| ≥ 14000 | 45.0 | 45.0 | 45.0 | 45.0 | 45. | 45. | 45.0 | 45. | 45.0 | 45.0 | 45.0 | 45.0 | 45.0 | 45. | 45. | 45. |
| ≥ 12000 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47. |
| ≥ 10000 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49.8 | 49. |
| ≥ 9000 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52. |
| ≥ 8000 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56. |
| ≥ 7000 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 61. |
| ≥ 6000 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 66.9 | 67. |
| ≥ 5000 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78. |
| ≥ 4500 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83. |
| ≥ 4000 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87. |
| ≥ 3500 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89. |
| ≥ 3000 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91. |
| ≥ 2500 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92. |
| ≥ 2000 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93. |
| ≥ 1800 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94. |
| ≥ 1500 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95. |
| ≥ 1200 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96. |
| ≥ 1000 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97. |
| ≥ 900 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98. |
| ≥ 800 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99. |
| ≥ 700 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99. |
| ≥ 600 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99. |
| ≥ 400 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100. |
| ≥ 300 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100. |
| ≥ 200 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100. |
| ≥ 100 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100. |
| ≥ 0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 100. |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 |
| ≥ 20000 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 | 39.7 |
| ≥ 10000 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.0 | 40.1 |
| ≥ 6000 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.4 |
| ≥ 5000 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.4 |
| ≥ 4000 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 | 46.4 |
| ≥ 3500 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.1 |
| ≥ 3000 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 |
| ≥ 2500 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 |
| ≥ 2000 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.4 |
| ≥ 1800 | 63.4 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 |
| ≥ 1500 | 81.6 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.9 |
| ≥ 1200 | 85.1 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 1000 | 90.0 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.9 |
| ≥ 900 | 91.1 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.1 |
| ≥ 800 | 92.1 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 |
| ≥ 700 | 92.8 | 92.9 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 |
| ≥ 600 | 93.2 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 |
| ≥ 500 | 93.8 | 94.1 | 94.2 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 |
| ≥ 400 | 94.4 | 95.3 | 95.6 | 96.0 | 96.0 | 96.1 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 300 | 95.7 | 96.9 | 97.1 | 97.7 | 97.7 | 97.8 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.2 |
| ≥ 200 | 96.8 | 97.1 | 97.3 | 98.1 | 98.1 | 98.2 | 98.4 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 100 | 96.8 | 97.2 | 97.4 | 98.2 | 98.2 | 98.3 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 0 | 96.9 | 97.4 | 97.7 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 |
| | 96.9 | 97.4 | 97.7 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| | 96.9 | 97.4 | 97.7 | 98.4 | 98.6 | 98.8 | 99.3 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| | 96.9 | 97.4 | 97.8 | 98.7 | 98.7 | 98.9 | 99.4 | 99.4 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| | 96.9 | 97.4 | 97.8 | 98.7 | 98.7 | 98.9 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| | 96.9 | 97.4 | 97.8 | 98.7 | 98.7 | 98.9 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | <¼ | ≥0 |
| NO CEILING | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 |
| ≥ 20000 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 18000 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 | 46.8 |
| ≥ 16000 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| ≥ 14000 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 12000 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 10000 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 9000 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≥ 8000 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 7000 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 6000 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 5000 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4500 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4000 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 3000 | 95.0 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 2500 | 95.4 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 2000 | 96.1 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1800 | 96.4 | 96.4 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1500 | 96.6 | 96.7 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1200 | 97.0 | 97.4 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 1000 | 97.1 | 97.7 | 98.1 | 98.3 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 97.1 | 97.7 | 98.1 | 98.4 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 97.1 | 97.7 | 98.1 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 99.0 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 700 | 97.1 | 97.8 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 99.0 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 97.1 | 97.8 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.3 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 97.1 | 97.9 | 98.3 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.2 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 97.1 | 97.9 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 97.1 | 97.9 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.1 | 97.9 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.1 | 97.9 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.1 | 97.9 | 98.4 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 |
| ≥ 20000 | 53.3 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 |
| ≥ 18000 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 |
| ≥ 16000 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 |
| ≥ 14000 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 |
| ≥ 12000 | 57.3 | 57.3 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.6 |
| ≥ 10000 | 62.2 | 62.3 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 |
| ≥ 9000 | 65.6 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 |
| ≥ 8000 | 69.6 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 |
| ≥ 7000 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.1 | 75.1 |
| ≥ 6000 | 77.2 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 |
| ≥ 5000 | 83.7 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 |
| ≥ 4500 | 86.7 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.2 | 87.2 |
| ≥ 4000 | 89.9 | 90.1 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 |
| ≥ 3500 | 91.6 | 91.2 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 |
| ≥ 3000 | 93.6 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 |
| ≥ 2500 | 95.1 | 95.7 | 94.0 | 94.0 | 94.2 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 |
| ≥ 2000 | 96.6 | 96.8 | 96.7 | 96.8 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 |
| ≥ 1800 | 96.8 | 96.8 | 96.9 | 96.1 | 96.3 | 96.3 | 96.0 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 1500 | 96.4 | 96.4 | 96.8 | 97.1 | 97.3 | 97.3 | 97.0 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.9 | 98.0 | 98.1 | 98.1 |
| ≥ 1200 | 96.7 | 96.7 | 97.1 | 97.7 | 98.0 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 |
| ≥ 1000 | 96.7 | 96.7 | 97.1 | 97.8 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 900 | 96.7 | 96.7 | 97.1 | 97.8 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 800 | 96.7 | 96.7 | 97.1 | 97.8 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 700 | 96.7 | 96.7 | 97.1 | 97.8 | 98.3 | 98.3 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.3 | 99.3 |
| ≥ 600 | 96.7 | 96.7 | 97.2 | 97.9 | 98.4 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 |
| ≥ 500 | 96.7 | 96.7 | 97.2 | 97.9 | 98.4 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 400 | 96.7 | 96.7 | 97.2 | 97.9 | 98.4 | 98.4 | 98.7 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 300 | 96.7 | 96.7 | 97.3 | 98.0 | 98.6 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 96.7 | 96.7 | 97.3 | 98.0 | 98.6 | 98.6 | 98.8 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 |
| ≥ 100 | 96.7 | 96.7 | 97.3 | 98.0 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 96.7 | 96.7 | 97.3 | 98.0 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.3 | 99.6 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1) [illegible]

2

# CEILING VERSUS VISIBILITY

57-69
YEAR

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | 54.0 | 54.5 | 54.8 | 55.1 | 55.2 | 55.6 | 55.6 | 55.7 | 55.4 | 55.9 | 55.6 | 55.8 | 56.0 | 56.1 | 56.2 | 56.4 |
| ≥ 20000 | 56.3 | 56.5 | 56.7 | 56.9 | 57.0 | 57.2 | 57.1 | 57.2 | 57.2 | 57.3 | 57.4 | 57.5 | 57.8 | 58.0 | 58.2 | 58.4 |
| ≥ 18000 | 56.5 | 56.8 | 56.9 | 56.9 | 57.0 | 57.2 | 57.4 | 57.5 | 57.2 | 57.3 | 57.4 | 57.6 | 57.8 | 58.0 | 58.2 | 58.4 |
| ≥ 16000 | 57.2 | 57.2 | 57.4 | 57.6 | 57.7 | 57.9 | 57.9 | 58.0 | 58.0 | 58.1 | 58.2 | 58.4 | 58.6 | 58.7 | 58.9 | 59.1 |
| ≥ 14000 | 58.1 | 58.1 | 58.3 | 58.5 | 58.6 | 58.8 | 58.7 | 58.9 | 58.8 | 58.9 | 59.0 | 59.2 | 59.5 | 59.6 | 59.8 | 60.0 |
| ≥ 12000 | 59.5 | 59.5 | 59.7 | 59.9 | 60.0 | 60.2 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 | 60.6 | 60.9 | 61.0 | 61.2 | 61.4 |
| ≥ 10000 | 64.7 | 64.7 | 64.9 | 64.1 | 64.2 | 64.2 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.6 | 65.1 | 65.2 | 65.4 | 65.6 |
| ≥ 9000 | 66.4 | 66.4 | 66.6 | 66.8 | 66.9 | 66.9 | 67.0 | 67.1 | 67.1 | 67.2 | 67.3 | 67.3 | 67.7 | 67.8 | 68.1 | 68.3 |
| ≥ 8000 | 69.2 | 69.2 | 69.5 | 69.7 | 69.8 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.2 | 70.3 | 70.6 | 70.7 | 71.0 | 71.2 |
| ≥ 7000 | 74.3 | 74.5 | 74.7 | 74.9 | 75.0 | 75.0 | 75.3 | 75.4 | 75.4 | 75.5 | 75.6 | 75.7 | 75.8 | 75.9 | 76.2 | 76.4 |
| ≥ 6000 | 75.9 | 75.9 | 76.1 | 76.3 | 76.4 | 76.4 | 76.4 | 76.6 | 76.6 | 76.8 | 76.9 | 77.0 | 77.2 | 77.3 | 77.7 | 77.9 |
| ≥ 5000 | 81.8 | 81.9 | 82.0 | 82.3 | 82.3 | 82.3 | 82.4 | 82.5 | 82.6 | 82.9 | 83.0 | 83.1 | 83.5 | 83.7 | 84.0 | 84.1 |
| ≥ 4500 | 84.3 | 84.4 | 84.6 | 85.0 | 85.1 | 85.1 | 85.2 | 85.3 | 85.4 | 85.7 | 85.8 | 86.0 | 86.4 | 86.6 | 86.9 | 87.1 |
| ≥ 4000 | 87.4 | 87.6 | 87.8 | 87.9 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.5 | 88.6 | 88.7 | 89.1 | 89.3 | 89.6 | 89.7 |
| ≥ 3500 | 88.6 | 88.8 | 89.0 | 89.1 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 | 89.7 | 89.8 | 89.9 | 90.3 | 90.5 | 91.0 | 91.2 |
| ≥ 3000 | 90.6 | 90.8 | 90.9 | 91.0 | 91.1 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 91.5 | 91.6 | 92.0 | 92.2 | 92.4 | 92.6 |
| ≥ 2500 | 91.0 | 91.3 | 92.3 | 92.4 | 92.5 | 92.5 | 92.6 | 92.7 | 93.2 | 93.2 | 93.3 | 93.5 | 93.5 | 94.0 | 94.1 | 94.3 |
| ≥ 2000 | 93.6 | 93.8 | 94.0 | 94.1 | 94.2 | 94.2 | 94.3 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 94.8 | 95.3 | 95.4 | 95.6 |
| ≥ 1800 | 93.9 | 94.1 | 94.3 | 94.4 | 94.5 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 95.0 | 95.2 | 95.2 | 95.6 | 95.7 | 95.9 |
| ≥ 1500 | 94.4 | 94.6 | 94.8 | 94.9 | 95.0 | 95.0 | 95.1 | 95.2 | 95.4 | 95.5 | 95.6 | 95.7 | 95.7 | 96.1 | 96.2 | 96.4 |
| ≥ 1200 | 94.7 | 94.9 | 95.1 | 95.2 | 95.3 | 95.3 | 95.4 | 95.5 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 96.7 | 96.8 | 97.0 |
| ≥ 1000 | 94.7 | 94.9 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 96.0 | 96.1 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 97.1 |
| ≥ 900 | 94.8 | 94.9 | 95.1 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 96.1 | 96.2 | 96.3 | 96.5 | 96.7 | 96.7 | 97.1 | 97.2 |
| ≥ 800 | 94.9 | 94.9 | 95.2 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 96.0 | 96.1 | 96.2 | 96.4 | 96.6 | 96.7 | 97.1 | 97.2 |
| ≥ 700 | 94.9 | 95.1 | 95.3 | 95.4 | 95.5 | 95.5 | 95.6 | 95.7 | 96.2 | 96.3 | 96.4 | 96.6 | 96.8 | 96.9 | 97.3 | 97.4 |
| ≥ 600 | 94.9 | 95.1 | 95.3 | 95.4 | 95.5 | 95.5 | 95.6 | 95.7 | 96.2 | 96.3 | 96.4 | 96.6 | 96.8 | 96.9 | 97.3 | 97.4 |
| ≥ 500 | 95.0 | 95.2 | 95.4 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 | 96.3 | 96.4 | 96.5 | 96.7 | 96.9 | 97.0 | 97.4 | 97.5 |
| ≥ 400 | 95.1 | 95.3 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 95.9 | 96.4 | 96.5 | 96.6 | 96.8 | 97.0 | 97.1 | 97.5 | 97.6 |
| ≥ 300 | 95.2 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.5 | 96.6 | 96.7 | 96.9 | 97.1 | 97.2 | 97.6 | 97.7 |
| ≥ 200 | 95.2 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.5 | 96.6 | 96.7 | 96.9 | 97.1 | 97.2 | 97.6 | 97.7 |
| ≥ 100 | 95.2 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.5 | 96.6 | 96.7 | 96.9 | 97.1 | 97.2 | 97.6 | 97.7 |
| ≥ 0 | 95.2 | 95.4 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.5 | 96.6 | 96.7 | 96.9 | 97.1 | 97.2 | 97.6 | 97.7 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0 14-5 (OL 1)

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 49.8 | 49.9 | 49.6 | 49.8 | 50.0 | 50.0 | 50.1 | 50.1 | 50.1 | 50.2 | 50.4 | 50.4 | 50.6 | 50.6 | 50.6 | 50.6 |
| ≥ 20000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.4 |
| ≥ 18000 | 53.3 | 53.3 | 53.3 | 53.3 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 54.0 | 54.0 | 54.2 | 54.2 | 54.2 | 54.4 |
| ≥ 16000 | 53.8 | 53.8 | 53.8 | 53.8 | 54.0 | 54.0 | 54.1 | 54.1 | 54.1 | 54.2 | 54.4 | 54.4 | 54.6 | 54.6 | 54.6 | 54.8 |
| ≥ 14000 | 55.5 | 55.5 | 55.5 | 55.5 | 55.7 | 55.7 | 55.9 | 55.9 | 55.8 | 55.9 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.5 |
| ≥ 12000 | 57.8 | 58.0 | 58.0 | 58.0 | 58.2 | 58.2 | 58.4 | 58.3 | 58.3 | 58.4 | 58.6 | 58.6 | 58.8 | 58.8 | 58.8 | 59.0 |
| ≥ 10000 | 62.9 | 63.0 | 63.0 | 63.0 | 63.2 | 63.2 | 63.3 | 63.3 | 63.3 | 63.4 | 63.7 | 63.7 | 63.9 | 63.9 | 63.9 | 64.1 |
| ≥ 9000 | 66.2 | 66.3 | 66.3 | 66.3 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.8 | 67.0 | 67.0 | 67.2 | 67.2 | 67.2 | 67.4 |
| ≥ 8000 | 69.2 | 69.4 | 69.4 | 69.4 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.8 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.4 |
| ≥ 7000 | 74.0 | 74.1 | 74.1 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.5 | 74.6 | 74.8 | 74.8 | 75.0 | 75.1 | 75.1 | 75.3 |
| ≥ 6000 | 76.0 | 76.1 | 76.1 | 76.1 | 76.3 | 76.3 | 76.7 | 76.7 | 76.7 | 76.8 | 77.0 | 77.0 | 77.3 | 77.4 | 77.4 | 77.6 |
| ≥ 5000 | 81.1 | 81.3 | 81.3 | 81.3 | 81.6 | 81.8 | 82.0 | 82.0 | 82.0 | 82.2 | 82.4 | 82.4 | 82.8 | 82.9 | 82.9 | 83.2 |
| ≥ 4500 | 83.3 | 83.7 | 83.7 | 83.7 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 | 84.7 | 84.7 | 85.2 | 85.3 | 85.3 | 85.7 |
| ≥ 4000 | 86.9 | 86.9 | 86.9 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.5 | 87.5 | 88.0 | 88.1 | 88.1 | 88.5 |
| ≥ 3500 | 87.2 | 88.0 | 88.0 | 88.0 | 88.3 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 | 89.0 | 89.0 | 89.5 | 89.6 | 89.6 | 90.0 |
| ≥ 3000 | 88.1 | 89.0 | 89.0 | 89.0 | 89.3 | 89.6 | 89.8 | 89.8 | 89.8 | 89.9 | 90.1 | 90.1 | 90.5 | 90.6 | 90.6 | 91.1 |
| ≥ 2500 | 89.0 | 90.5 | 90.5 | 90.5 | 91.2 | 91.2 | 91.4 | 91.4 | 91.4 | 91.5 | 91.7 | 91.7 | 92.3 | 92.4 | 92.4 | 92.8 |
| ≥ 2000 | 89.8 | 91.5 | 91.7 | 91.9 | 92.6 | 92.8 | 92.8 | 92.9 | 92.9 | 93.0 | 93.2 | 93.2 | 93.8 | 93.9 | 93.9 | 94.3 |
| ≥ 1800 | 89.9 | 91.8 | 92.0 | 92.3 | 92.9 | 93.2 | 93.4 | 93.4 | 93.4 | 93.5 | 93.8 | 93.8 | 94.3 | 94.4 | 94.4 | 94.8 |
| ≥ 1500 | 90.4 | 92.5 | 92.7 | 92.9 | 93.7 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.9 | 95.0 | 95.0 | 95.4 |
| ≥ 1200 | 90.8 | 93.0 | 93.2 | 93.4 | 94.3 | 94.6 | 95.0 | 95.1 | 95.3 | 95.4 | 95.6 | 95.6 | 96.1 | 96.2 | 96.2 | 96.7 |
| ≥ 1000 | 91.0 | 93.1 | 93.5 | 94.0 | 94.9 | 95.1 | 95.5 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.6 | 96.7 | 96.7 | 97.1 |
| ≥ 900 | 91.2 | 93.1 | 93.5 | 94.0 | 94.9 | 95.1 | 95.5 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.6 | 96.7 | 96.7 | 97.1 |
| ≥ 800 | 91.4 | 94.5 | 94.6 | 94.9 | 95.6 | 95.7 | 96.1 | 96.3 | 96.3 | 96.5 | 96.7 | 96.7 | 97.2 | 97.4 | 97.4 | 97.8 |
| ≥ 700 | 91.9 | 93.5 | 94.0 | 94.6 | 95.8 | 95.9 | 96.3 | 96.7 | 96.7 | 96.8 | 97.0 | 97.0 | 97.5 | 97.7 | 97.7 | 98.2 |
| ≥ 600 | 92.0 | 94.0 | 94.4 | 95.3 | 96.5 | 96.6 | 97.1 | 97.3 | 97.3 | 97.4 | 97.6 | 97.6 | 98.2 | 98.4 | 98.4 | 98.8 |
| ≥ 500 | 92.1 | 94.1 | 94.5 | 95.4 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 97.5 | 97.7 | 97.7 | 98.3 | 98.5 | 98.5 | 99.0 |
| ≥ 400 | 92.1 | 94.1 | 94.5 | 95.4 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 97.5 | 97.7 | 97.7 | 98.3 | 98.5 | 98.5 | 99.0 |
| ≥ 300 | 92.1 | 94.1 | 94.5 | 95.4 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 98.4 | 98.6 | 98.6 | 99.2 |
| ≥ 200 | 92.1 | 94.1 | 94.5 | 95.4 | 96.6 | 96.7 | 97.2 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 98.4 | 98.6 | 98.6 | 99.2 |
| ≥ 100 | 92.1 | 94.1 | 94.5 | 95.4 | 96.7 | 96.8 | 97.3 | 97.5 | 97.5 | 97.7 | 98.0 | 98.0 | 98.7 | 98.9 | 98.9 | 99.5 |
| ≥ 0 | 92.1 | 94.1 | 94.5 | 95.4 | 96.7 | 96.8 | 97.3 | 97.5 | 97.5 | 97.7 | 98.0 | 98.0 | 98.7 | 98.9 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

# CEILING VERSUS VISIBILITY

57-60

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 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 49.0 | 49.0 | 49.1 | 49.1 | 49.1 | 49.2 |
| ≥ 20000 | 53.5 | 53.5 | 53.5 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.8 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 |
| ≥ 18000 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.3 |
| ≥ 16000 | 54.8 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 55.1 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| ≥ 14000 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.4 | 57.4 | 57.4 | 57.4 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.7 | 57.8 |
| ≥ 12000 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 61.0 |
| ≥ 10000 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.5 | 63.7 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 |
| ≥ 9000 | 66.1 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 |
| ≥ 8000 | 70.6 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 |
| ≥ 7000 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 |
| ≥ 6000 | 76.5 | 76.7 | 76.7 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.8 | 76.9 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.3 |
| ≥ 5000 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 |
| ≥ 4500 | 83.9 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.9 |
| ≥ 4000 | 84.4 | 84.8 | 84.8 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 |
| ≥ 3500 | 86.6 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.5 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 |
| ≥ 3000 | 87.3 | 87.5 | 87.5 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 |
| ≥ 2500 | 87.6 | 88.4 | 88.4 | 88.6 | 88.6 | 88.6 | 88.7 | 88.9 | 88.9 | 89.0 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.4 |
| ≥ 2000 | 88.3 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.2 | 89.3 | 89.3 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.9 |
| ≥ 1800 | 88.6 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 90.0 | 90.2 | 90.2 | 90.3 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 |
| ≥ 1500 | 90.0 | 90.5 | 90.8 | 91.1 | 91.2 | 91.2 | 91.4 | 91.5 | 91.6 | 91.7 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.2 |
| ≥ 1200 | 90.5 | 91.5 | 91.7 | 92.2 | 92.3 | 92.3 | 92.5 | 92.7 | 92.7 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 |
| ≥ 1000 | 90.8 | 92.2 | 92.6 | 93.0 | 93.2 | 93.2 | 93.4 | 93.7 | 93.7 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 |
| ≥ 900 | 91.0 | 92.4 | 92.8 | 93.2 | 93.4 | 93.4 | 93.7 | 94.0 | 94.0 | 94.2 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 |
| ≥ 800 | 91.2 | 92.9 | 93.3 | 93.8 | 94.0 | 94.0 | 94.2 | 94.5 | 94.6 | 94.8 | 95.3 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 |
| ≥ 700 | 91.2 | 93.3 | 93.8 | 94.2 | 94.4 | 94.4 | 94.5 | 95.1 | 95.1 | 95.3 | 95.7 | 95.8 | 96.0 | 96.0 | 96.0 | 96.1 |
| ≥ 600 | 91.3 | 94.3 | 94.4 | 94.9 | 95.2 | 95.3 | 95.5 | 95.9 | 95.9 | 96.2 | 96.7 | 96.9 | 97.1 | 97.1 | 97.1 | 97.2 |
| ≥ 500 | 91.3 | 94.1 | 94.6 | 95.2 | 95.5 | 95.5 | 95.8 | 96.2 | 96.2 | 96.6 | 97.1 | 97.4 | 97.7 | 97.7 | 97.7 | 97.8 |
| ≥ 400 | 91.3 | 94.1 | 94.6 | 95.4 | 95.9 | 95.9 | 96.3 | 96.8 | 96.8 | 97.1 | 97.6 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 300 | 91.3 | 94.1 | 94.7 | 95.6 | 96.2 | 96.2 | 96.7 | 97.2 | 97.2 | 97.5 | 98.1 | 98.3 | 98.7 | 98.7 | 98.8 | 98.9 |
| ≥ 200 | 91.3 | 94.3 | 94.9 | 95.9 | 96.7 | 96.7 | 97.1 | 97.6 | 97.6 | 98.1 | 98.6 | 98.8 | 99.2 | 99.4 | 99.6 | 99.7 |
| ≥ 100 | 91.3 | 94.3 | 94.9 | 95.9 | 96.7 | 96.7 | 97.1 | 97.6 | 97.6 | 98.1 | 98.6 | 98.8 | 99.2 | 99.4 | 99.7 | 99.9 |
| ≥ 0 | 91.3 | 94.3 | 94.9 | 96.0 | 96.8 | 96.8 | 97.2 | 97.7 | 97.7 | 98.2 | 98.7 | 98.9 | 99.4 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
FOR EARTH EVALUATION AC

2

# CEILING VERSUS VISIBILITY

[redacted] PRATT GEORGE [redacted] OUT PT 57-66 YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-1100

| CEILING FEET | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 44.6 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 | 44.7 |
| ≥ 20000 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| ≥ 18000 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 16000 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 14000 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 12000 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≥ 10000 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 9000 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 8000 | 65.3 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 7000 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 6000 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 5000 | 77.2 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 4500 | 80.2 | 80.4 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 4000 | 83.0 | 83.5 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 |
| ≥ 3500 | 85.2 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 |
| ≥ 3000 | 87.5 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.7 |
| ≥ 2500 | 89.2 | 90.1 | 90.3 | 90.3 | 90.3 | 90.3 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 |
| ≥ 2000 | 91.3 | 91.2 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 |
| ≥ 1800 | 91.0 | 91.8 | 92.0 | 92.0 | 92.0 | 92.0 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 |
| ≥ 1500 | 92.4 | 93.2 | 93.5 | 93.8 | 93.8 | 93.8 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| ≥ 1200 | 93.6 | 94.1 | 94.6 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 |
| ≥ 1000 | 93.7 | 94.7 | 95.3 | 95.7 | 95.7 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 |
| ≥ 900 | 94.1 | 95.7 | 96.3 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 800 | 94.3 | 96.1 | 96.8 | 97.2 | 97.3 | 97.3 | 97.5 | 97.5 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 94.3 | 95.8 | 97.3 | 97.7 | 97.8 | 97.8 | 98.1 | 98.1 | 98.2 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 94.8 | 97.1 | 98.0 | 98.5 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 94.8 | 97.1 | 98.1 | 98.6 | 98.7 | 98.7 | 98.9 | 99.0 | 99.1 | 99.4 | 99.5 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 94.8 | 97.3 | 98.3 | 98.8 | 98.9 | 98.9 | 99.1 | 99.2 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.9 | 97.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.9 | 97.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.9 | 97.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.9 | 97.4 | 98.4 | 98.9 | 99.0 | 99.0 | 99.2 | 99.4 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] PRINCE GEORGE C [illegible] APT 57-66
STATION STATION NAME YEARS

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

12[illegible]-140[illegible]
MONTH(S) HOUR(S)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 32.4 | 32.6 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 |
| ≥ 20000 | 38.4 | 38.6 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 | 38.7 |
| ≥ 18000 | 38.6 | 38.8 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 | 38.9 |
| ≥ 16000 | 39.8 | 40.0 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 | 40.1 |
| ≥ 14000 | 40.5 | 40.8 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 | 40.9 |
| ≥ 12000 | 42.3 | 42.5 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 |
| ≥ 10000 | 44.7 | 44.9 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| ≥ 9000 | 46.9 | 47.1 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 | 47.2 |
| ≥ 8000 | 48.8 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 | 49.1 |
| ≥ 7000 | 52.6 | 52.8 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 | 52.9 |
| ≥ 6000 | 62.1 | 62.2 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 5000 | 76.0 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 4500 | 81.2 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4000 | 86.0 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 3500 | 89.4 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 3000 | 90.9 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 2500 | 92.4 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 93.7 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1800 | 94.5 | 95.2 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 96.0 | 96.8 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1200 | 96.6 | 97.3 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 1000 | 96.9 | 97.6 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 97.0 | 97.1 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 97.2 | 98.3 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 97.4 | 98.6 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 97.6 | 98.8 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.7 | 98.9 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATR PROCESSING DIVISION
USAF ETAC
AFB EAT HR SERVICE/MAC

# CEILING VERSUS VISIBILITY

20260 STATION — PRINCE GEORGE C [illegible] APT STATION NAME — 57-66 YEARS — MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 |
| ≥ 20000 | 37.4 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 | 37.7 |
| ≥ 18000 | 37.8 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 |
| ≥ 16000 | 38.7 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 | 39.0 |
| ≥ 14000 | 40.6 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 | 41.0 |
| ≥ 12000 | 43.7 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 | 44.0 |
| ≥ 10000 | 48.2 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| ≥ 9000 | 51.0 | 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 | 51.3 | 51.3 |
| ≥ 8000 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 7000 | 59.6 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 | 59.9 |
| ≥ 6000 | 72.5 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 5000 | 82.1 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4500 | 85.4 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 4000 | 90.0 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 3500 | 92.8 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 94.2 | 95.1 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 2500 | 95.4 | 96.3 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2000 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 96.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 97.7 | 97.7 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1200 | 97.1 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1000 | 97.3 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 97.6 | 98.9 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 97.7 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 97.7 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.7 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 943

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible] MONTH

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

[illegible]-2000 HOURS (L.S.T.)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 42.7 | 42.8 | 42.8 | 42.8 | 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 | 49.5 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 18000 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 | 49.7 |
| ≥ 16000 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 |
| ≥ 14000 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 12000 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 10000 | 62.4 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 | 62.5 |
| ≥ 9000 | 66.7 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 8000 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 7000 | 74.1 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 6000 | 80.5 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 5000 | 86.8 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 4500 | 88.7 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 4000 | 91.7 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 3500 | 94.1 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 3000 | 95.2 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 2500 | 96.3 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 2000 | 97.1 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 97.6 | 98.1 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1500 | 97.9 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1200 | 97.6 | 98.6 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 1000 | 97.6 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 97.8 | 98.9 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 98.0 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 98.3 | 99.4 | 99.5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.3 | 99.4 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
[illegible]

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS 2100-2400

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

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 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 | 52.9 | 52.9 | 52.9 |
| ≥ 20000 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.1 | 56.1 |
| ≥ 18000 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.2 | 56.2 | 56.2 |
| ≥ 16000 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.8 | 56.8 | 56.8 | 56.8 |
| ≥ 14000 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.3 |
| ≥ 12000 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 |
| ≥ 10000 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 9000 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 8000 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 7000 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 6000 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 5000 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4500 | 87.7 | 88.1 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 4000 | 90.4 | 91.1 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 3500 | 91.7 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 3000 | 93.1 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 2500 | 94.6 | 95.4 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 2000 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1800 | 96.8 | 97.0 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 1500 | 97.0 | 97.5 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 1200 | 97.7 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 98.8 | 99.3 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.8 | 99.3 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 800 | 98.8 | 99.3 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 98.8 | 99.3 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 98.9 | 99.0 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 96.9 | 98.6 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 97.0 | 98.9 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 97.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 97.0 | 98.9 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 97.0 | 98.9 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 97.0 | 98.9 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 9[illegible]

USAF ETAC FORM 0-14-5 (OL 1) [illegible]

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 54.3 | 54.3 | 54.4 | 54.4 | 54.7 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 | 54.9 |
| ≥ 20000 | 55.7 | 55.7 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.4 | 56.4 | 56.4 | 56.6 | 56.7 | 56.7 |
| ≥ 18000 | 55.7 | 55.7 | 55.8 | 55.8 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.2 | 56.4 | 56.4 | 56.4 | 56.6 | 56.7 | 56.7 |
| ≥ 16000 | 56.0 | 56.0 | 56.1 | 56.1 | 56.4 | 56.4 | 56.4 | 56.4 | 56.4 | 56.6 | 56.8 | 56.8 | 56.8 | 56.9 | 57.0 | 57.0 |
| ≥ 14000 | 57.3 | 57.3 | 57.4 | 57.4 | 57.7 | 57.7 | 57.8 | 57.8 | 57.8 | 57.9 | 58.1 | 58.1 | 58.1 | 58.2 | 58.3 | 58.3 |
| ≥ 12000 | 59.3 | 59.3 | 59.4 | 59.4 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.9 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 |
| ≥ 10000 | 66.1 | 66.1 | 66.3 | 66.3 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.2 |
| ≥ 9000 | 69.8 | 69.8 | 70.0 | 70.0 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.4 | 70.7 | 70.7 | 70.7 | 70.8 | 70.9 | 71.0 |
| ≥ 8000 | 73.1 | 73.1 | 73.3 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.8 | 73.9 | 74.1 | 74.1 | 74.1 | 74.2 | 74.3 | 74.4 |
| ≥ 7000 | 79.4 | 79.4 | 79.7 | 79.7 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 | 80.2 | 80.4 | 80.4 | 80.4 | 80.5 | 80.7 | 80.7 |
| ≥ 6000 | 83.7 | 83.7 | 84.0 | 84.0 | 84.2 | 84.2 | 84.3 | 84.4 | 84.4 | 84.6 | 84.8 | 84.8 | 84.8 | 84.9 | 85.1 | 85.2 |
| ≥ 5000 | 87.6 | 88.0 | 88.3 | 88.3 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.9 | 89.1 | 89.1 | 89.1 | 89.2 | 89.3 | 89.4 |
| ≥ 4500 | 90.2 | 90.6 | 90.9 | 90.9 | 91.1 | 91.1 | 91.2 | 91.2 | 91.3 | 91.4 | 91.7 | 91.7 | 91.7 | 91.8 | 91.9 | 91.9 |
| ≥ 4000 | 91.9 | 92.4 | 93.3 | 93.3 | 93.6 | 93.6 | 93.8 | 93.8 | 93.9 | 93.6 | 93.8 | 93.8 | 93.8 | 93.9 | 94.0 | 94.0 |
| ≥ 3500 | 93.4 | 94.3 | 94.8 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 | 95.4 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 |
| ≥ 3000 | 94.9 | 94.8 | 95.2 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.9 | 96.1 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 |
| ≥ 2500 | 94.3 | 95.3 | 95.8 | 96.1 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.6 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.0 |
| ≥ 2000 | 95.1 | 96.4 | 96.8 | 97.1 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 |
| ≥ 1800 | 95.4 | 96.6 | 97.2 | 97.4 | 97.6 | 97.8 | 97.9 | 98.0 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 |
| ≥ 1500 | 95.7 | 97.0 | 97.7 | 97.9 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 |
| ≥ 1200 | 96.8 | 97.1 | 97.8 | 98.0 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 |
| ≥ 1000 | 96.9 | 97.3 | 98.0 | 98.2 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 |
| ≥ 900 | 96.9 | 97.3 | 98.1 | 98.3 | 98.8 | 98.8 | 98.9 | 99.0 | 99.0 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 |
| ≥ 800 | 96.9 | 97.4 | 98.2 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 700 | 96.9 | 97.4 | 98.2 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 600 | 96.9 | 97.4 | 98.2 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 500 | 96.9 | 97.4 | 98.2 | 98.4 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 400 | 96.9 | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 96.9 | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 96.9 | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 96.9 | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 96.9 | 97.4 | 98.2 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.4 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

2

# CEILING VERSUS VISIBILITY

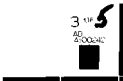
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥5/16 | <½ | 0 |
| NO CEILING | 47.2 | 47.2 | 47.4 | 47.6 | 47.8 | 47.9 | 47.9 | 47.9 | 47.7 | 47.7 | 47.7 | 47.8 | 47.9 | 47.7 | 47.8 |
| ≥ 20000 | 49.0 | 49.0 | 49.2 | 49.4 | 49.6 | 49.7 | 49.8 | 50.0 | 50.0 | 50.0 | 50.2 | 50.3 | 50.6 | 50.7 | 51.0 |
| ≥ 18000 | 49.9 | 49.9 | 50.1 | 50.2 | 50.4 | 50.7 | 50.8 | 50.9 | 50.8 | 51.3 | 51.3 | 50.8 | 51.2 | 51.4 | 51.7 |
| ≥ 16000 | 50.4 | 50.4 | 50.7 | 50.8 | 50.9 | 51.0 | 51.1 | 51.2 | 51.2 | 51.6 | 51.6 | 51.1 | 51.4 | 51.6 | 52.0 |
| ≥ 14000 | 52.0 | 52.0 | 52.2 | 52.3 | 52.5 | 52.6 | 52.7 | 53.0 | 53.0 | 53.0 | 53.2 | 53.0 | 53.6 | 53.7 | 54.1 |
| ≥ 12000 | 54.1 | 54.1 | 54.3 | 54.5 | 54.7 | 54.9 | 55.0 | 55.1 | 55.1 | 55.1 | 55.3 | 55.1 | 55.7 | 55.8 | 56.4 |
| ≥ 10000 | 61.0 | 61.1 | 61.3 | 61.4 | 61.4 | 61.4 | 61.4 | 61.5 | 61.6 | 61.6 | 61.8 | 61.6 | 62.2 | 62.3 | 62.7 |
| ≥ 9000 | 65.4 | 65.4 | 65.7 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.1 | 66.1 | 66.6 | 66.7 | 67.1 |
| ≥ 8000 | 68.2 | 68.3 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 69.4 | 69.4 | 69.8 |
| ≥ 7000 | 72.0 | 72.1 | 72.3 | 72.4 | 72.5 | 72.4 | 72.4 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 73.0 | 73.1 | 73.4 |
| ≥ 6000 | 76.4 | 76.5 | 76.8 | 76.9 | 76.9 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.2 | 77.2 | 77.6 | 77.7 | 78.0 |
| ≥ 5000 | 82.2 | 82.4 | 82.5 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.2 | 83.2 | 83.6 | 83.7 | 84.0 |
| ≥ 4500 | 85.2 | 85.5 | 85.8 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.2 | 86.4 | 86.4 | 87.2 | 87.3 | 87.6 |
| ≥ 4000 | 87.4 | 87.9 | 88.1 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 89.6 | 89.7 | 90.0 |
| ≥ 3500 | 89.7 | 89.1 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 90.0 | 90.0 | 90.8 | 90.9 | 91.2 |
| ≥ 3000 | 90.9 | 91.2 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.6 | 91.6 | 92.3 | 92.4 | 92.8 |
| ≥ 2500 | 91.6 | 91.9 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.6 | 92.6 | 92.8 | 92.8 | 93.6 | 93.7 | 94.1 |
| ≥ 2000 | 92.9 | 93.2 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 | 94.1 | 94.1 | 94.9 | 95.1 | 95.6 |
| ≥ 1800 | 93.6 | 93.4 | 93.9 | 94.1 | 94.1 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.3 | 94.3 | 95.1 | 95.2 | 95.7 |
| ≥ 1500 | 94.3 | 94.2 | 94.4 | 95.2 | 95.1 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 96.1 | 96.2 | 96.7 |
| ≥ 1200 | 94.6 | 94.7 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.7 | 95.7 | 96.4 | 96.5 | 97.1 |
| ≥ 1000 | 94.8 | 94.7 | 95.1 | 95.3 | 95.4 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 96.0 | 96.0 | 96.8 | 96.9 | 97.4 |
| ≥ 900 | 94.9 | 94.7 | 95.3 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 96.1 | 96.1 | 96.9 | 97.0 | 97.5 |
| ≥ 800 | 95.3 | 95.3 | 95.6 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.3 | 96.3 | 97.1 | 97.2 | 97.7 |
| ≥ 700 | 95.3 | 95.3 | 95.7 | 96.0 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.6 | 96.6 | 97.3 | 97.4 | 97.9 |
| ≥ 600 | 95.3 | 95.4 | 95.6 | 96.1 | 96.4 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 97.6 | 97.7 | 98.1 |
| ≥ 500 | 95.3 | 95.6 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 97.7 | 97.8 | 98.2 |
| ≥ 400 | 95.3 | 95.6 | 95.9 | 96.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.8 | 97.9 | 98.3 |
| ≥ 300 | 95.4 | 95.6 | 95.9 | 96.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.8 | 97.9 | 98.4 |
| ≥ 200 | 95.3 | 95.6 | 95.9 | 96.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.0 | 97.9 | 98.0 | 98.5 |
| ≥ 100 | 95.4 | 95.6 | 95.9 | 96.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.1 | 98.2 | 98.3 | 98.8 |
| ≥ 0 | 95.4 | 95.6 | 95.9 | 96.2 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 97.0 | 97.1 | 98.2 | 98.3 | 98.8 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5-(OL-1)

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(U)
NOV 71
UNCLASSIFIED USAFETAC/DS-81/037 SBIE-AD-E850 064 NL



# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 45.1 | 45.2 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.3 | 46.4 | 46.5 | 46.6 | 45.4 |
| ≥ 20000 | 51.9 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 |
| ≥ 18000 | 51.9 | 52.0 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 |
| ≥ 16000 | 53.0 | 53.1 | 53.2 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.4 | 53.5 | 53.5 | 53.5 |
| ≥ 14000 | 55.1 | 55.3 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.7 | 55.7 | 55.7 |
| ≥ 12000 | 58.7 | 58.9 | 59.0 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.4 | 59.5 | 59.5 | 59.5 |
| ≥ 10000 | 63.7 | 63.9 | 64.0 | 64.1 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.2 | 64.4 | 64.5 | 64.6 | 64.6 |
| ≥ 9000 | 70.6 | 70.8 | 70.9 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.4 | 71.5 | 71.5 | 71.5 |
| ≥ 8000 | 73.2 | 73.4 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 74.1 | 74.2 | 74.2 | 74.2 |
| ≥ 7000 | 76.4 | 76.7 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.3 | 77.4 | 77.4 | 77.4 |
| ≥ 6000 | 79.4 | 79.7 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.3 | 80.4 | 80.4 | 80.4 |
| ≥ 5000 | 84.1 | 84.3 | 84.4 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 85.0 | 85.1 | 85.1 | 85.1 |
| ≥ 4500 | 87.0 | 87.1 | 87.4 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | 88.4 | 88.5 | 89.3 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 | 90.1 | 90.2 | 90.2 | 90.2 |
| ≥ 3500 | 89.1 | 89.7 | 90.0 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.6 | 90.9 | 91.0 | 91.1 | 91.1 |
| ≥ 3000 | 89.6 | 90.7 | 91.0 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.6 | 91.9 | 92.0 | 92.0 | 92.0 |
| ≥ 2500 | 90.4 | 91.4 | 91.9 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.4 | 92.4 | 92.8 | 92.9 | 92.9 | 92.9 |
| ≥ 2000 | 91.0 | 91.6 | 92.1 | 92.4 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 93.0 | 93.1 | 93.1 | 93.1 |
| ≥ 1800 | 91.9 | 91.9 | 92.4 | 92.6 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.3 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 91.8 | 92.8 | 93.3 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 92.0 | 93.1 | 93.8 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.8 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 92.0 | 94.3 | 94.7 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 92.0 | 94.3 | 94.7 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 96.1 | 96.2 | 96.2 | 96.2 |
| ≥ 800 | 92.9 | 94.4 | 95.1 | 95.8 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.7 | 96.8 | 96.8 | 96.8 |
| ≥ 700 | 93.1 | 94.8 | 95.6 | 96.2 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 97.1 | 97.2 | 97.2 | 97.2 |
| ≥ 600 | 93.2 | 95.0 | 95.8 | 96.6 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.6 |
| ≥ 500 | 93.2 | 95.1 | 96.0 | 97.1 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 |
| ≥ 400 | 93.3 | 95.2 | 96.1 | 97.3 | 97.7 | 97.7 | 97.9 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.6 | 98.8 | 98.8 | 98.8 |
| ≥ 300 | 93.6 | 95.4 | 96.3 | 97.6 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.3 | 98.6 | 98.6 | 98.9 | 99.1 | 99.1 | 99.1 |
| ≥ 200 | 93.6 | 95.4 | 96.3 | 97.6 | 97.9 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.7 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 100 | 93.6 | 95.4 | 96.3 | 97.6 | 97.9 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 99.3 |
| ≥ 0 | 93.6 | 95.4 | 96.3 | 97.6 | 97.9 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.8 | 98.9 | 99.2 | 99.3 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] STATION  [illegible] GEORGE [illegible] STATION NAME  [illegible] APT  57-66 YEARS  [illegible] MONTH

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

[illegible] HOURS (LST)  0900-1100

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 50.1 | 50.1 | 50.1 | 50.1 | 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 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 16000 | 50.9 | 50.9 | 50.9 | 50.9 | 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 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 12000 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 10000 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 | 60.6 |
| ≥ 9000 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 8000 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 | 66.0 |
| ≥ 7000 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 6000 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 5000 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 4500 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 | 80.3 |
| ≥ 4000 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3500 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3000 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 2500 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1800 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1500 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1000 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 900 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 800 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) [illegible]

DATA PROCESSED [illegible]
USAF ETAC
AIR [illegible]

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS

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

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 | 36.2 |
| ≥ 20000 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 |
| ≥ 18000 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 |
| ≥ 16000 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 |
| ≥ 14000 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 12000 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 10000 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 9000 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 8000 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 7000 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 6000 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 5000 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 4500 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 4000 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 3500 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3000 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 2500 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 2000 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 1800 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 1200 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1000 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 900 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

STATION [illegible] STATION NAME [illegible] 57-66 YEARS [illegible] MONTH

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

[illegible] HOURS

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 | 33.1 |
| ≥ 20000 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 | 41.1 |
| ≥ 18000 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41.8 | 41. |
| ≥ 16000 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 | 42.6 |
| ≥ 14000 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 |
| ≥ 12000 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 |
| ≥ 10000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 9000 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 | 61.4 |
| ≥ 8000 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 7000 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 6000 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 5000 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 4500 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 3500 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 3000 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 2500 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2000 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1800 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1000 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 900 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 800 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.6 | 99.6 | 99.6 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

# CEILING VERSUS VISIBILITY

57-66

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 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 | 40.7 |
| ≥ 20000 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| ≥ 18000 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 16000 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| ≥ 14000 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 | 48.2 |
| ≥ 12000 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 10000 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≥ 9000 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 |
| ≥ 8000 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 |
| ≥ 7000 | 74.9 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 | 75.0 |
| ≥ 6000 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 88.2 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 4500 | 91.7 | 92.3 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 4000 | 95.2 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3500 | 96.1 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 3000 | 97.4 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 97.6 | 98.3 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 98.0 | 98.5 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1500 | 98.1 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 98.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 1000 | 98.1 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.1 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 98.1 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 700 | 98.1 | 99.3 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 98.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 98.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 98.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.3 | 99.6 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.3 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.3 | 99.6 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITION ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] (STATION) [illegible] (STATION NAME) 57-66 (YEARS) [illegible] (MONTH)

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

2100-2300 (HOUR)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.2 | 44.3 |
| ≥ 20000 | 48.3 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.4 | 48.5 |
| ≥ 18000 | 48.4 | 48.4 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.6 | 48.7 | 48.7 |
| ≥ 16000 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 |
| ≥ 14000 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 |
| ≥ 12000 | 54.6 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.7 | 54.8 | 54.8 |
| ≥ 10000 | 60.7 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 |
| ≥ 9000 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.6 |
| ≥ 8000 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.4 | 69.4 |
| ≥ 7000 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 |
| ≥ 6000 | 80.1 | 80.3 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 |
| ≥ 5000 | 86.4 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 |
| ≥ 4500 | 89.7 | 90.3 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.8 | 90.8 |
| ≥ 4000 | 93.3 | 94.0 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 |
| ≥ 3500 | 94.2 | 95.1 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 |
| ≥ 3000 | 95.4 | 96.3 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 2500 | 95.9 | 97.0 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 2000 | 96.2 | 97.7 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 1800 | 96.3 | 97.9 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 1500 | 96.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 1200 | 96.9 | 98.2 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 1000 | 96.9 | 98.2 | 99.0 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 900 | 96.9 | 98.2 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 800 | 96.9 | 98.2 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 700 | 96.9 | 98.2 | 99.0 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 600 | 96.9 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 500 | 96.9 | 98.3 | 99.1 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 96.9 | 98.3 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 96.9 | 98.3 | 99.1 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 200 | 96.9 | 98.4 | 99.1 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 96.9 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| [illegible] | 96.9 | 98.3 | 99.1 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 700

USAF ETAC [illegible] 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS [illegible]

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

0000-0200

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 7.1 | 58.0 | 58.0 | 58.5 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 59.0 | 59.1 | 59.1 |
| ≥ 20000 | 58.4 | 59.2 | 59.2 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 60.0 | 60.1 | 60.1 | 60.2 | 60.3 | 60.3 | 60.4 |
| ≥ 18000 | 58.5 | 59.4 | 59.4 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 60.1 | 60.2 | 60.2 | 60.3 | 60.4 | 60.4 | 60.5 |
| ≥ 16000 | 58.8 | 59.7 | 59.7 | 60.0 | 60.1 | 60.1 | 60.2 | 60.2 | 60.2 | 60.4 | 60.5 | 60.5 | 60.6 | 60.7 | 60.8 | 60.9 |
| ≥ 14000 | 60.3 | 61.2 | 61.2 | 61.5 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 | 61.9 | 62.0 | 62.1 | 62.2 | 62.3 | 62.3 | 62.4 |
| ≥ 12000 | 63.3 | 64.2 | 64.2 | 64.5 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.9 | 65.1 | 65.1 | 65.2 | 65.3 | 65.3 | 65.4 |
| ≥ 10000 | 69.2 | 70.1 | 70.1 | 70.4 | 70.5 | 70.5 | 70.5 | 70.7 | 70.8 | 71.0 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.4 |
| ≥ 9000 | 71.6 | 72.5 | 72.5 | 72.9 | 73.0 | 73.0 | 73.0 | 73.2 | 73.2 | 73.4 | 73.5 | 73.5 | 73.7 | 73.9 | 73.9 | 74.0 |
| ≥ 8000 | 74.0 | 74.9 | 74.8 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.0 | 76.2 | 76.2 | 76.3 |
| ≥ 7000 | 79.8 | 80.8 | 80.8 | 81.2 | 81.3 | 81.3 | 81.3 | 81.5 | 81.6 | 81.8 | 81.9 | 81.9 | 82.0 | 82.3 | 82.3 | 82.4 |
| ≥ 6000 | 82.5 | 83.3 | 83.4 | 83.9 | 84.0 | 84.0 | 84.0 | 84.3 | 84.3 | 84.5 | 84.6 | 84.6 | 84.7 | 84.9 | 84.9 | 85.1 |
| ≥ 5000 | 87.4 | 88.3 | 88.5 | 89.0 | 89.2 | 89.2 | 89.2 | 89.7 | 89.7 | 89.9 | 90.0 | 90.0 | 90.1 | 90.3 | 90.3 | 90.4 |
| ≥ 4500 | 89.7 | 90.8 | 91.0 | 91.5 | 91.7 | 91.7 | 91.7 | 92.2 | 92.2 | 92.4 | 92.6 | 92.6 | 92.7 | 92.9 | 92.9 | 93.0 |
| ≥ 4000 | 91.2 | 92.6 | 92.8 | 93.3 | 93.5 | 93.5 | 93.6 | 94.0 | 94.0 | 94.2 | 94.4 | 94.4 | 94.5 | 94.7 | 94.7 | 94.8 |
| ≥ 3500 | 92.5 | 93.9 | 94.1 | 94.6 | 94.8 | 94.8 | 94.8 | 95.3 | 95.3 | 95.5 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.1 |
| ≥ 3000 | 93.6 | 94.4 | 94.6 | 95.2 | 95.4 | 95.4 | 95.4 | 95.8 | 95.8 | 96.0 | 96.2 | 96.2 | 96.3 | 96.6 | 96.6 | 96.7 |
| ≥ 2500 | 93.2 | 94.6 | 94.9 | 95.5 | 95.7 | 95.7 | 96.1 | 96.1 | 96.1 | 96.3 | 96.6 | 96.6 | 96.7 | 96.9 | 96.9 | 97.0 |
| ≥ 2000 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| ≥ 1800 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| ≥ 1500 | 93.4 | 95.1 | 95.4 | 95.9 | 96.1 | 96.1 | 96.7 | 96.7 | 96.7 | 96.9 | 97.1 | 97.1 | 97.2 | 97.4 | 97.4 | 97.5 |
| ≥ 1200 | 94.1 | 95.5 | 96.1 | 96.7 | 96.9 | 96.9 | 97.4 | 97.4 | 97.4 | 97.6 | 97.8 | 97.8 | 98.0 | 98.2 | 98.2 | 98.3 |
| ≥ 1000 | 94.1 | 96.1 | 96.5 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 |
| ≥ 900 | 94.1 | 96.1 | 96.5 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 |
| ≥ 800 | 94.1 | 96.1 | 96.5 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 |
| ≥ 700 | 94.1 | 96.1 | 96.5 | 97.1 | 97.2 | 97.2 | 97.7 | 97.7 | 97.7 | 98.0 | 98.2 | 98.2 | 98.3 | 98.5 | 98.5 | 98.6 |
| ≥ 600 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 |
| ≥ 500 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 |
| ≥ 400 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 |
| ≥ 300 | 94.2 | 96.2 | 96.6 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 | 98.4 | 98.4 | 98.5 | 98.7 | 98.7 | 98.8 |
| ≥ 200 | 94.2 | 96.3 | 96.7 | 97.3 | 97.5 | 97.5 | 98.1 | 98.1 | 98.1 | 98.4 | 98.7 | 98.7 | 98.9 | 99.1 | 99.1 | 99.2 |
| ≥ 100 | 94.2 | 96.3 | 96.8 | 97.4 | 97.6 | 97.6 | 98.3 | 98.3 | 98.3 | 98.6 | 98.9 | 98.9 | 99.4 | 99.6 | 99.6 | 99.7 |
| ≥ 0 | 94.2 | 96.3 | 96.8 | 97.4 | 97.6 | 97.6 | 98.3 | 98.3 | 98.3 | 98.6 | 98.9 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252 [illegible] PEASE AFB/PORTSMOUTH ARPT 57-66 YEARS

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

0300-0500

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 48.8 | 49.4 | 49.4 | 49.6 | 49.7 | 49.7 | 49.9 | 49.9 | 49.9 | 50.2 | 50.3 | 50.4 | 50.9 | 51.1 | 51.4 | 51.5 |
| ≥ 20000 | 50.4 | 51.0 | 51.0 | 51.3 | 51.4 | 51.4 | 51.6 | 51.6 | 51.6 | 51.9 | 52.0 | 52.1 | 52.6 | 52.8 | 53.0 | 53.2 |
| ≥ 18000 | 50.5 | 51.1 | 51.1 | 51.4 | 51.5 | 51.5 | 51.7 | 51.7 | 51.7 | 52.0 | 52.2 | 52.2 | 52.7 | 52.9 | 53.1 | 53.3 |
| ≥ 16000 | 50.9 | 51.4 | 51.4 | 51.7 | 51.8 | 51.8 | 52.0 | 52.0 | 52.0 | 52.4 | 52.5 | 52.5 | 53.0 | 53.2 | 53.4 | 53.6 |
| ≥ 14000 | 52.3 | 52.8 | 52.8 | 53.1 | 53.2 | 53.2 | 53.4 | 53.4 | 53.4 | 53.8 | 54.0 | 54.0 | 54.6 | 54.8 | 55.1 | 55.3 |
| ≥ 12000 | 55.7 | 56.2 | 56.4 | 56.6 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 57.2 | 57.4 | 57.4 | 58.1 | 58.3 | 58.7 | 59.1 |
| ≥ 10000 | 61.6 | 62.2 | 62.2 | 62.6 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 63.2 | 63.4 | 63.5 | 64.4 | 64.6 | 64.9 | 65.4 |
| ≥ 9000 | 63.1 | 63.6 | 63.7 | 64.1 | 64.2 | 64.2 | 64.3 | 64.5 | 64.6 | 64.9 | 65.1 | 65.2 | 66.0 | 66.2 | 66.5 | 67.1 |
| ≥ 8000 | 69.9 | 69.3 | 69.6 | 70.0 | 70.1 | 70.1 | 70.3 | 70.4 | 70.4 | 70.9 | 71.1 | 71.2 | 72.1 | 72.3 | 72.6 | 73.2 |
| ≥ 7000 | 73.6 | 73.5 | 73.8 | 74.2 | 74.3 | 74.3 | 74.5 | 74.6 | 74.6 | 75.1 | 75.3 | 75.4 | 76.2 | 76.4 | 76.7 | 77.3 |
| ≥ 6000 | 75.8 | 76.1 | 76.3 | 76.9 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.7 | 78.0 | 78.1 | 78.7 | 78.9 | 79.3 | 79.9 |
| ≥ 5000 | 81.8 | 81.9 | 82.2 | 82.9 | 83.0 | 83.0 | 83.2 | 83.3 | 83.3 | 83.8 | 84.1 | 84.2 | 84.8 | 85.0 | 85.2 | 85.7 |
| ≥ 4500 | 84.2 | 85.1 | 85.3 | 86.1 | 86.2 | 86.2 | 86.3 | 86.4 | 86.4 | 87.0 | 87.3 | 87.4 | 88.1 | 88.3 | 88.7 | 89.3 |
| ≥ 4000 | 86.8 | 87.8 | 88.2 | 89.2 | 89.4 | 89.4 | 89.6 | 89.7 | 89.8 | 90.3 | 90.8 | 90.9 | 91.5 | 91.7 | 92.0 | 92.7 |
| ≥ 3500 | 87.8 | 89.0 | 89.5 | 90.5 | 90.6 | 90.6 | 91.0 | 91.1 | 91.1 | 91.6 | 92.0 | 92.2 | 92.8 | 93.1 | 93.3 | 94.2 |
| ≥ 3000 | 88.8 | 90.0 | 90.5 | 91.6 | 91.7 | 91.7 | 92.0 | 92.2 | 92.2 | 92.7 | 93.1 | 93.2 | 93.9 | 94.2 | 94.4 | 95.3 |
| ≥ 2500 | 90.0 | 90.2 | 90.8 | 91.8 | 91.9 | 91.9 | 92.3 | 92.4 | 92.4 | 92.9 | 93.3 | 93.4 | 94.2 | 94.5 | 95.1 | 95.8 |
| ≥ 2000 | 90.8 | 91.1 | 91.6 | 92.7 | 92.9 | 92.9 | 93.2 | 93.3 | 93.3 | 93.9 | 94.3 | 94.4 | 95.3 | 95.6 | 96.1 | 96.7 |
| ≥ 1800 | 90.9 | 91.2 | 91.7 | 92.8 | 93.0 | 93.0 | 93.3 | 93.4 | 93.4 | 94.0 | 94.4 | 94.5 | 95.4 | 95.7 | 96.2 | 96.9 |
| ≥ 1500 | 91.1 | 91.4 | 91.9 | 93.0 | 93.2 | 93.2 | 93.5 | 93.7 | 93.7 | 94.2 | 94.6 | 94.7 | 95.6 | 95.9 | 96.3 | 97.1 |
| ≥ 1200 | 92.5 | 93.1 | 93.5 | 93.7 | 93.8 | 93.8 | 94.1 | 94.2 | 94.2 | 94.7 | 95.2 | 95.3 | 96.2 | 96.6 | 97.1 | 97.7 |
| ≥ 1000 | 92.9 | 93.2 | 93.6 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 95.1 | 95.5 | 95.6 | 96.6 | 96.9 | 97.4 | 98.1 |
| ≥ 900 | 93.0 | 93.4 | 93.8 | 94.1 | 94.3 | 94.3 | 94.6 | 94.7 | 94.7 | 95.3 | 95.7 | 95.8 | 96.8 | 97.1 | 97.6 | 98.3 |
| ≥ 800 | 93.0 | 93.4 | 93.8 | 94.1 | 94.3 | 94.3 | 94.6 | 94.7 | 94.7 | 95.3 | 95.7 | 95.8 | 96.8 | 97.1 | 97.6 | 98.4 |
| ≥ 700 | 93.1 | 93.5 | 93.9 | 94.3 | 94.5 | 94.5 | 94.8 | 94.9 | 94.9 | 95.5 | 95.9 | 96.0 | 97.0 | 97.3 | 97.8 | 98.5 |
| ≥ 600 | 93.1 | 93.5 | 93.9 | 94.3 | 94.5 | 94.5 | 94.8 | 94.9 | 94.9 | 95.5 | 95.9 | 96.0 | 97.0 | 97.3 | 97.8 | 98.5 |
| ≥ 500 | 93.1 | 93.5 | 93.9 | 94.3 | 94.5 | 94.5 | 95.1 | 95.2 | 95.2 | 95.7 | 96.1 | 96.2 | 97.2 | 97.5 | 98.1 | 98.7 |
| ≥ 400 | 93.1 | 93.5 | 93.9 | 94.3 | 94.6 | 94.6 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.3 | 97.3 | 97.6 | 98.2 | 98.9 |
| ≥ 300 | 93.1 | 93.5 | 93.9 | 94.3 | 94.6 | 94.6 | 95.2 | 95.3 | 95.3 | 95.8 | 96.2 | 96.4 | 97.3 | 97.6 | 98.2 | 98.9 |
| ≥ 200 | 93.1 | 93.5 | 93.9 | 94.3 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.9 | 96.3 | 96.4 | 97.3 | 97.7 | 98.3 | 99.0 |
| ≥ 100 | 93.1 | 93.5 | 93.9 | 94.3 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.9 | 96.3 | 96.4 | 97.3 | 97.7 | 98.3 | 99.0 |
| ≥ 0 | 93.1 | 93.5 | 93.9 | 94.3 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.9 | 96.3 | 96.4 | 97.3 | 97.7 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATC PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS

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

[illegible] 0600-0900

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 |
| NO CEILING | 47.6 | 47.7 | 47.7 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.2 | 48.2 | 48.5 | 48.6 | 48.7 |
| ≥ 20000 | 49.7 | 50.4 | 50.4 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 51.2 | 51.4 | 51.5 |
| ≥ 18000 | 50.5 | 51.3 | 51.3 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 | 52.0 | 52.2 | 52.3 |
| ≥ 16000 | 51.2 | 51.9 | 51.9 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.4 | 52.4 | 52.7 | 52.7 | 53.1 |
| ≥ 14000 | 52.4 | 53.1 | 53.1 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.9 | 54.0 | 54.3 |
| ≥ 12000 | 58.5 | 59.2 | 59.3 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.6 | 59.7 | 59.7 | 60.0 | 60.2 | 60.5 |
| ≥ 10000 | 63.3 | 64.1 | 64.1 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 | 64.7 | 65.1 | 65.2 | 65.5 |
| ≥ 9000 | 67.8 | 68.6 | 68.6 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.4 | 69.5 | 69.8 |
| ≥ 8000 | 71.5 | 72.4 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 73.1 | 73.2 | 73.5 |
| ≥ 7000 | 74.1 | 74.9 | 74.9 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.9 | 76.0 | 76.3 |
| ≥ 6000 | 76.7 | 77.7 | 77.7 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.5 | 78.5 | 78.8 | 78.9 | 79.3 |
| ≥ 5000 | 81.6 | 82.5 | 82.6 | 83.0 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.3 | 83.3 | 83.7 | 83.8 | 84.4 |
| ≥ 4500 | 84.8 | 85.8 | 85.9 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.8 | 86.8 | 87.1 | 87.2 | 87.7 |
| ≥ 4000 | 86.6 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 88.2 | 88.3 | 88.9 |
| ≥ 3500 | 87.5 | 88.4 | 88.5 | 89.1 | 89.1 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.3 | 89.8 | 89.9 | 90.5 |
| ≥ 3000 | 89.7 | 90.4 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.9 | 90.9 | 91.2 | 91.3 | 91.9 |
| ≥ 2500 | 90.7 | 91.4 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.9 | 91.9 | 92.2 | 92.3 | 92.9 |
| ≥ 2000 | 92.4 | 93.1 | 93.1 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 | 93.7 | 93.7 | 94.0 | 94.2 | 94.8 |
| ≥ 1800 | 93.4 | 94.2 | 94.2 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.9 | 94.9 | 95.3 | 95.4 | 96.0 |
| ≥ 1500 | 94.0 | 94.9 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 | 95.4 | 95.6 | 95.6 | 96.0 | 96.1 | 96.7 |
| ≥ 1200 | 95.2 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.9 | 96.9 | 97.3 | 97.4 | 98.0 |
| ≥ 1000 | 95.9 | 96.9 | 96.9 | 97.2 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.6 | 97.6 | 98.0 | 98.1 | 98.7 |
| ≥ 900 | 96.3 | 97.2 | 97.2 | 97.5 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 98.3 | 98.4 | 99.0 |
| ≥ 800 | 96.4 | 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.4 | 98.5 | 99.1 |
| ≥ 700 | 96.5 | 97.4 | 97.4 | 97.7 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 98.1 | 98.1 | 98.5 | 98.6 | 99.2 |
| ≥ 600 | 96.9 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.5 | 98.5 | 98.9 | 99.0 | 99.6 |
| ≥ 500 | 97.3 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.3 | 99.4 | 100.0 |
| ≥ 400 | 97.3 | 98.2 | 98.2 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 99.3 | 99.4 | 100.0 |
| ≥ 300 | 97.4 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 100.0 |
| ≥ 200 | 97.4 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 100.0 |
| ≥ 100 | 97.4 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 100.0 |
| ≥ 0 | 97.4 | 98.3 | 98.3 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 99.0 | 99.0 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | <¼ | 0 |
| NO CEILING | 49.6 | 49.6 | 49.6 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 |
| ≥ 20000 | 53.6 | 53.6 | 53.7 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 | 53.3 |
| ≥ 18000 | 54.7 | 53.7 | 53.7 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 | 54.0 |
| ≥ 16000 | 54.1 | 54.1 | 54.1 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 14000 | 54.6 | 55.6 | 55.6 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 |
| ≥ 12000 | 59.8 | 60.8 | 60.8 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 10000 | 65.1 | 67.1 | 67.1 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 9000 | 68.6 | 69.6 | 69.6 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 8000 | 72.8 | 73.8 | 73.8 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 7000 | 74.3 | 75.4 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 6000 | 77.0 | 78.2 | 78.2 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 5000 | 81.5 | 81.8 | 81.8 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 |
| ≥ 4500 | 83.4 | 84.7 | 84.7 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 86.5 | 88.0 | 88.0 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 3500 | 88.1 | 89.9 | 89.9 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 3000 | 90.6 | 91.8 | 91.8 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2500 | 92.8 | 93.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 2000 | 94.7 | 94.7 | 94.8 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1800 | 95.0 | 95.1 | 95.3 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 1500 | 96.3 | 96.4 | 96.4 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1200 | 96.9 | 97.0 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 98.4 | 97.6 | 97.7 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 97.9 | 97.7 | 97.8 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 98.7 | 98.1 | 98.2 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 99.0 | 99.2 | 99.3 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 99.1 | 99.4 | 99.5 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 99.1 | 99.5 | 99.6 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 99.1 | 99.6 | 99.7 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 99.1 | 99.6 | 99.7 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 200 | 99.1 | 99.6 | 99.7 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 99.1 | 99.6 | 99.7 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 99.1 | 99.6 | 99.7 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

2

# CEILING VERSUS VISIBILITY

57-66

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | | |
| NO CEILING | | 44.4 | 44.4 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | 44.6 | | 44.6 |
| ≥ 20000 | | 50.3 | 50.3 | 50.5 | 50.5 | 50.5 | 50.5 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | | 50.6 |
| ≥ 18000 | 49.7 | 50.9 | 50.9 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | | 51.2 |
| ≥ 16000 | 50.5 | 51.7 | 51.7 | 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 | 53.1 | 54.3 | 54.3 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | | 54.6 |
| ≥ 12000 | 57.1 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.5 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | | 58.6 |
| ≥ 10000 | 61.1 | 62.3 | 62.3 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | 62.6 | | 62.6 |
| ≥ 9000 | 63.4 | 64.1 | 64.1 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | 65.4 | | 65.4 |
| ≥ 8000 | 67.2 | 68.7 | 68.7 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | | 69.0 |
| ≥ 7000 | 70.6 | 71.8 | 71.8 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | | 72.2 |
| ≥ 6000 | 74.2 | 75.4 | 75.4 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | | 75.7 |
| ≥ 5000 | 82.2 | 83.4 | 83.4 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | | 83.8 |
| ≥ 4500 | 86.1 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | | 87.3 |
| ≥ 4000 | 90.9 | 91.2 | 91.2 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | | 91.6 |
| ≥ 3500 | 93.5 | 93.8 | 93.8 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | | 94.2 |
| ≥ 3000 | 95.0 | 95.1 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | | 95.5 |
| ≥ 2500 | 96.6 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | | 97.4 |
| ≥ 2000 | 97.8 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | | 98.3 |
| ≥ 1800 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | | 98.4 |
| ≥ 1500 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | | 98.7 |
| ≥ 1200 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | | 98.9 |
| ≥ 1000 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | | 99.4 |
| ≥ 900 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | | 99.4 |
| ≥ 800 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | | 99.7 |
| ≥ 700 | 99.5 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | | 99.9 |
| ≥ 600 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 500 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 400 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 300 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 200 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 100 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |
| ≥ 0 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

# CEILING VERSUS VISIBILITY

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 | ≥1 |
| NO CEILING | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 | 42.2 |
| ≥ 20000 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 | 49.6 |
| ≥ 18000 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 16000 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 |
| ≥ 14000 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 12000 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 10000 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 9000 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 8000 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 7000 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 6000 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 5000 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 4500 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 4000 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 3500 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 3000 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 2500 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 2000 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 1800 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1500 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 1200 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 900 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145-OL

# CEILING VERSUS VISIBILITY

57-66

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | 0 |
| NO CEILING | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 | 46.9 |
| ≥ 20000 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 |
| ≥ 18000 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 | 54.6 |
| ≥ 16000 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 14000 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 | 59.5 |
| ≥ 12000 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 10000 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 9000 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 8000 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 7000 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 6000 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 5000 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 4500 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 4000 | 95.9 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 3500 | 96.9 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 3000 | 97.6 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 2500 | 98.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 2000 | 99.3 | 99.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1800 | 99.3 | 99.9 | 99.3 | 99.3 | 99.3 | 99.3 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1500 | 99.4 | 99.5 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1200 | 99.6 | 99.7 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 1000 | 99.8 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 900 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 800 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 700 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 600 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 500 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 99.9 | 99.9 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5-(OL-1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY - STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 47.5 | 48.3 | 48.5 | 49.4 | 50.3 | 50.3 | 50.5 | 50.[illegible] | 50.6 | 51.3 | 51.4 | 51.4 | 51.4 | 51.5 | 51.6 | 51.7 |
| ≥ 20000 | 48.0 | 49.[illegible] | 49.6 | 50.4 | 51.4 | 51.4 | 51.[illegible] | 51.7 | 51.7 | 52.4 | 52.5 | 52.5 | 52.5 | 52.6 | 52.[illegible] | 52.[illegible] |
| ≥ 18000 | 48.9 | 49.4 | 49.9 | 50.8 | 51.7 | 51.7 | 51.9 | 52.[illegible] | 52.0 | 52.7 | 52.8 | 52.8 | 52.8 | 52.9 | 53.[illegible] | 53.1 |
| ≥ 16000 | 48.[illegible] | 49.5 | 50.0 | 50.9 | 51.8 | 51.[illegible] | 52.0 | 52.2 | 52.2 | 52.8 | 52.9 | 52.[illegible] | 52.9 | 53.[illegible] | 53.1 | 53.2 |
| ≥ 14000 | 49.8 | 50.2 | 50.8 | 51.6 | 52.6 | 52.6 | 52.8 | 52.9 | 52.9 | 53.5 | 53.7 | 53.7 | 53.7 | 53.8 | 53.[illegible] | 54.[illegible] |
| ≥ 12000 | 52.0 | 52.5 | 53.[illegible] | 53.[illegible] | 54.9 | 54.9 | 55.[illegible] | 55.[illegible] | 55.3 | 55.9 | 56.[illegible] | 56.[illegible] | 56.0 | 56.1 | 56.[illegible] | 56.[illegible] |
| ≥ 10000 | 54.2 | 54.6 | 55.[illegible] | 56.[illegible] | 57.1 | 57.1 | 57.3 | 57.4 | 57.4 | 58.1 | 58.2 | 58.2 | 58.2 | 58.3 | 58.4 | 58.5 |
| ≥ 9000 | 56.5 | 56.9 | 57.4 | 58.3 | 59.4 | 59.4 | 59.6 | 59.7 | 59.7 | 60.3 | 60.4 | 60.4 | 60.4 | 60.5 | 60.6 | 60.[illegible] |
| ≥ 8000 | 59.6 | 60.0 | 60.5 | 61.5 | 62.7 | 62.7 | 62.9 | 63.[illegible] | 63.0 | 63.7 | 63.8 | 63.[illegible] | 63.8 | 63.9 | 64.[illegible] | 64.1 |
| ≥ 7000 | 66.9 | 67.3 | 67.8 | 68.8 | 70.0 | 70.0 | 70.[illegible] | 70.[illegible] | 70.3 | 71.1 | 71.3 | 71.3 | 71.3 | 71.4 | 71.[illegible] | 71.5 |
| ≥ 6000 | 73.4 | 73.9 | 74.4 | 75.4 | 76.6 | 76.6 | 76.[illegible] | 76.[illegible] | 76.9 | 77.6 | 77.6 | 77.[illegible] | 77.8 | 78.0 | 78.1 | 78.[illegible] | 78.3 |
| ≥ 5000 | 79.6 | [illegible]0.0 | 80.5 | 81.[illegible] | 82.7 | 82.7 | 82.[illegible] | 83.[illegible] | 83.0 | 83.8 | 84.0 | 84.[illegible] | 84.1 | 84.2 | 84.4 | 84.4 |
| ≥ 4500 | 81.0 | 82.[illegible] | 82.[illegible] | 83.7 | 84.8 | 84.8 | 85.1 | 85.2 | 85.2 | 85.9 | 86.1 | 86.1 | 86.2 | 86.3 | 86.5 | 86.6 |
| ≥ 4000 | 84.7 | 85.7 | 86.[illegible] | 87.6 | 88.9 | 88.9 | 89.[illegible] | 89.7 | 89.7 | 90.4 | 90.6 | 90.6 | 90.8 | 90.9 | 91.[illegible] | 91.1 |
| ≥ 3500 | 86.8 | 87.7 | 88.[illegible] | 89.8 | 91.1 | 91.1 | 91.[illegible] | 91.[illegible] | 91.8 | 92.6 | 92.8 | 92.[illegible] | 92.9 | 93.[illegible] | 93.1 | 93.[illegible] |
| ≥ 3000 | 88.1 | 89.[illegible] | 89.8 | 91.1 | 92.4 | 92.4 | 92.9 | 93.1 | 93.1 | 93.9 | 94.1 | 94.1 | 94.2 | 94.3 | 94.4 | 94.[illegible] |
| ≥ 2500 | 89.9 | 89.9 | 90.[illegible] | 91.9 | 93.2 | 93.2 | 93.9 | 94.1 | 94.1 | 94.8 | 95.1 | 95.1 | 95.2 | 95.3 | 95.[illegible] | 95.[illegible] |
| ≥ 2000 | 91.1 | 91.1 | 91.[illegible] | 92.[illegible] | 93.[illegible] | 93.8 | 94.[illegible] | 94.[illegible] | 94.6 | 95.4 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 96.[illegible] |
| ≥ 1800 | 91.4 | 91.[illegible] | 91.2 | 92.7 | 94.0 | 94.[illegible] | 94.[illegible] | 94.[illegible] | 94.8 | 95.6 | 95.8 | 95.[illegible] | 95.9 | 96.[illegible] | 96.1 | 96.[illegible] |
| ≥ 1500 | 91.6 | 92.[illegible] | 91.5 | 93.1 | 94.4 | 94.4 | 95.1 | 95.[illegible] | 95.3 | 96.0 | 96.2 | 96.[illegible] | 96.3 | 96.[illegible] | 96.6 | 96.7 |
| ≥ 1200 | 91.9 | 91.[illegible] | 91.8 | 93.[illegible] | 95.2 | 95.2 | 95.[illegible] | 96.[illegible] | 96.0 | 96.8 | 97.0 | 97.0 | 97.1 | 97.2 | 97.[illegible] | 97.4 |
| ≥ 1000 | 92.1 | 91.[illegible] | 92.[illegible] | 93.[illegible] | 95.4 | 95.4 | 96.1 | 96.[illegible] | 96.3 | 97.1 | 97.[illegible] | 97.[illegible] | 97.4 | 97.5 | 97.[illegible] | 97.7 |
| ≥ 900 | 92.5 | 91.7 | 92.6 | 94.[illegible] | 95.9 | 95.9 | 96.7 | 96.9 | 96.9 | 97.6 | 97.8 | 97.[illegible] | 98.0 | 98.1 | 98.2 | 98.[illegible] |
| ≥ 800 | 92.5 | 91.9 | 92.9 | 94.[illegible] | 96.[illegible] | 96.[illegible] | 97.0 | 97.[illegible] | 97.2 | 98.0 | 98.[illegible] | 98.[illegible] | 98.[illegible] | 98.4 | 98.[illegible] | 98.[illegible] |
| ≥ 700 | 93.0 | 92.[illegible] | 93.1 | 94.[illegible] | 96.5 | 96.5 | 97.[illegible] | 97.4 | 97.4 | 98.[illegible] | 98.4 | 98.4 | 98.5 | 98.6 | 98.7 | 98.[illegible] |
| ≥ 600 | 93.0 | 92.[illegible] | 93.[illegible] | 94.9 | 96.6 | 96.6 | 97.[illegible] | 97.[illegible] | 97.5 | 98.4 | 98.6 | 98.[illegible] | 98.7 | 98.8 | 98.[illegible] | 99.[illegible] |
| ≥ 500 | 93.0 | 92.[illegible] | 93.[illegible] | 94.9 | 96.[illegible] | 96.[illegible] | 97.[illegible] | 97.[illegible] | 97.5 | 98.4 | 98.6 | 98.[illegible] | 98.7 | 98.8 | 98.9 | 99.[illegible] |
| ≥ 400 | 93.[illegible] | 92.[illegible] | 93.[illegible] | 95.[illegible] | 96.7 | 96.7 | 97.[illegible] | 97.6 | 97.6 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.[illegible] | 99.[illegible] |
| ≥ 300 | 93.[illegible] | 92.[illegible] | 93.[illegible] | 95.[illegible] | 96.[illegible] | 96.[illegible] | 97.[illegible] | 97.[illegible] | 97.6 | 98.5 | 98.[illegible] | 98.[illegible] | 99.0 | 99.[illegible] | 99.[illegible] | 99.[illegible] |
| ≥ 200 | 93.[illegible] | 92.[illegible] | 93.[illegible] | 95.[illegible] | 96.[illegible] | 96.[illegible] | 97.[illegible] | 97.[illegible] | 97.8 | 98.7 | 98.9 | 98.9 | 99.2 | 99.4 | 99.[illegible] | 99.[illegible] |
| ≥ 100 | 93.[illegible] | 92.[illegible] | 93.[illegible] | 95.[illegible] | 96.[illegible] | 96.[illegible] | 97.[illegible] | 98.[illegible] | 98.0 | 98.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] |
| ≥ 0 | 93.[illegible] | 92.[illegible] | 93.[illegible] | 95.[illegible] | 96.[illegible] | 96.[illegible] | 97.[illegible] | 98.[illegible] | 98.0 | 98.[illegible] | 99.0 | 99.[illegible] | 99.[illegible] | 99.[illegible] | 99.[illegible] | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC [illegible] 0-14 5 (OL-1) [illegible]

DATA PROCESSED AS OF
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] PRINCE GEORGE [illegible] APT 57-66
STATION STATION NAME YEARS

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

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | [illegible] | [illegible] | 40.1 | [illegible] | 41.4 | 41.4 | 42.2 | 42.3 | 42.3 | 44.0 | 44.4 | 44.[illegible] | 45.1 | [illegible] | [illegible] | 47.[illegible] |
| ≥ 20000 | [illegible] | [illegible] | [illegible] | 41.5 | 42.3 | 42.3 | 43.1 | 43.2 | 43.2 | 44.8 | 45.5 | 45.7 | 46.1 | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | 40.4 | 40.9 | 41.5 | 42.3 | 42.3 | 43.1 | 43.2 | 43.2 | 44.3 | 45.5 | 45.7 | 46.1 | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | 42.4 | 42.4 | 43.1 | 43.3 | 43.3 | 44.9 | 45.6 | [illegible] | [illegible] | [illegible] | 47.4 | [illegible] |
| ≥ 14000 | [illegible] | 41.6 | 42.[illegible] | 42.7 | 43.4 | 43.4 | 44.[illegible] | 44.4 | 44.4 | 46.0 | 46.7 | 46.[illegible] | 47.3 | 47.5 | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | 43.4 | 43.9 | 44.5 | 45.[illegible] | 45.[illegible] | 46.[illegible] | 46.[illegible] | 46.5 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | 47.5 | [illegible] | [illegible] | 49.5 | 49.5 | [illegible] | [illegible] | [illegible] | 52.3 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | 55.7 | 55.7 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252 [illegible] 57-66
STATION NAME (AND NUMBER) YEARS

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

0000-0900
HOURS (LST)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥¾ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 38.5 | 38.8 | 39.5 | 39.7 | 40.1 | 40.4 | 40.5 | 41.1 | 41.1 | 41.6 | 42.3 | 42.4 | 43.1 | 43.1 | 44.[illegible] | 44.[illegible] |
| ≥ 20000 | 40.0 | 40.3 | 41.0 | 41.2 | 41.7 | 42.[illegible] | 42.2 | 42.[illegible] | 42.8 | 43.7 | 44.1 | 44.3 | 44.9 | 44.9 | 45.[illegible] | 46.[illegible] |
| ≥ 18000 | 40.0 | 40.3 | 41.0 | 41.2 | 41.7 | 42.[illegible] | 42.2 | 42.[illegible] | 42.8 | 43.7 | 44.1 | 44.3 | 44.9 | 44.9 | 45.[illegible] | 46.[illegible] |
| ≥ 16000 | 40.6 | 41.[illegible] | 41.6 | 41.[illegible] | 42.4 | 42.7 | 42.[illegible] | 43.4 | 43.4 | 44.3 | 44.7 | 44.[illegible] | 45.6 | 45.6 | 46.[illegible] | 47.4 |
| ≥ 14000 | 42.9 | 43.2 | 43.9 | 44.[illegible] | 44.[illegible] | 45.2 | 45.3 | 46.[illegible] | 46.0 | 46.9 | 47.3 | 47.4 | 48.2 | 48.2 | 49.[illegible] | 50.[illegible] |
| ≥ 12000 | 45.0 | 45.3 | 46.0 | 46.[illegible] | 47.5 | 47.[illegible] | 48.1 | 48.[illegible] | 48.9 | 49.9 | 50.4 | 50.5 | 51.3 | 51.3 | 52.[illegible] | 53.1 |
| ≥ 10000 | 49.1 | 49.5 | 50.1 | 50.3 | 51.1 | 51.4 | 51.7 | 52.[illegible] | 52.6 | 53.5 | 54.1 | 54.[illegible] | 54.9 | 54.9 | 55.[illegible] | 57.[illegible] |
| ≥ 9000 | 51.3 | 51.7 | 52.4 | 52.6 | 53.3 | 53.7 | 54.[illegible] | 54.[illegible] | 54.8 | 55.8 | 56.3 | 56.5 | 57.2 | 57.2 | 58.[illegible] | 59.2 |
| ≥ 8000 | 54.9 | 55.0 | 56.3 | 56.7 | 57.4 | 57.7 | 58.1 | 58.[illegible] | 58.9 | 59.9 | 60.4 | 60.5 | 61.3 | 61.3 | 62.[illegible] | 63.4 |
| ≥ 7000 | 60.1 | 60.[illegible] | 61.6 | 62.0 | 62.6 | 63.1 | 63.4 | 64.[illegible] | 64.3 | 65.3 | 65.8 | 65.[illegible] | 66.7 | 66.7 | 67.[illegible] | 68.8 |
| ≥ 6000 | 63.5 | 64.5 | 65.4 | 65.8 | 66.6 | 66.9 | 67.[illegible] | 68.[illegible] | 68.3 | 69.2 | 69.8 | 69.9 | 70.8 | 70.8 | 71.[illegible] | 73.[illegible] |
| ≥ 5000 | 68.7 | 69.7 | 70.8 | 71.2 | 71.9 | 72.3 | 72.6 | 73.[illegible] | 73.8 | 74.7 | 75.[illegible] | 75.[illegible] | 76.5 | 76.6 | 77.[illegible] | 78.6 |
| ≥ 4500 | 72.2 | 73.2 | 74.3 | 74.7 | 75.5 | 75.8 | 76.[illegible] | 77.[illegible] | 77.3 | 78.3 | 78.8 | 79.[illegible] | 80.0 | 80.[illegible] | 81.[illegible] | 82.8 |
| ≥ 4000 | 74.9 | 75.5 | 77.5 | 78.[illegible] | 79.1 | 79.5 | 80.[illegible] | 81.[illegible] | 81.0 | 81.9 | 82.5 | 82.7 | 83.7 | 83.8 | 84.[illegible] | 86.[illegible] |
| ≥ 3500 | 76.6 | 77.4 | 79.5 | 80.[illegible] | 81.1 | 81.4 | 81.9 | 82.9 | 82.9 | 83.9 | 84.4 | 84.[illegible] | 85.6 | 85.7 | 86.6 | 88.[illegible] |
| ≥ 3000 | 77.8 | 78.[illegible] | 80.9 | 81.6 | 82.[illegible] | 82.[illegible] | 83.3 | 84.3 | 84.3 | 85.3 | 85.8 | 86.[illegible] | 87.0 | 87.1 | 88.[illegible] | 89.[illegible] |
| ≥ 2500 | 78.3 | 79.[illegible] | 81.5 | 82.4 | 83.3 | 83.7 | 84.2 | 85.[illegible] | 85.2 | 86.1 | 86.7 | 86.9 | 87.8 | 88.[illegible] | 88.[illegible] | 90.[illegible] |
| ≥ 2000 | 78.4 | 80.[illegible] | 81.8 | 82.7 | 83.7 | 84.[illegible] | 84.[illegible] | 85.[illegible] | 85.5 | 86.5 | 87.0 | 87.[illegible] | 88.2 | 88.3 | 89.[illegible] | 90.[illegible] |
| ≥ 1800 | 78.5 | 80.[illegible] | 82.0 | 82.9 | 83.9 | 84.2 | 84.7 | 85.7 | 85.7 | 86.7 | 87.2 | 87.4 | 88.4 | 88.5 | 89.4 | 90.[illegible] |
| ≥ 1500 | 79.1 | 81.[illegible] | 83.[illegible] | 84.0 | 84.9 | 85.3 | 85.8 | 86.[illegible] | 86.8 | 87.7 | 88.3 | 88.5 | 89.5 | 89.6 | 90.[illegible] | 91.[illegible] |
| ≥ 1200 | 79.8 | 82.7 | 84.[illegible] | 85.2 | 86.1 | 86.5 | 87.0 | 88.[illegible] | 88.0 | 88.9 | 89.5 | 89.7 | 90.8 | 90.9 | 91.7 | 91.[illegible] |
| ≥ 1000 | 80.0 | 82.9 | 84.4 | 85.7 | 86.7 | 87.[illegible] | 87.5 | 88.[illegible] | 88.5 | 89.5 | 90.0 | 90.2 | 91.3 | 91.4 | 92.[illegible] | 94.[illegible] |
| ≥ 900 | 80.6 | 83.5 | 85.1 | 86.[illegible] | 87.4 | 87.7 | 88.[illegible] | 89.2 | 89.2 | 90.2 | 90.8 | 91.[illegible] | 92.0 | 92.2 | 93.[illegible] | 94.4 |
| ≥ 800 | 80.9 | 83.9 | 85.4 | 86.7 | 87.7 | 88.1 | 88.[illegible] | 89.[illegible] | 89.6 | 90.5 | 91.1 | 91.3 | 92.4 | 92.5 | 93.3 | 94.7 |
| ≥ 700 | 81.5 | 84.7 | 86.2 | 87.6 | 88.7 | 89.[illegible] | 89.7 | 90.6 | 90.6 | 91.6 | 92.2 | 92.4 | 93.4 | 93.5 | 94.4 | 94.[illegible] |
| ≥ 600 | 81.5 | 84.9 | 86.[illegible] | 87.8 | 88.9 | 89.2 | 89.9 | 90.9 | 90.9 | 91.8 | 92.4 | 92.6 | 93.7 | 93.[illegible] | 94.[illegible] | 96.[illegible] |
| ≥ 500 | 81.6 | 85.1 | 86.6 | 88.1 | 89.1 | 89.5 | 90.1 | 91.1 | 91.1 | 92.0 | 92.6 | 92.[illegible] | 94.1 | 94.2 | 95.1 | 96.5 |
| ≥ 400 | 81.8 | 85.6 | 87.1 | 88.8 | 89.9 | 90.2 | 90.9 | 91.9 | 91.8 | 92.9 | 93.5 | 93.8 | 95.1 | 95.3 | 96.1 | 97.3 |
| ≥ 300 | 82.0 | 85.9 | 87.4 | 89.1 | 90.3 | 90.6 | 91.3 | 92.3 | 92.3 | 93.3 | 94.1 | 94.[illegible] | 95.6 | 96.0 | 96.9 | 98.4 |
| ≥ 200 | 82.2 | 86.0 | 87.5 | 89.2 | 90.6 | 91.2 | 91.8 | 92.9 | 92.9 | 94.0 | 94.7 | 94.9 | 96.2 | 96.7 | 97.7 | 99.2 |
| ≥ 100 | 82.2 | 86.0 | 87.3 | 89.4 | 90.8 | 91.3 | 92.0 | 93.1 | 93.1 | 94.2 | 94.9 | 95.2 | 96.5 | 96.9 | 98.1 | 99.7 |
| ≥ 0 | 82.2 | 86.0 | 87.5 | 89.4 | 90.8 | 91.3 | 92.0 | 93.1 | 93.1 | 94.2 | 95.1 | 95.3 | 96.6 | 97.0 | 98.[illegible] | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

252nd [illegible] PRINCE GEORGES COUNTY MD [illegible] 57-66 YEARS [illegible] MONTH

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

[illegible]-1100

| CEILING (FEET) | VISIBILITY STATUTE MILES: | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | [illegible] | 43.3 | 43.4 | 44.1 | 44.5 | 44.5 | 44.7 | 44.7 | 44.8 | 45.2 | 45.3 | 45.4 | 45.3 | 45.3 | 45.4 | 45.4 |
| ≥ 20000 | [illegible] | 47.1 | 47.3 | 48.1 | 48.4 | 48.4 | 48.4 | 48.5 | 48.5 | 49.0 | 49.1 | 49.1 | 49.1 | 49.1 | 49.2 | 49.2 |
| ≥ 18000 | 47.3 | 47.3 | 47.5 | 48.2 | 48.5 | 48.5 | 48.5 | 48.7 | 48.7 | 49.2 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 |
| ≥ 16000 | 47.4 | 47.6 | 47.8 | 48.3 | 48.7 | 48.8 | 48.8 | 49. | 49.0 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 49.8 | 49.8 |
| ≥ 14000 | 49.1 | 49.5 | 49.7 | 50.3 | 50.6 | 50.8 | 50.9 | 50.9 | 50.9 | 51.4 | 51.5 | 51.5 | 51.5 | 51.5 | 51.6 | 51.6 |
| ≥ 12000 | 51.5 | 52.5 | 52.8 | 53.4 | 53.9 | 53.9 | 53.9 | 54. | 54.0 | 54.5 | 54.6 | 54.6 | 54.6 | 54.6 | 54.7 | 54.7 |
| ≥ 10000 | 55.4 | 56.7 | 56.9 | 57.1 | 57.5 | 57.5 | 57.5 | 57.5 | 57.7 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.5 | 58.5 |
| ≥ 9000 | 58.9 | 59.5 | 59.9 | 60.6 | 61.1 | 61.1 | 61.1 | 61.2 | 61.3 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 | 62. | 62. |
| ≥ 8000 | 61.4 | 62.2 | 62.4 | 63.1 | 63.5 | 63.5 | 63.5 | 63.7 | 63.8 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.5 | 64.5 |
| ≥ 7000 | 64.7 | 65.4 | 65.7 | 66.6 | 67.0 | 67.0 | 67.0 | 67.1 | 67.2 | 67.7 | 67.8 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 |
| ≥ 6000 | 67.4 | 68.3 | 68.6 | 69.5 | 69.9 | 69.9 | 69.9 | 70.0 | 70.1 | 70.6 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 |
| ≥ 5000 | 71.3 | 72.5 | 72.9 | 73.8 | 74.2 | 74.2 | 74.2 | 74.3 | 74.4 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 |
| ≥ 4500 | 74.4 | 75.5 | 75.8 | 76.7 | 77.1 | 77.1 | 77.1 | 77.2 | 77.3 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 |
| ≥ 4000 | 78.6 | 79.7 | 80.0 | 80.9 | 81.3 | 81.3 | 81.3 | 81.4 | 81.5 | 82.0 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 |
| ≥ 3500 | 81.8 | 83.1 | 83.3 | 83.1 | 83.5 | 83.5 | 83.5 | 83.7 | 83.8 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| ≥ 3000 | 84.4 | 85.7 | 86.0 | 84.8 | 85.3 | 85.3 | 85.3 | 85.4 | 85.5 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 |
| ≥ 2500 | 86.4 | 87.7 | 88.0 | 86.9 | 87.3 | 87.3 | 87.3 | 87.4 | 87.5 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 |
| ≥ 2000 | 88.2 | 89.5 | 89.8 | 89.2 | 89.7 | 89.7 | 89.7 | 89.8 | 89.9 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 |
| ≥ 1800 | 88.8 | 90.4 | 90.8 | 89.8 | 90.2 | 90.2 | 90.2 | 90.3 | 90.4 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 |
| ≥ 1500 | 89.5 | 91.0 | 91.4 | 91.0 | 92.3 | 92.3 | 92.4 | 92.5 | 92.6 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 |
| ≥ 1200 | 92.9 | 94.3 | 94.5 | 93.8 | 94.4 | 94.4 | 94.5 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 |
| ≥ 1000 | 93.9 | 95.2 | 95.7 | 94.9 | 95.6 | 95.6 | 95.7 | 95.8 | 95.9 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.7 | 96.7 |
| ≥ 900 | 94.1 | 95.4 | 95.9 | 95.2 | 95.8 | 95.8 | 95.9 | 96.0 | 96.1 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 800 | 94.5 | 95.9 | 96.3 | 95.9 | 96.6 | 96.6 | 96.7 | 96.8 | 96.9 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 |
| ≥ 700 | 94.9 | 96.3 | 96.7 | 96.3 | 97.0 | 97.0 | 97.1 | 97.2 | 97.3 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 |
| ≥ 600 | 95.7 | 97.1 | 97.4 | 96.8 | 97.5 | 97.5 | 97.6 | 97.7 | 97.8 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 500 | 96.2 | 97.6 | 97.9 | 97.2 | 97.8 | 97.8 | 98.0 | 98.1 | 98.2 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 400 | 96.3 | 97.7 | 98.0 | 97.3 | 97.9 | 97.9 | 98.1 | 98.2 | 98.3 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 300 | 96.3 | 97.8 | 98.1 | 97.4 | 98.0 | 98.0 | 98.2 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 96.3 | 97.8 | 98.1 | 97.4 | 98.0 | 98.0 | 98.2 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 100.0 |
| ≥ 100 | 96.3 | 97.8 | 98.1 | 97.4 | 98.0 | 98.0 | 98.2 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 100.0 |
| ≥ 0 | 96.3 | 97.8 | 98.1 | 97.4 | 98.0 | 98.0 | 98.2 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] PT 57-66
STATION YEARS

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

12 [illegible]-14 [illegible]
PERIOD OF RECORD

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥⅞ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 40.1 | 40.5 | 40.6 | 40.9 | 41.1 | 41.1 | 41.3 | 41.3 | 41.3 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 | 41.7 |
| ≥ 20000 | 45.5 | 45.9 | 46.0 | 46.2 | 46.3 | 46.5 | 46.7 | 46.7 | 46.7 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 18000 | 45.7 | 46.1 | 46.2 | 46.5 | 46.7 | 46.7 | 46.9 | 46.9 | 46.9 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 |
| ≥ 16000 | 46.7 | 47.1 | 47.2 | 47.4 | 47.6 | 47.6 | 47.8 | 47.8 | 47.8 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 | 48.3 |
| ≥ 14000 | 48.7 | 49.1 | 49.2 | 49.5 | 49.6 | 49.8 | 50.0 | 50.0 | 50.0 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 12000 | 51.3 | 51.4 | 51.5 | 51.8 | 52.0 | 52.1 | 52.3 | 52.3 | 52.3 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 |
| ≥ 10000 | 55.8 | 56.2 | 56.3 | 56.7 | 56.9 | 56.9 | 57.1 | 57.1 | 57.1 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| ≥ 9000 | 59.0 | 59.5 | 59.6 | 60.0 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 8000 | 61.8 | 62.3 | 62.4 | 62.8 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 | 63.7 |
| ≥ 7000 | 64.0 | 64.4 | 64.5 | 64.9 | 65.2 | 65.2 | 65.4 | 65.4 | 65.4 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 6000 | 67.4 | 67.8 | 68.1 | 68.5 | 68.7 | 68.7 | 68.9 | 68.9 | 68.9 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 |
| ≥ 5000 | 70.6 | 71.1 | 71.3 | 71.7 | 72.0 | 72.0 | 72.3 | 72.3 | 72.3 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 4500 | 73.6 | 74.0 | 74.2 | 74.7 | 77.1 | 77.1 | 77.3 | 77.3 | 77.3 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 4000 | 81.8 | 82.5 | 82.7 | 83.1 | 83.5 | 83.5 | 83.8 | 83.8 | 83.8 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 3500 | 84.6 | 85.3 | 85.5 | 85.9 | 86.3 | 86.3 | 86.6 | 86.6 | 86.6 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3000 | 87.7 | 88.4 | 88.6 | 89.0 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 2500 | 91.0 | 91.7 | 91.9 | 92.4 | 92.8 | 92.8 | 93.0 | 93.0 | 93.0 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 2000 | 93.4 | 94.1 | 94.3 | 94.7 | 94.8 | 94.8 | 94.9 | 94.9 | 94.8 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1800 | 93.3 | 94.2 | 94.4 | 94.9 | 95.4 | 95.4 | 95.6 | 95.6 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1500 | 94.7 | 95.3 | 95.5 | 96.2 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1200 | 94.1 | 96.5 | 96.8 | 97.5 | 98.0 | 98.2 | 98.2 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 1000 | 94.3 | 96.8 | 97.1 | 98.1 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 900 | 94.4 | 97.3 | 97.4 | 98.2 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 800 | 94.5 | 97.1 | 97.4 | 98.3 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 700 | 94.5 | 97.1 | 97.4 | 98.3 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 94.5 | 97.1 | 97.5 | 98.5 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 94.5 | 97.3 | 97.8 | 98.7 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 94.6 | 97.4 | 98.0 | 98.8 | 99.2 | 99.2 | 99.5 | 99.5 | 99.5 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 94.6 | 97.4 | 98.0 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 94.6 | 97.4 | 98.0 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 94.6 | 97.4 | 98.0 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 94.6 | 97.4 | 98.0 | 98.9 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 OL 11 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

PRAGUE GEORGE C. KENNEY AFB (STATION NAME) 57-66 (YEARS) (MONTH)

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

1200-1700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 41.7 | 42.2 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 | 42.7 |
| ≥ 20000 | 48.1 | 48.4 | 48.5 | 48.6 | 48.6 | 48.6 | 48.6 | 49. | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49.0 | 49. | 49. |
| ≥ 18000 | 48.4 | 48.6 | 48.7 | 48.8 | 48.8 | 48.8 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 |
| ≥ 16000 | 49.9 | 50.2 | 50.3 | 50.4 | 50.4 | 50.4 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 14000 | 51.9 | 52.4 | 52.5 | 52.6 | 52.6 | 52.6 | 52.9 | 53. | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 12000 | 54.9 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.9 | 56. | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 10000 | 59.2 | 59.7 | 59.8 | 59.9 | 59.9 | 59.9 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 |
| ≥ 9000 | 63.7 | 64.1 | 64.2 | 64.3 | 64.3 | 64.3 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 8000 | 68.4 | 68.8 | 68.9 | 69.0 | 69.0 | 69.0 | 69.3 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 7000 | 71.0 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.9 | 72. | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 6000 | 73.9 | 74.3 | 74.5 | 74.6 | 74.6 | 74.6 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 5000 | 80.2 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 4500 | 84.1 | 84.5 | 84.7 | 84.8 | 84.8 | 84.8 | 85.1 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4000 | 88.1 | 88.5 | 88.8 | 88.9 | 88.9 | 88.9 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3500 | 89.7 | 90.2 | 90.4 | 90.5 | 90.5 | 90.5 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 3000 | 92.4 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2500 | 93.7 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 2000 | 94.4 | 95.2 | 95.3 | 95.6 | 95.6 | 95.6 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1800 | 95.3 | 96.2 | 96.6 | 96.8 | 96.8 | 96.8 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 1500 | 95.5 | 97.0 | 97.3 | 97.5 | 97.5 | 97.5 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1200 | 95.9 | 97.7 | 98.2 | 98.4 | 98.4 | 98.4 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 1000 | 96.0 | 97.8 | 98.3 | 98.7 | 98.8 | 98.8 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 96.0 | 97.9 | 98.5 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 800 | 96.0 | 98.1 | 98.6 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 700 | 96.0 | 98.1 | 98.6 | 99.1 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 600 | 96.0 | 98.1 | 98.6 | 99.1 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 500 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 400 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 96.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

DATA PROCESSED VISUAL
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252 [illegible] 57-66
STATION YEARS

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

1100-2000
LOCAL STANDARD TIME

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 44.3 | 44.9 | 45.1 | 45.1 | 45.1 | 45.1 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 | 45.4 |
| ≥ 20000 | 48.9 | 49.6 | 49.7 | 49.7 | 49.7 | 49.7 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 |
| ≥ 18000 | 49.4 | 50.0 | 50.1 | 50.1 | 50.1 | 50.1 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 | 50.4 |
| ≥ 16000 | 51.0 | 51.3 | 51.4 | 51.4 | 51.4 | 51.4 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 | 51.7 |
| ≥ 14000 | 53.0 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 | 54.1 |
| ≥ 12000 | 55.6 | 56.2 | 56.3 | 56.3 | 56.3 | 56.3 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 | 56.7 |
| ≥ 10000 | 59.7 | 60.4 | 60.5 | 60.6 | 60.6 | 60.6 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| ≥ 9000 | 64.4 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 8000 | 68.1 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 7000 | 70.6 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 6000 | 74.2 | 75.1 | 75.2 | 75.3 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 5000 | 78.6 | 79.5 | 79.6 | 79.7 | 79.7 | 79.7 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 4500 | 84.1 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4000 | 90.0 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3500 | 91.1 | 91.6 | 91.7 | 92.0 | 92.0 | 92.0 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 3000 | 94.0 | 94.2 | 94.3 | 94.7 | 94.7 | 94.7 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2500 | 95.9 | 95.8 | 95.9 | 96.3 | 96.3 | 96.3 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 2000 | 96.9 | 97.0 | 97.1 | 97.5 | 97.6 | 97.6 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 1800 | 97.3 | 97.5 | 97.6 | 98.1 | 98.2 | 98.2 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 1500 | 97.7 | 98.1 | 98.3 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 1200 | 98.8 | 98.2 | 98.5 | 98.9 | 99.0 | 99.0 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 1000 | 98.8 | 98.2 | 98.3 | 98.9 | 99.0 | 99.0 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 900 | 98.8 | 98.2 | 98.7 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | 98.8 | 98.2 | 98.7 | 99.1 | 99.2 | 99.2 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 700 | 98.8 | 98.2 | 98.8 | 99.2 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | 98.8 | 98.2 | 98.8 | 99.2 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 500 | 98.8 | 98.2 | 98.8 | 99.2 | 99.6 | 99.6 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 400 | 98.9 | 98.3 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 98.9 | 98.3 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 98.9 | 98.3 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 98.9 | 98.3 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 98.9 | 98.3 | 98.9 | 99.4 | 99.7 | 99.7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 239

USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 57-66 [illegible]

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

[illegible]=2400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | <¼ | 0 |
| NO CEILING | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 20000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

57-66

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 0 | |
| NO CEILING | 43.3 | 43.4 | 43.4 | 43.7 | 43.8 | 43.8 | 43.8 | 44.0 | 44.0 | 44.3 | 44.3 | 44.7 | 44.8 | 44.9 | 45.2 | 45.4 |
| ≥ 20000 | 45.8 | 46.0 | 46.2 | 46.4 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 47.1 | 47.2 | 47.5 | 47.6 | 47.7 | 48.0 | 48.2 |
| ≥ 18000 | 45.8 | 46.0 | 46.2 | 46.4 | 46.6 | 46.6 | 46.7 | 46.8 | 46.8 | 47.1 | 47.2 | 47.5 | 47.6 | 47.7 | 48.0 | 48.2 |
| ≥ 16000 | 45.9 | 46.1 | 46.3 | 46.6 | 46.7 | 46.7 | 46.8 | 46.9 | 46.9 | 47.2 | 47.3 | 47.6 | 47.7 | 47.8 | 48.1 | 48.3 |
| ≥ 14000 | 47.4 | 47.7 | 47.9 | 48.2 | 48.3 | 48.3 | 48.4 | 48.4 | 48.4 | 48.6 | 48.8 | 49.1 | 49.2 | 49.3 | 49.6 | 49.8 |
| ≥ 12000 | 50.6 | 50.9 | 51.2 | 51.5 | 51.6 | 51.6 | 51.7 | 51.8 | 51.8 | 51.9 | 52.1 | 52.4 | 52.5 | 52.7 | 53.0 | 53.2 |
| ≥ 10000 | 55.4 | 55.7 | 55.9 | 56.2 | 56.3 | 56.3 | 56.4 | 56.4 | 56.4 | 56.5 | 56.8 | 57.1 | 57.2 | 57.4 | 57.7 | 57.9 |
| ≥ 9000 | 56.0 | 56.2 | 56.4 | 56.7 | 56.8 | 56.8 | 56.9 | 56.9 | 57.0 | 57.0 | 57.4 | 57.7 | 57.8 | 58.0 | 58.3 | 58.5 |
| ≥ 8000 | 61.1 | 61.3 | 61.6 | 61.9 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.2 | 62.6 | 63.2 | 63.3 | 63.6 | 64.1 | 64.3 |
| ≥ 7000 | 69.2 | 69.6 | 69.8 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 70.6 | 70.7 | 70.9 | 71.6 | 71.7 | 72.0 | 72.5 | 72.8 |
| ≥ 6000 | 72.8 | 73.1 | 73.3 | 73.7 | 73.8 | 73.8 | 74.0 | 74.1 | 74.1 | 74.2 | 74.5 | 75.3 | 75.4 | 75.7 | 76.2 | 76.5 |
| ≥ 5000 | 79.0 | 80.0 | 80.3 | 80.7 | 80.8 | 80.8 | 81.0 | 81.1 | 81.1 | 81.2 | 81.6 | 82.3 | 82.4 | 82.7 | 83.2 | 83.5 |
| ≥ 4500 | 81.1 | 82.1 | 82.4 | 83.1 | 83.1 | 83.1 | 83.3 | 83.4 | 83.6 | 83.8 | 84.2 | 84.8 | 84.9 | 85.2 | 85.7 | 86.0 |
| ≥ 4000 | 84.7 | 85.9 | 86.4 | 87.1 | 87.1 | 87.1 | 87.4 | 87.6 | 87.8 | 88.0 | 88.2 | 89.0 | 89.1 | 89.3 | 89.8 | 90.1 |
| ≥ 3500 | 86.2 | 87.6 | 88.1 | 88.8 | 88.8 | 88.8 | 89.1 | 89.4 | 89.4 | 89.7 | 89.9 | 90.7 | 90.8 | 91.0 | 91.5 | 91.8 |
| ≥ 3000 | 87.0 | 88.4 | 88.8 | 89.3 | 89.6 | 89.6 | 89.9 | 90.2 | 90.2 | 90.5 | 90.7 | 91.4 | 91.6 | 91.8 | 92.3 | 92.6 |
| ≥ 2500 | 87.9 | 89.7 | 90.1 | 90.7 | 90.9 | 90.9 | 91.2 | 91.5 | 91.6 | 91.9 | 92.0 | 92.6 | 92.7 | 92.9 | 93.4 | 93.7 |
| ≥ 2000 | 88.4 | 90.2 | 90.6 | 91.3 | 91.5 | 91.6 | 91.9 | 92.2 | 92.2 | 92.5 | 92.7 | 93.6 | 93.7 | 93.9 | 94.4 | 94.7 |
| ≥ 1800 | 88.5 | 90.6 | 91.1 | 91.7 | 91.9 | 91.9 | 92.2 | 92.5 | 92.6 | 92.9 | 93.0 | 93.9 | 94.0 | 94.2 | 94.7 | 95.0 |
| ≥ 1500 | 88.6 | 90.8 | 91.3 | 91.9 | 92.1 | 92.1 | 92.4 | 92.7 | 92.9 | 93.2 | 93.3 | 94.2 | 94.3 | 94.6 | 95.1 | 95.4 |
| ≥ 1200 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 1000 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 900 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 800 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 700 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 600 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 500 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 400 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 300 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 200 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 100 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.7 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |
| ≥ 0 | 89.3 | 91.4 | 92.1 | 92.7 | 92.9 | 92.9 | 93.2 | 93.5 | 93.8 | 94.0 | 94.1 | 95.0 | 95.1 | 95.4 | 95.9 | 96.2 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | |
| NO CEILING | [illegible] | [illegible] | 38.0 | 39.3 | 39.8 | 39.8 | 40.0 | 40.1 | 40.3 | 40.9 | 41.6 | 41.[illegible] | 41.7 | 44.[illegible] | 45.3 | 47.4 |
| ≥ 20000 | 40.3 | 40.3 | 40.4 | 41.2 | 41.4 | 41.4 | 41.[illegible] | 42.2 | 42.2 | 42.8 | 43.4 | 43.[illegible] | 43.6 | 47.[illegible] | [illegible] | 48.4 |
| ≥ 18000 | 40.3 | 40.3 | 40.4 | 41.2 | 41.4 | 41.4 | 41.[illegible] | 42.2 | 42.2 | 42.8 | 43.4 | 43.[illegible] | 43.6 | 47.9 | 47.[illegible] | 47.4 |
| ≥ 16000 | 40.7 | 40.7 | 40.8 | 41.6 | 41.8 | 41.8 | 42.2 | 42.6 | 42.6 | 43.1 | 43.8 | 44.1 | 43.9 | 47.[illegible] | 47.7 | 47.[illegible] |
| ≥ 14000 | 42.2 | 42.2 | 42.3 | 43.1 | 43.3 | 43.3 | 43.7 | 44.[illegible] | 44.1 | 44.7 | 45.3 | 45.7 | 47.4 | 47.8 | 49.[illegible] | 51.3 |
| ≥ 12000 | 44.4 | 44.4 | 44.5 | 45.[illegible] | 45.6 | 45.6 | 46.[illegible] | 46.[illegible] | 46.3 | 46.9 | 47.7 | 48.[illegible] | 49.6 | 50.[illegible]1 | 51.[illegible] | 53.7 |
| ≥ 10000 | 48.2 | 48.2 | 48.3 | 49.[illegible] | 49.3 | 49.3 | 49.[illegible] | 50.1 | 50.1 | 50.7 | 51.4 | 51.[illegible] | 53.6 | 53.[illegible] | 55.[illegible] | 57.[illegible] |
| ≥ 9000 | 51.2 | 51.2 | 51.3 | 52.1 | 52.4 | 52.3 | 53.[illegible] | 53.3 | 53.3 | 53.9 | 54.[illegible] | 55.[illegible] | 56.9 | 57.2 | 59.[illegible] | 61.[illegible] |
| ≥ 8000 | 55.4 | 55.4 | 55.6 | 56.4 | 56.7 | 56.7 | 57.[illegible] | 57.7 | 57.7 | 58.2 | 59.1 | 59.[illegible] | 61.3 | 61.[illegible] | 63.[illegible] | 65.[illegible] |
| ≥ 7000 | 60.3 | 60.4 | 60.6 | 61.4 | 61.7 | 61.7 | 62.3 | 62.7 | 62.7 | 63.2 | 64.1 | 64.[illegible] | 66.3 | 66.[illegible] | [illegible].[illegible] | 70.[illegible] |
| ≥ 6000 | 63.6 | 63.6 | 63.9 | 64.9 | 65.1 | 65.1 | 65.6 | 66.2 | 66.2 | 66.9 | 67.9 | 68.[illegible] | 70.2 | 70.[illegible] | 72.[illegible] | 74.[illegible] |
| ≥ 5000 | 71.0 | 71.0 | 71.9 | 73.[illegible] | 73.2 | 73.2 | 74.[illegible] | 74.4 | 74.4 | 75.1 | 76.1 | 76.[illegible] | 77.7 | 77.[illegible] | 79.[illegible] | 81.[illegible] |
| ≥ 4500 | 73.1 | 73.[illegible] | 74.1 | 75.2 | 75.6 | 75.6 | 76.7 | 77.1 | 77.1 | 77.9 | 78.9 | 79.[illegible] | 81.4 | 81.[illegible] | 83.[illegible] | 85.[illegible] |
| ≥ 4000 | 75.4 | 75.[illegible] | 76.7 | 77.6 | 78.1 | 78.1 | 79.[illegible] | 79.[illegible] | 79.8 | 80.6 | 81.6 | 81.[illegible] | 84.1 | 84.[illegible] | 86.4 | 88.[illegible] |
| ≥ 3500 | 76.3 | 77.3 | 77.7 | 78.8 | 79.1 | 79.1 | 80.3 | 80.[illegible] | 80.8 | 81.6 | 82.6 | 82.[illegible] | 85.1 | 85.[illegible] | 87.[illegible] | 89.[illegible] |
| ≥ 3000 | 77.1 | 77.1 | 78.6 | 79.7 | 80.1 | 80.1 | 81.3 | 81.8 | 81.8 | 82.6 | 83.6 | 83.[illegible] | 86.1 | 86.[illegible] | 88.[illegible] | 91.[illegible] |
| ≥ 2500 | 77.8 | 78.4 | 79.9 | 81.[illegible] | 81.4 | 81.4 | 82.7 | 83.1 | 83.1 | 83.9 | 84.9 | 85.[illegible] | 87.4 | 87.[illegible] | 89.[illegible] | 92.[illegible] |
| ≥ 2000 | 78.4 | 78.[illegible] | 80.[illegible] | 81.9 | 82.3 | 82.3 | 83.[illegible] | 84.[illegible] | 84.[illegible] | 84.8 | 85.8 | 86.1 | 88.3 | 88.[illegible] | [illegible].[illegible] | 91.1 |
| ≥ 1800 | 78.4 | 79.[illegible] | 81.[illegible] | 82.1 | 82.7 | 82.7 | 83.9 | 84.3 | 84.3 | 85.1 | 86.1 | 86.4 | 88.7 | 89.1 | 91.[illegible] | 93.[illegible] |
| ≥ 1500 | 78.[illegible] | 79.[illegible] | 81.3 | 82.4 | 83.[illegible] | 83.[illegible] | 84.[illegible] | 84.7 | 84.7 | 85.4 | 86.4 | 86.[illegible] | 89.0 | 89.4 | 91.[illegible] | 93.[illegible] |
| ≥ 1200 | 78.7 | 81.[illegible] | 81.4 | 82.6 | 83.1 | 83.1 | 84.3 | 84.[illegible] | 84.8 | 85.6 | 86.6 | 86.9 | 89.1 | 89.6 | 91.4 | 93.[illegible] |
| ≥ 1000 | 79.[illegible] | 81.3 | 81.6 | 82.9 | 83.[illegible] | 83.[illegible] | 84.7 | 85.1 | 85.1 | 85.9 | 86.9 | 87.2 | 89.4 | 89.9 | 91.[illegible] | 94.2 |
| ≥ 900 | 79.1 | 81.4 | 82.[illegible] | 83.4 | 84.1 | 84.1 | 85.3 | 85.[illegible] | 85.8 | 86.6 | 87.6 | 87.9 | 90.1 | 90.6 | 92.4 | 94.9 |
| ≥ 800 | 79.2 | 81.5 | 82.1 | 83.[illegible] | 84.3 | 84.3 | 85.[illegible] | 86.[illegible] | 86.0 | 86.8 | 87.8 | 88.1 | 90.3 | 90.[illegible] | 92.7 | 95.1 |
| ≥ 700 | 79.2 | 81.5 | 82.1 | 83.[illegible] | 84.3 | 84.3 | 85.[illegible] | 86.[illegible] | 86.0 | 86.8 | 87.8 | 88.1 | 90.3 | 90.[illegible] | 92.7 | 95.1 |
| ≥ 600 | 79.3 | 81.7 | 82.2 | 83.8 | 84.7 | 84.7 | 85.[illegible] | 86.[illegible] | 86.3 | 87.1 | 88.1 | 88.4 | 90.7 | 91.1 | 93.1 | 95.[illegible] |
| ≥ 500 | 79.4 | 81.8 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 86.4 | 86.4 | 87.2 | 88.2 | 88.6 | 90.8 | 91.2 | 93.2 | 95.7 |
| ≥ 400 | 79.4 | 81.8 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 86.4 | 86.4 | 87.2 | 88.2 | 88.6 | 90.8 | 91.2 | 93.[illegible] | 95.[illegible] |
| ≥ 300 | 79.4 | 81.8 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 86.4 | 86.4 | 87.2 | 88.2 | 88.6 | 90.8 | 91.3 | 93.[illegible] | 96.1 |
| ≥ 200 | 79.4 | 81.8 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 86.[illegible] | 86.6 | 87.3 | 88.3 | 88.7 | 90.9 | 91.4 | 93.6 | 96.3 |
| ≥ 100 | 79.4 | 81.8 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 86.9 | 86.9 | 88.1 | 89.1 | 89.4 | 91.7 | 92.2 | 94.7 | 97.[illegible] |
| ≥ [illegible] | 79.4 | 81.9 | 82.3 | 83.9 | 84.8 | 84.8 | 86.[illegible] | 87.[illegible] | 87.0 | 88.2 | 89.2 | 89.6 | 91.8 | 92.3 | 94.8 | 100.[illegible] |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC [illegible] 0 14 5-OL 1 [illegible]

# CEILING VERSUS VISIBILITY

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | <¼ | ≤0 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | 59.1 | 55.2 | 49.0 | 33.7 | 36.[illegible] | 35.[illegible] | 36.[illegible] | 36.7 | 36.7 | 37.7 | 35.3 | 40.7 | [illegible].1 | [illegible].[illegible] | 42.3 | 43.[illegible] |
| ≥ [illegible]000 | 46.[illegible] | 45.1 | 39.[illegible] | 32.[illegible] | 36.[illegible] | 35.[illegible] | 37.1 | 37.2 | 37.6 | 38.6 | 39.2 | 39.[illegible] | 41.[illegible] | 41.4 | 43.[illegible] | 43.[illegible] |
| ≥ 4000 | 50.9 | 49.[illegible] | 43.3 | 39.[illegible] | 39.[illegible] | 39.[illegible] | 40.[illegible] | 40.4 | 41.4 | 42.2 | 42.[illegible] | 44.1 | 44.4 | 46.[illegible] | 47.[illegible] |
| ≥ 3500 | 45.4 | 45.5 | 44.[illegible] | 44.[illegible] | 44.3 | 44.3 | 44.[illegible] | 45.[illegible] | 45.[illegible] | 46.[illegible] | 46.[illegible] | 47.[illegible] | 45.6 | 48.2 | 51.[illegible] | 53.[illegible] |
| ≥ 3000 | 47.3 | 47.4 | 47.[illegible] | 47.[illegible] | 47.[illegible] | 48.[illegible] | 48.4 | 48.[illegible] | 48.9 | 49.9 | 50.[illegible] | 50.7 | 52.7 | 53.1 | 54.[illegible] | 57.[illegible] |
| ≥ 2900 | 50.4 | 50.6 | 50.[illegible] | 51.1 | 51.[illegible] | 51.4 | 51.[illegible] | 52.1 | 52.1 | 53.1 | 53.9 | 54.1 | 55.[illegible] | 57.4 | 58.2 | 61.[illegible] |
| ≥ 2800 | 54.[illegible] | 54.1 | 54.4 | 54.[illegible] | 55.1 | 55.[illegible] | 55.3 | 55.[illegible] | 55.9 | 57.[illegible] | 57.7 | 57.7 | 59.[illegible] | 62.1 | 63.[illegible] |
| ≥ 2700 | 59.[illegible] | 59.1 | 59.[illegible] | 59.[illegible] | 59.4 | 59.4 | 59.7 | 60.[illegible] | 60.3 | 61.3 | 62.1 | 62.1 | 64.3 | 66.[illegible] | 66.7 | 69.[illegible] |
| ≥ 2600 | 61.4 | 62.2 | 62.[illegible] | 61.1 | 61.7 | 61.7 | 62.[illegible] | 62.[illegible] | 62.7 | 63.7 | 64.6 | 64.[illegible] | 66.[illegible] | 67.2 | 69.[illegible] | 72.[illegible] |
| ≥ 2500 | 65.[illegible] | 66.[illegible] | 66.[illegible] | 66.9 | 67.4 | 67.4 | 67.[illegible] | 68.[illegible] | 68.4 | 69.4 | 70.3 | 70.[illegible] | 72.[illegible] | 73.1 | 73.[illegible] | 76.[illegible] |
| ≥ 2400 | 69.[illegible] | 69.9 | 69.2 | 70.[illegible] | 70.7 | 70.7 | 71.[illegible] | 71.[illegible] | 71.7 | 72.[illegible] | 73.7 | 73.7 | 75.[illegible] | 76.[illegible] | 78.[illegible] | 81.[illegible] |
| ≥ 2300 | 71.[illegible] | 71.7 | 72.1 | 72.9 | 73.8 | 73.8 | 74.[illegible] | 74.[illegible] | 74.9 | 75.[illegible] | 76.9 | 76.[illegible] | 78.[illegible] | 79.[illegible] | 81.[illegible] |
| ≥ 2200 | 73.[illegible] | 73.4 | 73.[illegible] | 73.9 | 74.[illegible] | 74.[illegible] | 75.[illegible] | 75.[illegible] | 75.9 | 77.[illegible] | 77.9 | 77.9 | [illegible].3 | [illegible].[illegible] | [illegible].7 | [illegible].[illegible] |
| ≥ 2100 | 74.1 | 75.1 | 75.1 | 74.7 | 75.[illegible] | 75.[illegible] | 76.[illegible] | 76.[illegible] | 76.7 | 77.[illegible] | 78.7 | 78.[illegible] | [illegible].1 | [illegible] | [illegible].[illegible] | [illegible].[illegible] |
| ≥ 2000 | 75.[illegible] | 76.[illegible] | 76.[illegible] | 75.9 | 76.[illegible] | 76.[illegible] | 77.[illegible] | 77.[illegible] | 77.9 | 79.[illegible] | 79.9 | 79.[illegible] | 82.3 | [illegible].[illegible] | 84.7 | 86.[illegible] |
| ≥ 1900 | 76.[illegible] | 77.[illegible] | 77.[illegible] | 76.[illegible] | 77.7 | 77.7 | 78.[illegible] | 78.[illegible] | 78.8 | 80.[illegible] | 80.9 | 80.[illegible] | 83.3 | 83.[illegible] | 85.7 | 89.[illegible] |
| ≥ 1800 | 76.[illegible] | 76.1 | 75.7 | 76.[illegible] | 77.[illegible] | 77.[illegible] | 78.[illegible] | 78.[illegible] | 78.9 | 80.1 | 81.[illegible] | 81.[illegible] | 83.[illegible] | 83.[illegible] | 85.[illegible] | 89.[illegible] |
| ≥ 1700 | 76.[illegible] | 76.[illegible] | 76.[illegible] | 77.[illegible] | 78.[illegible] | 78.[illegible] | 79.[illegible] | 79.[illegible] | 79.9 | 81.1 | 82.[illegible] | 82.[illegible] | 84.4 | 84.9 | 86.[illegible] | 90.[illegible] |
| ≥ 1600 | 76.7 | 76.7 | 77.[illegible] | 77.[illegible] | 79.7 | 79.7 | 80.[illegible] | 80.7 | 80.8 | 82.[illegible] | 82.9 | 82.[illegible] | 85.3 | 85.8 | 87.7 | 91.[illegible] |
| ≥ 1500 | 76.[illegible] | 77.[illegible] | 77.[illegible] | 78.[illegible] | 80.[illegible] | 80.[illegible] | 81.[illegible] | 81.[illegible] | 81.[illegible] | 82.[illegible] | 83.3 | 83.[illegible] | 85.8 | 86.[illegible] | 88.[illegible] | 91.[illegible] |
| ≥ 1400 | 77.[illegible] | 77.1 | 77.[illegible] | 78.4 | 80.4 | 80.4 | 80.[illegible] | 81.4 | 81.6 | 82.8 | 83.7 | 83.7 | 85.1 | 85.[illegible] | 88.[illegible] | 91.[illegible] |
| ≥ 1300 | 77.[illegible] | 77.3 | 77.[illegible] | 78.7 | 80.7 | 80.7 | 81.[illegible] | 81.7 | 81.8 | 83.[illegible] | 83.9 | 83.[illegible] | 85.[illegible] | 85.[illegible] | 88.[illegible] | 92.[illegible] |
| ≥ 1200 | 77.[illegible] | 77.3 | 78.2 | 79.7 | 80.7 | 80.7 | 81.1 | 81.7 | 81.8 | 83.[illegible] | 83.9 | 83.[illegible] | 86.3 | [illegible].8 | 88.7 | 92.[illegible] |
| ≥ 1100 | 77.[illegible] | 77.3 | 78.3 | 80.[illegible] | 81.[illegible] | 81.[illegible] | 81.4 | 82.[illegible] | 82.1 | 83.3 | 84.2 | 84.2 | 86.8 | 87.2 | 89.1 | 92.4 |
| ≥ 1000 | 77.[illegible] | 77.5 | 78.7 | 80.[illegible] | 81.4 | 81.4 | 82.[illegible] | 82.7 | 82.8 | 84.[illegible] | 84.9 | 84.9 | 87.7 | 88.1 | 90.[illegible] | 93.7 |
| ≥ 900 | 77.[illegible] | 77.6 | 78.8 | 80.4 | 81.[illegible] | 81.6 | 82.1 | 82.[illegible] | 82.9 | 84.1 | 85.[illegible] | 85.[illegible] | 87.8 | 88.[illegible] | 90.[illegible] | 94.[illegible] |
| ≥ 800 | 77.[illegible] | 77.7 | 78.9 | 80.6 | 81.7 | 81.7 | 82.[illegible] | 82.[illegible] | 83.[illegible] | 84.2 | 85.4 | 85.4 | 88.4 | 89.[illegible] | 91.4 | 96.7 |
| ≥ 700 | 77.[illegible] | 77.8 | 79.[illegible] | 80.7 | 81.[illegible] | 81.[illegible] | 82.4 | 83.[illegible] | 83.3 | 84.6 | 85.8 | 85.[illegible] | 89.0 | 89.5 | [illegible].[illegible] | 96.[illegible] |
| ≥ 600 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.[illegible] | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.[illegible] | 96.[illegible] |
| ≥ 500 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 96.[illegible] |
| ≥ 400 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 100.[illegible] |
| ≥ 300 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 100.[illegible] |
| ≥ 200 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 100.[illegible] |
| ≥ 100 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 100.[illegible] |
| ≥ 0 | 77.2 | 77.8 | 79.[illegible] | 80.7 | 81.8 | 81.[illegible] | 82.4 | 83.[illegible] | 83.4 | 84.7 | 85.9 | 85.[illegible] | 89.2 | 89.[illegible] | 92.4 | 100.[illegible] |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC [illegible] 0-14 5 OL-1 [illegible]

# CEILING VERSUS VISIBILITY

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 & < ¼ | | |
| NO CEILING | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | |
| ≥ 18000 | | | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | |
| ≥ 3500 | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | |
| ≥ 1500 | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

2

# CEILING VERSUS VISIBILITY

57-68

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | ≥ | ≥0 |
| NO CEILING | 7.4 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 | 37.6 |
| ≥ 20000 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 |
| ≥ 18000 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 |
| ≥ 16000 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 |
| ≥ 14000 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 12000 | 50.2 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 | 50.3 |
| ≥ 10000 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 9000 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 8000 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 7000 | 66.2 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 6000 | 68.8 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 5000 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 4500 | 80.4 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4000 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 3500 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 3000 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 |
| ≥ 2500 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 2000 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1000 | 96.8 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 97.4 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 700 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 98.4 | 98.4 | 98.6 | 98.7 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 200 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 98.4 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.3 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITION OF THIS FORM ARE OBSOLETE

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥5/16 | | =0 |
| NO CEILING | | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | | |
| ≥ 18000 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 | 47.1 |
| ≥ 16000 | | | | | | | | | | | | | | | | |
| ≥ 14000 | 50.9 | 50.9 | 50.9 | | | | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 | 50.9 |
| ≥ 12000 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 | 55.1 |
| ≥ 10000 | | | | | | | | | | | | | | | | |
| ≥ 9000 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 8000 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 7000 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 6000 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 5000 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 4500 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 4000 | | | | | | | | | | | | | | | | |
| ≥ 3500 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 3000 | | | | | | | | | | | | | | | | |
| ≥ 2500 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 2000 | | | | | | | | | | | | | | | | |
| ≥ 1800 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 1500 | | | | | | | | | | | | | | | | |
| ≥ 1200 | 97.8 | 97.8 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | | | | | | | | | | | | | | | | |
| ≥ 900 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 800 | | | | | | | | | | | | | | | | |
| ≥ 700 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 600 | | | | | | | | | | | | | | | | |
| ≥ 500 | 99.3 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | | | | | | | | | | | | | | | | |
| ≥ 300 | 99.4 | 99.4 | 99.5 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | | | | | | | | | | | | | | | | |
| ≥ 100 | 99.4 | 99.4 | 99.5 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

USAF PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

25220 [illegible] 57-66 [illegible]
STATION NUMBER STATION NAME YEAR MONTH

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

1966-2000

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | [illegible] | 44.0 | 44.0 | 44.0 | 44.0 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 20000 | [illegible] | 47.2 | 47.2 | 47.2 | 47.2 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.3 | 47.4 | 47.4 | 47.4 | 47.4 |
| ≥ 18000 | [illegible] | 47.4 | 47.4 | 47.4 | 47.4 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 16000 | [illegible] | 48.8 | 48.8 | 48.8 | 48.8 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 48.9 | 49.0 | 49.0 | 49.0 | 49.0 |
| ≥ 14000 | [illegible] | 52.6 | 52.6 | 52.6 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 52.8 | 52.8 |
| ≥ 12000 | [illegible] | 57.0 | 57.0 | 57.0 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 10000 | [illegible] | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 9000 | [illegible] | 64.2 | 64.2 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 8000 | [illegible] | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 7000 | [illegible] | 71.6 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 6000 | [illegible] | 77.0 | 77.1 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 5000 | [illegible] | 84.0 | 84.2 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 4500 | [illegible] | 87.3 | 87.6 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 4000 | [illegible] | 89.9 | 90.1 | 90.4 | 90.4 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.8 | 90.8 | 90.9 | 90.9 |
| ≥ 3500 | [illegible] | 91.7 | 91.9 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.6 | 92.6 | 92.7 | 92.7 |
| ≥ 3000 | [illegible] | 94.2 | 94.2 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.9 | 94.9 | 95.0 | 95.0 |
| ≥ 2500 | [illegible] | 95.4 | 95.7 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.6 | 96.6 | 96.7 | 96.7 |
| ≥ 2000 | [illegible] | 96.3 | 96.7 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.4 | 97.6 | 97.6 | 97.7 | 97.7 |
| ≥ 1800 | [illegible] | 97.0 | 97.3 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 1500 | [illegible] | 97.3 | 97.6 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 1200 | [illegible] | 97.3 | 97.4 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 |
| ≥ 1000 | [illegible] | 97.6 | 98.0 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 900 | [illegible] | 97.6 | 98.0 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 800 | [illegible] | 97.7 | 98.2 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 700 | [illegible] | 97.7 | 98.2 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 600 | [illegible] | 97.8 | 98.3 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 500 | [illegible] | 97.8 | 98.3 | 99.0 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | [illegible] | 97.8 | 98.3 | 99.0 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | [illegible] | 97.8 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | [illegible] | 97.8 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | [illegible] | 97.8 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | [illegible] | 97.8 | 98.4 | 99.2 | 99.2 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252 [illegible] SCIENCE GEORGE [illegible] FT 57-66 [illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 46.1 | 46.4 | 46.6 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.9 | 47.1 | 47.2 | 47.4 | 47.6 | 47.7 | 47.8 | 47.8 |
| ≥ 20000 | 48.0 | 48.9 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.6 | 49.7 | 49.9 | 50.4 | 50.7 | 51.0 | 51.2 |
| ≥ 18000 | 49.6 | 49.9 | 49.8 | 49.8 | 49.8 | 49.8 | 49.9 | 49.9 | 49.9 | 50.1 | 50.2 | 50.4 | 50.9 | 51.2 | 51.4 | 51.6 |
| ≥ 16000 | 49.1 | 49.4 | 49.6 | 49.6 | 49.6 | 49.6 | 49.9 | 49.9 | 49.9 | 50.1 | 50.2 | 50.4 | 51.0 | 51.3 | 51.6 | 51.8 |
| ≥ 14000 | 50.4 | 50.8 | 50.9 | 50.9 | 50.9 | 50.9 | 51.2 | 51.2 | 51.2 | 51.4 | 51.6 | 51.8 | 52.3 | 52.7 | 52.9 | 53.1 |
| ≥ 12000 | 54.0 | 54.4 | 54.6 | 54.6 | 54.6 | 54.6 | 54.9 | 54.9 | 54.9 | 55.1 | 55.2 | 55.4 | 56.0 | 56.3 | 56.5 | 56.8 |
| ≥ 10000 | 59.2 | 59.3 | 59.9 | 59.9 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.6 | 60.7 | 60.9 | 61.4 | 61.8 | 62.0 | 62.2 |
| ≥ 9000 | 61.4 | 62.3 | 62.1 | 62.1 | 62.2 | 62.2 | 62.0 | 62.6 | 62.6 | 62.8 | 62.9 | 63.1 | 63.7 | 64.0 | 64.2 | 64.4 |
| ≥ 8000 | 65.2 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.4 | 66.4 | 66.4 | 66.7 | 66.8 | 67.1 | 67.6 | 67.9 | 68.1 | 68.3 |
| ≥ 7000 | 73.2 | 74.1 | 74.2 | 74.2 | 74.3 | 74.3 | 74.7 | 74.7 | 74.7 | 75.0 | 75.1 | 75.3 | 75.9 | 76.2 | 76.4 | 76.7 |
| ≥ 6000 | 78.0 | 77.2 | 79.3 | 79.3 | 79.4 | 79.4 | 79.6 | 79.8 | 79.8 | 80.1 | 80.2 | 80.4 | 81.0 | 81.3 | 81.5 | 81.8 |
| ≥ 5000 | 83.3 | 84.9 | 85.0 | 85.0 | 85.1 | 85.1 | 85.4 | 85.4 | 85.4 | 85.9 | 86.0 | 86.2 | 86.9 | 87.2 | 87.4 | 87.7 |
| ≥ 4500 | 85.0 | 86.3 | 86.9 | 86.9 | 87.0 | 87.0 | 87.3 | 87.4 | 87.4 | 88.0 | 88.1 | 88.3 | 89.0 | 89.3 | 89.5 | 89.8 |
| ≥ 4000 | 86.3 | 90.4 | 90.6 | 90.7 | 90.8 | 90.8 | 91.1 | 91.2 | 91.2 | 91.8 | 91.9 | 92.1 | 92.9 | 93.2 | 93.4 | 93.7 |
| ≥ 3500 | 89.7 | 92.1 | 92.3 | 92.4 | 92.6 | 92.6 | 92.9 | 93.0 | 93.0 | 93.6 | 93.7 | 93.9 | 94.7 | 95.0 | 95.2 | 95.4 |
| ≥ 3000 | 90.9 | 93.5 | 94.0 | 94.1 | 94.2 | 94.2 | 94.5 | 94.7 | 94.7 | 95.2 | 95.3 | 95.5 | 96.3 | 96.7 | 96.9 | 97.1 |
| ≥ 2500 | 91.7 | 94.8 | 95.1 | 95.1 | 95.2 | 95.2 | 95.6 | 95.7 | 95.7 | 96.2 | 96.3 | 96.5 | 97.3 | 97.7 | 97.9 | 98.1 |
| ≥ 2000 | 91.9 | 95.0 | 95.3 | 95.4 | 95.6 | 95.6 | 96.0 | 96.1 | 96.1 | 96.7 | 96.8 | 97.0 | 97.8 | 98.1 | 98.3 | 98.5 |
| ≥ 1800 | 92.0 | 95.1 | 95.4 | 95.5 | 95.7 | 95.7 | 96.1 | 96.2 | 96.2 | 96.8 | 96.9 | 97.1 | 97.9 | 98.2 | 98.4 | 98.7 |
| ≥ 1500 | 92.1 | 95.2 | 95.6 | 95.7 | 95.8 | 95.8 | 96.2 | 96.3 | 96.3 | 96.9 | 97.0 | 97.2 | 98.0 | 98.3 | 98.5 | 98.8 |
| ≥ 1200 | 92.1 | 95.2 | 95.8 | 96.0 | 96.1 | 96.1 | 96.6 | 96.7 | 96.7 | 97.2 | 97.3 | 97.5 | 98.3 | 98.7 | 98.9 | 99.1 |
| ≥ 1000 | 92.2 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 97.3 | 97.4 | 97.7 | 98.4 | 98.8 | 99. | 99.2 |
| ≥ 900 | 92.2 | 95.3 | 95.9 | 96.1 | 96.2 | 96.2 | 96.7 | 96.8 | 96.8 | 97.3 | 97.4 | 97.7 | 98.4 | 98.8 | 99. | 99.2 |
| ≥ 800 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 700 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 600 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 500 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 400 | 92.2 | 95.4 | 96.0 | 96.2 | 96.3 | 96.3 | 96.8 | 96.9 | 96.9 | 97.4 | 97.6 | 97.8 | 98.6 | 98.9 | 99.1 | 99.3 |
| ≥ 300 | 92.3 | 95.7 | 96.2 | 96.4 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.7 | 97.8 | 98.0 | 98.8 | 99.1 | 99.3 | 99.5 |
| ≥ 200 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 97.8 | 97.9 | 98.1 | 98.9 | 99.2 | 99.4 | 99.7 |
| ≥ 100 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 98.1 | 98.2 | 98.4 | 99.2 | 99.6 | 99.8 | 100.0 |
| ≥ 0 | 92.3 | 95.8 | 96.3 | 96.6 | 96.7 | 96.7 | 97.1 | 97.2 | 97.2 | 98.1 | 98.2 | 98.4 | 99.2 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 305

USAF ETAC FORM 0-14-5 (OL-1) [illegible]

AIR PROCESSING DIVISION
USAF ETAC
[illegible]

# CEILING VERSUS VISIBILITY

[illegible] 57-66

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

0000-0700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | <¼ |
| NO CEILING | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 20000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 18000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 16000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 14000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 12000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 10000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 9000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 8000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 7000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 6000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 5000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 4000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 3000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 2000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 1000 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 900 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 800 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 700 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 600 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 500 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 400 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 300 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 200 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 100 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| ≥ 0 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL-1) [illegible]

DATA PROCESSING DIVISION
USAF ETAC
STR [illegible] SERVICE / AG

# CEILING VERSUS VISIBILITY

[illegible] PRINCE GEORGE [illegible] INT ARPT 57-66 CT

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS)

0200-0500

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 5.8 | 36.6 | 36.6 | 36.8 | 37.1 | 37.1 | 37.4 | 37.5 | 37.5 | 37.5 | 38.3 | 38.4 | 39.7 | 39.9 | 41.0 | 41.5 |
| ≥ 20000 | 7.0 | 38.3 | 38.3 | 38.6 | 39.1 | 39.1 | 39.6 | 39.7 | 39.7 | 40.1 | 40.4 | 40.5 | 41.8 | 42.0 | 43.1 | 43.7 |
| ≥ 18000 | 37.7 | 38.6 | 38.6 | 38.9 | 39.2 | 39.2 | 39.7 | 39.8 | 39.8 | 40.2 | 40.5 | 40.6 | 41.9 | 42.2 | 43.2 | 43.8 |
| ≥ 16000 | 38.4 | 38.9 | 38.9 | 39.2 | 39.6 | 39.6 | 40.0 | 40.1 | 40.1 | 40.5 | 40.7 | 40.8 | 42.3 | 42.5 | 43.5 | 44.1 |
| ≥ 14000 | 39.4 | 40.6 | 40.6 | 41.0 | 41.3 | 41.3 | 41.7 | 41.8 | 41.8 | 42.3 | 42.6 | 42.7 | 44.0 | 44.2 | 45.3 | 45.9 |
| ≥ 12000 | 44.1 | 44.9 | 44.9 | 45.3 | 45.6 | 45.6 | 46.1 | 46.2 | 46.1 | 46.6 | 46.9 | 47.0 | 48.3 | 48.5 | 49.6 | 50.1 |
| ≥ 10000 | 49.7 | 50.5 | 50.5 | 51.0 | 51.2 | 51.2 | 51.7 | 51.7 | 51.7 | 52.3 | 52.6 | 52.7 | 54.0 | 54.2 | 55.3 | 55.9 |
| ≥ 9000 | 52.3 | 52.7 | 52.9 | 53.3 | 53.7 | 53.7 | 54.2 | 54.2 | 54.2 | 54.7 | 55.1 | 55.2 | 56.5 | 56.7 | 57.7 | 58.3 |
| ≥ 8000 | 54.0 | 55.5 | 55.5 | 55.9 | 56.2 | 56.2 | 56.7 | 56.7 | 56.8 | 57.3 | 57.6 | 57.7 | 59.0 | 59.2 | 60.3 | 60.9 |
| ≥ 7000 | 62.2 | 63.0 | 63.0 | 63.4 | 63.9 | 63.9 | 64.3 | 64.4 | 64.4 | 64.9 | 65.3 | 65.4 | 66.7 | 66.9 | 68.1 | 68.7 |
| ≥ 6000 | 65.1 | 65.9 | 65.9 | 66.3 | 66.8 | 66.8 | 67.2 | 67.3 | 67.3 | 67.8 | 68.2 | 68.3 | 69.6 | 69.8 | 71.0 | 71.6 |
| ≥ 5000 | 69.5 | 70.4 | 70.4 | 70.9 | 71.3 | 71.3 | 71.8 | 71.9 | 71.9 | 72.5 | 72.9 | 73.0 | 74.2 | 74.4 | 75.6 | 76.3 |
| ≥ 4500 | 71.0 | 72.6 | 72.6 | 73.1 | 73.4 | 73.4 | 74.0 | 74.1 | 74.1 | 74.6 | 74.9 | 75.1 | 76.3 | 76.6 | 78.1 | 78.9 |
| ≥ 4000 | 75.3 | 76.6 | 76.9 | 77.3 | 77.7 | 77.7 | 78.3 | 78.4 | 78.4 | 79.0 | 79.4 | 79.5 | 80.8 | 81.1 | 82.5 | 83.2 |
| ≥ 3500 | 76.2 | 77.8 | 78.2 | 78.6 | 79.2 | 79.2 | 79.8 | 79.9 | 79.9 | 80.5 | 80.9 | 81.1 | 82.3 | 82.5 | 84.1 | 84.9 |
| ≥ 3000 | 77.6 | 79.9 | 80.2 | 80.6 | 81.3 | 81.3 | 81.8 | 81.9 | 81.9 | 82.6 | 82.9 | 83.1 | 84.5 | 84.7 | 86.3 | 86.8 |
| ≥ 2500 | 78.4 | 80.8 | 81.2 | 81.7 | 82.5 | 82.5 | 83.0 | 83.1 | 83.1 | 83.8 | 84.1 | 84.2 | 85.7 | 85.9 | 87.5 | 88.1 |
| ≥ 2000 | 78.9 | 81.5 | 82.0 | 82.6 | 83.3 | 83.3 | 83.9 | 84.0 | 84.0 | 84.6 | 84.9 | 85.1 | 86.6 | 86.8 | 88.4 | 88.9 |
| ≥ 1800 | 78.9 | 81.8 | 82.3 | 82.8 | 83.5 | 83.8 | 84.3 | 84.4 | 84.4 | 85.1 | 85.4 | 85.5 | 87.0 | 87.2 | 88.8 | 89.4 |
| ≥ 1500 | 79.4 | 82.8 | 83.2 | 84.1 | 85.4 | 85.4 | 86.0 | 86.3 | 86.3 | 87.4 | 87.7 | 87.8 | 89.4 | 89.6 | 91.2 | 91.7 |
| ≥ 1200 | 79.9 | 83.9 | 84.4 | 85.4 | 86.7 | 86.7 | 87.3 | 87.4 | 87.6 | 88.8 | 89.1 | 89.2 | 90.8 | 91.0 | 92.6 | 93.1 |
| ≥ 1000 | 80.3 | 84.5 | 85.1 | 86.1 | 87.6 | 87.6 | 88.3 | 88.5 | 88.6 | 89.9 | 90.2 | 90.3 | 91.8 | 92.0 | 93.7 | 94.2 |
| ≥ 900 | 80.4 | 84.9 | 85.2 | 86.1 | 87.7 | 87.7 | 88.5 | 88.8 | 88.8 | 90.1 | 90.4 | 90.5 | 92.0 | 92.3 | 93.9 | 94.4 |
| ≥ 800 | 80.5 | 85.2 | 85.7 | 86.7 | 88.4 | 88.4 | 89.1 | 89.6 | 89.6 | 90.9 | 91.3 | 91.4 | 92.9 | 93.1 | 94.7 | 95.3 |
| ≥ 700 | 80.5 | 85.3 | 85.8 | 86.8 | 88.5 | 88.5 | 89.4 | 89.7 | 89.7 | 91.0 | 91.4 | 91.5 | 93.0 | 93.2 | 94.9 | 95.4 |
| ≥ 600 | 80.6 | 85.5 | 86.1 | 87.2 | 89.1 | 89.1 | 90.0 | 90.4 | 90.4 | 91.7 | 92.2 | 92.3 | 93.9 | 94.1 | 95.7 | 96.2 |
| ≥ 500 | 80.6 | 85.5 | 86.1 | 87.2 | 89.4 | 89.4 | 90.2 | 90.6 | 90.6 | 91.9 | 92.4 | 92.5 | 94.1 | 94.3 | 95.9 | 96.5 |
| ≥ 400 | 80.6 | 85.6 | 86.2 | 87.3 | 89.7 | 89.7 | 90.5 | 91.0 | 91.0 | 92.3 | 92.8 | 92.9 | 94.6 | 94.8 | 96.7 | 97.2 |
| ≥ 300 | 80.6 | 85.6 | 86.2 | 87.3 | 89.7 | 89.7 | 90.5 | 91.0 | 91.0 | 92.3 | 92.8 | 92.9 | 94.6 | 94.8 | 96.7 | 97.3 |
| ≥ 200 | 80.6 | 85.6 | 86.2 | 87.3 | 89.7 | 89.7 | 90.6 | 91.4 | 91.4 | 93.0 | 93.5 | 93.7 | 95.4 | 95.6 | 97.3 | 98.4 |
| ≥ 100 | 80.6 | 85.7 | 86.3 | 87.6 | 89.8 | 89.8 | 91.0 | 91.7 | 91.7 | 93.3 | 93.9 | 94.1 | 95.8 | 95.1 | 98.3 | 99.1 |
| ≥ 0 | 80.6 | 85.8 | 86.5 | 87.7 | 89.9 | 89.9 | 91.1 | 91.8 | 91.8 | 93.4 | 94.0 | 94.1 | 95.9 | 96.2 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM NO. 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] PRIMARY GENERAL [illegible] 57-66 [illegible]

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

0600-0300

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 28.1 | 28.2 | 28.5 | 28.6 | 28.6 | 28.6 | 28.9 | 29.0 | 29.0 | 29.2 | 29.9 | 29.9 | 30.3 | 30.5 | 31.3 | 32.0 |
| ≥ 20000 | 31.0 | 31.1 | 31.4 | 31.5 | 31.5 | 31.5 | 31.8 | 31.8 | 31.9 | 32.3 | 33.0 | 33.0 | 33.5 | 33.6 | 34.6 | 35.4 |
| ≥ 18000 | 31.8 | 31.9 | 32.2 | 32.2 | 32.2 | 32.2 | 32.5 | 32.5 | 32.6 | 32.9 | 33.7 | 33.7 | 34.2 | 34.4 | 35.3 | 36.1 |
| ≥ 16000 | 32.5 | 32.6 | 32.9 | 33.0 | 33.0 | 33.0 | 33.3 | 33.3 | 33.4 | 33.8 | 34.5 | 34.5 | 35.1 | 35.3 | 36.1 | 36.9 |
| ≥ 14000 | 34.8 | 34.9 | 35.3 | 35.4 | 35.4 | 35.4 | 35.7 | 35.7 | 35.8 | 36.1 | 36.9 | 36.9 | 37.4 | 37.6 | 38.5 | 39.2 |
| ≥ 12000 | 39.2 | 39.4 | 39.7 | 39.8 | 39.8 | 39.8 | 40.1 | 40.1 | 40.2 | 40.5 | 41.3 | 41.3 | 41.8 | 42.0 | 42.8 | 43.5 |
| ≥ 10000 | 44.8 | 44.9 | 45.3 | 45.4 | 45.4 | 45.4 | 45.7 | 45.7 | 46.0 | 46.3 | 47.1 | 47.1 | 47.7 | 48.0 | 48.9 | 49.9 |
| ≥ 9000 | 48.4 | 48.5 | 48.8 | 48.9 | 48.9 | 48.9 | 49.2 | 49.2 | 49.5 | 50.0 | 50.8 | 50.8 | 51.4 | 51.6 | 52.8 | 53.9 |
| ≥ 8000 | 52.4 | 52.5 | 52.8 | 52.9 | 52.9 | 52.9 | 53.2 | 53.2 | 53.7 | 54.0 | 54.8 | 54.8 | 55.6 | 55.9 | 56.9 | 58.1 |
| ≥ 7000 | 59.3 | 59.7 | 60.0 | 60.1 | 60.2 | 60.2 | 60.5 | 60.5 | 61.0 | 61.3 | 62.2 | 62.2 | 62.9 | 63.2 | 64.2 | 65.3 |
| ≥ 6000 | 62.5 | 62.7 | 63.0 | 63.1 | 63.2 | 63.2 | 63.5 | 63.5 | 64.0 | 64.3 | 65.2 | 65.2 | 65.9 | 66.2 | 67.2 | 68.3 |
| ≥ 5000 | 67.0 | 67.3 | 67.6 | 67.8 | 68.1 | 68.1 | 68.4 | 68.4 | 68.8 | 69.1 | 70.1 | 70.1 | 70.9 | 71.2 | 72.2 | 73.4 |
| ≥ 4500 | 69.2 | 69.9 | 70.2 | 70.5 | 70.8 | 70.8 | 71.1 | 71.1 | 71.5 | 71.8 | 72.8 | 72.8 | 73.5 | 73.9 | 74.9 | 76.1 |
| ≥ 4000 | 72.7 | 74.0 | 74.3 | 74.6 | 74.8 | 74.8 | 75.1 | 75.1 | 75.6 | 75.9 | 76.9 | 76.9 | 77.7 | 78.1 | 79.1 | 80.3 |
| ≥ 3500 | 74.6 | 75.5 | 75.8 | 76.1 | 76.3 | 76.3 | 76.6 | 76.6 | 77.2 | 77.5 | 78.5 | 78.5 | 79.4 | 79.7 | 80.8 | 82.2 |
| ≥ 3000 | 76.3 | 76.9 | 77.4 | 77.7 | 78.1 | 78.1 | 78.4 | 78.4 | 78.8 | 79.1 | 80.1 | 80.1 | 81.2 | 81.5 | 82.7 | 84.1 |
| ≥ 2500 | 78.5 | 77.4 | 78.1 | 78.5 | 79.2 | 79.2 | 79.5 | 79.5 | 80.0 | 80.3 | 81.3 | 81.3 | 82.4 | 82.7 | 83.9 | 85.3 |
| ≥ 2000 | 79.9 | 78.9 | 79.7 | 79.7 | 80.1 | 80.1 | 80.4 | 80.4 | 81.0 | 81.3 | 82.3 | 82.3 | 83.3 | 83.7 | 84.8 | 86.2 |
| ≥ 1800 | 78.1 | 78.5 | 79.2 | 80.0 | 80.4 | 80.4 | 81.3 | 81.3 | 81.4 | 81.7 | 82.7 | 82.7 | 83.8 | 84.1 | 85.3 | 86.7 |
| ≥ 1500 | 78.5 | 78.8 | 79.8 | 80.3 | 81.0 | 81.0 | 82.0 | 82.0 | 82.9 | 83.5 | 84.5 | 84.5 | 85.6 | 85.9 | 87.1 | 88.4 |
| ≥ 1200 | 77.1 | 79.6 | 80.6 | 81.6 | 82.7 | 82.7 | 83.9 | 83.9 | 84.2 | 84.9 | 85.9 | 85.9 | 87.0 | 87.3 | 88.5 | 89.9 |
| ≥ 1000 | 77.3 | 79.9 | 81.2 | 82.2 | 83.2 | 83.2 | 84.4 | 84.4 | 84.7 | 85.5 | 86.6 | 86.6 | 87.6 | 88.0 | 89.1 | 90.5 |
| ≥ 900 | 77.4 | 80.2 | 81.6 | 82.6 | 83.7 | 83.7 | 84.8 | 84.8 | 85.2 | 85.9 | 87.1 | 87.1 | 88.2 | 88.5 | 89.7 | 91.1 |
| ≥ 800 | 77.7 | 80.5 | 82.4 | 83.4 | 84.6 | 84.6 | 85.9 | 85.9 | 86.2 | 87.0 | 88.3 | 88.3 | 89.4 | 89.7 | 90.9 | 92.3 |
| ≥ 700 | 77.8 | 81.1 | 82.8 | 84.2 | 85.4 | 85.4 | 86.7 | 86.6 | 87.1 | 87.8 | 89.1 | 89.1 | 90.3 | 90.6 | 91.9 | 93.3 |
| ≥ 600 | 78.2 | 81.4 | 83.1 | 84.5 | 85.7 | 85.7 | 87.0 | 87.1 | 87.4 | 88.2 | 89.5 | 89.5 | 90.6 | 91.0 | 92.3 | 93.7 |
| ≥ 500 | 78.4 | 81.5 | 83.4 | 84.1 | 86.2 | 86.2 | 87.5 | 87.6 | 88.0 | 88.7 | 90.0 | 90.0 | 91.3 | 91.6 | 92.7 | 94.4 |
| ≥ 400 | 78.5 | 81.7 | 83.7 | 85.4 | 86.6 | 86.6 | 87.8 | 88.2 | 88.5 | 89.2 | 90.5 | 90.5 | 92.0 | 92.3 | 93.4 | 95.3 |
| ≥ 300 | 78.6 | 81.9 | 83.9 | 85.6 | 86.8 | 86.8 | 88.1 | 88.4 | 88.7 | 89.6 | 91.1 | 91.1 | 92.6 | 93.0 | 94.2 | 96.1 |
| ≥ 200 | 78.7 | 82.0 | 84.0 | 85.8 | 87.1 | 87.2 | 88.7 | 89.0 | 89.4 | 90.2 | 91.9 | 91.9 | 93.8 | 94.2 | 96.1 | 98.7 |
| ≥ 100 | 78.8 | 82.3 | 84.2 | 86.0 | 87.6 | 87.6 | 89.0 | 89.5 | 89.8 | 90.8 | 92.5 | 92.5 | 94.3 | 94.7 | 97.0 | 99.7 |
| ≥ 0 | 78.8 | 82.3 | 84.2 | 86.0 | 87.6 | 87.6 | 89.0 | 89.5 | 89.8 | 90.8 | 92.5 | 92.5 | 94.3 | 94.7 | 97.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 960

USAF ETAC FORM 0-14 5-OL 1 [illegible]

DATA PROCESSED [illegible]
USAF ETAC
AIR FORCE [illegible]

# CEILING VERSUS VISIBILITY

[illegible] 57-66 CT

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

[illegible]-1100

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥¼ | 0 |
| NO CEILING | [illegible] | [illegible] | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.4 | 28.5 | 28.5 | 28.5 | 28.6 | 28.7 | 28.8 | 28.8 |
| ≥ 20000 | 33.8 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.2 | 34.2 | 34.2 | 34.4 | 34.5 | 34.6 | 34.6 |
| ≥ 18000 | 34.0 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.4 | 34.4 | 34.4 | 34.6 | 34.7 | 34.8 | 35.0 |
| ≥ 16000 | 35.5 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.8 | 35.9 | 35.9 | 35.9 | 36.1 | 36.2 | 36.3 | 36.7 |
| ≥ 14000 | 39.9 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.5 | 39.5 | 39.5 | 39.7 | 39.8 | 39.9 | 40.3 |
| ≥ 12000 | 44.0 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.3 | 44.5 | 44.5 | 44.5 | 44.7 | 44.8 | 44.9 | 45.3 |
| ≥ 10000 | 49.7 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.1 | 50.3 | 50.3 | 50.3 | 50.6 | 50.8 | 50.9 | 51.2 |
| ≥ 9000 | 53.9 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.3 | 54.5 | 54.5 | 54.5 | 54.8 | 54.9 | 55.0 | 55.2 |
| ≥ 8000 | 57.8 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.3 | 58.5 | 58.5 | 58.5 | 58.8 | 58.9 | 59.0 | 59.4 |
| ≥ 7000 | 61.7 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.4 | 62.4 | 62.4 | 62.7 | 62.8 | 62.9 | 63.3 |
| ≥ 6000 | 64.4 | 64.9 | 64.9 | 64.9 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.4 | 65.4 | 65.4 | 65.7 | 65.8 | 65.9 | 66.3 |
| ≥ 5000 | 68.1 | 69.1 | 69.1 | 69.1 | 69.5 | 69.5 | 69.5 | 69.5 | 69.6 | 69.8 | 69.8 | 69.8 | 70.1 | 70.2 | 70.3 | 70.8 |
| ≥ 4500 | 71.2 | 71.7 | 71.7 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.2 | 72.4 | 72.4 | 72.4 | 72.7 | 72.8 | 72.9 | 73.3 |
| ≥ 4000 | 74.4 | 75.3 | 75.4 | 75.9 | 76.2 | 76.1 | 76.1 | 76.2 | 76.3 | 76.6 | 76.6 | 76.6 | 77.1 | 77.2 | 77.3 | 77.7 |
| ≥ 3500 | 76.0 | 77.0 | 77.1 | 77.7 | 78.0 | 78.1 | 78.1 | 78.2 | 78.3 | 78.5 | 78.6 | 78.6 | 79.1 | 79.2 | 79.4 | 79.8 |
| ≥ 3000 | 77.5 | 78.6 | 79.1 | 80.0 | 80.2 | 80.3 | 80.3 | 80.4 | 80.5 | 80.8 | 80.9 | 80.9 | 81.4 | 81.5 | 81.7 | 82.1 |
| ≥ 2500 | 79.0 | 80.3 | 80.6 | 81.8 | 81.8 | 81.9 | 81.9 | 82.0 | 82.2 | 82.4 | 82.5 | 82.5 | 83.0 | 83.1 | 83.2 | 83.7 |
| ≥ 2000 | 81.6 | 82.2 | 82.5 | 83.5 | 83.9 | 84.0 | 84.1 | 84.2 | 84.3 | 84.6 | 84.7 | 84.7 | 85.3 | 85.4 | 85.5 | 85.9 |
| ≥ 1800 | 82.9 | 83.6 | 83.9 | 84.1 | 84.4 | 84.5 | 84.7 | 84.8 | 84.9 | 85.3 | 85.4 | 85.4 | 85.9 | 86.1 | 86.1 | 86.6 |
| ≥ 1500 | 84.9 | 85.7 | 86.0 | 86.2 | 86.6 | 86.7 | 86.9 | 87.0 | 87.1 | 87.5 | 87.6 | 87.6 | 88.2 | 88.3 | 88.4 | 88.8 |
| ≥ 1200 | 86.6 | 87.5 | 87.8 | 88.0 | 88.3 | 88.4 | 88.6 | 88.7 | 88.8 | 89.2 | 89.3 | 89.3 | 89.8 | 89.9 | 90.0 | 90.4 |
| ≥ 1000 | 87.3 | 88.3 | 88.6 | 88.8 | 89.1 | 89.2 | 89.4 | 89.5 | 89.6 | 90.0 | 90.1 | 90.1 | 90.6 | 90.7 | 90.8 | 91.2 |
| ≥ 900 | 88.1 | 89.3 | 89.6 | 89.8 | 90.1 | 90.2 | 90.4 | 90.5 | 90.6 | 91.0 | 91.1 | 91.1 | 91.6 | 91.7 | 91.8 | 92.2 |
| ≥ 800 | 89.1 | 90.2 | 90.6 | 90.8 | 91.1 | 91.2 | 91.4 | 91.5 | 91.6 | 92.0 | 92.1 | 92.1 | 92.6 | 92.7 | 92.8 | 93.2 |
| ≥ 700 | 90.3 | 91.7 | 92.2 | 92.4 | 92.7 | 92.8 | 93.0 | 93.1 | 93.2 | 93.6 | 93.7 | 93.7 | 94.2 | 94.3 | 94.4 | 94.8 |
| ≥ 600 | 92.3 | 93.7 | 94.2 | 94.4 | 94.7 | 94.8 | 95.0 | 95.1 | 95.2 | 95.6 | 95.7 | 95.7 | 96.2 | 96.3 | 96.4 | 96.8 |
| ≥ 500 | 94.5 | 95.9 | 96.4 | 96.6 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.8 | 97.9 | 97.9 | 98.4 | 98.5 | 98.6 | 99.0 |
| ≥ 400 | 95.5 | 96.9 | 97.4 | 97.6 | 97.9 | 98.0 | 98.2 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 99.4 | 99.5 | 99.6 | 100.0 |
| ≥ 300 | 96.7 | 98.1 | 98.6 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 96.7 | 98.1 | 98.6 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 96.7 | 98.1 | 98.6 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 96.7 | 98.1 | 98.6 | 98.8 | 99.1 | 99.2 | 99.4 | 99.5 | 99.6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

292.6 [illegible] 57-66 YEARS 11 MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400 HOUR

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 | 28.1 |
| ≥ 20000 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 | 34.1 |
| ≥ 18000 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 |
| ≥ 16000 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 | 35.6 |
| ≥ 14000 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 |
| ≥ 12000 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 |
| ≥ 10000 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.2 | 51.3 |
| ≥ 9000 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| ≥ 8000 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 | 59.5 | 59.6 | 59.6 | 59.7 |
| ≥ 7000 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.2 |
| ≥ 6000 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 |
| ≥ 5000 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 | 71.6 | 71.7 | 71.8 |
| ≥ 4500 | 74.7 | 74.8 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 74.9 | 75.1 | 75.1 | 75.1 | 75.1 | 75.3 | 75.4 | 75.5 |
| ≥ 4000 | 79.6 | 79.9 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.4 | 80.5 | 80.6 |
| ≥ 3500 | 81.2 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 | 82.0 | 82.2 | 82.3 |
| ≥ 3000 | 83.2 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.4 | 84.5 | 84.6 |
| ≥ 2500 | 84.5 | 85.5 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.2 | 86.3 | 86.4 |
| ≥ 2000 | 87.0 | 87.0 | 87.8 | 88.0 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.6 | 88.7 | 88.8 |
| ≥ 1800 | 88.8 | 87.8 | 88.7 | 88.9 | 89.0 | 89.0 | 89.4 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.7 | 89.8 | 89.9 |
| ≥ 1500 | 90.2 | 89.5 | 90.4 | 90.8 | 90.9 | 90.9 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.5 | 91.6 | 91.7 |
| ≥ 1200 | 92.4 | 92.5 | 91.8 | 92.3 | 92.4 | 92.4 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 | 93.0 | 93.1 | 93.2 |
| ≥ 1000 | 92.9 | 91.5 | 92.6 | 93.1 | 93.2 | 93.3 | 93.7 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 94.1 | 94.2 | 94.3 |
| ≥ 900 | 93.2 | 91.8 | 92.9 | 93.5 | 93.7 | 93.8 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 | 94.5 | 94.6 | 94.7 |
| ≥ 800 | 93.5 | 92.6 | 93.7 | 94.4 | 94.6 | 94.7 | 95.1 | 95.1 | 95.1 | 95.2 | 95.3 | 95.3 | 95.3 | 95.5 | 95.6 | 95.7 |
| ≥ 700 | 93.5 | 92.7 | 93.9 | 94.9 | 95.2 | 95.3 | 95.6 | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 95.9 | 96.1 | 96.2 | 96.3 |
| ≥ 600 | 93.5 | 92.8 | 94.0 | 95.1 | 95.3 | 95.4 | 95.8 | 95.8 | 95.8 | 95.9 | 96.1 | 96.2 | 96.3 | 96.6 | 96.7 | 96.8 |
| ≥ 500 | 94.1 | 94.8 | 94.9 | 96.2 | 96.3 | 96.6 | 97.1 | 97.3 | 97.3 | 97.4 | 97.6 | 97.7 | 98.0 | 98.2 | 98.4 | 98.5 |
| ≥ 400 | 94.1 | 93.8 | 94.9 | 96.2 | 96.6 | 96.7 | 97.4 | 97.5 | 97.5 | 97.6 | 97.8 | 98.0 | 98.2 | 98.4 | 98.6 | 98.9 |
| ≥ 300 | 94.1 | 93.9 | 95.1 | 96.3 | 96.8 | 96.9 | 97.4 | 97.8 | 97.8 | 98.0 | 98.3 | 98.4 | 98.7 | 99.0 | 99.3 | 100.0 |
| ≥ 200 | 94.1 | 93.9 | 95.1 | 96.3 | 96.8 | 96.9 | 97.4 | 97.8 | 97.8 | 98.0 | 98.3 | 98.4 | 98.7 | 99.0 | 99.3 | 100.0 |
| ≥ 100 | 94.1 | 93.9 | 95.1 | 96.3 | 96.8 | 96.9 | 97.4 | 97.8 | 97.8 | 98.0 | 98.3 | 98.4 | 98.7 | 99.0 | 99.3 | 100.0 |
| ≥ 0 | 94.1 | 93.9 | 95.1 | 96.3 | 96.8 | 96.9 | 97.4 | 97.8 | 97.8 | 98.0 | 98.3 | 98.4 | 98.7 | 99.0 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 3 4

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT/ P... IVI-1 ...
...SAF ETA
AIR ...EAT ... SERVICE/MAC

# CEILING VERSUS VISIBILITY

...52... ...NCIPLE OF SGF ... C ...OT APT 57-66 ...

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

... 1700-1900

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥5/16 | ≥¼ | <¼ |
| NO CEILING | ...0 | ...0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 28.0 | 2...1 |
| ≥ 20000 | 4.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.5 | 34.6 |
| ≥ 18000 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.3 |
| ≥ 16000 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 |
| ≥ 14000 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.1 | 39.2 |
| ≥ 12000 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 42.9 | 43.0 |
| ≥ 10000 | 50.5 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.6 | 50.7 |
| ≥ 9000 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 |
| ≥ 8000 | 59.1 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.2 | 59.4 |
| ≥ 7000 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 | 64.6 |
| ≥ 6000 | 68.5 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.7 |
| ≥ 5000 | 74.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.7 |
| ≥ 4500 | 79.2 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.1 |
| ≥ 4000 | 84.3 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.7 |
| ≥ 3500 | 86.4 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 87.0 |
| ≥ 3000 | 87.7 | 87.7 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.5 |
| ≥ 2500 | 89.0 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.8 |
| ≥ 2000 | 92.1 | 92.3 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 93.1 |
| ≥ 1800 | 92.2 | 92.3 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.3 | 93.4 |
| ≥ 1500 | 93.9 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.4 | 94.5 |
| ≥ 1200 | 94.3 | 94.7 | 94.4 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 | 95.2 | 95.2 | 95.4 | 95.5 |
| ≥ 1000 | 94.3 | 94.7 | 94.4 | 94.8 | 94.8 | 94.8 | 94.8 | 95.2 | 95.2 | 95.3 | 95.3 | 95.3 | 95.5 | 95.5 | 95.7 | 95.9 |
| ≥ 900 | 94.4 | 94.9 | 94.6 | 95.2 | 95.2 | 95.2 | 95.2 | 95.5 | 95.5 | 95.6 | 95.6 | 95.8 | 95.8 | 96.0 | 96.0 | 96.1 |
| ≥ 800 | 94.6 | 94.1 | 94.9 | 95.1 | 95.7 | 95.7 | 95.7 | 96.0 | 96.0 | 96.1 | 96.1 | 96.2 | 96.3 | 96.3 | 96.4 | 96.6 |
| ≥ 700 | 92.2 | 94.6 | 95.5 | 96.3 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.9 | 97.0 | 97.1 | 97.4 | 97.4 | 97.5 | 97.7 |
| ≥ 600 | 92.2 | 94.6 | 95.5 | 96.3 | 96.5 | 96.5 | 96.5 | 96.8 | 96.8 | 96.9 | 97.0 | 97.1 | 97.4 | 97.4 | 97.5 | 97.7 |
| ≥ 500 | 92.2 | 95.3 | 95.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.5 | 97.5 | 97.6 | 97.7 | 98.1 | 98.5 | 98.5 | 98.7 | 98.8 |
| ≥ 400 | 92.2 | 95.3 | 96.1 | 97.1 | 97.2 | 97.2 | 97.4 | 97.7 | 97.7 | 97.8 | 98.1 | 98.4 | 98.8 | 98.8 | 99. | 99.1 |
| ≥ 300 | 92.2 | 95.3 | 96.1 | 97.1 | 97.2 | 97.2 | 97.6 | 98. | 98.0 | 98.1 | 98.3 | 98.7 | 99.1 | 99.1 | 99.2 | 99.3 |
| ≥ 200 | 92.3 | 95.4 | 96.2 | 97.2 | 97.3 | 97.3 | 97.7 | 98.1 | 98.1 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.3 | 99.4 |
| ≥ 100 | 92.3 | 95.4 | 96.2 | 97.3 | 97.4 | 97.4 | 97.8 | 98.2 | 98.2 | 98.3 | 98.6 | 99. | 99.5 | 99.5 | 99.7 | 100.0 |
| ≥ 0 | 2.3 | 95.4 | 96.2 | 97.3 | 97.4 | 97.4 | 97.8 | 98.2 | 98.2 | 98.3 | 98.6 | 99. | 99.5 | 99.5 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC ... 0-14-5 (OL 1) ...

DATA PROCESSED BY
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 7/8 | ≥1 3/4 | ≥1 1/2 | ≥1 1/4 | ≥1 | ≥3/4 | ≥1/2 | ≥5/16 | ≥1/4 | 0 |
| NO CEILING | 4.3 | 34.5 | 34.6 | 34.7 | 34.8 | 34.8 | 34.8 | 34.8 | 34.8 | 35.2 | 35.2 | 35.3 | 35.3 | 35.3 | 35.4 | 35.7 |
| ≥ 20000 | 37.0 | 37.6 | 37.7 | 37.8 | 38.3 | 38.3 | 38.3 | 38.4 | 38.3 | 38.6 | 38.6 | 38.7 | 38.7 | 38.7 | 38.8 | 39.1 |
| ≥ 18000 | 38.1 | 38.1 | 38.2 | 38.3 | 38.4 | 38.4 | 38.4 | 38.4 | 38.4 | 38.7 | 38.7 | 38.8 | 38.8 | 38.8 | 38.9 | 39.2 |
| ≥ 16000 | 38.7 | 38.7 | 38.8 | 38.9 | 39.1 | 39.1 | 39.1 | 39.1 | 39.0 | 39.4 | 39.4 | 39.5 | 39.5 | 39.5 | 39.6 | 39.9 |
| ≥ 14000 | 40.4 | 40.4 | 40.5 | 40.6 | 40.8 | 40.8 | 40.8 | 40.8 | 40.8 | 41.1 | 41.1 | 41.2 | 41.2 | 41.2 | 41.3 | 41.6 |
| ≥ 12000 | 43.0 | 43.0 | 43.0 | 44.0 | 44.1 | 44.1 | 44.2 | 44.2 | 44.1 | 44.4 | 44.4 | 44.5 | 44.5 | 44.5 | 44.6 | 44.9 |
| ≥ 10000 | 50.4 | 50.3 | 50.4 | 50.5 | 50.6 | 50.6 | 50.6 | 50.7 | 50.6 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.4 | 51.7 |
| ≥ 9000 | 54.5 | 54.5 | 54.6 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 55.2 | 55.2 | 55.3 | 55.3 | 55.3 | 55.6 | 55.7 |
| ≥ 8000 | 58.0 | 58.0 | 58.1 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 56.7 | 56.7 | 58.8 | 58.8 | 58.9 | 59.2 | 59.4 |
| ≥ 7000 | 66.2 | 66.3 | 66.5 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 | 66.8 | 67.1 | 67.1 | 67.2 | 67.3 | 67.3 | 67.6 | 67.7 |
| ≥ 6000 | 69.8 | 69.9 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.6 | 70.6 | 70.8 | 70.9 | 70.9 | 71.2 | 71.3 |
| ≥ 5000 | 77.3 | 77.4 | 77.5 | 77.5 | 77.7 | 77.7 | 77.7 | 77.7 | 77.8 | 78.2 | 78.2 | 78.3 | 78.4 | 78.4 | 78.7 | 78.8 |
| ≥ 4500 | 81.5 | 81.7 | 81.8 | 81.9 | 82.0 | 82.0 | 82.0 | 82.2 | 82.2 | 82.6 | 82.6 | 82.7 | 82.8 | 82.8 | 83.1 | 83.2 |
| ≥ 4000 | 85.0 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.9 | 85.9 | 86.0 | 86.1 | 86.1 | 86.4 | 86.6 |
| ≥ 3500 | 87.2 | 87.4 | 87.5 | 87.4 | 87.5 | 87.5 | 87.5 | 87.6 | 87.6 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 | 88.6 | 88.7 |
| ≥ 3000 | 88.1 | 88.1 | 88.2 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 | 89.6 | 89.6 | 89.7 | 89.8 | 89.8 | 90.1 | 90.2 |
| ≥ 2500 | 89.5 | 89.5 | 89.6 | 90.1 | 90.4 | 90.6 | 90.6 | 90.8 | 91.0 | 91.0 | 91.4 | 91.4 | 91.5 | 91.6 | 91.8 | 91.9 |
| ≥ 2000 | 91.5 | 91.6 | 91.9 | 92.3 | 92.6 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 93.3 | 93.3 | 93.4 | 93.5 | 93.5 | 93.6 |
| ≥ 1800 | 92.8 | 92.7 | 92.5 | 92.8 | 93.1 | 93.1 | 93.1 | 93.3 | 93.3 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.5 | 94.6 |
| ≥ 1500 | 93.0 | 93.4 | 93.3 | 93.7 | 94.0 | 94.0 | 94.0 | 94.2 | 94.2 | 94.7 | 94.9 | 95.1 | 95.2 | 95.2 | 95.5 | 95.6 |
| ≥ 1200 | 93.5 | 93.7 | 94.1 | 94.6 | 95.1 | 95.1 | 95.1 | 95.3 | 95.3 | 95.1 | 96.3 | 96.5 | 96.6 | 96.6 | 96.9 | 97.0 |
| ≥ 1000 | 93.6 | 93.8 | 94.4 | 94.9 | 95.4 | 95.4 | 95.4 | 95.5 | 95.6 | 96.5 | 96.7 | 96.9 | 96.9 | 96.9 | 97.2 | 97.3 |
| ≥ 900 | 93.8 | 93.9 | 94.5 | 95.1 | 95.5 | 95.5 | 95.5 | 95.7 | 95.7 | 96.6 | 96.8 | 96.9 | 97.0 | 97.0 | 97.3 | 97.4 |
| ≥ 800 | 93.8 | 93.9 | 94.6 | 95.2 | 95.6 | 95.6 | 95.7 | 95.9 | 95.9 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 | 97.5 | 97.6 |
| ≥ 700 | 93.8 | 93.9 | 94.7 | 95.3 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.9 | 97.1 | 97.2 | 97.3 | 97.3 | 97.6 | 97.7 |
| ≥ 600 | 93.8 | 93.9 | 94.7 | 95.3 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.7 | 97.8 |
| ≥ 500 | 93.8 | 93.9 | 94.7 | 95.3 | 95.7 | 95.7 | 95.8 | 96.0 | 96.0 | 96.9 | 97.2 | 97.3 | 97.4 | 97.4 | 97.7 | 97.8 |
| ≥ 400 | 93.8 | 93.8 | 94.9 | 95.5 | 95.9 | 95.9 | 96.0 | 96.2 | 96.2 | 97.1 | 97.4 | 97.5 | 97.6 | 97.6 | 98.0 | 98.1 |
| ≥ 300 | 93.9 | 93.9 | 95.3 | 95.8 | 96.2 | 96.2 | 96.3 | 96.6 | 96.6 | 97.4 | 97.8 | 98.0 | 98.1 | 98.1 | 98.4 | 98.5 |
| ≥ 200 | 94.0 | 94.0 | 95.4 | 95.9 | 96.3 | 96.3 | 96.5 | 96.7 | 96.7 | 97.6 | 98.2 | 98.3 | 98.4 | 98.4 | 98.7 | 99.1 |
| ≥ 100 | 94.0 | 94.0 | 95.4 | 95.9 | 96.3 | 96.3 | 96.7 | 97.2 | 97.2 | 98.3 | 98.9 | 99.0 | 99.1 | 99.1 | 99.5 | 99.7 |
| ≥ 0 | 94.0 | 94.0 | 95.4 | 95.9 | 96.3 | 96.3 | 96.7 | 97.3 | 97.3 | 98.4 | 99.0 | 99.1 | 99.4 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14 5 (OL-1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 77.3 | 87.7 | 88.1 | 88.1 | 88.3 | 88.3 | 88.6 | 88.8 | 88.6 | 88.7 | 88.9 | 89.2 | 89.6 | 89.8 | 89.9 | 89.9 |
| ≥ 20000 | 41.4 | 41.9 | 41.2 | 41.3 | 41.3 | 41.3 | 41.4 | 41.5 | 41.9 | 42.0 | 42.3 | 42.7 | 42.4 | 42.5 | 42.6 | 42.6 |
| ≥ 18000 | 41.6 | 41.1 | 41.4 | 41.5 | 41.7 | 41.7 | 42.0 | 42.2 | 42.2 | 42.3 | 42.5 | 42.9 | 42.6 | 42.7 | 43.0 | 43.1 |
| ≥ 16000 | 41.5 | 41.9 | 42.3 | 42.4 | 42.6 | 42.6 | 42.9 | 43.0 | 43.0 | 43.1 | 43.3 | 43.7 | 43.4 | 43.5 | 43.8 | 43.9 |
| ≥ 14000 | 43.2 | 43.7 | 44.0 | 44.1 | 44.3 | 44.3 | 44.6 | 44.7 | 44.7 | 44.8 | 45.1 | 45.5 | 45.2 | 45.3 | 45.6 | 45.7 |
| ≥ 12000 | 45.0 | 46.4 | 46.5 | 46.6 | 46.7 | 46.7 | 47.0 | 47.1 | 47.1 | 47.2 | 47.4 | 47.8 | 47.5 | 47.6 | 48.0 | 48.1 |
| ≥ 10000 | 52.3 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.1 | 54.2 | 54.6 | 54.3 | 54.4 | 54.7 | 54.8 |
| ≥ 9000 | 55.3 | 55.8 | 56.1 | 56.2 | 56.5 | 56.5 | 56.7 | 56.8 | 56.9 | 57.0 | 57.2 | 57.6 | 57.3 | 57.4 | 57.7 | 57.8 |
| ≥ 8000 | 60.6 | 61.2 | 61.5 | 61.6 | 61.9 | 61.9 | 62.2 | 62.3 | 62.3 | 62.4 | 62.6 | 63.0 | 62.7 | 62.8 | 63.1 | 63.2 |
| ≥ 7000 | 68.6 | 69.1 | 69.6 | 69.7 | 70.0 | 70.0 | 70.3 | 70.4 | 70.4 | 70.5 | 70.6 | 71.0 | 70.9 | 71.0 | 71.3 | 71.4 |
| ≥ 6000 | 71.6 | 72.3 | 72.7 | 72.8 | 73.1 | 73.1 | 73.4 | 73.5 | 73.5 | 73.7 | 73.9 | 74.3 | 74.0 | 74.1 | 74.5 | 74.6 |
| ≥ 5000 | 77.3 | 78.0 | 78.4 | 78.5 | 78.8 | 78.8 | 79.1 | 79.2 | 79.2 | 79.4 | 79.6 | 80.1 | 79.7 | 79.8 | 80.2 | 80.3 |
| ≥ 4500 | 80.0 | 80.8 | 81.1 | 81.2 | 81.5 | 81.5 | 81.8 | 81.9 | 81.9 | 82.0 | 82.3 | 82.8 | 82.4 | 82.5 | 82.9 | 83.0 |
| ≥ 4000 | 84.3 | 84.9 | 85.4 | 85.5 | 84.9 | 84.9 | 85.3 | 85.4 | 85.4 | 85.5 | 85.7 | 86.2 | 85.8 | 85.9 | 86.3 | 86.4 |
| ≥ 3500 | 86.1 | 86.8 | 86.2 | 86.3 | 86.6 | 86.8 | 87.1 | 87.2 | 87.2 | 87.3 | 87.5 | 87.9 | 87.6 | 87.7 | 88.1 | 88.2 |
| ≥ 3000 | 87.1 | 87.9 | 87.9 | 87.8 | 88.0 | 88.0 | 88.3 | 88.4 | 88.4 | 88.5 | 88.7 | 89.1 | 88.8 | 88.9 | 89.3 | 89.4 |
| ≥ 2500 | 87.3 | 88.2 | 88.7 | 88.8 | 89.0 | 89.0 | 89.3 | 89.4 | 89.4 | 89.5 | 89.7 | 90.2 | 89.8 | 89.9 | 90.4 | 90.5 |
| ≥ 2000 | 90.0 | 90.9 | 90.7 | 90.8 | 90.9 | 90.9 | 91.2 | 91.3 | 91.3 | 91.4 | 91.6 | 92.0 | 91.7 | 91.8 | 92.3 | 92.4 |
| ≥ 1800 | 90.7 | 91.6 | 91.4 | 91.5 | 91.6 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.3 | 92.7 | 92.3 | 92.4 | 92.9 | 93.0 |
| ≥ 1500 | 91.0 | 91.9 | 91.8 | 91.9 | 91.9 | 91.9 | 92.2 | 92.3 | 92.3 | 92.4 | 92.6 | 93.0 | 92.6 | 92.7 | 93.2 | 93.3 |
| ≥ 1200 | 91.2 | 92.1 | 91.9 | 92.0 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.6 | 92.8 | 93.2 | 92.8 | 92.9 | 93.4 | 93.5 |
| ≥ 1000 | 91.7 | 92.6 | 92.4 | 92.5 | 92.7 | 92.7 | 93.0 | 93.1 | 93.1 | 93.2 | 93.4 | 93.8 | 93.4 | 93.5 | 94.0 | 94.1 |
| ≥ 900 | 92.6 | 93.5 | 93.3 | 93.4 | 93.6 | 93.6 | 93.9 | 94.0 | 94.0 | 94.1 | 94.3 | 94.7 | 94.3 | 94.4 | 94.9 | 95.0 |
| ≥ 800 | 93.0 | 93.9 | 93.7 | 93.8 | 94.0 | 94.0 | 94.3 | 94.4 | 94.4 | 94.5 | 94.7 | 95.1 | 94.7 | 94.8 | 95.3 | 95.4 |
| ≥ 700 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 600 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 500 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 400 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 300 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 200 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 100 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |
| ≥ 0 | 93.1 | 94.0 | 93.8 | 93.9 | 94.1 | 94.1 | 94.4 | 94.5 | 94.5 | 94.6 | 94.8 | 95.2 | 94.8 | 94.9 | 95.4 | 95.5 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL 1-

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 7/8 | ≥1 3/4 | ≥1 1/2 | ≥1 | ≥7/8 | ≥5/8 | ≥1/2 | ≥5/16 | ≥1/4 | ≥0 |
| NO CEILING | 0.0 | 30.3 | 30.4 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.9 | 31.0 | 31.2 | 31.3 | 31.3 | 31.4 | 31.5 | 32.0 |
| ≥ 20000 | 1.9 | 31.5 | 31.9 | 32.0 | 32.2 | 32.2 | 32.2 | 32.2 | 32.3 | 32.4 | 32.7 | 32.8 | 32.9 | 32.9 | 33.0 | 34.1 |
| ≥ 18000 | 31.7 | 32.0 | 32.1 | 32.4 | 32.4 | 32.4 | 32.4 | 32.5 | 32.6 | 32.7 | 32.9 | 33.0 | 33.0 | 33.1 | 33.3 | 34.3 |
| ≥ 16000 | 32.1 | 32.4 | 32.5 | 32.8 | 32.8 | 32.9 | 32.9 | 33.0 | 33.1 | 33.1 | 33.3 | 33.4 | 33.4 | 33.5 | 33.6 | 34.7 |
| ≥ 14000 | 33.2 | 33.5 | 33.7 | 34.1 | 34.1 | 34.2 | 34.2 | 34.3 | 34.4 | 34.5 | 34.7 | 34.8 | 34.8 | 34.9 | 35.0 | 35.7 |
| ≥ 12000 | 34.0 | 34.3 | 34.5 | 35.0 | 35.0 | 35.0 | 35.0 | 35.1 | 35.4 | 35.6 | 35.8 | 35.9 | 35.9 | 36.0 | 36.3 | 37.2 |
| ≥ 10000 | 39.1 | 39.4 | 39.6 | 39.9 | 39.9 | 39.9 | 39.9 | 40.0 | 40.0 | 40.1 | 40.3 | 40.4 | 40.4 | 40.5 | 40.6 | 41.6 |
| ≥ 9000 | 41.4 | 41.9 | 42.0 | 42.3 | 42.3 | 42.3 | 42.3 | 42.4 | 42.4 | 42.6 | 42.8 | 42.9 | 42.9 | 43.0 | 43.2 | 44.2 |
| ≥ 8000 | 44.0 | 44.4 | 44.5 | 44.7 | 44.7 | 44.9 | 44.9 | 45.0 | 45.0 | 45.1 | 45.3 | 45.4 | 45.4 | 45.6 | 45.7 | 46.7 |
| ≥ 7000 | 49.4 | 49.9 | 50.0 | 50.3 | 50.3 | 50.3 | 50.3 | 50.4 | 50.6 | 50.7 | 50.9 | 51.0 | 51.1 | 51.2 | 51.3 | 52.4 |
| ≥ 6000 | 51.7 | 52.2 | 52.3 | 52.5 | 52.5 | 52.5 | 52.5 | 52.6 | 53.0 | 53.1 | 53.3 | 53.4 | 53.5 | 53.6 | 53.7 | 54.9 |
| ≥ 5000 | 56.1 | 56.9 | 57.0 | 57.0 | 57.0 | 57.0 | 57.1 | 57.2 | 57.9 | 58.0 | 58.2 | 58.3 | 58.3 | 58.4 | 58.5 | 59.8 |
| ≥ 4500 | 58.1 | 59.0 | 59.1 | 59.2 | 59.2 | 59.3 | 59.3 | 59.4 | 59.9 | 60.0 | 60.2 | 60.3 | 60.3 | 60.6 | 60.7 | 62.1 |
| ≥ 4000 | 62.4 | 63.2 | 63.2 | 63.4 | 63.6 | 63.6 | 63.6 | 63.7 | 64.2 | 64.3 | 64.5 | 64.6 | 64.6 | 64.7 | 64.8 | 66.2 |
| ≥ 3500 | 64.7 | 65.2 | 65.3 | 66.1 | 66.3 | 66.4 | 66.6 | 66.7 | 67.2 | 67.3 | 67.4 | 67.5 | 67.5 | 67.6 | 67.8 | 69.4 |
| ≥ 3000 | 70.2 | 70.8 | 71.0 | 71.8 | 71.9 | 72.0 | 72.2 | 72.3 | 72.8 | 72.9 | 73.1 | 73.2 | 73.2 | 73.3 | 73.4 | 75.0 |
| ≥ 2500 | 77.3 | 77.9 | 78.1 | 78.9 | 79.1 | 79.2 | 79.4 | 79.5 | 80.1 | 80.3 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 82.7 |
| ≥ 2000 | 79.1 | 79.6 | 79.8 | 80.4 | 80.6 | 80.7 | 80.9 | 81.0 | 81.6 | 81.8 | 82.1 | 82.2 | 82.3 | 82.4 | 82.5 | 84.3 |
| ≥ 1800 | 81.1 | 81.7 | 81.9 | 82.5 | 82.7 | 82.8 | 83.0 | 83.1 | 83.7 | 83.9 | 84.2 | 84.3 | 84.4 | 84.5 | 84.6 | 86.4 |
| ≥ 1500 | 82.2 | 82.7 | 83.0 | 83.6 | 83.8 | 83.9 | 84.1 | 84.2 | 84.8 | 85.0 | 85.3 | 85.4 | 85.5 | 85.6 | 85.7 | 87.5 |
| ≥ 1200 | 84.9 | 85.5 | 85.8 | 86.4 | 86.6 | 86.7 | 86.9 | 87.0 | 87.6 | 87.8 | 88.1 | 88.2 | 88.3 | 88.4 | 88.5 | 90.4 |
| ≥ 1000 | 86.2 | 86.8 | 87.1 | 87.8 | 88.0 | 88.1 | 88.3 | 88.4 | 89.0 | 89.2 | 89.5 | 89.6 | 89.7 | 89.8 | 89.9 | 91.8 |
| ≥ 900 | 87.5 | 88.1 | 88.4 | 89.1 | 89.3 | 89.4 | 89.6 | 89.7 | 90.3 | 90.5 | 90.8 | 90.9 | 91.0 | 91.1 | 91.2 | 93.1 |
| ≥ 800 | 89.7 | 90.3 | 90.6 | 91.3 | 91.5 | 91.6 | 91.8 | 91.9 | 92.5 | 92.7 | 93.0 | 93.1 | 93.2 | 93.3 | 93.4 | 95.3 |
| ≥ 700 | 91.9 | 92.5 | 92.8 | 93.5 | 93.7 | 93.8 | 94.0 | 94.1 | 94.7 | 94.9 | 95.2 | 95.3 | 95.4 | 95.5 | 95.6 | 97.5 |
| ≥ 600 | 93.7 | 94.3 | 94.6 | 95.3 | 95.5 | 95.6 | 95.8 | 95.9 | 96.5 | 96.7 | 97.0 | 97.1 | 97.2 | 97.3 | 97.4 | 99.3 |
| ≥ 500 | 94.3 | 94.9 | 95.2 | 95.9 | 96.1 | 96.2 | 96.4 | 96.5 | 97.1 | 97.3 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 99.9 |
| ≥ 400 | 94.5 | 95.1 | 95.4 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 97.3 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 100.0 |
| ≥ 300 | 94.5 | 95.1 | 95.4 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 97.3 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 100.0 |
| ≥ 200 | 94.5 | 95.1 | 95.4 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 97.3 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 100.0 |
| ≥ 100 | 94.5 | 95.1 | 95.4 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 97.3 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 100.0 |
| ≥ 0 | 94.5 | 95.1 | 95.4 | 96.1 | 96.3 | 96.4 | 96.6 | 96.7 | 97.3 | 97.5 | 97.8 | 97.9 | 98.0 | 98.1 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-145 OL-1

# CEILING VERSUS VISIBILITY

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥0 | ≥5/16 | ≥¼ | 0 |
| NO CEILING | 29.3 | 30.2 | 30.6 | 30.7 | 30.7 | 30.7 | 30.7 | 30.8 | 30.8 | 31.0 | 31.1 | 31.2 | 31.3 | 31.3 | 31.4 | 31.5 |
| ≥ 20000 | 31.1 | 31.6 | 31.8 | 32.0 | 32.0 | 32.0 | 32.0 | 32.1 | 32.1 | 32.3 | 32.3 | 32.4 | 32.4 | 32.4 | 32.4 | 32.5 |
| ≥ 18000 | 31.3 | 31.8 | 32.1 | 32.2 | 32.2 | 32.2 | 32.2 | 32.3 | 32.3 | 32.5 | 32.5 | 32.7 | 32.9 | 32.9 | 32.9 | 33.0 |
| ≥ 16000 | 32.2 | 32.7 | 33.0 | 33.1 | 33.1 | 33.1 | 33.1 | 33.2 | 33.2 | 33.4 | 33.4 | 33.6 | 33.8 | 33.8 | 33.8 | 33.9 |
| ≥ 14000 | 33.4 | 33.9 | 34.2 | 34.3 | 34.3 | 34.3 | 34.3 | 34.4 | 34.4 | 34.7 | 34.7 | 34.9 | 35.0 | 35.0 | 35.0 | 35.1 |
| ≥ 12000 | 34.7 | 35.1 | 35.4 | 35.5 | 35.5 | 35.5 | 35.5 | 35.6 | 35.7 | 35.9 | 35.9 | 36.1 | 36.3 | 36.3 | 36.3 | 36.4 |
| ≥ 10000 | 41.3 | 41.9 | 42.2 | 42.3 | 42.3 | 42.3 | 42.3 | 42.4 | 42.4 | 42.6 | 42.6 | 42.8 | 43.1 | 43.1 | 43.1 | 43.2 |
| ≥ 9000 | 43.5 | 43.9 | 44.2 | 44.3 | 44.3 | 44.3 | 44.3 | 44.4 | 44.4 | 44.6 | 44.6 | 44.8 | 44.7 | 44.7 | 44.7 | 44.8 |
| ≥ 8000 | 46.1 | 46.7 | 47.0 | 47.1 | 47.1 | 47.1 | 47.1 | 47.2 | 47.2 | 47.5 | 47.6 | 47.7 | 47.9 | 47.9 | 47.9 | 48.0 |
| ≥ 7000 | 51.9 | 52.4 | 52.6 | 52.7 | 52.7 | 52.7 | 52.7 | 52.8 | 52.8 | 53.0 | 53.0 | 53.2 | 53.4 | 53.4 | 53.4 | 53.5 |
| ≥ 6000 | 54.4 | 54.9 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.4 | 55.6 | 55.6 | 55.8 | 55.9 | 55.9 | 55.9 | 56.0 |
| ≥ 5000 | 60.4 | 60.9 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.5 | 61.5 | 61.7 | 62.2 | 62.2 | 62.2 | 62.3 |
| ≥ 4500 | 63.3 | 63.8 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.6 | 64.6 | 64.8 | 65.1 | 65.1 | 65.1 | 65.2 |
| ≥ 4000 | 65.3 | 65.8 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.5 | 66.5 | 66.7 | 67.2 | 67.2 | 67.2 | 67.3 |
| ≥ 3500 | 66.4 | 66.9 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.6 | 67.6 | 67.8 | 68.1 | 68.1 | 68.1 | 68.2 |
| ≥ 3000 | 70.9 | 71.4 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.1 | 72.1 | 72.3 | 72.9 | 72.9 | 72.9 | 73.0 |
| ≥ 2500 | 77.7 | 78.3 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.9 | 78.9 | 79.1 | 79.1 | 79.3 | 79.8 | 79.8 | 79.8 | 79.9 |
| ≥ 2000 | 78.1 | 78.7 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.5 | 79.5 | 79.7 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 1800 | 78.8 | 79.4 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.2 | 80.2 | 80.4 | 80.9 | 80.9 | 80.9 | 81.0 |
| ≥ 1500 | 79.4 | 80.0 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.8 | 80.8 | 81.0 | 81.5 | 81.5 | 81.5 | 81.6 |
| ≥ 1200 | 82.7 | 83.3 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 | 83.9 | 84.1 | 84.1 | 84.3 | 84.8 | 84.8 | 84.8 | 84.9 |
| ≥ 1000 | 84.3 | 84.9 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.7 | 85.7 | 85.9 | 86.4 | 86.4 | 86.4 | 86.5 |
| ≥ 900 | 85.4 | 86.1 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.8 | 86.8 | 87.0 | 87.5 | 87.5 | 87.5 | 87.6 |
| ≥ 800 | 87.1 | 87.8 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.4 | 88.4 | 88.6 | 89.1 | 89.1 | 89.1 | 89.2 |
| ≥ 700 | 89.2 | 89.8 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.3 | 90.3 | 90.5 | 90.5 | 90.7 | 91.2 | 91.2 | 91.2 | 91.3 |
| ≥ 600 | 91.2 | 91.8 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.7 | 93.1 | 93.1 | 93.1 | 93.2 |
| ≥ 500 | 93.3 | 93.9 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.8 | 95.2 | 95.2 | 95.2 | 95.3 |
| ≥ 400 | 94.4 | 95.0 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.9 | 96.3 | 96.3 | 96.3 | 96.4 |
| ≥ 300 | 94.8 | 95.4 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 96.1 | 96.1 | 96.3 | 96.7 | 96.7 | 96.7 | 96.8 |
| ≥ 200 | 95.0 | 95.6 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.3 | 96.3 | 96.5 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 100 | 96.0 | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.3 | 97.5 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 0 | 96.0 | 96.6 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.1 | 97.1 | 97.3 | 97.3 | 97.5 | 97.9 | 97.9 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0145 OL 1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 57-66

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

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | 25/16 | ≥¼ | 0 |
| NO CEILING | 76.1 | [illegible] | 29.3 | 27.3 | 29.4 | 29.4 | 29.7 | 29.7 | 29.7 | 29.9 | 30.3 | 30.5 | 30.6 | 30.7 | 31.1 | 31.2 |
| ≥ 20000 | 31.2 | 31.2 | 31.3 | 31.3 | 31.4 | 31.4 | 31.6 | 31.7 | 31.7 | 31.8 | 32.1 | 32.2 | 32.6 | 32.7 | 32.7 | 33.2 |
| ≥ 18000 | 31.3 | 31.3 | 31.3 | 31.3 | 31.4 | 31.4 | 31.6 | 31.7 | 31.7 | 31.8 | 32.1 | 32.2 | 32.6 | 32.7 | 32.7 | 33.2 |
| ≥ 16000 | 31.4 | 31.7 | 31.8 | 31.8 | 31.9 | 31.9 | 32.1 | 32.2 | 32.1 | 32.2 | 32.4 | 32.5 | 33.0 | 33.1 | 33.1 | 33.6 |
| ≥ 14000 | 33.4 | 33.3 | 33.4 | 33.4 | 33.5 | 33.6 | 33.8 | 33.8 | 33.8 | 33.9 | 34.1 | 34.2 | 34.7 | 34.8 | 34.8 | 35.4 |
| ≥ 12000 | 35.2 | 35.2 | 35.3 | 35.3 | 35.4 | 35.4 | 35.6 | 35.7 | 35.7 | 35.8 | 36.1 | 36.2 | 37.0 | 37.1 | 37.1 | 37.8 |
| ≥ 10000 | 41.7 | 42.1 | 42.1 | 42.1 | 42.2 | 42.3 | 42.5 | 42.4 | 42.4 | 42.6 | 42.8 | 42.9 | 43.3 | 43.4 | 43.4 | 44.1 |
| ≥ 9000 | 44.1 | 44.3 | 44.4 | 44.4 | 44.5 | 44.6 | 44.8 | 44.8 | 44.8 | 44.9 | 45.1 | 45.2 | 45.7 | 45.8 | 45.8 | 46.4 |
| ≥ 8000 | 48.4 | 48.7 | 48.8 | 48.8 | 48.9 | 49.0 | 49.2 | 49.1 | 49.1 | 49.2 | 49.4 | 49.5 | 50.0 | 50.1 | 50.1 | 50.8 |
| ≥ 7000 | 54.4 | 54.7 | 54.8 | 54.8 | 54.9 | 54.9 | 55.1 | 55.1 | 55.1 | 55.2 | 55.4 | 55.5 | 56.0 | 56.1 | 56.1 | 56.8 |
| ≥ 6000 | 55.9 | 56.2 | 56.4 | 56.6 | 56.7 | 56.7 | 56.9 | 56.9 | 56.9 | 57.0 | 57.2 | 57.3 | 57.8 | 57.8 | 57.9 | 58.7 |
| ≥ 5000 | 58.8 | 59.4 | 59.6 | 59.7 | 59.8 | 59.8 | 60.0 | 60.0 | 60.0 | 60.1 | 60.3 | 60.4 | 60.9 | 61.0 | 61.0 | 61.8 |
| ≥ 4500 | 61.9 | 62.1 | 62.2 | 62.2 | 62.3 | 62.3 | 62.4 | 62.4 | 62.4 | 62.5 | 62.6 | 62.7 | 63.1 | 63.2 | 63.2 | 64.0 |
| ≥ 4000 | 63.8 | 64.3 | 64.4 | 64.5 | 65.4 | 65.4 | 65.9 | 66.0 | 66.0 | 66.2 | 66.6 | 66.7 | 67.1 | 67.2 | 67.2 | 67.9 |
| ≥ 3500 | 66.9 | 67.3 | 67.4 | 67.5 | 67.6 | 67.6 | 67.8 | 67.9 | 67.9 | 68.1 | 68.4 | 68.4 | 68.8 | 68.9 | 68.9 | 69.7 |
| ≥ 3000 | 70.4 | 70.7 | 70.9 | 71.0 | 71.2 | 71.2 | 72.1 | 72.2 | 72.2 | 72.4 | 72.8 | 72.9 | 73.3 | 73.4 | 73.4 | 74.2 |
| ≥ 2500 | 74.9 | 75.0 | 75.1 | 75.2 | 75.3 | 75.3 | 75.6 | 75.7 | 75.7 | 75.9 | 76.2 | 76.3 | 76.7 | 76.8 | 76.8 | 77.6 |
| ≥ 2000 | 77.1 | 77.2 | 77.3 | 77.4 | 77.5 | 77.6 | 77.9 | 78.1 | 78.1 | 78.3 | 78.7 | 78.8 | 79.0 | 79.1 | 79.1 | 79.9 |
| ≥ 1800 | 77.4 | 77.5 | 77.6 | 77.7 | 77.8 | 77.8 | 78.1 | 78.2 | 78.2 | 78.4 | 78.8 | 78.9 | 79.2 | 79.3 | 79.3 | 80.1 |
| ≥ 1500 | 78.0 | 78.1 | 78.2 | 78.3 | 78.4 | 78.4 | 78.7 | 78.8 | 78.8 | 79.0 | 79.3 | 79.4 | 79.7 | 79.8 | 79.8 | 80.6 |
| ≥ 1200 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.6 | 78.9 | 79.0 | 79.0 | 79.2 | 79.5 | 79.6 | 79.9 | 80.0 | 80.0 | 80.8 |
| ≥ 1000 | 78.9 | 79.0 | 79.1 | 79.2 | 79.3 | 79.3 | 79.6 | 79.7 | 79.7 | 79.9 | 80.2 | 80.3 | 80.6 | 80.7 | 80.7 | 81.5 |
| ≥ 900 | 79.4 | 79.5 | 79.6 | 79.7 | 79.8 | 79.8 | 80.1 | 80.2 | 80.2 | 80.4 | 80.7 | 80.8 | 81.1 | 81.2 | 81.2 | 82.0 |
| ≥ 800 | 79.7 | 79.8 | 79.9 | 80.0 | 80.1 | 80.1 | 80.4 | 80.5 | 80.5 | 80.7 | 81.0 | 81.1 | 81.4 | 81.5 | 81.5 | 82.3 |
| ≥ 700 | 79.9 | 80.0 | 80.1 | 80.2 | 80.3 | 80.3 | 80.6 | 80.7 | 80.7 | 80.9 | 81.2 | 81.3 | 81.6 | 81.7 | 81.7 | 82.5 |
| ≥ 600 | 80.1 | 80.2 | 80.3 | 80.4 | 80.5 | 80.5 | 80.8 | 80.9 | 80.9 | 81.1 | 81.4 | 81.5 | 81.8 | 81.9 | 81.9 | 82.7 |
| ≥ 500 | 80.6 | 80.7 | 80.8 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 | 81.4 | 81.6 | 81.9 | 82.0 | 82.3 | 82.4 | 82.4 | 83.2 |
| ≥ 400 | 81.7 | 81.8 | 81.9 | 82.0 | 82.1 | 82.1 | 82.4 | 82.5 | 82.5 | 82.7 | 83.0 | 83.1 | 83.4 | 83.5 | 83.5 | 84.3 |
| ≥ 300 | 82.7 | 82.8 | 82.9 | 83.0 | 83.1 | 83.1 | 83.4 | 83.5 | 83.5 | 83.7 | 84.0 | 84.1 | 84.4 | 84.5 | 84.5 | 85.3 |
| ≥ 200 | 84.1 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 | 84.8 | 84.9 | 84.9 | 85.1 | 85.4 | 85.5 | 85.8 | 85.9 | 85.9 | 86.7 |
| ≥ 100 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.7 | 86.0 | 86.1 | 86.4 | 86.5 | 86.5 | 87.3 |
| ≥ 0 | 84.7 | 84.8 | 84.9 | 85.0 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.7 | 86.0 | 86.1 | 86.4 | 86.5 | 86.5 | 87.3 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥1 | ≥7/8 | ≥3/4 | ≥5/8 | ≥1/2 | ≥3/8 | ≥1/4 | ≥0 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NO CEILING | 27.1 | 27.2 | 27.3 | 27.4 | 27.7 | 27.7 | 27. | 27. | 27.8 | 27.8 | 28. | 28. | 28.0 | 28.1 | 28.1 |
| ≥ 20000 | 32.2 | 32.4 | 32.4 | 32.6 | 32. | 33. | 33. | 33.1 | 33.1 | 33.4 | 33.4 | 33.6 | 33.6 | 33.7 | 33.7 |
| ≥ 18000 | 32.4 | 32.4 | 32.6 | 32.7 | 33. | 33. | 33.1 | 33. | 33.2 | 33.2 | 33.6 | 33.8 | 33.7 | 33.7 | 33. |
| ≥ 16000 | 33.1 | 33.2 | 33.3 | 33.4 | 33. | 33. | 33. | 34. | 34.0 | 34. | 34.3 | 34.3 | 34.4 | 34.4 | 34. |
| ≥ 14000 | 35.1 | 35.2 | 35.3 | 35.4 | 35. | 35. | 35.7 | 36. | 36.0 | 36.2 | 36.3 | 36.3 | 36.4 | 36.4 | 36.5 |
| ≥ 12000 | 39.6 | 39.7 | 39.8 | 39. | 40. | 40. | 40.3 | 40.4 | 40.4 | 40.4 | 40.5 | 40. | 40.9 | 41. | 41. |
| ≥ 10000 | 44.2 | 44.3 | 44.4 | 44.5 | 44.5 | 44.7 | 45. | 45.1 | 45.1 | 45.1 | 45.4 | 45. | 45.6 | 45.6 | 45.7 |
| ≥ 9000 | 49.1 | 49.2 | 49.3 | 49.4 | 49.5 | 49.9 | 50. | 50.1 | 50.1 | 50.1 | 50.4 | 50. | 50.6 | 50.6 | 50.7 |
| ≥ 8000 | 54.2 | 54.4 | 54.5 | 54.7 | 55.1 | 55. | 55.2 | 55. | 55.3 | 55.3 | 55.7 | 55.7 | 55.8 | 55.9 | 55.9 |
| ≥ 7000 | 58.3 | 58.7 | 58.8 | 58.9 | 59.3 | 59.5 | 59.6 | 59. | 59.6 | 59.6 | 59.9 | 59.9 | 60.0 | 60.0 | 60.1 |
| ≥ 6000 | 60.1 | 60.6 | 60.8 | 60.9 | 61.3 | 61.5 | 61.4 | 61.6 | 61.6 | 61.7 | 62.0 | 62. | 62.1 | 62.1 | 62.2 |
| ≥ 5000 | 64.9 | 64.3 | 64.7 | 64.8 | 65.3 | 65.3 | 65.4 | 65.6 | 65.6 | 65.7 | 66.0 | 66. | 66.1 | 66.1 | 66.2 |
| ≥ 4500 | 65.4 | 65.9 | 66.2 | 66.3 | 66.9 | 66.9 | 67. | 67.1 | 67.1 | 67.2 | 67.6 | 67.6 | 67.7 | 67.7 | 67.8 |
| ≥ 4000 | 68.6 | 69.7 | 69.9 | 69.1 | 69.8 | 69.9 | 69.9 | 70.1 | 70.1 | 70.2 | 70.6 | 70. | 70.7 | 70.7 | 70. |
| ≥ 3500 | 69.2 | 69.9 | 70.3 | 70.6 | 71.2 | 71.2 | 71.3 | 71.6 | 71.6 | 71.7 | 72.0 | 72. | 72.1 | 72.1 | 72.2 |
| ≥ 3000 | 71.1 | 72.4 | 72.9 | 73.3 | 74.1 | 74.1 | 74.2 | 74.4 | 74.4 | 74.7 | 75.0 | 75. | 75.1 | 75.1 | 75.2 |
| ≥ 2500 | 73.7 | 74.5 | 75. | 75.9 | 76.9 | 76.9 | 77. | 77.3 | 77.3 | 77.7 | 78.0 | 78. | 78.1 | 78.1 | 78. |
| ≥ 2000 | 74.7 | 75.5 | 77.4 | 78.4 | 80.0 | 80.4 | 80.6 | 81.2 | 81.2 | 81.6 | 81.9 | 81.9 | 82.0 | 82.0 | 82.1 |
| ≥ 1800 | 75.3 | 77.6 | 79. | 79.2 | 80. | 81.2 | 81.6 | 82.1 | 82.1 | 82.4 | 82.8 | 82.9 | 82.9 | 82.9 | 83. |
| ≥ 1500 | 76.1 | 78.6 | 79.3 | 80.4 | 82.1 | 82.6 | 83. | 83.9 | 83.9 | 84.2 | 84.6 | 84.5 | 84.8 | 84.8 | 84. |
| ≥ 1200 | 76.9 | 79.2 | 80.6 | 81.5 | 83.6 | 84.2 | 85.1 | 86.7 | 86.7 | 87.1 | 87.4 | 87.4 | 87.7 | 87.7 | 87.8 |
| ≥ 1000 | 77.1 | 80.3 | 81.2 | 82.6 | 84.7 | 85.1 | 86.1 | 87.7 | 87.9 | 88.4 | 89.1 | 89.1 | 89.3 | 89.3 | 89.4 |
| ≥ 900 | 77.2 | 80.7 | 81.6 | 82.9 | 85. | 85.4 | 86.4 | 88.2 | 88.4 | 89.0 | 89.9 | 89.9 | 90.2 | 90.2 | 90. |
| ≥ 800 | 77.2 | 80.7 | 81.6 | 82.9 | 85.1 | 85.6 | 86.6 | 88.3 | 88.7 | 89.3 | 90.7 | 90.7 | 91.1 | 91.1 | 91. |
| ≥ 700 | 77.7 | 81.6 | 82.4 | 83.9 | 86.1 | 86.6 | 87.6 | 89.6 | 89.9 | 90.6 | 92.0 | 92. | 92.4 | 92.6 | 92. |
| ≥ 600 | 78.2 | 81.9 | 83.0 | 84.7 | 87.0 | 87.4 | 88.6 | 90.6 | 90.9 | 91.9 | 93.3 | 93.6 | 94.1 | 94.2 | 94. |
| ≥ 500 | 78.2 | 82.4 | 83.7 | 85.7 | 88. | 88.4 | 89.6 | 91.7 | 92.1 | 93.1 | 94.6 | 94. | 95.3 | 95.4 | 95. |
| ≥ 400 | 78.4 | 82.8 | 84.0 | 86.3 | 88.7 | 89.1 | 90.2 | 92.3 | 92.8 | 93.8 | 95.4 | 95.7 | 96.3 | 96.4 | 96. |
| ≥ 300 | 78.4 | 83.0 | 84.2 | 86.3 | 89.2 | 89.8 | 90.9 | 93.1 | 93.6 | 94.6 | 96.2 | 96.4 | 97.1 | 97.2 | 97. |
| ≥ 200 | 78.4 | 83.0 | 84.2 | 86.6 | 89.3 | 89.9 | 91.4 | 93.7 | 94.2 | 95.4 | 97.2 | 97.4 | 98.3 | 98.4 | 98. |
| ≥ 100 | 78.4 | 83.0 | 84.2 | 86.6 | 89.3 | 89.9 | 91.4 | 93.8 | 94.3 | 95.8 | 97.6 | 97.8 | 98.7 | 98.8 | 99. |
| ≥ 0 | 78.4 | 83.0 | 84.2 | 86.6 | 89.3 | 89.9 | 91.4 | 93.8 | 94.3 | 95.8 | 97.6 | 97.8 | 98.7 | 98.8 | 99. |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-145-OL1

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252[illegible] PRINCE GEORGES COUNTY ART 57-65 [illegible]

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

[illegible]-1400

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 5.4 | 25.4 | 25.4 | 25.6 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 | 25.7 |
| ≥ 20000 | 31.7 | 31.7 | 31.7 | 31.8 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 31.9 | 32.0 | 32.0 |
| ≥ 18000 | 32.3 | 32.3 | 32.3 | 32.4 | 32.5 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.7 | 32.7 |
| ≥ 16000 | 33.4 | 33.4 | 33.4 | 33.6 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.7 | 33.8 | 33.8 |
| ≥ 14000 | 34.4 | 34.4 | 34.4 | 34.6 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.7 | 34.8 | 34.8 |
| ≥ 12000 | 36.7 | 36.7 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 37.0 | 37.0 |
| ≥ 10000 | 40.3 | 40.3 | 40.3 | 40.4 | 40.5 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.7 | 40.7 | 40.8 | 40.8 |
| ≥ 9000 | 45.4 | 45.5 | 45.5 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 | 45.8 | 45.9 | 45.9 |
| ≥ 8000 | 50.3 | 50.4 | 50.4 | 50.7 | 50.8 | 50.9 | 50.9 | 50.9 | 50.8 | 50.8 | 50.8 | 50.9 | 50.9 | 50.9 | 51.0 | 51.0 |
| ≥ 7000 | 54.9 | 55.0 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.4 | 55.6 | 55.6 | 55.7 | 55.7 |
| ≥ 6000 | 57.7 | 57.8 | 57.9 | 58.1 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.3 | 58.4 | 58.5 | 58.4 |
| ≥ 5000 | 62.6 | 62.9 | 63.1 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.4 | 63.4 | 63.6 | 63.6 |
| ≥ 4500 | 65.8 | 66.1 | 66.2 | 66.4 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.8 | 66.8 |
| ≥ 4000 | 68.4 | 68.8 | 69.1 | 69.3 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.7 | 69.7 |
| ≥ 3500 | 70.7 | 71.6 | 71.9 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.6 | 72.6 |
| ≥ 3000 | 73.8 | 74.5 | 75.1 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 |
| ≥ 2500 | 77.4 | 78.9 | 79.3 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 | 80.1 |
| ≥ 2000 | 79.3 | 81.3 | 81.9 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 |
| ≥ 1800 | 79.9 | 81.7 | 82.2 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 |
| ≥ 1500 | 80.1 | 82.1 | 82.6 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 |
| ≥ 1200 | 82.7 | 84.8 | 85.3 | 85.9 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 |
| ≥ 1000 | 84.3 | 86.4 | 86.9 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 |
| ≥ 900 | 84.7 | 86.8 | 87.3 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 |
| ≥ 800 | 84.7 | 86.8 | 87.3 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 |
| ≥ 700 | 85.4 | 87.5 | 88.0 | 88.6 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 |
| ≥ 600 | 87.7 | 89.8 | 90.3 | 90.9 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.3 | 91.3 |
| ≥ 500 | 92.3 | 94.5 | 95.0 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 400 | 93.4 | 95.7 | 96.2 | 96.8 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 300 | 94.6 | 96.9 | 97.4 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 200 | 94.6 | 96.9 | 97.4 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 100 | 94.6 | 96.9 | 97.4 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |
| ≥ 0 | 94.6 | 96.9 | 97.4 | 98.0 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 57-66 [illegible]

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

[illegible] 1200-1700

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 6.3 | 26.7 | 26.7 | 26.8 | 26.8 | 26.8 | 26.9 | 26.9 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.8 | 26.9 |
| ≥ 20000 | 31.5 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.6 | 31.7 |
| ≥ 18000 | 31.6 | 31.7 | 31.7 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.8 | 31.9 |
| ≥ 16000 | 32.5 | 32.4 | 32.4 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.7 |
| ≥ 14000 | 34.7 | 35.1 | 35.1 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.2 | 35.3 |
| ≥ 12000 | 36.6 | 37.0 | 37.0 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.1 | 37.2 |
| ≥ 10000 | 39.9 | 40.4 | 40.4 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.6 | 40.7 |
| ≥ 9000 | 44.4 | 45.0 | 45.0 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.1 | 45.2 | 45.2 | 45.2 | 45.4 |
| ≥ 8000 | 48.3 | 49.0 | 49.0 | 49.1 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.2 | 49.3 | 49.3 | 49.3 | 49.6 |
| ≥ 7000 | 52.1 | 52.9 | 52.9 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 | 53.4 |
| ≥ 6000 | 54.6 | 55.4 | 55.4 | 55.7 | 55.8 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 55.9 | 56.0 | 56.0 | 56.2 |
| ≥ 5000 | 59.6 | 60.7 | 60.8 | 61.0 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.3 | 61.3 | 61.3 | 61.5 |
| ≥ 4500 | 64.0 | 64.3 | 64.4 | 64.6 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.1 | 65.1 | 65.1 | 65.3 |
| ≥ 4000 | 65.6 | 67.3 | 67.4 | 67.9 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.8 |
| ≥ 3500 | 67.6 | 69.9 | 70.1 | 70.6 | 71.0 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.4 | 71.6 |
| ≥ 3000 | 69.3 | 71.8 | 72.0 | 72.4 | 72.9 | 73.0 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.3 | 73.3 | 73.5 | 73.8 |
| ≥ 2500 | 71.8 | 73.5 | 73.6 | 74.0 | 74.4 | 74.6 | 74.7 | 74.8 | 74.8 | 74.9 | 74.9 | 74.9 | 75.0 | 75.0 | 75.2 | 75.2 |
| ≥ 2000 | 73.4 | 75.7 | 77.0 | 77.5 | 78.2 | 78.7 | 79.1 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.2 | 80.2 | 80.2 | 80.4 |
| ≥ 1800 | 74.3 | 77.7 | 78.0 | 78.9 | 79.3 | 79.8 | 80.2 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 | 81.4 | 81.4 | 81.4 | 81.5 |
| ≥ 1500 | 74.7 | 78.4 | 78.8 | 80.0 | 80.7 | 81.4 | 82.1 | 82.9 | 83.0 | 83.3 | 83.4 | 83.4 | 83.7 | 83.7 | 83.7 | 83.8 |
| ≥ 1200 | 76.4 | 81.3 | 81.8 | 83.1 | 83.9 | 84.7 | 85.6 | 86.7 | 86.9 | 87.4 | 87.7 | 87.7 | 87.9 | 88.1 | 88.1 | 88.3 |
| ≥ 1000 | 77.1 | 82.3 | 83.0 | 84.3 | 85.1 | 85.9 | 86.9 | 88.3 | 89.0 | 89.9 | 90.4 | 90.4 | 90.7 | 90.9 | 90.9 | 91.1 |
| ≥ 900 | 77.6 | 83.2 | 83.8 | 85.1 | 86.1 | 86.9 | 88.0 | 89.6 | 90.2 | 91.3 | 91.9 | 92.1 | 92.3 | 92.6 | 92.6 | 92.8 |
| ≥ 800 | 77.6 | 83.2 | 84.0 | 85.3 | 86.3 | 87.2 | 88.4 | 90.0 | 90.7 | 92.0 | 93.0 | 93.2 | 93.4 | 93.7 | 93.7 | 94.0 |
| ≥ 700 | 77.7 | 83.7 | 84.4 | 85.8 | 86.8 | 87.7 | 88.9 | 90.4 | 91.1 | 92.6 | 93.6 | 93.9 | 94.4 | 94.7 | 94.7 | 94.9 |
| ≥ 600 | 78.1 | 84.1 | 84.9 | 86.3 | 87.6 | 88.4 | 89.8 | 91.3 | 92.0 | 93.4 | 94.6 | 95.0 | 95.7 | 95.9 | 95.9 | 96.1 |
| ≥ 500 | 78.6 | 85.1 | 85.9 | 87.3 | 88.8 | 89.7 | 91.0 | 92.6 | 93.2 | 94.7 | 95.8 | 96.4 | 97.1 | 97.3 | 97.4 | 97.7 |
| ≥ 400 | 78.7 | 85.3 | 86.2 | 87.7 | 89.1 | 90.2 | 91.7 | 93.2 | 93.9 | 95.3 | 96.4 | 97.1 | 97.8 | 98.1 | 98.2 | 98.4 |
| ≥ 300 | 78.7 | 85.3 | 86.3 | 88.0 | 89.6 | 90.4 | 92.1 | 93.8 | 94.4 | 95.9 | 97.0 | 97.8 | 98.3 | 98.7 | 99.0 | 99.1 |
| ≥ 200 | 78.7 | 85.3 | 86.3 | 88.1 | 89.8 | 90.7 | 92.4 | 94.1 | 94.8 | 96.3 | 97.6 | 98.1 | 98.9 | 99.2 | 99.5 | 100.0 |
| ≥ 100 | 78.7 | 85.3 | 86.3 | 88.0 | 89.8 | 90.7 | 92.4 | 94.1 | 94.8 | 96.3 | 97.6 | 98.1 | 98.9 | 99.2 | 99.5 | 100.0 |
| ≥ 0 | 78.7 | 85.3 | 86.3 | 88.0 | 89.8 | 90.7 | 92.4 | 94.1 | 94.8 | 96.3 | 97.6 | 98.1 | 98.9 | 99.2 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 300

USAF ETAC [illegible] 0-145-OL1 [illegible]

DATA PR[illegible] DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEARS

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

1400-2000 HOURS

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | [illegible].9 | 29.1 | 29.3 | 29.4 | 29.6 | 29.7 | 29.8 | 29.9 | 29.9 | 29.9 | 30.1 | 30.1 | 30.3 | 30.3 | 30.3 | 30.3 |
| ≥ 20000 | 31.2 | 31.5 | 31.7 | 31.9 | 32.1 | 32.1 | 32.2 | 32.3 | 32.3 | 32.3 | 32.6 | 32.6 | 32.8 | 32.8 | 32.8 | 32.8 |
| ≥ 18000 | 31.2 | 31.5 | 31.7 | 31.9 | 32.1 | 32.1 | 32.2 | 32.3 | 32.3 | 32.3 | 32.6 | 32.6 | 32.8 | 32.8 | 32.8 | 32.8 |
| ≥ 16000 | 32.0 | 32.3 | 32.7 | 32.8 | 32.9 | 33.0 | 33.1 | 33.2 | 33.2 | 33.2 | 33.4 | 33.4 | 33.7 | 33.7 | 33.7 | 33.7 |
| ≥ 14000 | 34.1 | 34.7 | 35.1 | 35.1 | 35.2 | 35.3 | 35.4 | 35.6 | 35.6 | 35.6 | 35.8 | 35.9 | 36.0 | 36.0 | 36.0 | 36.0 |
| ≥ 12000 | 37.1 | 37.8 | 38.1 | 38.2 | 38.3 | 38.4 | 38.6 | 38.7 | 38.7 | 38.7 | 38.9 | 38.9 | 39.1 | 39.1 | 39.1 | 39.1 |
| ≥ 10000 | 41.1 | 42.1 | 42.4 | 42.6 | 42.7 | 42.8 | 42.9 | 43.0 | 43.0 | 43.0 | 43.2 | 43.2 | 43.4 | 43.4 | 43.4 | 43.4 |
| ≥ 9000 | 44.1 | 45.1 | 45.4 | 45.6 | 45.7 | 45.8 | 45.9 | 46.0 | 46.0 | 46.0 | 46.2 | 46.2 | 46.6 | 46.6 | 46.6 | 46.6 |
| ≥ 8000 | 46.2 | 47.3 | 47.8 | 47.9 | 48.0 | 48.1 | 48.2 | 48.3 | 48.3 | 48.3 | 48.6 | 48.6 | 48.9 | 48.9 | 48.9 | 48.9 |
| ≥ 7000 | 52.1 | 53.2 | 53.7 | 53.8 | 53.9 | 54.0 | 54.3 | 54.5 | 54.6 | 54.7 | 54.9 | 54.9 | 55.2 | 55.2 | 55.2 | 55.2 |
| ≥ 6000 | 53.8 | 55.0 | 55.4 | 55.6 | 55.8 | 56.1 | 56.2 | 56.4 | 56.4 | 56.6 | 56.8 | 56.8 | 57.1 | 57.1 | 57.1 | 57.1 |
| ≥ 5000 | 58.6 | 60.1 | 60.7 | 60.8 | 61.0 | 61.3 | 61.4 | 61.7 | 61.7 | 61.8 | 62.0 | 62.0 | 62.3 | 62.3 | 62.3 | 62.3 |
| ≥ 4500 | 62.3 | 63.8 | 64.2 | 64.3 | 64.5 | 64.8 | 64.9 | 65.2 | 65.2 | 65.3 | 65.5 | 65.5 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 4000 | 63.7 | 64.9 | 65.6 | 65.8 | 66.0 | 66.3 | 66.4 | 66.7 | 66.7 | 66.8 | 67.0 | 67.0 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 3500 | 64.7 | 65.9 | 66.6 | 66.8 | 67.0 | 67.3 | 67.4 | 67.7 | 67.7 | 67.8 | 68.0 | 68.0 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 3000 | 66.6 | 67.8 | 68.1 | 68.3 | 68.5 | 68.8 | 68.9 | 69.2 | 69.2 | 69.3 | 69.5 | 69.5 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 2500 | 67.0 | 68.3 | 68.6 | 68.8 | 69.1 | 69.4 | 69.5 | 69.8 | 69.8 | 69.9 | 70.1 | 70.1 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 2000 | 69.1 | 70.3 | 70.6 | 70.8 | 71.1 | 71.4 | 71.5 | 71.8 | 71.8 | 71.9 | 72.1 | 72.1 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 1800 | 70.2 | 71.4 | 71.7 | 71.9 | 72.2 | 72.5 | 72.6 | 72.9 | 72.9 | 73.0 | 73.2 | 73.2 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 1500 | 71.1 | 72.3 | 72.6 | 72.8 | 73.1 | 73.4 | 73.5 | 73.8 | 73.8 | 73.9 | 74.1 | 74.1 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 1200 | 73.1 | 74.3 | 74.6 | 74.8 | 75.1 | 75.4 | 75.5 | 75.8 | 75.8 | 75.9 | 76.1 | 76.1 | 76.4 | 76.4 | 76.4 | 76.4 |
| ≥ 1000 | 73.4 | 74.6 | 74.9 | 75.1 | 75.4 | 75.7 | 75.8 | 76.1 | 76.1 | 76.2 | 76.4 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 900 | 73.9 | 75.1 | 75.4 | 75.6 | 75.9 | 76.2 | 76.3 | 76.6 | 76.6 | 76.7 | 76.9 | 76.9 | 77.2 | 77.2 | 77.2 | 77.2 |
| ≥ 800 | 74.2 | 75.4 | 75.7 | 75.9 | 76.2 | 76.5 | 76.6 | 76.9 | 76.9 | 77.0 | 77.2 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 700 | 74.2 | 75.4 | 75.7 | 75.9 | 76.2 | 76.5 | 76.6 | 76.9 | 76.9 | 77.0 | 77.2 | 77.2 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 600 | 74.6 | 75.8 | 76.1 | 76.3 | 76.6 | 76.9 | 77.0 | 77.3 | 77.3 | 77.4 | 77.6 | 77.6 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 500 | 74.7 | 75.9 | 76.3 | 76.5 | 76.8 | 77.1 | 77.2 | 77.5 | 77.5 | 77.6 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 400 | 74.7 | 75.9 | 76.3 | 76.5 | 76.8 | 77.1 | 77.2 | 77.5 | 77.5 | 77.6 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 300 | 74.7 | 75.9 | 76.3 | 76.5 | 76.8 | 77.1 | 77.2 | 77.5 | 77.5 | 77.6 | 77.8 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 200 | 74.7 | 76.0 | 76.4 | 76.6 | 76.9 | 77.2 | 77.3 | 77.6 | 77.6 | 77.7 | 77.9 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 100 | 74.7 | 76.0 | 76.4 | 76.6 | 76.9 | 77.2 | 77.3 | 77.6 | 77.6 | 77.7 | 77.9 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 0 | 74.7 | 76.0 | 76.4 | 76.6 | 76.9 | 77.2 | 77.3 | 77.6 | 77.6 | 77.7 | 77.9 | 77.9 | 78.2 | 78.2 | 78.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]00

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

252nd [illegible] GROUP [illegible] [illegible] 57-66
(STATION) (YEARS)

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

2100-2300
(HOURS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 32.1 | 32.2 | 32.3 | 32.4 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 32.6 | 33.2 | 33.3 | 33.3 | 33.4 |
| ≥ 20000 | 34.1 | 34.2 | 34.3 | 34.4 | 34.6 | 34.6 | 34.6 | 34.6 | 34.6 | 34.7 | 34.7 | 34.8 | 35.3 | 35.4 | 35.4 | 35.7 |
| ≥ 18000 | 34.7 | 34.8 | 34.9 | 35.0 | 35.1 | 35.1 | 35.1 | 35.1 | 35.1 | 35.2 | 35.2 | 35.4 | 35.9 | 36.0 | 36.0 | 36.2 |
| ≥ 16000 | 35.0 | 35.1 | 35.2 | 35.3 | 35.4 | 35.4 | 35.4 | 35.4 | 35.4 | 35.6 | 35.6 | 35.8 | 36.2 | 36.3 | 36.3 | 36.6 |
| ≥ 14000 | 35.9 | 36.0 | 36.1 | 36.2 | 36.3 | 36.3 | 36.3 | 36.3 | 36.3 | 36.4 | 36.4 | 36.7 | 37.1 | 37.2 | 37.2 | 37.4 |
| ≥ 12000 | 37.8 | 37.9 | 38.0 | 38.1 | 38.2 | 38.2 | 38.2 | 38.2 | 38.2 | 38.3 | 38.3 | 38.5 | 39.0 | 39.1 | 39.1 | 39.3 |
| ≥ 10000 | 40.8 | 41.0 | 41.1 | 41.2 | 41.3 | 41.3 | 41.3 | 41.3 | 41.3 | 41.4 | 41.6 | 41.7 | 42.2 | 42.3 | 42.3 | 42.5 |
| ≥ 9000 | 44.9 | 45.3 | 45.4 | 45.6 | 45.7 | 45.7 | 45.7 | 45.7 | 45.7 | 45.8 | 45.9 | 46.1 | 46.6 | 46.7 | 46.7 | 46.9 |
| ≥ 8000 | 47.1 | 47.7 | 47.8 | 48.0 | 48.1 | 48.1 | 48.1 | 48.1 | 48.1 | 48.2 | 48.3 | 48.5 | 49.0 | 49.1 | 49.1 | 49.3 |
| ≥ 7000 | 52.7 | 53.2 | 53.3 | 53.6 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 54.0 | 54.2 | 54.7 | 54.8 | 54.8 | 55.0 |
| ≥ 6000 | 54.1 | 54.8 | 54.9 | 55.1 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.4 | 55.6 | 55.8 | 56.2 | 56.3 | 56.3 | 56.5 |
| ≥ 5000 | 58.1 | 59.2 | 59.6 | 59.8 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.2 | 60.3 | 60.6 | 61.0 | 61.1 | 61.1 | 61.3 |
| ≥ 4500 | 59.9 | 61.1 | 61.6 | 61.6 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.2 | 62.3 | 62.6 | 63.0 | 63.1 | 63.1 | 63.3 |
| ≥ 4000 | 62.6 | 64.2 | 64.7 | 64.9 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.4 | 65.6 | 65.8 | 66.2 | 66.3 | 66.3 | 66.6 |
| ≥ 3500 | 64.1 | 65.8 | 66.3 | 66.7 | 67.0 | 67.1 | 67.1 | 67.2 | 67.2 | 67.4 | 67.7 | 68.0 | 68.4 | 68.6 | 68.6 | 68.9 |
| ≥ 3000 | 68.7 | 69.2 | 69.0 | 69.7 | 70.4 | 70.7 | 70.8 | 70.9 | 70.9 | 71.2 | 71.4 | 71.8 | 72.2 | 72.3 | 72.3 | 72.7 |
| ≥ 2500 | 70.6 | 69.7 | 70.6 | 71.2 | 72.2 | 72.4 | 72.7 | 72.9 | 73.0 | 73.3 | 73.6 | 73.9 | 74.3 | 74.4 | 74.4 | 74.8 |
| ≥ 2000 | 73.2 | 73.8 | 73.8 | 74.7 | 75.6 | 76.1 | 76.9 | 77.1 | 77.2 | 77.7 | 77.9 | 78.2 | 78.7 | 78.9 | 78.9 | 79.2 |
| ≥ 1800 | 75.1 | 75.9 | 74.9 | 76.1 | 77.3 | 77.8 | 79.0 | 79.3 | 79.6 | 80.0 | 80.2 | 80.5 | 81.0 | 81.2 | 81.2 | 81.5 |
| ≥ 1500 | 75.6 | 76.4 | 76.1 | 77.5 | 79.3 | 79.9 | 81.4 | 82.5 | 82.8 | 83.7 | 83.9 | 84.1 | 84.7 | 84.9 | 84.9 | 85.2 |
| ≥ 1200 | 77.0 | 78.3 | 77.9 | 79.6 | 81.2 | 81.8 | 83.3 | 84.9 | 85.6 | 87.3 | 87.6 | 87.9 | 88.3 | 88.6 | 88.6 | 88.9 |
| ≥ 1000 | 77.4 | 77.4 | 78.0 | 80.2 | 81.9 | 82.4 | 84.0 | 85.6 | 86.2 | 88.2 | 88.7 | 89.0 | 89.6 | 89.8 | 89.8 | 90.1 |
| ≥ 900 | 77.8 | 78.4 | 79.6 | 81.2 | 82.9 | 83.4 | 85.1 | 86.8 | 87.4 | 89.7 | 90.1 | 90.4 | 91.2 | 91.4 | 91.4 | 91.7 |
| ≥ 800 | 77.8 | 78.7 | 79.8 | 81.6 | 83.3 | 83.9 | 85.6 | 87.4 | 88.1 | 90.3 | 90.9 | 91.4 | 92.0 | 92.2 | 92.2 | 92.6 |
| ≥ 700 | 78.1 | 79.1 | 80.2 | 82.0 | 83.8 | 84.3 | 86.1 | 88.0 | 88.7 | 90.9 | 91.4 | 92.0 | 92.7 | 92.9 | 92.9 | 93.2 |
| ≥ 600 | 78.4 | 79.8 | 80.9 | 83.0 | 84.8 | 85.3 | 87.2 | 89.1 | 89.8 | 92.0 | 92.7 | 93.2 | 93.9 | 94.1 | 94.1 | 94.4 |
| ≥ 500 | 78.4 | 79.9 | 81.1 | 83.3 | 85.1 | 85.7 | 87.6 | 89.4 | 90.1 | 92.3 | 93.1 | 93.7 | 94.4 | 94.7 | 94.7 | 95.1 |
| ≥ 400 | 78.4 | 80.0 | 81.1 | 83.4 | 85.2 | 85.8 | 87.7 | 89.6 | 90.2 | 92.6 | 93.4 | 94.0 | 94.8 | 95.0 | 95.1 | 95.5 |
| ≥ 300 | 78.6 | 80.1 | 81.2 | 83.7 | 85.4 | 86.0 | 87.9 | 89.9 | 90.6 | 93.0 | 94.0 | 94.6 | 95.3 | 95.7 | 95.8 | 96.2 |
| ≥ 200 | 78.6 | 80.1 | 81.2 | 83.7 | 85.4 | 86.0 | 87.9 | 89.9 | 90.6 | 93.0 | 94.0 | 94.7 | 95.6 | 95.9 | 96.0 | 97.2 |
| ≥ 100 | 78.6 | 80.1 | 81.2 | 83.7 | 85.7 | 86.2 | 88.4 | 90.7 | 91.6 | 94.2 | 95.8 | 96.4 | 97.3 | 97.7 | 98.0 | 99.2 |
| ≥ 0 | 78.6 | 80.1 | 81.2 | 83.7 | 85.7 | 86.2 | 88.4 | 90.7 | 91.6 | 94.2 | 95.8 | 96.4 | 97.3 | 97.7 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] 57-66

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

0000-0700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥⅞ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 28.7 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 29.0 | 29.2 | 29.4 | 29.6 | 29.6 | 29.6 | 29.7 |
| ≥ 20000 | 30.5 | 30.9 | 31.0 | 31.1 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.7 | 31.9 | 32.1 | 32.3 | 32.3 | 32.3 | 32.4 |
| ≥ 18000 | 31.2 | 31.2 | 31.3 | 31.4 | 31.7 | 31.7 | 31.7 | 31.7 | 31.7 | 32.0 | 32.3 | 32.4 | 32.6 | 32.6 | 32.6 | 32.7 |
| ≥ 16000 | 31.4 | 31.7 | 31.8 | 31.9 | 32.3 | 32.3 | 32.4 | 32.3 | 32.3 | 32.6 | 32.8 | 32.9 | 33.1 | 33.1 | 33.1 | 33.2 |
| ≥ 14000 | 32.6 | 32.9 | 33.0 | 33.1 | 33.4 | 33.4 | 33.4 | 33.4 | 33.4 | 33.8 | 34.0 | 34.1 | 34.3 | 34.3 | 34.3 | 34.4 |
| ≥ 12000 | 36.5 | 36.8 | 36.9 | 37.2 | 37.3 | 37.3 | 37.3 | 37.3 | 37.3 | 37.6 | 37.8 | 38.1 | 38.2 | 38.2 | 38.2 | 38.3 |
| ≥ 10000 | 41.0 | 41.4 | 41.5 | 41.6 | 42.0 | 42.0 | 42.2 | 42.3 | 42.3 | 42.7 | 42.9 | 43.1 | 43.2 | 43.2 | 43.2 | 43.3 |
| ≥ 9000 | 43.4 | 43.9 | 44.1 | 44.2 | 44.7 | 44.7 | 45.1 | 45.2 | 45.2 | 45.6 | 45.9 | 46.1 | 46.2 | 46.2 | 46.2 | 46.3 |
| ≥ 8000 | 47.8 | 48.5 | 48.7 | 48.8 | 49.3 | 49.3 | 49.9 | 50.0 | 50.0 | 50.4 | 50.8 | 50.9 | 51.2 | 51.2 | 51.3 | 51.5 |
| ≥ 7000 | 54.2 | 54.9 | 54.2 | 54.3 | 55.1 | 55.1 | 55.4 | 55.5 | 55.5 | 55.9 | 56.2 | 56.3 | 56.7 | 56.7 | 56.8 | 57.1 |
| ≥ 6000 | 55.6 | 55.9 | 56.3 | 56.5 | 57.2 | 57.2 | 57.5 | 57.6 | 57.6 | 58.2 | 58.5 | 58.6 | 58.9 | 58.9 | 59.0 | 59.2 |
| ≥ 5000 | 58.9 | 60.0 | 60.5 | 60.9 | 61.6 | 61.6 | 61.9 | 62.0 | 62.0 | 62.6 | 62.9 | 63.0 | 63.3 | 63.5 | 63.7 | 63.9 |
| ≥ 4500 | 61.5 | 62.8 | 63.4 | 64.0 | 64.5 | 64.9 | 65.3 | 65.4 | 65.4 | 65.9 | 66.2 | 66.3 | 66.7 | 66.9 | 67.1 | 67.2 |
| ≥ 4000 | 64.9 | 66.5 | 67.2 | 68.0 | 69.0 | 69.2 | 69.6 | 69.7 | 69.7 | 70.2 | 70.5 | 70.7 | 71.0 | 71.2 | 71.3 | 71.5 |
| ≥ 3500 | 66.5 | 67.1 | 69.1 | 70.2 | 71.6 | 71.9 | 72.4 | 72.5 | 72.5 | 73.0 | 73.3 | 73.4 | 73.8 | 74.0 | 74.1 | 74.3 |
| ≥ 3000 | 68.8 | 70.1 | 71.4 | 72.8 | 74.3 | 74.7 | 75.3 | 75.5 | 75.5 | 76.0 | 76.3 | 76.5 | 76.8 | 77.0 | 77.1 | 77.3 |
| ≥ 2500 | 69.1 | 71.7 | 73.0 | 74.5 | 76.0 | 76.5 | 77.0 | 77.3 | 77.3 | 77.8 | 78.2 | 78.3 | 78.6 | 78.8 | 78.9 | 79.1 |
| ≥ 2000 | 71.4 | 74.5 | 76.3 | 77.8 | 79.4 | 79.9 | 80.9 | 81.3 | 81.3 | 81.8 | 82.2 | 82.3 | 82.6 | 82.8 | 82.9 | 83.1 |
| ≥ 1800 | 72.0 | 75.5 | 77.4 | 78.9 | 80.5 | 81.1 | 82.2 | 82.6 | 82.6 | 83.3 | 83.7 | 83.8 | 84.1 | 84.3 | 84.4 | 84.6 |
| ≥ 1500 | 73.1 | 77.0 | 79.0 | 80.6 | 82.7 | 83.4 | 84.4 | 85.5 | 85.5 | 86.5 | 86.9 | 87.0 | 87.3 | 87.5 | 87.6 | 87.8 |
| ≥ 1200 | 74.1 | 78.1 | 80.3 | 82.5 | 84.8 | 85.5 | 86.6 | 88.0 | 88.1 | 89.2 | 89.7 | 89.8 | 90.1 | 90.3 | 90.4 | 90.6 |
| ≥ 1000 | 74.7 | 78.8 | 81.2 | 83.7 | 86.1 | 86.8 | 88.1 | 89.5 | 89.7 | 91.4 | 91.9 | 92.0 | 92.4 | 92.6 | 92.7 | 92.9 |
| ≥ 900 | 75.3 | 79.7 | 82.3 | 84.5 | 87.0 | 87.6 | 88.9 | 90.3 | 90.5 | 92.3 | 93.0 | 93.1 | 93.4 | 93.7 | 93.8 | 94.0 |
| ≥ 800 | 75.6 | 79.9 | 82.3 | 84.9 | 87.5 | 88.2 | 89.5 | 90.9 | 91.1 | 92.9 | 93.8 | 93.9 | 94.2 | 94.4 | 94.5 | 94.7 |
| ≥ 700 | 75.8 | 80.1 | 82.6 | 85.3 | 87.8 | 88.5 | 89.9 | 91.3 | 91.5 | 93.3 | 94.3 | 94.4 | 94.7 | 94.9 | 95.1 | 95.2 |
| ≥ 600 | 76.1 | 80.5 | 83.1 | 85.8 | 88.4 | 89.0 | 90.4 | 91.8 | 92.0 | 93.9 | 94.8 | 94.9 | 95.3 | 95.5 | 95.6 | 95.8 |
| ≥ 500 | 76.7 | 81.4 | 84.0 | 86.7 | 89.2 | 89.9 | 91.3 | 92.7 | 92.9 | 94.7 | 95.7 | 95.9 | 96.2 | 96.5 | 96.6 | 96.7 |
| ≥ 400 | 76.7 | 81.7 | 84.3 | 87.0 | 89.6 | 90.2 | 91.9 | 93.3 | 93.5 | 95.4 | 96.3 | 96.6 | 96.9 | 97.1 | 97.2 | 97.4 |
| ≥ 300 | 76.7 | 81.8 | 84.4 | 87.1 | 89.7 | 90.3 | 92.0 | 93.4 | 93.7 | 95.6 | 96.6 | 96.8 | 97.1 | 97.3 | 97.4 | 97.6 |
| ≥ 200 | 76.8 | 82.0 | 84.6 | 87.3 | 89.9 | 90.5 | 92.3 | 93.7 | 93.9 | 95.8 | 96.9 | 97.1 | 97.5 | 97.7 | 97.8 | 98.0 |
| ≥ 100 | 76.8 | 82.2 | 84.7 | 87.4 | 90.3 | 91.0 | 92.7 | 94.1 | 94.4 | 96.9 | 98.0 | 98.2 | 98.6 | 98.8 | 99.0 | 99.2 |
| ≥ 0 | 76.8 | 82.3 | 84.8 | 87.5 | 90.4 | 91.1 | 92.8 | 94.8 | 95.2 | 97.1 | 98.2 | 98.4 | 98.8 | 99.0 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING SYSTEM
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] PRICE GEORGE [illegible] 57-66
STATION NAME YEARS

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

[illegible]-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 | [illegible].4 | [illegible] | 28.9 | 29.1 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.5 | 29.[illegible] | 29.[illegible] | [illegible].4 | [illegible].4 | 30.[illegible] | [illegible] |
| ≥ 20000 | [illegible].6 | 30.0 | 30.1 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 31.0 | 31.[illegible] | 31.6 | 31.6 | 31.[illegible] | 31.5 |
| ≥ 18000 | [illegible].7 | 30.1 | 30.2 | 30.4 | 30.5 | 30.5 | 30.5 | 30.5 | 30.5 | 30.8 | 31.1 | 31.1 | 31.7 | 31.7 | 31.[illegible] | 31.9 |
| ≥ 16000 | [illegible].4 | [illegible].9 | 31.0 | 31.2 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.5 | 31.[illegible] | 31.[illegible] | 32.5 | 32.5 | 32.7 | 32.7 |
| ≥ 14000 | 31.2 | 31.7 | 31.[illegible] | 32.[illegible] | 32.2 | 32.2 | 32.2 | 32.2 | 32.2 | 32.4 | 32.7 | 32.7 | 33.3 | 33.3 | 33.[illegible] | 33.5 |
| ≥ 12000 | 33.[illegible] | 34.1 | 34.[illegible] | 34.4 | 34.5 | 34.[illegible] | 34.5 | 34.5 | 34.5 | 34.7 | 35.1 | 35.1 | 35.7 | 35.7 | 35.[illegible] | 35.[illegible] |
| ≥ 10000 | 39.[illegible] | 40.6 | 40.9 | 41.1 | 41.2 | 41.2 | 41.2 | 41.2 | 41.2 | 41.4 | 41.7 | 41.7 | 42.4 | 42.4 | 42.[illegible] | 42.6 |
| ≥ 9000 | [illegible].4 | 44.3 | 44.6 | 44.8 | 44.9 | 44.9 | 44.9 | 44.9 | 44.9 | 45.2 | 45.5 | 45.5 | 46.1 | 46.1 | 46.3 | 46.3 |
| ≥ 8000 | 47.5 | 48.6 | 48.9 | 49.[illegible] | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.6 | 49.9 | 49.9 | [illegible].6 | [illegible].6 | 50.[illegible] | 50.9 |
| ≥ 7000 | 52.2 | 53.4 | 53.8 | 54.1 | 54.2 | 54.2 | 54.2 | 54.2 | 54.2 | 54.4 | 54.7 | 54.7 | 55.5 | 55.5 | 55.7 | 55.7 |
| ≥ 6000 | 56.7 | 58.1 | 58.4 | 58.7 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.1 | 59.5 | 59.5 | 59.7 | 59.7 | 59.[illegible] | 59.[illegible] |
| ≥ 5000 | 57.8 | 59.4 | 59.7 | 60.1 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.8 | 61.1 | 61.1 | 61.8 | 62.0 | 62.3 | 62.3 |
| ≥ 4500 | 60.4 | 62.5 | 62.9 | 63.3 | 63.5 | 63.5 | 63.7 | 63.7 | 63.7 | 64.0 | 64.3 | 64.3 | 65.1 | 65.3 | 65.5 | 65.5 |
| ≥ 4000 | 63.9 | 66.3 | 66.6 | 67.2 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 68.0 | 68.3 | 68.3 | 69.0 | 69.2 | 69.[illegible] | 69.[illegible] |
| ≥ 3500 | 68.6 | 69.8 | 69.5 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 71.1 | 71.4 | 71.4 | 72.2 | 72.4 | 72.[illegible] | 72.[illegible] |
| ≥ 3000 | 69.1 | 71.7 | 72.[illegible] | 72.9 | 73.0 | 73.9 | 74.1 | 74.1 | 74.1 | 74.4 | 74.7 | 74.7 | 75.5 | 75.7 | 75.9 | 75.9 |
| ≥ 2500 | 69.5 | 73.8 | 74.0 | 75.7 | 77.0 | 77.2 | 77.5 | 77.5 | 77.5 | 78.1 | 78.4 | 78.4 | 79.1 | 79.4 | 79.[illegible] | 79.4 |
| ≥ 2000 | 70.2 | 75.1 | 76.0 | 77.1 | 78.8 | 79.0 | 79.5 | 79.5 | 79.7 | 80.2 | 80.5 | 80.5 | 81.3 | 81.5 | 81.7 | 81.7 |
| ≥ 1800 | 70.5 | 75.4 | 76.3 | 77.5 | 79.5 | 79.8 | 80.3 | 80.4 | 80.6 | 81.2 | 81.5 | 81.5 | 82.3 | 82.5 | 82.7 | 82.7 |
| ≥ 1500 | 71.8 | 76.9 | 78.[illegible] | 79.4 | 81.7 | 82.[illegible] | 83.1 | 83.[illegible] | 84.1 | 84.7 | 85.2 | 85.2 | 85.9 | 86.1 | 86.3 | 86.3 |
| ≥ 1200 | 72.9 | 78.4 | 80.1 | 81.6 | 84.3 | 84.6 | 85.7 | 86.5 | 86.8 | 88.0 | 88.4 | 88.4 | 89.1 | 89.4 | 89.6 | 89.6 |
| ≥ 1000 | 74.1 | 79.8 | 81.8 | 83.4 | 86.1 | 86.5 | 87.5 | 88.4 | 88.8 | 90.2 | 90.8 | 90.9 | 91.6 | 91.8 | 92.[illegible] | 92.[illegible] |
| ≥ 900 | 75.1 | 80.9 | 83.0 | 84.6 | 87.3 | 87.6 | 88.9 | 89.8 | 90.2 | 91.6 | 92.2 | 92.3 | 93.0 | 93.2 | 93.4 | 93.4 |
| ≥ 800 | 75.5 | 81.3 | 83.5 | 85.3 | 88.1 | 88.4 | 89.7 | 90.5 | 91.0 | 92.4 | 93.1 | 93.2 | 94.0 | 94.2 | 94.4 | 94.4 |
| ≥ 700 | 75.6 | 81.4 | 83.7 | 85.4 | 88.2 | 88.5 | 89.8 | 90.6 | 91.1 | 92.5 | 93.3 | 93.4 | 94.2 | 94.4 | 94.[illegible] | 94.6 |
| ≥ 600 | 75.7 | 81.7 | 84.1 | 85.8 | 88.7 | 89.0 | 90.3 | 91.2 | 91.6 | 93.0 | 93.9 | 94.[illegible] | 94.7 | 95.1 | 95.3 | 95.3 |
| ≥ 500 | 75.9 | 82.0 | 84.4 | 86.2 | 89.1 | 89.5 | 90.8 | 91.6 | 92.0 | 93.4 | 94.3 | 94.4 | 95.2 | 95.5 | 95.7 | 95.7 |
| ≥ 400 | 76.2 | 82.6 | 85.1 | 86.9 | 89.8 | 90.1 | 91.6 | 92.5 | 92.9 | 94.3 | 95.2 | 95.3 | 96.0 | 96.3 | 96.[illegible] | 96.[illegible] |
| ≥ 300 | 76.2 | 82.7 | 85.3 | 87.2 | 90.1 | 90.6 | 92.3 | 93.1 | 93.5 | 95.2 | 96.0 | 96.1 | 97.0 | 97.3 | 97.5 | 97.5 |
| ≥ 200 | 76.3 | 82.8 | 85.5 | 87.6 | 90.5 | 91.1 | 92.9 | 93.[illegible] | 94.2 | 95.8 | 96.8 | 96.9 | 97.7 | 98.1 | 98.[illegible] | 98.4 |
| ≥ 100 | 76.3 | 82.8 | 85.6 | 87.8 | 90.9 | 91.4 | 93.3 | 94.5 | 94.9 | 96.6 | 97.6 | 97.7 | 98.7 | 99.[illegible] | 99.4 | 99.4 |
| ≥ 0 | 76.3 | 82.8 | 85.6 | 87.8 | 90.9 | 91.4 | 93.7 | 94.[illegible] | 95.1 | 96.7 | 97.7 | 97.[illegible] | 98.8 | 99.1 | 99.[illegible] | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

[illegible] SINGLE STATION [illegible] 57-66 [illegible]
(STATION) (STATION NAME) (YEARS) (MONTH)

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

0400-0700

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 6.6 | 26.8 | 26.9 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.0 | 27.4 | 27.4 |
| ≥ 20000 | 28.4 | 28.6 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 | 28.9 | 29.4 | 29.4 |
| ≥ 18000 | 28.7 | 28.9 | 29.0 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.2 | 29.2 | 29.2 | 29.2 | 29.2 | 29.7 | 29.7 |
| ≥ 16000 | 9.5 | 29.7 | 29.8 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.0 | 30.4 | 30.4 |
| ≥ 14000 | 31.9 | 31.1 | 31.2 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.3 | 31.4 | 31.4 | 31.4 | 31.4 | 31.4 | 31.9 | 31.9 |
| ≥ 12000 | 32.8 | 33.0 | 33.1 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.2 | 33.3 | 33.3 | 33.3 | 33.3 | 33.3 | 33.8 | 33.8 |
| ≥ 10000 | 38.8 | 39.0 | 39.1 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.2 | 39.4 | 39.4 | 39.4 | 39.4 | 39.4 | 39.9 | 39.9 |
| ≥ 9000 | 42.4 | 43.1 | 43.2 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.4 | 43.4 | 43.9 | 43.9 |
| ≥ 8000 | 45.6 | 46.3 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 46.6 | 47.1 | 47.1 |
| ≥ 7000 | 51.5 | 52.2 | 52.3 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.4 | 52.5 | 52.5 | 52.5 | 52.5 | 52.5 | 53.0 | 53.0 |
| ≥ 6000 | 54.9 | 55.8 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.6 | 56.6 |
| ≥ 5000 | 58.4 | 59.7 | 59.8 | 60.0 | 60.2 | 60.2 | 60.2 | 60.2 | 60.2 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.9 | 60.9 |
| ≥ 4500 | 59.9 | 61.2 | 61.3 | 61.6 | 62.0 | 62.0 | 62.0 | 62.0 | 62.2 | 62.4 | 62.4 | 62.4 | 62.4 | 62.5 | 62.9 | 62.9 |
| ≥ 4000 | 63.5 | 65.4 | 65.8 | 66.1 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 67.1 | 67.1 | 67.1 | 67.1 | 67.2 | 67.6 | 67.6 |
| ≥ 3500 | 65.9 | 68.2 | 68.7 | 69.4 | 70.0 | 70.1 | 70.1 | 70.1 | 70.2 | 70.4 | 70.4 | 70.4 | 70.4 | 70.5 | 71.0 | 71.0 |
| ≥ 3000 | 67.7 | 70.5 | 71.5 | 72.6 | 73.3 | 73.4 | 73.7 | 73.7 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.1 | 74.5 | 74.5 |
| ≥ 2500 | 69.2 | 73.3 | 74.3 | 75.7 | 77.1 | 77.4 | 77.6 | 77.6 | 77.8 | 78.2 | 78.2 | 78.2 | 78.2 | 78.3 | 78.7 | 78.7 |
| ≥ 2000 | 70.9 | 75.6 | 76.8 | 78.3 | 79.9 | 80.3 | 81.3 | 81.3 | 81.7 | 82.6 | 82.7 | 82.7 | 82.7 | 82.8 | 83.2 | 83.2 |
| ≥ 1800 | 71.2 | 76.0 | 77.3 | 78.9 | 80.5 | 81.3 | 82.3 | 82.5 | 82.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.9 | 84.3 | 84.3 |
| ≥ 1500 | 72.2 | 77.0 | 78.5 | 80.4 | 82.4 | 82.6 | 84.4 | 84.8 | 85.2 | 86.6 | 86.7 | 86.7 | 86.7 | 86.8 | 87.2 | 87.2 |
| ≥ 1200 | 72.9 | 78.2 | 79.9 | 82.0 | 84.0 | 84.4 | 86.0 | 86.7 | 87.1 | 88.6 | 88.8 | 88.8 | 88.8 | 88.9 | 89.4 | 89.4 |
| ≥ 1000 | 73.7 | 79.0 | 80.8 | 83.1 | 85.1 | 85.5 | 87.1 | 87.8 | 88.3 | 89.9 | 90.4 | 90.4 | 90.5 | 90.6 | 91.1 | 91.1 |
| ≥ 900 | 74.8 | 80.4 | 82.3 | 84.8 | 86.8 | 87.2 | 88.8 | 89.6 | 90.0 | 91.6 | 92.3 | 92.3 | 92.4 | 92.5 | 92.9 | 92.9 |
| ≥ 800 | 75.3 | 80.9 | 82.7 | 85.3 | 87.2 | 87.6 | 89.2 | 90.0 | 90.4 | 92.0 | 92.8 | 92.9 | 92.9 | 93.0 | 93.4 | 93.4 |
| ≥ 700 | 75.8 | 81.5 | 83.3 | 85.9 | 87.8 | 88.3 | 90.0 | 90.8 | 91.2 | 92.8 | 93.7 | 93.7 | 93.8 | 93.9 | 94.3 | 94.3 |
| ≥ 600 | 75.7 | 81.7 | 83.5 | 86.1 | 88.1 | 88.5 | 90.2 | 91.0 | 91.4 | 93.0 | 93.9 | 93.9 | 94.0 | 94.1 | 94.5 | 94.5 |
| ≥ 500 | 75.8 | 81.8 | 83.8 | 86.5 | 88.5 | 88.9 | 90.6 | 91.4 | 91.8 | 93.4 | 94.3 | 94.3 | 94.4 | 94.5 | 94.9 | 94.9 |
| ≥ 400 | 76.2 | 82.5 | 84.5 | 87.2 | 89.5 | 89.9 | 91.6 | 92.4 | 92.8 | 94.4 | 95.4 | 95.4 | 95.5 | 95.6 | 96.0 | 96.0 |
| ≥ 300 | 76.3 | 82.7 | 84.9 | 87.7 | 90.0 | 90.5 | 92.4 | 93.1 | 93.5 | 95.3 | 96.2 | 96.2 | 96.3 | 96.4 | 97.1 | 97.1 |
| ≥ 200 | 76.7 | 83.0 | 85.5 | 88.3 | 90.8 | 91.4 | 93.4 | 94.2 | 94.7 | 96.5 | 97.4 | 97.4 | 97.5 | 97.8 | 98.5 | 98.5 |
| ≥ 100 | 76.7 | 83.1 | 86.0 | 89.1 | 91.4 | 92.0 | 94.1 | 95.2 | 95.7 | 97.4 | 98.4 | 98.4 | 98.5 | 98.8 | 99.2 | 99.5 |
| ≥ 0 | 76.7 | 83.1 | 86.0 | 89.1 | 91.4 | 92.0 | 94.1 | 95.2 | 95.7 | 97.5 | 98.5 | 98.5 | 98.6 | 98.9 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS [illegible]

USAF ETAC FORM 0-14-5 (OL 1) [illegible]

# CEILING VERSUS VISIBILITY

57-65

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥⅝ | ≥½ | ≥5/16 | ≥¼ | ≥0 |
| NO CEILING | 24.8 | 24.8 | 24.8 | 25.1 | 25.1 | 25.1 | 25.2 | 25.2 | 25.2 | 25.2 | 25.3 | 25.3 | 25.4 | 25.5 | 25.7 | 25.7 |
| ≥ 20000 | 29.9 | 29.9 | 29.9 | 29.2 | 29.2 | 29.2 | 29.4 | 29.4 | 29.4 | 29.4 | 29.5 | 29.5 | 29.7 | 29.8 | 30.0 | 30.0 |
| ≥ 18000 | 29.6 | 29.7 | 29.7 | 29.9 | 29.9 | 29.9 | 30.0 | 30.0 | 30.0 | 30.0 | 30.1 | 30.1 | 30.3 | 30.4 | 30.6 | 30.6 |
| ≥ 16000 | 30.8 | 30.9 | 30.9 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.2 | 31.2 | 31.3 | 31.3 | 31.5 | 31.6 | 31.8 | 31.8 |
| ≥ 14000 | 33.4 | 33.5 | 33.5 | 33.8 | 33.8 | 33.8 | 33.9 | 33.9 | 33.9 | 33.9 | 34.0 | 34.0 | 34.3 | 34.4 | 34.6 | 34.6 |
| ≥ 12000 | 37.1 | 37.2 | 37.2 | 37.4 | 37.4 | 37.4 | 37.5 | 37.5 | 37.5 | 37.5 | 37.6 | 37.6 | 38.0 | 38.1 | 38.3 | 38.3 |
| ≥ 10000 | 43.3 | 43.4 | 43.4 | 43.7 | 43.7 | 43.7 | 43.8 | 43.8 | 43.8 | 43.8 | 43.9 | 43.9 | 44.2 | 44.3 | 44.5 | 44.5 |
| ≥ 9000 | 46.3 | 46.6 | 46.6 | 46.8 | 46.8 | 46.8 | 46.9 | 46.9 | 46.9 | 46.9 | 47.0 | 47.0 | 47.3 | 47.4 | 47.6 | 47.6 |
| ≥ 8000 | 50.8 | 51.0 | 51.0 | 51.3 | 51.3 | 51.4 | 51.6 | 51.6 | 51.6 | 51.6 | 51.7 | 51.7 | 52.0 | 52.2 | 52.4 | 52.4 |
| ≥ 7000 | 54.4 | 54.6 | 54.6 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.8 | 55.8 | 55.9 | 55.9 | 56.2 | 56.3 | 56.6 | 56.6 |
| ≥ 6000 | 57.4 | 57.7 | 57.8 | 58.6 | 58.6 | 58.8 | 59.1 | 59.2 | 59.2 | 59.2 | 59.4 | 59.4 | 59.7 | 59.8 | 60.1 | 60.2 |
| ≥ 5000 | 60.9 | 61.4 | 61.5 | 62.5 | 62.6 | 62.8 | 63.1 | 63.2 | 63.2 | 63.2 | 63.3 | 63.3 | 63.8 | 63.9 | 64.1 | 64.3 |
| ≥ 4500 | 62.9 | 63.4 | 63.5 | 64.5 | 64.7 | 64.9 | 65.1 | 65.4 | 65.4 | 65.4 | 65.5 | 65.5 | 65.9 | 66.1 | 66.2 | 66.4 |
| ≥ 4000 | 65.5 | 66.3 | 66.4 | 67.7 | 68.0 | 68.2 | 68.6 | 68.7 | 68.7 | 68.8 | 68.9 | 68.9 | 69.4 | 69.5 | 69.7 | 69.9 |
| ≥ 3500 | 67.5 | 69.6 | 69.2 | 70.4 | 70.8 | 71.0 | 71.4 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 72.2 | 72.3 | 72.5 | 72.7 |
| ≥ 3000 | 69.7 | 71.2 | 72.0 | 73.3 | 74.0 | 74.2 | 74.6 | 74.8 | 74.8 | 74.9 | 75.1 | 75.1 | 75.5 | 75.6 | 75.8 | 76.0 |
| ≥ 2500 | 70.9 | 72.5 | 73.5 | 74.8 | 75.5 | 75.9 | 76.7 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 | 77.6 | 77.7 | 78.0 | 78.2 |
| ≥ 2000 | 72.4 | 74.4 | 75.7 | 77.2 | 78.0 | 78.3 | 79.4 | 79.8 | 79.9 | 80.0 | 80.1 | 80.2 | 80.6 | 80.8 | 81.0 | 81.2 |
| ≥ 1800 | 73.4 | 75.5 | 76.9 | 78.4 | 79.1 | 79.5 | 80.6 | 81.2 | 81.4 | 81.6 | 81.7 | 81.8 | 82.3 | 82.4 | 82.6 | 82.8 |
| ≥ 1500 | 74.8 | 77.1 | 78.5 | 80.1 | 80.9 | 81.7 | 82.7 | 83.4 | 83.7 | 83.9 | 84.2 | 84.3 | 84.7 | 84.8 | 85.1 | 85.3 |
| ≥ 1200 | 75.8 | 78.5 | 79.9 | 81.5 | 82.3 | 83.1 | 84.2 | 85.8 | 86.1 | 86.8 | 87.8 | 88.0 | 88.4 | 88.5 | 88.7 | 88.9 |
| ≥ 1000 | 76.2 | 79.2 | 80.6 | 82.3 | 83.0 | 83.9 | 84.9 | 86.9 | 87.1 | 88.0 | 89.2 | 89.5 | 89.9 | 90.0 | 90.2 | 90.6 |
| ≥ 900 | 76.5 | 79.6 | 81.0 | 82.7 | 83.4 | 84.3 | 85.4 | 87.2 | 87.6 | 88.6 | 90.1 | 90.4 | 91.1 | 91.2 | 91.4 | 91.6 |
| ≥ 800 | 76.7 | 80.0 | 81.5 | 83.2 | 84.0 | 84.8 | 85.9 | 87.7 | 88.2 | 89.1 | 90.9 | 91.2 | 92.0 | 92.2 | 92.4 | 92.6 |
| ≥ 700 | 77.4 | 80.9 | 82.4 | 84.2 | 84.9 | 85.8 | 86.9 | 88.7 | 89.1 | 90.1 | 91.8 | 92.2 | 93.1 | 93.2 | 93.4 | 93.7 |
| ≥ 600 | 77.5 | 81.2 | 82.9 | 84.7 | 85.5 | 86.3 | 87.4 | 89.2 | 89.8 | 90.9 | 92.6 | 92.9 | 94.2 | 94.4 | 94.6 | 94.9 |
| ≥ 500 | 77.6 | 81.5 | 83.2 | 85.3 | 86.0 | 86.9 | 88.0 | 89.9 | 90.4 | 91.5 | 93.3 | 93.7 | 95.1 | 95.3 | 95.5 | 96.1 |
| ≥ 400 | 78.1 | 82.4 | 84.2 | 86.3 | 87.1 | 88.2 | 89.2 | 91.2 | 91.7 | 92.8 | 94.6 | 95.2 | 96.9 | 97.2 | 97.7 | 98.1 |
| ≥ 300 | 78.3 | 82.6 | 84.4 | 86.6 | 87.3 | 88.6 | 89.7 | 91.6 | 92.2 | 93.3 | 95.2 | 95.7 | 97.4 | 97.8 | 98.4 | 99.0 |
| ≥ 200 | 78.3 | 82.9 | 84.7 | 86.9 | 87.6 | 88.9 | 90.0 | 91.9 | 92.5 | 93.8 | 95.6 | 96.1 | 97.8 | 98.4 | 98.9 | 99.5 |
| ≥ 100 | 78.3 | 82.8 | 84.7 | 86.9 | 87.7 | 89.1 | 90.2 | 92.3 | 92.8 | 94.1 | 95.9 | 96.5 | 98.3 | 98.8 | 99.4 | 100.0 |
| ≥ 0 | 78.3 | 82.8 | 84.7 | 86.9 | 87.7 | 89.1 | 90.2 | 92.3 | 92.8 | 94.1 | 95.9 | 96.5 | 98.3 | 98.8 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 10-54 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AT [illegible]
USAF ETAC
[illegible] EAST [illegible] ENGLEY AFB

# CEILING VERSUS VISIBILITY

[illegible] 57-66 YEAR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | ≥0 |
| NO CEILING | 4.2 | 23.4 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.7 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 | 23.8 |
| ≥ 20000 | 5.2 | 23.4 | 28.5 | 28.5 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.6 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 | 28.7 |
| ≥ 18000 | 5.8 | 28.8 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.0 | 29.1 | 29.1 | 29.1 | 29.1 | 29.1 | 29.2 |
| ≥ 16000 | 9.4 | 29.3 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.8 | 29.9 | 29.9 | 29.9 | 29.9 | 29.9 | 30.0 |
| ≥ 14000 | 32.4 | 32.5 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.7 | 32.8 | 32.8 | 32.8 | 32.8 | 32.8 | 32.9 |
| ≥ 12000 | 36.5 | 36.7 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 36.9 | 37.0 | 37.0 | 37.0 | 37.0 | 37.0 | 37.1 |
| ≥ 10000 | 41.3 | 41.6 | 41.8 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 41.9 | 42.0 | 42.0 | 42.0 | 42.0 | 42.0 | 42.1 |
| ≥ 9000 | 44.3 | 44.6 | 44.9 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.2 | 45.3 | 45.3 | 45.3 | 45.3 | 45.3 | 45.4 |
| ≥ 8000 | 48.7 | 49.0 | 49.3 | 49.3 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 49.9 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.1 |
| ≥ 7000 | 53.2 | 54.1 | 54.5 | 55.1 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.7 |
| ≥ 6000 | 56.2 | 57.3 | 57.7 | 58.3 | 58.6 | 58.7 | 58.7 | 58.7 | 58.7 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 59.0 |
| ≥ 5000 | 60.0 | 61.2 | 61.7 | 62.3 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 62.9 | 63.0 |
| ≥ 4500 | 62.6 | 63.8 | 64.3 | 64.8 | 65.2 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 | 65.6 | 65.6 | 65.6 | 65.6 | 65.6 | 65.7 |
| ≥ 4000 | 66.6 | 67.7 | 68.4 | 69.0 | 69.4 | 69.7 | 69.7 | 69.8 | 69.8 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 |
| ≥ 3500 | 69.0 | 70.6 | 71.5 | 72.2 | 72.5 | 72.8 | 72.8 | 72.9 | 72.9 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.3 |
| ≥ 3000 | 71.3 | 73.5 | 74.6 | 75.5 | 75.9 | 76.5 | 76.6 | 76.9 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 |
| ≥ 2500 | 73.8 | 75.2 | 76.2 | 77.2 | 77.7 | 78.3 | 79.5 | 79.5 | 79.6 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.3 |
| ≥ 2000 | 74.5 | 76.0 | 77.2 | 78.4 | 79.1 | 80.3 | 80.6 | 81.3 | 81.5 | 82.3 | 82.4 | 82.5 | 82.5 | 82.6 | 82.6 | 82.7 |
| ≥ 1800 | 74.9 | 76.7 | 77.9 | 79.1 | 79.9 | 81.2 | 81.5 | 82.2 | 82.5 | 83.5 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 84.0 |
| ≥ 1500 | 75.8 | 77.5 | 79.1 | 80.5 | 81.7 | 83.1 | 83.5 | 84.5 | 85.2 | 86.3 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.9 |
| ≥ 1200 | 76.3 | 77.8 | 81.0 | 82.6 | 83.7 | 85.3 | 85.8 | 87.1 | 87.6 | 89.2 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.2 |
| ≥ 1000 | 76.5 | 80.0 | 81.2 | 83.0 | 84.1 | 85.8 | 86.4 | 87.5 | 88.3 | 90.1 | 91.0 | 91.3 | 91.4 | 91.5 | 91.5 | 91.6 |
| ≥ 900 | 76.9 | 81.6 | 81.8 | 83.8 | 84.8 | 86.7 | 87.2 | 88.4 | 89.1 | 91.1 | 92.2 | 92.6 | 92.7 | 92.8 | 92.8 | 92.9 |
| ≥ 800 | 78.1 | 81.3 | 82.7 | 84.8 | 85.9 | 87.7 | 88.5 | 89.8 | 90.5 | 92.5 | 93.9 | 94.3 | 94.4 | 94.6 | 94.6 | 94.7 |
| ≥ 700 | 78.6 | 81.8 | 83.3 | 85.7 | 86.8 | 88.6 | 89.5 | 90.8 | 91.7 | 93.7 | 95.1 | 95.6 | 95.8 | 96.0 | 96.0 | 96.1 |
| ≥ 600 | 79.5 | 82.4 | 84.3 | 86.7 | 87.8 | 89.7 | 90.5 | 91.8 | 92.8 | 94.8 | 96.2 | 96.9 | 97.3 | 97.5 | 97.5 | 97.6 |
| ≥ 500 | 79.6 | 83.1 | 84.6 | 87.0 | 88.2 | 90.1 | 91.0 | 92.3 | 93.2 | 95.3 | 96.7 | 97.3 | 97.8 | 98.1 | 98.1 | 98.2 |
| ≥ 400 | 79.8 | 83.5 | 85.2 | 87.5 | 88.7 | 90.6 | 91.5 | 92.8 | 93.8 | 95.8 | 97.2 | 98.0 | 98.5 | 98.7 | 98.7 | 99.1 |
| ≥ 300 | 79.8 | 83.7 | 85.4 | 87.7 | 88.9 | 90.9 | 91.7 | 93.0 | 94.0 | 96.1 | 97.5 | 98.3 | 98.8 | 99.0 | 99.2 | 99.9 |
| ≥ 200 | 79.8 | 83.8 | 85.5 | 87.8 | 89.0 | 91.0 | 91.8 | 93.1 | 94.1 | 96.2 | 97.6 | 98.4 | 98.9 | 99.1 | 99.4 | 100.0 |
| ≥ 100 | 79.8 | 83.8 | 85.5 | 87.8 | 89.0 | 91.0 | 91.8 | 93.1 | 94.1 | 96.2 | 97.6 | 98.4 | 98.9 | 99.1 | 99.4 | 100.0 |
| ≥ 0 | 79.8 | 83.8 | 85.5 | 87.8 | 89.0 | 91.0 | 91.8 | 93.1 | 94.1 | 96.2 | 97.6 | 98.4 | 98.9 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 93[illegible]

USAF ETAC [illegible] 0-145 (OL I) [illegible]

2

# CEILING VERSUS VISIBILITY

57-64

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1¾ | ≥1½ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥⅛ | 0 |
| NO CEILING | 25.1 | 25.1 | 25.1 | 25.1 | 25.1 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.2 | 25.4 | 25.4 | 25.4 |
| ≥ 20000 | 28.6 | 28.7 | 28.7 | 28.7 | 28.7 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 28.8 | 29.0 | 29.0 | 29.4 |
| ≥ 18000 | 29.1 | 29.2 | 29.2 | 29.2 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.4 | 29.6 | 29.6 | 29.9 |
| ≥ 16000 | 30.2 | 30.3 | 30.3 | 30.3 | 30.3 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.4 | 30.6 | 30.6 | 31.0 |
| ≥ 14000 | 32.0 | 32.2 | 32.2 | 32.2 | 32.2 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.3 | 32.5 | 32.5 | 32.9 |
| ≥ 12000 | 34.7 | 34.8 | 34.8 | 34.8 | 34.8 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 34.9 | 35.2 | 35.2 | 35.6 |
| ≥ 10000 | 39.8 | 39.8 | 39.8 | 39.8 | 39.8 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 39.9 | 40.1 | 40.1 | 40.4 |
| ≥ 9000 | 43.2 | 43.4 | 43.4 | 43.4 | 43.4 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.5 | 43.8 | 43.8 | 44.1 |
| ≥ 8000 | 46.6 | 47.0 | 47.1 | 47.2 | 47.2 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.4 | 47.6 | 47.6 | 48.0 |
| ≥ 7000 | 52.8 | 53.2 | 53.3 | 53.4 | 53.4 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.7 | 53.9 | 53.9 | 54.2 |
| ≥ 6000 | 55.3 | 55.9 | 56.0 | 56.1 | 56.1 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.3 | 56.6 | 56.6 | 56.9 |
| ≥ 5000 | 59.9 | 60.5 | 60.6 | 60.8 | 60.8 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.2 | 61.2 | 61.6 |
| ≥ 4500 | 62.9 | 63.5 | 63.7 | 63.8 | 63.8 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.0 | 64.2 | 64.2 | 64.5 |
| ≥ 4000 | 67.4 | 68.4 | 68.8 | 69.0 | 69.2 | 69.7 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.2 | 70.2 | 70.7 |
| ≥ 3500 | 69.2 | 70.5 | 71.2 | 71.4 | 71.6 | 72.1 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.7 | 72.7 | 73.1 |
| ≥ 3000 | 71.3 | 73.3 | 74.1 | 74.2 | 75.3 | 75.6 | 76.1 | 76.5 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.9 | 76.9 | 77.4 |
| ≥ 2500 | 73.3 | 74.7 | 75.5 | 75.8 | 77.1 | 77.4 | 78.2 | 78.7 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.2 | 79.2 | 79.6 |
| ≥ 2000 | 77.6 | 78.0 | 78.6 | 77.0 | 78.4 | 78.8 | 79.9 | 80.9 | 81.0 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.8 |
| ≥ 1800 | 75.2 | 76.1 | 77.1 | 77.5 | 78.7 | 79.5 | 80.5 | 81.4 | 81.6 | 81.6 | 81.9 | 81.9 | 82.2 | 82.2 | 82.2 | 82.7 |
| ≥ 1500 | 74.7 | 75.3 | 74.2 | 79.8 | 81.3 | 81.9 | 83.0 | 84.4 | 85.1 | 85.3 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 86.4 |
| ≥ 1200 | 76.5 | 77.4 | 81.4 | 82.3 | 83.9 | 84.5 | 85.7 | 87.0 | 88.3 | 88.8 | 89.5 | 89.5 | 89.7 | 89.7 | 89.7 | 90.2 |
| ≥ 1000 | 76.8 | 81.0 | 82.6 | 82.9 | 84.5 | 85.2 | 86.3 | 88.3 | 89.0 | 90.2 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 92.3 |
| ≥ 900 | 77.0 | 81.5 | 82.7 | 83.7 | 85.4 | 86.0 | 87.2 | 89.2 | 90.0 | 91.4 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.6 |
| ≥ 800 | 77.2 | 81.9 | 83.4 | 84.5 | 86.2 | 86.9 | 88.1 | 90.2 | 91.1 | 92.6 | 94.6 | 94.6 | 95.1 | 95.1 | 95.1 | 95.6 |
| ≥ 700 | 77.4 | 82.3 | 83.6 | 84.8 | 86.8 | 87.4 | 88.6 | 90.8 | 91.6 | 93.2 | 95.5 | 95.7 | 95.9 | 95.9 | 95.9 | 96.4 |
| ≥ 600 | 77.8 | 82.7 | 84.2 | 85.3 | 87.2 | 87.9 | 89.2 | 91.2 | 92.0 | 93.7 | 95.9 | 96.3 | 96.8 | 96.8 | 96.8 | 97.1 |
| ≥ 500 | 78.2 | 83.2 | 84.7 | 85.8 | 87.7 | 88.4 | 89.7 | 91.8 | 92.7 | 94.3 | 96.8 | 97.3 | 97.8 | 97.8 | 97.8 | 98.2 |
| ≥ 400 | 78.3 | 83.7 | 85.2 | 86.2 | 88.2 | 88.8 | 90.1 | 92.3 | 93.1 | 94.7 | 97.3 | 97.8 | 98.5 | 98.5 | 98.5 | 98.9 |
| ≥ 300 | 78.4 | 84.9 | 85.4 | 86.5 | 88.4 | 89.0 | 90.3 | 92.5 | 93.3 | 94.9 | 97.5 | 98.2 | 98.9 | 98.9 | 99. | 99.4 |
| ≥ 200 | 78.6 | 84.2 | 85.7 | 86.8 | 88.7 | 89.4 | 90.6 | 92.8 | 93.7 | 95.3 | 97.8 | 98.5 | 99.2 | 99.2 | 99.4 | 99.9 |
| ≥ 100 | 78.6 | 84.2 | 85.7 | 86.8 | 88.7 | 89.4 | 90.6 | 92.8 | 93.8 | 95.4 | 98.0 | 98.6 | 99.4 | 99.4 | 99.5 | 100.0 |
| ≥ 0 | 78.6 | 84.2 | 85.7 | 86.8 | 88.7 | 89.4 | 90.6 | 92.8 | 93.8 | 95.4 | 98.0 | 98.6 | 99.4 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL 1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2½ | ≥2 | ≥1½ | ≥1¼ | ≥1 | ≥¾ | ≥½ | ≥¼ | ≥5/16 | ≥0 | 0 |
| NO CEILING | 5.4 | 25.9 | 25.9 | 26.1 | 26.1 | 26.2 | 26.2 | 26.3 | 26.3 | 26.3 | 26.5 | 26.7 | 26.7 | 26.8 | 27. | 27.1 |
| ≥ 20000 | 27.0 | 27.2 | 27.2 | 27.4 | 27.4 | 27.5 | 27.5 | 27.6 | 27.6 | 27.7 | 27.8 | 27.9 | 28.1 | 28.2 | 28.2 | 28.2 |
| ≥ 18000 | 28.3 | 28.5 | 28.6 | 28.8 | 28.8 | 28.9 | 28.9 | 28.9 | 28.9 | 29.0 | 29.0 | 29.1 | 29.1 | 29.4 | 29.6 | 29.7 | 29.7 | 29.7 |
| ≥ 16000 | 29.9 | 29.2 | 29.2 | 29.3 | 29.3 | 29.4 | 29.4 | 29.4 | 29.7 | 29.7 | 29.7 | 29.8 | 29. | 30.0 | 30.2 | 30.3 | 30.3 | 30.3 |
| ≥ 14000 | 31.2 | 31.5 | 31.5 | 31.7 | 31.7 | 31.8 | 31. | 31.9 | 31.9 | 31.9 | 32.0 | 32. | 32.3 | 32.5 | 32.6 | 32.6 | 32.6 | 32.6 |
| ≥ 12000 | 34.2 | 34.5 | 34.5 | 34.7 | 34.7 | 34.8 | 34.8 | 34.9 | 34.9 | 34.9 | 35.1 | 35.1 | 35.3 | 35.5 | 35.6 | 35.6 | 35.6 | 35.6 |
| ≥ 10000 | 38.8 | 39.2 | 39.2 | 39.4 | 39.5 | 39.7 | 39.7 | 39.8 | 39.8 | 39.8 | 40.0 | 40.1 | 40.2 | 40.4 | 40.5 | 40.5 | 40.5 | 40.5 |
| ≥ 9000 | 42.4 | 42.4 | 42.7 | 43.2 | 43.2 | 43.3 | 43.3 | 43.4 | 43.4 | 43.4 | 43.7 | 43.7 | 43.9 | 44.1 | 44.2 | 44.2 | 44.2 | 44.2 |
| ≥ 8000 | 44.8 | 45.2 | 45.3 | 45.3 | 45.3 | 45.4 | 45.4 | 46.1 | 46.0 | 46.0 | 46.2 | 46.1 | 46.3 | 46.7 | 46. | 46.8 | 46.8 | 46.8 |
| ≥ 7000 | 52.0 | 52.8 | 53.0 | 53.3 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 54.0 | 54. | 54.2 | 54.4 | 54.5 | 54.5 | 54.5 | 54.5 |
| ≥ 6000 | 54.8 | 54.6 | 54.9 | 55.5 | 55.5 | 55.6 | 55.6 | 55.7 | 55.7 | 55.7 | 55.9 | 55.9 | 56.1 | 56.3 | 56.5 | 56.5 | 56.5 | 56.5 |
| ≥ 5000 | 61.3 | 61.3 | 61.6 | 62.2 | 62.3 | 62.4 | 62.4 | 62.5 | 62.5 | 62.5 | 62.7 | 62.7 | 62.9 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 4500 | 64.4 | 64.5 | 64.5 | 65.4 | 65.5 | 65.7 | 65.8 | 65.9 | 65.9 | 65.9 | 66.1 | 66.1 | 66.3 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 4000 | 65.5 | 65.8 | 66.4 | 66.9 | 69.2 | 69.5 | 69.6 | 69.8 | 69.8 | 69.8 | 70.0 | 70.1 | 70.2 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 3500 | 77.3 | 68.9 | 69.5 | 70.5 | 70.9 | 71.1 | 71.2 | 71.6 | 71.6 | 71.6 | 71.8 | 71.8 | 72.0 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 3000 | 72.4 | 71.5 | 72.4 | 73.1 | 74.1 | 74.4 | 74.6 | 75.2 | 75.2 | 75.2 | 75.4 | 75.4 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 2500 | 76.2 | 74.1 | 74.9 | 75.9 | 77.2 | 77.5 | 77.8 | 78.4 | 78.4 | 78.4 | 78.6 | 78.6 | 78.8 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 2000 | 78.1 | 76.9 | 77.7 | 78.8 | 80.5 | 81.2 | 82.3 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 | 83.7 | 83.9 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 1800 | 78.8 | 77.7 | 78.7 | 80.0 | 81.8 | 82.5 | 83.7 | 84.5 | 84.7 | 84.7 | 84.9 | 84.9 | 85.2 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1500 | 79.5 | 78.5 | 79.8 | 81.5 | 83.7 | 84.4 | 85.8 | 86.9 | 87.1 | 87.2 | 87.4 | 87.4 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 1200 | 79.8 | 79.7 | 81.0 | 82.5 | 85.2 | 85.9 | 87.4 | 88.5 | 89.0 | 89.7 | 89.9 | 89.9 | 90.1 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1000 | 79.7 | 81.0 | 81.7 | 83.4 | 86.1 | 86.9 | 88.4 | 89.5 | 90.0 | 91.4 | 92.0 | 92.0 | 92.3 | 92.5 | 92.6 | 92.6 | 92.6 | 92.6 |
| ≥ 900 | 79.9 | 81.4 | 82.6 | 84.4 | 87.1 | 87.8 | 89.4 | 90.4 | 91.0 | 92.6 | 93.3 | 93.3 | 93.5 | 93.5 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 800 | 80.1 | 81.7 | 82.9 | 84.7 | 87.4 | 88.2 | 89.8 | 91.0 | 91.5 | 93.4 | 94.4 | 94.4 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 700 | 80.2 | 82.0 | 83.3 | 85.3 | 88.0 | 88.7 | 90.3 | 91.5 | 92.0 | 94.3 | 95.3 | 95.3 | 95.6 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 80.2 | 82.2 | 83.6 | 85.7 | 88.4 | 89.1 | 90.8 | 91.9 | 92.5 | 94.7 | 95.9 | 95.9 | 96.2 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 | 80.3 | 82.4 | 84.0 | 85.9 | 88.6 | 89.4 | 91.0 | 92.2 | 92.7 | 95.1 | 96.2 | 96.3 | 96.6 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 400 | 80.3 | 82.7 | 84.3 | 86.2 | 88.9 | 89.7 | 91.3 | 92.5 | 93.0 | 95.4 | 96.6 | 96.6 | 97.0 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 300 | 80.3 | 82.8 | 84.5 | 86.3 | 89.1 | 89.9 | 91.6 | 93.0 | 93.5 | 96.0 | 97.2 | 97.2 | 97.6 | 97.8 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 200 | 80.3 | 82.8 | 84.5 | 86.6 | 89.4 | 90.1 | 91.8 | 93.2 | 93.8 | 96.2 | 97.5 | 97.5 | 98.3 | 98.5 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 100 | 80.3 | 82.8 | 84.5 | 86.7 | 89.5 | 90.3 | 92.2 | 93.7 | 94.4 | 97.0 | 98.3 | 98.3 | 99.0 | 99.2 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 80.3 | 82.8 | 84.5 | 86.7 | 89.5 | 90.3 | 92.2 | 93.6 | 94.5 | 97.1 | 98.4 | 98.4 | 99.1 | 99.3 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC FORM 0-14-5 (OL-1)

# CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| CEILING FEET | VISIBILITY STATUTE MILES | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥10 | ≥6 | ≥5 | ≥4 | ≥3 | ≥2 | ≥2 | ≥1 | ≥1 | ≥1 | ≥ | ≥ | ≥ | ≥ | ≥ |
| NO CEILING | | | | | | | | | | | | | | | |
| ≥ 20000 | | | | | | | | | | | | | | | |
| ≥ 18000 | | | | | | | | | | | | | | | |
| ≥ 16000 | | | | | | | | | | | | | | | |
| ≥ 14000 | | | | | | | | | | | | | | | |
| ≥ 12000 | | | | | | | | | | | | | | | |
| ≥ 10000 | | | | | | | | | | | | | | | |
| ≥ 9000 | | | | | | | | | | | | | | | |
| ≥ 8000 | | | | | | | | | | | | | | | |
| ≥ 7000 | | | | | | | | | | | | | | | |
| ≥ 6000 | | | | | | | | | | | | | | | |
| ≥ 5000 | | | | | | | | | | | | | | | |
| ≥ 4500 | | | | | | | | | | | | | | | |
| ≥ 4000 | | | | | | | | | | | | | | | |
| ≥ [illegible] | | | | | | | | | | | | | | | |
| ≥ 3000 | | | | | | | | | | | | | | | |
| ≥ 2500 | | | | | | | | | | | | | | | |
| ≥ 2000 | | | | | | | | | | | | | | | |
| ≥ 1800 | | | | | | | | | | | | | | | |
| ≥ 1600 | | | | | | | | | | | | | | | |
| ≥ 1400 | | | | | | | | | | | | | | | |
| ≥ 1200 | | | | | | | | | | | | | | | |
| ≥ 1000 | | | | | | | | | | | | | | | |
| ≥ 900 | | | | | | | | | | | | | | | |
| ≥ 800 | | | | | | | | | | | | | | | |
| ≥ 700 | | | | | | | | | | | | | | | |
| ≥ 600 | | | | | | | | | | | | | | | |
| ≥ 500 | | | | | | | | | | | | | | | |
| ≥ 400 | | | | | | | | | | | | | | | |
| ≥ 300 | | | | | | | | | | | | | | | |
| ≥ 200 | | | | | | | | | | | | | | | |
| ≥ 100 | | | | | | | | | | | | | | | |
| ≥ 0 | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 OL-1

# 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 1960. 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 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C UDT APT 57-66 ALL
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | ALL | 6.9 | 4.1 | 4.8 | 3.4 | 2.8 | 1.5 | 2.8 | 3.6 | 5.8 | 15.3 | 49.2 | 7.6 | 7440 |
| FEB | | 7.4 | 6.4 | 5.7 | 4.1 | 3.8 | 2.6 | 3.4 | 4.4 | 6.6 | 17.1 | 38.5 | 7.0 | 6768 |
| MAR | | 8.1 | 7.8 | 6.5 | 4.7 | 4.2 | 3.1 | 3.5 | 6.0 | 8.9 | 16.7 | 30.7 | 6.6 | 7440 |
| APR | | 5.0 | 7.4 | 6.8 | 5.5 | 4.8 | 3.5 | 4.8 | 6.8 | 10.1 | 18.2 | 27.1 | 6.7 | 7200 |
| MAY | | 5.0 | 8.0 | 7.6 | 5.4 | 4.7 | 3.6 | 4.8 | 7.1 | 10.2 | 22.5 | 21.2 | 6.5 | 7440 |
| JUN | | 1.9 | 5.6 | 6.3 | 6.7 | 6.4 | 5.6 | 6.4 | 9.4 | 12.9 | 24.8 | 15.0 | 6.7 | 7200 |
| JUL | | 2.6 | 9.4 | 9.1 | 7.6 | 6.0 | 5.2 | 6.6 | 7.7 | 11.5 | 23.2 | 11.3 | 6.1 | 7440 |
| AUG | | 3.3 | 7.3 | 7.6 | 7.4 | 6.1 | 5.2 | 5.6 | 6.8 | 10.3 | 21.4 | 19.2 | 6.4 | 7440 |
| SEP | | 7.0 | 7.8 | 6.4 | 5.2 | 4.0 | 3.5 | 3.7 | 5.6 | 8.8 | 21.5 | 26.6 | 6.6 | 7200 |
| OCT | | 4.1 | 5.4 | 4.5 | 4.4 | 4.1 | 3.2 | 3.7 | 6.0 | 8.5 | 21.2 | 34.8 | 7.3 | 7440 |
| NOV | | 3.5 | 3.9 | 4.5 | 4.0 | 3.9 | 3.0 | 3.3 | 5.1 | 6.8 | 18.3 | 44.0 | 7.7 | 7200 |
| DEC | | 3.5 | 3.7 | 4.3 | 4.0 | 3.2 | 2.6 | 2.9 | 4.0 | 6.9 | 18.3 | 46.5 | 7.8 | 7440 |
| TOTALS | | 4.8 | 6.4 | 6.2 | 5.2 | 4.5 | 3.6 | 4.3 | 6.0 | 8.9 | 19.9 | 30.3 | 6.9 | 87648 |

USAFETAC FORM 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE A C DOIT APT 57-66 JAN
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JAN | 00-02 | 9.7 | 4.1 | 7.1 | 3.7 | 2.6 | .9 | 3.0 | 3.5 | 4.3 | 8.3 | 52.9 | 7.2 | 930 |
| | 03-05 | 9.6 | 5.1 | 4.0 | 2.6 | 2.4 | 1.7 | 2.7 | 3.2 | 4.9 | 5.1 | 58.8 | 7.3 | 930 |
| | 06-08 | 5.6 | 3.3 | 5.6 | 4.1 | 3.2 | 1.6 | 2.4 | 3.1 | 5.3 | 10.3 | 55.5 | 7.7 | 930 |
| | 09-11 | 2.9 | 3.4 | 3.4 | 2.3 | 2.6 | 2.4 | 2.9 | 3.4 | 6.2 | 21.8 | 48.6 | 8.1 | 930 |
| | 12-14 | 2.8 | 4.5 | 3.5 | 3.5 | 2.7 | 1.4 | 2.3 | 4.1 | 6.5 | 29.2 | 39.5 | 7.9 | 930 |
| | 15-17 | 4.9 | 4.1 | 3.8 | 3.7 | 2.9 | 1.6 | 2.5 | 4.6 | 7.8 | 28.0 | 37.2 | 7.8 | 930 |
| | 18-20 | 7.5 | 5.4 | 5.6 | 3.2 | 2.8 | 1.0 | 3.1 | 4.6 | 4.6 | 10.5 | 51.6 | 7.4 | 930 |
| | 21-23 | 12.6 | 2.9 | 5.3 | 3.7 | 2.9 | 1.7 | 3.2 | 2.6 | 6.6 | 9.0 | 49.6 | 7.1 | 930 |
| | TOTALS | 6.8 | 4.1 | 4.8 | 3.4 | 2.8 | 1.5 | 2.8 | 3.6 | 5.8 | 15.3 | 49.2 | 7.6 | 7440 |

USAFETAC FORM JUL 64 0 9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE A C BOT APT 57-66 FEB

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTA COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| FEB | 00-02 | 13.1 | 7.8 | 8.0 | 4.3 | 3.3 | 2.5 | 2.7 | .6 | 3.0 | 8.5 | 44.2 | 6.4 | 846 |
| | 03-05 | 13.8 | 8.7 | 6.4 | 3.0 | 3.2 | 2.7 | 3.1 | 3.0 | 3.2 | 8.2 | 44.8 | 6.4 | 846 |
| | 06-08 | 4.8 | 7.3 | 5.9 | 5.7 | 5.6 | 2.0 | 3.9 | 5.2 | 6.5 | 14.5 | 38.5 | 7.0 | 846 |
| | 09-11 | 3.2 | 4.6 | 5.0 | 4.6 | 3.8 | 2.8 | 3.1 | 4.3 | 7.3 | 26.0 | 35.3 | 7.5 | 846 |
| | 12-14 | 2.6 | 4.1 | 4.8 | 4.0 | 3.0 | 2.2 | 3.4 | 5.7 | 9.3 | 28.0 | 32.6 | 7.6 | 846 |
| | 15-17 | 2.8 | 5.8 | 3.4 | 2.2 | 3.3 | 3.1 | 3.4 | 5.9 | 9.9 | 28.0 | 32.2 | 7.6 | 846 |
| | 18-20 | 6.5 | 7.2 | 5.1 | 3.3 | 4.1 | 3.1 | 4.5 | 5.2 | 7.1 | 16.1 | 37.8 | 7.0 | 846 |
| | 21-23 | 12.4 | 5.3 | 7.1 | 5.4 | 4.3 | 2.7 | 3.1 | 3.1 | 6.0 | 7.7 | 42.9 | 6.5 | 846 |
| | TOTALS | 7.4 | 6.4 | 5.7 | 4.1 | 3.8 | 2.6 | 3.4 | 4.4 | 6.6 | 17.1 | 38.5 | 7.0 | 6768 |

USAFETAC FORM JUL 64 0 9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C DUT APT 57-66 MAR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 18.2 | 7.7 | 8.0 | 4.8 | 4.1 | 1.9 | 3.2 | 3.9 | 7.2 | 8.0 | 33.0 | 5.7 | 930 |
| | 03-05 | 15.7 | 8.6 | 6.2 | 5.1 | 5.7 | 2.4 | 2.4 | 4.6 | 6.1 | 8.0 | 35.3 | 5.9 | 930 |
| | 06-08 | 3.8 | 7.1 | 6.9 | 4.7 | 3.7 | 3.3 | 2.8 | 6.0 | 8.7 | 21.3 | 31.7 | 7.0 | 930 |
| | 09-11 | 3.0 | 5.3 | 5.9 | 5.2 | 3.1 | 3.2 | 3.1 | 4.5 | 11.0 | 24.1 | 30.9 | 7.2 | 930 |
| | 12-14 | 2.4 | 8.6 | 3.5 | 3.0 | 2.8 | 3.2 | 3.0 | 8.5 | 10.9 | 24.0 | 30.1 | 7.3 | 930 |
| | 15-17 | 3.0 | 6.6 | 4.6 | 3.3 | 4.2 | 3.3 | 4.1 | 7.0 | 13.5 | 23.2 | 27.1 | 7.2 | 930 |
| | 18-20 | 4.3 | 9.1 | 7.8 | 5.2 | 4.3 | 4.5 | 4.9 | 8.3 | 8.3 | 17.6 | 25.6 | 6.5 | 930 |
| | 21-23 | 13.0 | 9.2 | 8.8 | 6.2 | 5.8 | 2.7 | 4.3 | 4.9 | 5.8 | 7.1 | 32.0 | 5.7 | 930 |
| TOTALS | | 8.0 | 7.8 | 6.5 | 4.7 | 4.2 | 3.1 | 3.5 | 6.0 | 8.9 | 16.7 | 30.7 | 6.6 | 7440 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C OUT APT 57-66 APR

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| APR | 00-02 | 14.2 | 9.7 | 7.1 | 6.9 | 4.2 | 3.4 | 3.7 | 4.9 | 6.8 | 6.4 | 32.7 | 5.7 | 900 |
| | 03-05 | 7.8 | 11.4 | 9.1 | 5.4 | 3.7 | 3.8 | 5.0 | 4.3 | 6.7 | 12.3 | 30.4 | 6.1 | 900 |
| | 06-08 | 3.3 | 8.7 | 8.2 | 5.2 | 5.0 | 1.8 | 6.2 | 7.7 | 9.1 | 19.7 | 25.1 | 6.6 | 900 |
| | 09-11 | 2.1 | 6.8 | 6.3 | 6.4 | 5.9 | 3.8 | 5.2 | 7.1 | 9.9 | 21.9 | 24.6 | 6.8 | 900 |
| | 12-14 | 1.4 | 4.6 | 4.9 | 4.6 | 3.3 | 3.7 | 5.0 | 7.6 | 13.9 | 26.8 | 24.3 | 7.4 | 900 |
| | 15-17 | 1.8 | 4.2 | 4.3 | 2.7 | 4.2 | 4.2 | 2.9 | 7.8 | 16.2 | 27.0 | 24.7 | 7.5 | 900 |
| | 18-20 | 2.1 | 5.1 | 5.4 | 5.3 | 6.0 | 4.2 | 4.6 | 8.4 | 10.7 | 22.6 | 25.6 | 7.1 | 900 |
| | 21-23 | 7.4 | 8.4 | 9.0 | 7.6 | 6.4 | 2.8 | 5.6 | 6.7 | 7.7 | 9.1 | 29.3 | 6.1 | 900 |
| | TOTALS | 5.0 | 7.4 | 6.8 | 5.5 | 4.8 | 3.5 | 4.8 | 6.8 | 10.1 | 18.2 | 27.1 | 6.7 | 7200 |

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

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C DUT APT 57-66 MAY

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAY | 00-02 | 14.7 | 11.7 | 10.6 | 5.6 | 5.3 | 2.8 | 3.0 | 4.2 | 7.0 | 10.5 | 24.5 | 5.3 | 930 |
| | 03-05 | 7.1 | 11.0 | 8.3 | 7.2 | 5.3 | 3.0 | 5.3 | 5.2 | 7.8 | 16.6 | 23.3 | 6.0 | 930 |
| | 06-08 | 4.3 | 10.4 | 8.3 | 6.2 | 4.0 | 3.5 | 4.1 | 5.9 | 7.4 | 22.4 | 23.4 | 6.4 | 930 |
| | 09-11 | 2.0 | 5.5 | 9.4 | 6.2 | 5.4 | 4.6 | 4.6 | 7.6 | 9.4 | 24.6 | 20.6 | 6.7 | 930 |
| | 12-14 | 1.2 | 6.5 | 4.1 | 3.8 | 2.7 | 3.3 | 4.1 | 8.9 | 15.6 | 31.4 | 18.5 | 7.3 | 930 |
| | 15-17 | 2.3 | 4.6 | 3.9 | 2.0 | 3.2 | 3.3 | 4.7 | 10.2 | 15.2 | 30.0 | 20.5 | 7.4 | 930 |
| | 18-20 | 2.5 | 5.1 | 6.1 | 5.2 | 5.4 | 4.3 | 6.0 | 9.1 | 12.8 | 25.5 | 18.1 | 6.9 | 930 |
| | 21-23 | 6.1 | 9.2 | 9.7 | 7.2 | 6.2 | 4.0 | 6.2 | 5.6 | 6.5 | 18.7 | 20.5 | 6.0 | 930 |
| | TOTALS | 5.0 | 8.0 | 7.6 | 5.4 | 4.7 | 3.6 | 4.8 | 7.1 | 10.2 | 22.5 | 21.2 | 6.5 | 7440 |

USAFETAC FORM JUL 64 0 9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C DIT APT 57-66 JUN

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 3.3 | 10.2 | 10.0 | 8.4 | 8.4 | 5.0 | 5.9 | 8.0 | 8.6 | 16.3 | 15.8 | 5.8 | 900 |
| | 03-05 | 1.7 | 8.0 | 8.6 | 7.8 | 6.4 | 6.0 | 4.6 | 6.2 | 8.3 | 23.6 | 18.9 | 6.4 | 900 |
| | 06-08 | 1.4 | 7.7 | 7.7 | 6.7 | 6.2 | 3.7 | 5.0 | 7.9 | 11.8 | 24.6 | 17.4 | 6.6 | 900 |
| | 09-11 | .6 | 4.2 | 8.2 | 6.7 | 5.6 | 4.6 | 6.3 | 9.6 | 13.0 | 24.1 | 17.2 | 6.8 | 900 |
| | 12-14 | .1 | 3.1 | 3.4 | 4.8 | 5.1 | 6.4 | 7.9 | 12.4 | 16.3 | 28.2 | 12.1 | 7.2 | 900 |
| | 15-17 | .2 | 2.3 | 2.3 | 4.7 | 5.2 | 6.6 | 7.9 | 12.7 | 15.4 | 32.1 | 10.6 | 7.3 | 900 |
| | 18-20 | .3 | 3.1 | 3.8 | 7.0 | 6.9 | 6.4 | 7.2 | 9.3 | 16.7 | 27.3 | 11.9 | 7.0 | 900 |
| | 21-23 | .7 | 6.2 | 6.2 | 7.3 | 7.3 | 6.4 | 6.0 | 8.9 | 13.1 | 21.9 | 15.9 | 6.6 | 900 |
| TOTALS | | 1.0 | 5.6 | 6.3 | 6.7 | 6.4 | 5.6 | 6.4 | 9.4 | 12.9 | 24.8 | 15.0 | 6.7 | 7200 |

USAFETAC FORM 0 9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C DOT APT 57-66 JUL

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 8.4 | 17.8 | 9.6 | 8.0 | 5.3 | 4.0 | 5.8 | 5.1 | 6.8 | 13.7 | 15.7 | 5.1 | 930 |
| | 03-05 | 2.8 | 11.4 | 11.3 | 6.3 | 5.9 | 3.9 | 6.3 | 5.6 | 10.5 | 21.6 | 14.3 | 6.0 | 930 |
| | 06-08 | 3.3 | 8.9 | 9.6 | 9.0 | 4.7 | 4.1 | 4.9 | 5.6 | 12.7 | 24.5 | 12.6 | 6.1 | 930 |
| | 09-11 | 1.0 | 8.7 | 10.4 | 7.1 | 5.1 | 5.3 | 7.8 | 8.7 | 11.3 | 24.9 | 9.7 | 6.2 | 930 |
| | 12-14 | .2 | 5.7 | 6.9 | 6.0 | 7.1 | 6.3 | 7.3 | 10.1 | 15.7 | 26.8 | 7.8 | 6.6 | 930 |
| | 15-17 | .3 | 4.4 | 6.1 | 7.5 | 7.7 | 6.3 | 7.5 | 10.4 | 12.9 | 28.2 | 8.5 | 6.6 | 930 |
| | 18-20 | 1.2 | 7.2 | 7.4 | 7.4 | 6.3 | 5.9 | 7.2 | 8.2 | 15.4 | 25.2 | 8.6 | 6.4 | 930 |
| | 21-23 | 3.3 | 11.1 | 11.2 | 9.5 | 5.6 | 5.5 | 6.1 | 7.7 | 6.5 | 20.5 | 13.0 | 5.7 | 930 |
| | TOTALS | 2.6 | 9.4 | 9.1 | 7.6 | 6.0 | 5.2 | 6.6 | 7.7 | 11.5 | 23.2 | 11.3 | 6.1 | 7440 |

USAFETAC FORM JUL 64 0 9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE B C OUT APT 57-66 AUG

STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 10.9 | 12.3 | 9.4 | 7.4 | 5.3 | 2.9 | 3.9 | 6.1 | 6.3 | 7.5 | 28.4 | 5.6 | 930 |
| | 03-05 | 5.3 | 8.6 | 8.9 | 6.2 | 4.6 | 4.8 | 6.2 | 7.3 | 7.6 | 17.4 | 22.9 | 6.2 | 930 |
| | 06-08 | 2.3 | 6.1 | 6.1 | 8.1 | 5.1 | 5.4 | 5.2 | 6.7 | 11.3 | 26.3 | 17.5 | 6.7 | 930 |
| | 09-11 | 1.5 | 6.3 | 7.5 | 8.8 | 6.9 | 4.2 | 5.6 | 6.1 | 11.5 | 25.9 | 15.6 | 6.5 | 930 |
| | 12-14 | .2 | 4.5 | 6.6 | 5.7 | 6.6 | 6.0 | 6.9 | 8.0 | 13.5 | 26.1 | 15.9 | 6.9 | 930 |
| | 15-17 | .4 | 4.1 | 4.8 | 7.1 | 8.0 | 7.2 | 5.8 | 7.1 | 14.4 | 25.6 | 15.5 | 6.9 | 930 |
| | 18-20 | .3 | 6.8 | 8.3 | 9.0 | 5.6 | 5.4 | 5.8 | 6.9 | 11.0 | 24.9 | 16.0 | 6.6 | 930 |
| | 21-23 | 5.6 | 9.4 | 8.9 | 6.6 | 6.6 | 5.4 | 5.6 | 6.2 | 7.0 | 17.2 | 21.6 | 6.0 | 930 |
| | TOTALS | 3.3 | 7.3 | 7.6 | 7.4 | 6.1 | 5.2 | 5.6 | 6.8 | 10.3 | 21.4 | 19.2 | 6.4 | 7440 |

USAFETAC FORM JUL 64 0-9-5 (OL1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

25206 PRINCE GEORGE A C DOT APT 57-66 SEP
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | 16.6 | 10.2 | 6.9 | 4.3 | 3.1 | 3.0 | 3.7 | 3.9 | 6.0 | 11.6 | 30.8 | 5.7 | 900 |
| | 03-05 | 11.0 | 9.2 | 6.6 | 4.9 | 3.7 | 2.9 | 4.0 | 5.4 | 7.8 | 14.6 | 30.0 | 6.2 | 900 |
| | 06-08 | 1.4 | 6.3 | 5.6 | 5.8 | 2.9 | 4.2 | 3.4 | 5.7 | 10.3 | 27.7 | 26.7 | 7.3 | 900 |
| | 09-11 | 2.8 | 7.8 | 5.9 | 4.2 | 3.1 | 3.6 | 3.4 | 5.4 | 7.8 | 29.2 | 26.8 | 7.1 | 900 |
| | 12-14 | 2.7 | 6.2 | 5.8 | 4.6 | 4.6 | 3.8 | 3.1 | 6.3 | 12.8 | 27.6 | 22.7 | 7.1 | 900 |
| | 15-17 | 3.1 | 4.8 | 5.8 | 5.9 | 5.1 | 3.9 | 4.1 | 7.6 | 11.7 | 28.0 | 20.1 | 7.0 | 900 |
| | 18-20 | 5.6 | 8.0 | 6.9 | 5.3 | 5.0 | 4.3 | 4.2 | 6.2 | 8.0 | 21.3 | 25.1 | 6.6 | 900 |
| | 21-23 | 12.7 | 10.2 | 7.7 | 6.3 | 4.6 | 2.6 | 3.8 | 4.1 | 5.7 | 11.6 | 30.9 | 5.9 | 900 |
| | TOTALS | 7.0 | 7.8 | 6.4 | 5.2 | 4.0 | 3.5 | 3.7 | 5.6 | 8.8 | 21.5 | 26.6 | 6.6 | 7200 |

USAFETAC FORM JUL 64 0 9 5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 25206 | PRINCE GEORGE B C DOT APT | 57-66 | OCT |

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 8.8 | 8.8 | 5.6 | 5.2 | 3.7 | 3.4 | 3.2 | 4.4 | 5.7 | 10.4 | 40.8 | 6.6 | 930 |
| | 03-05 | 7.4 | 10.6 | 5.4 | 4.0 | 4.5 | 2.2 | 2.5 | 3.7 | 7.0 | 11.1 | 41.3 | 6.7 | 930 |
| | 06-08 | 1.0 | 3.4 | 5.7 | 6.0 | 3.8 | 2.6 | 3.9 | 6.2 | 9.1 | 24.6 | 33.7 | 7.6 | 930 |
| | 09-11 | .9 | 2.4 | 3.3 | 5.4 | 4.8 | 3.1 | 3.4 | 5.2 | 10.1 | 32.0 | 29.4 | 7.8 | 930 |
| | 12-14 | 1.4 | 1.4 | 2.8 | 3.0 | 3.4 | 3.3 | 4.9 | 8.4 | 11.5 | 29.7 | 30.1 | 8.0 | 930 |
| | 15-17 | 1.5 | 3.5 | 2.7 | 3.0 | 4.5 | 3.5 | 3.7 | 8.3 | 10.0 | 31.9 | 27.3 | 7.7 | 930 |
| | 18-20 | 3.9 | 6.7 | 4.8 | 4.7 | 5.3 | 2.8 | 3.7 | 6.7 | 8.7 | 17.8 | 35.5 | 7.2 | 930 |
| | 21-23 | 8.2 | 6.6 | 5.3 | 4.2 | 3.0 | 4.3 | 4.3 | 5.4 | 5.9 | 12.3 | 40.6 | 6.9 | 930 |
| | TOTALS | 4.1 | 5.4 | 4.5 | 4.4 | 4.1 | 3.2 | 3.7 | 6.0 | 8.5 | 21.2 | 34.8 | 7.3 | 7440 |

DATA PROCESSING DIVISION
FTAC/USAF
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# SKY COVER

25206 PRINCE GEORGE A C OUT APT 57-66 NOV
STATION STATION NAME PERIOD MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 7.0 | 5.8 | 5.7 | 3.7 | 2.2 | 1.8 | 3.3 | 4.3 | 4.8 | 9.4 | 52.0 | 7.4 | 900 |
| | 03-05 | 6.8 | 3.7 | 6.3 | 3.7 | 4.2 | 2.4 | 2.7 | 3.2 | 5.1 | 11.0 | 50.9 | 7.4 | 900 |
| | 06-08 | 2.4 | 3.8 | 4.6 | 5.7 | 4.4 | 3.4 | 3.2 | 5.4 | 7.7 | 17.9 | 41.6 | 7.6 | 900 |
| | 09-11 | .9 | 3.1 | 3.4 | 4.8 | 3.8 | 3.2 | 3.0 | 5.4 | 8.9 | 27.9 | 35.6 | 7.9 | 900 |
| | 12-14 | | 2.8 | 3.6 | 2.6 | 4.0 | 3.0 | 4.7 | 5.2 | 8.2 | 28.4 | 37.6 | 8.1 | 900 |
| | 15-17 | .7 | 2.8 | 4.3 | 2.9 | 4.7 | 2.8 | 3.0 | 5.3 | 9.0 | 27.7 | 36.9 | 8.0 | 900 |
| | 18-20 | 4.3 | 3.6 | 4.0 | 4.3 | 3.4 | 3.3 | 3.8 | 5.9 | 6.6 | 13.4 | 47.3 | 7.7 | 900 |
| | 21-23 | 6.3 | 5.6 | 4.2 | 4.2 | 4.1 | 3.7 | 2.4 | 5.7 | 4.0 | 10.3 | 49.8 | 7.4 | 900 |
| | TOTALS | 3.5 | 3.9 | 4.5 | 4.0 | 3.9 | 3.0 | 3.3 | 5.1 | 6.8 | 18.3 | 44.0 | 7.7 | 7200 |

USAFETAC FORM 0-9-5 (OL-1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

| STATION | STATION NAME | PERIOD | MONTH |
|---|---|---|---|
| 25206 | PRINCE GEORGE A C (DOT APT | 57-66 | DEC |

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 6.9 | 4.5 | 4.1 | 3.9 | 3.2 | 2.5 | 3.2 | 3.4 | 5.4 | 13.0 | 49.9 | 7.5 | 930 |
| | 03-05 | 5.5 | 4.0 | 5.3 | 3.5 | 4.3 | 3.0 | 2.7 | 3.0 | 5.8 | 10.1 | 52.8 | 7.6 | 930 |
| | 06-08 | 2.8 | 4.6 | 5.3 | 3.7 | 3.2 | 2.4 | 3.3 | 4.4 | 6.5 | 14.8 | 49.0 | 7.8 | 930 |
| | 09-11 | .3 | 3.0 | 3.1 | 5.3 | 3.9 | 2.4 | 2.8 | 4.7 | 8.2 | 27.2 | 39.1 | 8.0 | 930 |
| | 12-14 | .3 | 4.4 | 4.2 | 3.1 | 1.9 | 2.6 | 2.7 | 3.4 | 7.8 | 30.1 | 39.4 | 8.1 | 930 |
| | 15-17 | .9 | 3.4 | 3.8 | 3.7 | 3.3 | 2.5 | 2.5 | 4.4 | 8.7 | 26.7 | 40.2 | 8.1 | 930 |
| | 18-20 | 4.6 | 3.0 | 4.1 | 3.5 | 3.1 | 2.4 | 3.0 | 4.6 | 7.0 | 13.1 | 51.5 | 7.9 | 930 |
| | 21-23 | 6.0 | 2.9 | 4.7 | 5.4 | 2.9 | 2.8 | 2.6 | 4.3 | 5.9 | 11.4 | 50.3 | 7.5 | 930 |
| | TOTALS | 3.5 | 3.7 | 4.3 | 4.0 | 3.2 | 2.6 | 2.9 | 4.0 | 6.9 | 18.3 | 46.5 | 7.8 | 7440 |

DATA PROCESSING DIVISION
DL10/DL3
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

# 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 presentation follows:

1. Cumulative representative 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 deviation, and total number of observations in three separate tables as follows:

   a. Daily maximum temperature
   b. Daily minimum temperature
   c. Daily mean temperature

   DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This summation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb temperatures in 17 cells set up horizontally by 2-degree intervals of dry-bulb temperature vertically. This provides for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperatures 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 require two pages in some cases.

   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 computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for the various 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 tabulations 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 manual 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 available are combined. Tables are prepared for the following:

a. Dry-bulb temperature
b. Wet-bulb temperature
c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

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# PSYCHROMETRIC SUMMARY

2528 — STATION
PRINCE GEORGE [illegible] APT — STATION NAME
57-66 — YEARS
ALL — MONTH
PAGE — 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 | | | | | | | | | | | | | | | .0 | .0 | | | .0 | 1 | | | |
| 90 | | | | | | | | | | | | | .1 | .0 | .0 | .0 | .0 | .0 | .0 | 16 | | | |
| 88 | 87 | | | | | | | | | | | .1 | .1 | .0 | .0 | .0 | .0 | | | 50 | 31 | | |
| 86 | | | | | | | | | | | | .1 | .1 | .0 | .0 | .1 | | | | 56 | 56 | | |
| 84 | 8 | | | | | | | | | | | .1 | .1 | .0 | .0 | .0 | .0 | | | 143 | 14 | | |
| 82 | | | | | | | | | | .0 | | .1 | .1 | .0 | .0 | .1 | | | | 184 | 18 | | |
| 80 | | | | | | | | | .1 | .0 | | .1 | .1 | .0 | .0 | | | | | 356 | 35 | | |
| 78 | | | | | | | | .1 | .1 | .1 | | .1 | .1 | .0 | .0 | | | | | 429 | | | |
| 76 | | | | | | | .1 | .1 | .1 | .1 | | .1 | .1 | .1 | | | | | | 47 | | | |
| 74 | | | | | | | .1 | .1 | .1 | .2 | | .1 | .1 | .0 | | | | | | 636 | | | |
| 72 | 71 | | | | | .1 | .1 | .2 | .1 | .2 | | .1 | .1 | .0 | | | | | | 829 | 82 | | |
| 70 | 69 | | | | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | 924 | 92 | | |
| 68 | 67 | | | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .0 | | | | | | | 1173 | 117 | 5 | |
| 66 | 65 | | .1 | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | 1387 | 138 | 38 | |
| 64 | 63 | | .1 | .1 | .1 | .1 | .1 | .1 | .2 | .2 | .1 | .1 | | | | | | | | 1523 | 152 | 304 | 2 |
| 62 | 61 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | .2 | .1 | .1 | .0 | | | | | | | | 1831 | 183 | 701 | 35 |
| 60 | 59 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .2 | .1 | .1 | | | | | | | | | 2338 | 233 | 1416 | 117 |
| 58 | 57 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .2 | .1 | .1 | | | | | | | | | 2556 | 255 | 1957 | 458 |
| 56 | 55 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | .0 | .1 | | | | | | | | | 3057 | 305 | 781 | 1009 |
| 54 | 53 | .1 | .1 | .3 | .2 | .1 | .2 | .2 | .1 | .0 | | | | | | | | | | 3186 | 318 | 3450 | 1641 |
| 52 | 51 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | 3528 | 352 | 3891 | 2515 |
| 50 | 49 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | 3730 | 373 | 4582 | 3443 |
| 48 | 47 | .1 | .1 | .3 | .2 | .1 | .1 | .2 | .1 | | | | | | | | | | | 3670 | 367 | 4203 | 3836 |
| 46 | 45 | .1 | .1 | .2 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | 3654 | 365 | 4290 | 4252 |
| 44 | 43 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 3348 | 334 | 3780 | 3969 |
| 42 | 41 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 3354 | 3354 | 3473 | 4054 |
| 40 | 39 | .1 | .1 | .2 | .1 | .1 | .1 | .1 | | | | | | | | | | | | 3638 | 3638 | 3892 | 3677 |
| 38 | 37 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 3697 | 369 | 4125 | 4367 |
| 36 | 35 | .1 | .1 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 3900 | 3900 | 4665 | 3606 |
| 34 | 33 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 4303 | 430 | 5018 | 4389 |
| 32 | 31 | .1 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 4312 | 431 | 5553 | 5206 |
| 30 | 29 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 3721 | 372 | 4594 | 5167 |
| 28 | 27 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 2789 | 2789 | 3785 | 4901 |
| 26 | 25 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 2278 | 2278 | 3091 | 4630 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | 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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 — STATION

PRINCE GEORGE B C DOT APT — STATION NAME

57-66 — YEARS

ALL — MONTH



ALL — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24/ 23 | .7 | 1.1 | .2 | .0 | .0 | | | | | | | | | | | | | 1724 | 1724 | 2192 | 4203 |
| 22/ 21 | .7 | 1.0 | .1 | .0 | | | | | | | | | | | | | | 1579 | 1579 | 1758 | 3618 |
| 20/ 19 | .9 | .8 | .1 | .0 | | | | | | | | | | | | | | 1395 | 1395 | 1772 | 2859 |
| 18/ 17 | .8 | .6 | .1 | .0 | | | | | | | | | | | | | | 1255 | 1255 | 1446 | 2408 |
| 16/ 15 | .7 | .5 | .1 | .0 | | | | | | | | | | | | | | 1096 | 1096 | 1184 | 1775 |
| 14/ 13 | .6 | .4 | .1 | | | | | | | | | | | | | | | 987 | 987 | 1014 | 1433 |
| 12/ 11 | .6 | .4 | .0 | | | | | | | | | | | | | | | 848 | 848 | 910 | 1149 |
| 10/ 9 | .6 | .4 | .0 | | | | | | | | | | | | | | | 901 | 901 | 952 | 949 |
| 8/ 7 | .5 | .3 | .0 | | | | | | | | | | | | | | | 714 | 714 | 772 | 906 |
| 6/ 5 | .5 | .3 | .0 | | | | | | | | | | | | | | | 713 | 713 | 711 | 908 |
| 4/ 3 | .5 | .2 | | | | | | | | | | | | | | | | 604 | 604 | 649 | 725 |
| 2/ 1 | .5 | .2 | | | | | | | | | | | | | | | | 588 | 588 | 608 | 678 |
| 0/ -1 | .5 | .2 | | | | | | | | | | | | | | | | 585 | 585 | 584 | 595 |
| -2/ -3 | .4 | .1 | | | | | | | | | | | | | | | | 490 | 490 | 527 | 515 |
| -4/ -5 | .4 | .1 | | | | | | | | | | | | | | | | 441 | 441 | 453 | 389 |
| -6/ -7 | .3 | .1 | | | | | | | | | | | | | | | | 365 | 365 | 375 | 565 |
| -8/ -9 | .3 | .1 | | | | | | | | | | | | | | | | 340 | 340 | 348 | 560 |
| -10/-11 | .3 | .0 | | | | | | | | | | | | | | | | 297 | 297 | 309 | 445 |
| -12/-13 | .3 | .0 | | | | | | | | | | | | | | | | 243 | 243 | 249 | 397 |
| -14/-15 | .3 | .0 | | | | | | | | | | | | | | | | 256 | 256 | 251 | 368 |
| -16/-17 | .2 | .0 | | | | | | | | | | | | | | | | 182 | 182 | 184 | 289 |
| -18/-19 | .2 | .0 | | | | | | | | | | | | | | | | 177 | 177 | 181 | 251 |
| -20/-21 | .1 | .0 | | | | | | | | | | | | | | | | 134 | 134 | 134 | 245 |
| -22/-23 | .1 | | | | | | | | | | | | | | | | | 91 | 91 | 92 | 204 |
| -24/-25 | .1 | .0 | | | | | | | | | | | | | | | | 108 | 108 | 107 | 149 |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 85 | 85 | 86 | 168 |
| -28/-29 | .1 | | | | | | | | | | | | | | | | | 66 | 68 | 66 | 128 |
| -30/-31 | .0 | | | | | | | | | | | | | | | | | 35 | 37 | 35 | 95 |
| -32/-33 | .0 | | | | | | | | | | | | | | | | | 20 | 23 | 20 | 67 |
| -34/-35 | .0 | | | | | | | | | | | | | | | | | 6 | 11 | 6 | 34 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 16 | | 21 |
| -38/-39 | | | | | | | | | | | | | | | | | | | 7 | | 8 |
| -40/-41 | | | | | | | | | | | | | | | | | | | 11 | | 3 |
| -42/-43 | | | | | | | | | | | | | | | | | | | 8 | | 1 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| 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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C INT APT STATION NAME | 57-66 YEARS | ALL MONTH

 ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -44 - -45 | | | | | | | | | | | | | | | | | | | | | 1 |
| -46 - -47 | | | | | | | | | | | | | | | | | | | | | |
| -50 - -51 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | .0 | .3 | .3 | .4 | 9.0 | 6.7 | 10.2 | 3.6 | 1.1 | .7 | .1 | .1 | .1 | .2 | .1 | .0 | .0 | .0 | 87583 | 87583 | 87583 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 505639495 | 6433233 | 73.5 | 19.434 | 87579 | | | | | | | |
| Dry Bulb | 64618949 | 3394379 | 38.7 | 17.452 | 87647 | 398.1 | 2965.4 | 525.8 | 233.2 | 60.4 | | 8760 |
| Wet Bulb | 29450259 | 3013441 | 34.7 | 16.448 | 87583 | 402.0 | 3501.9 | .5 | | | | 8760 |
| Dew Point | 10252192 | 2604570 | 29.7 | 16.483 | 87583 | 570.8 | 4722.9 | | | | | 8760 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 — STATION NUMBER
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
JAN — MONTH
PAGE 1
ALL — HOURS

| Temp. F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 / 47 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | |
| 46 / 45 | | | .1 | .1 | .0 | .1 | | | | | | | | | | | | 17 | 17 | |
| 44 / 43 | | | .2 | .8 | .1 | .0 | | | | | | | | | | | | 83 | 83 | |
| 42 / 41 | | .0 | .5 | .5 | .2 | | | | | | | | | | | | | 89 | 89 | 2 | |
| 40 / 39 | | .2 | .7 | .4 | .1 | | | | | | | | | | | | | 98 | 98 | 41 | 1 |
| 38 / 37 | | .9 | 1.4 | .4 | | | | | | | | | | | | | | 204 | 204 | 137 | 3 |
| 36 / 35 | .2 | 1.9 | 1.6 | .1 | | | | | | | | | | | | | | 285 | 285 | 222 | 59 |
| 34 / 33 | 1.1 | 2.9 | .9 | .0 | | | | | | | | | | | | | | 360 | 360 | 395 | 214 |
| 32 / 31 | 1.9 | 2.7 | 1.2 | | | | | | | | | | | | | | | 429 | 429 | 489 | 422 |
| 30 / 29 | 1.4 | 3.1 | .9 | | | | | | | | | | | | | | | 397 | 397 | 400 | 430 |
| 28 / 27 | 1.3 | 2.7 | .3 | | | | | | | | | | | | | | | 319 | 319 | 406 | 395 |
| 26 / 25 | 1.8 | 2.4 | .1 | | | | | | | | | | | | | | | 321 | 321 | 386 | 406 |
| 24 / 23 | 1.9 | 2.0 | .1 | | | | | | | | | | | | | | | 293 | 293 | 305 | 339 |
| 22 / 21 | 1.8 | 1.9 | .0 | | | | | | | | | | | | | | | 276 | 276 | 307 | 388 |
| 20 / 19 | 2.8 | 1.6 | | | | | | | | | | | | | | | | 329 | 329 | 352 | 318 |
| 18 / 17 | 2.5 | 1.0 | | | | | | | | | | | | | | | | 257 | 257 | 278 | 360 |
| 16 / 15 | 2.3 | 1.0 | .0 | | | | | | | | | | | | | | | 245 | 245 | 252 | 277 |
| 14 / 13 | 2.7 | .9 | .1 | | | | | | | | | | | | | | | 268 | 268 | 254 | 256 |
| 12 / 11 | 2.3 | 1.0 | | | | | | | | | | | | | | | | 244 | 244 | 249 | 241 |
| 10 / 9 | 2.7 | 1.2 | | | | | | | | | | | | | | | | 287 | 287 | 279 | 219 |
| 8 / 7 | 2.0 | .8 | | | | | | | | | | | | | | | | 205 | 205 | 222 | 220 |
| 6 / 5 | 2.1 | .8 | | | | | | | | | | | | | | | | 210 | 210 | 215 | 239 |
| 4 / 3 | 1.8 | .7 | | | | | | | | | | | | | | | | 182 | 182 | 180 | 193 |
| 2 / 1 | 1.9 | .7 | | | | | | | | | | | | | | | | 194 | 194 | 198 | 182 |
| 0 / -1 | 1.9 | .8 | | | | | | | | | | | | | | | | 203 | 203 | 195 | 166 |
| -2 / -3 | 1.6 | .5 | | | | | | | | | | | | | | | | 152 | 152 | 167 | 145 |
| -4 / -5 | 1.8 | .3 | | | | | | | | | | | | | | | | 156 | 156 | 165 | 177 |
| -6 / -7 | 1.6 | .3 | | | | | | | | | | | | | | | | 141 | 141 | 138 | 182 |
| -8 / -9 | 1.8 | .3 | | | | | | | | | | | | | | | | 158 | 158 | 160 | 180 |
| -10 / -11 | 1.8 | .2 | | | | | | | | | | | | | | | | 147 | 147 | 150 | 142 |
| -12 / -13 | 1.6 | .2 | | | | | | | | | | | | | | | | 128 | 128 | 131 | 141 |
| -14 / -15 | 2.0 | .2 | | | | | | | | | | | | | | | | 163 | 163 | 159 | 150 |
| -16 / -17 | 1.4 | .2 | | | | | | | | | | | | | | | | 114 | 114 | 115 | 126 |
| -18 / -19 | 1.3 | .1 | | | | | | | | | | | | | | | | 105 | 105 | 108 | 140 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 DIVISION
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AIR WEATHER SERVICE/MAC

# 2 PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

PAGE 2 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20/-21 | .1 | .0 | | | | | | | | | | | | | | | | 73 | 73 | 76 | 123 |
| -22/-23 | .1 | | | | | | | | | | | | | | | | | 50 | 50 | 51 | 122 |
| -24/-25 | .9 | .0 | | | | | | | | | | | | | | | | 70 | 70 | 70 | 91 |
| -26/-27 | .7 | | | | | | | | | | | | | | | | | 54 | 54 | 54 | 104 |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 40 | 41 | 40 | 81 |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | 27 | 28 | 27 | 69 |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | 17 | 20 | 17 | 43 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 5 | 8 | 5 | 30 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 12 | | 14 |
| -38/-39 | | | | | | | | | | | | | | | | | | | 7 | | 7 |
| -40/-41 | | | | | | | | | | | | | | | | | | | 9 | | 1 |
| -42/-43 | | | | | | | | | | | | | | | | | | | 5 | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | 2 | | 1 |
| TOTAL | 95.5 | 33.5 | 8.1 | 2.4 | .4 | .1 | | | | | | | | | | | | 7397 | 7440 | 7397 | 7397 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 51180223 | 610365 | 82.5 | 10.416 | 7395 | | | | | | | |
| Dry Bulb | 3890113 | 101551 | 13.6 | 18.347 | 7440 | 184.6 | 630.2 | | | | | 744 |
| Wet Bulb | 3468809 | 96899 | 13.1 | 17.245 | 7397 | 183.9 | 663.8 | | | | | 744 |
| Dew Point | 3118314 | 69926 | 9.5 | 18.228 | 7397 | 224.8 | 716.1 | | | | | 744 |

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

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**2**

# PSYCHROMETRIC SUMMARY

25206 (STATION) PRINCE GEORGE B C DOT APT (STATION NAME) 57-66 (YEARS) FEB (MONTH)

PAGE 1 ALL (HOURS L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54/ 53 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 52/ 51 | | | | | .1 | .1 | | | | | | | | | | | | 8 | 8 | | |
| 50/ 49 | | | | .0 | .1 | .1 | | | | | | | | | | | | 14 | 14 | | |
| 48/ 47 | | | | .3 | .4 | .2 | | | | | | | | | | | | 62 | 62 | | |
| 46/ 45 | | | .1 | .3 | .4 | .0 | | | | | | | | | | | | 54 | 54 | 2 | |
| 44/ 43 | | | .2 | .8 | .4 | | | | | | | | | | | | | 96 | 96 | 6 | |
| 42/ 41 | .0 | .2 | .5 | 1.0 | .7 | .0 | | | | | | | | | | | | 170 | 170 | 47 | 1 |
| 40/ 39 | .2 | .4 | 1.3 | 1.2 | .4 | | | | | | | | | | | | | 255 | 255 | 120 | 29 |
| 38/ 37 | .1 | 1.5 | 2.1 | 1.0 | .1 | .0 | | | | | | | | | | | | 335 | 335 | 178 | 30 |
| 36/ 35 | .7 | 2.1 | 2.3 | .9 | .1 | | | | | | | | | | | | | 414 | 414 | 441 | 118 |
| 34/ 33 | 1.3 | 3.4 | 2.9 | .5 | .0 | | | | | | | | | | | | | 492 | 492 | 490 | 297 |
| 32/ 31 | 1.1 | 2.9 | 2.2 | .3 | | | | | | | | | | | | | | 447 | 447 | 580 | 416 |
| 30/ 29 | 1.3 | 3.2 | 2.1 | .3 | | | | | | | | | | | | | | 462 | 462 | 458 | 459 |
| 28/ 27 | .8 | 2.7 | 1.6 | .0 | | | | | | | | | | | | | | 347 | 347 | 474 | 471 |
| 26/ 25 | 1.4 | 3.2 | .9 | .0 | | | | | | | | | | | | | | 376 | 376 | 448 | 454 |
| 24/ 23 | 1.4 | 2.5 | .8 | | | | | | | | | | | | | | | 319 | 319 | 422 | 469 |
| 22/ 21 | 1.6 | 2.5 | .5 | .0 | | | | | | | | | | | | | | 309 | 309 | 312 | 435 |
| 20/ 19 | 1.7 | 2.1 | .5 | .0 | | | | | | | | | | | | | | 291 | 291 | 333 | 388 |
| 18/ 17 | 1.6 | 1.9 | .3 | | | | | | | | | | | | | | | 252 | 252 | 276 | 385 |
| 16/ 15 | 1.7 | 1.5 | .2 | | | | | | | | | | | | | | | 232 | 232 | 268 | 296 |
| 14/ 13 | 1.7 | 1.7 | .2 | | | | | | | | | | | | | | | 246 | 246 | 238 | 282 |
| 12/ 11 | 1.6 | 1.4 | .1 | | | | | | | | | | | | | | | 209 | 209 | 212 | 260 |
| 10/ 9 | 1.8 | 1.4 | .1 | | | | | | | | | | | | | | | 223 | 223 | 258 | 203 |
| 8/ 7 | 1.6 | .9 | .0 | | | | | | | | | | | | | | | 167 | 167 | 182 | 227 |
| 6/ 5 | 1.6 | .9 | | | | | | | | | | | | | | | | 173 | 173 | 172 | 233 |
| 4/ 3 | 1.2 | .7 | | | | | | | | | | | | | | | | 128 | 128 | 145 | 172 |
| 2/ 1 | 1.4 | .4 | | | | | | | | | | | | | | | | 120 | 120 | 129 | 168 |
| 0/ -1 | 1.0 | .3 | | | | | | | | | | | | | | | | 90 | 90 | 94 | 141 |
| -2/ -3 | .9 | .2 | | | | | | | | | | | | | | | | 72 | 72 | 72 | 139 |
| -4/ -5 | .8 | .1 | | | | | | | | | | | | | | | | 64 | 64 | 68 | 122 |
| -6/ -7 | .6 | .1 | | | | | | | | | | | | | | | | 51 | 51 | 49 | 102 |
| -8/ -9 | .7 | .1 | | | | | | | | | | | | | | | | 54 | 54 | 54 | 82 |
| -10/-11 | .5 | .0 | | | | | | | | | | | | | | | | 53 | 53 | 58 | 66 |
| -12/-13 | .5 | .0 | | | | | | | | | | | | | | | | 40 | 40 | 40 | 68 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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

25206 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 2 | ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -14/-15 | .2 | .0 | | | | | | | | | | | | | | | | 15 | 18 | 17 | 44 |
| -16/-17 | .3 | .0 | | | | | | | | | | | | | | | | 25 | 25 | 25 | 42 |
| -18/-19 | .4 | .0 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 31 |
| -20/-21 | .3 | | | | | | | | | | | | | | | | | 23 | 23 | 24 | 24 |
| -22/-23 | .2 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 33 |
| -24/-25 | .1 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 20 |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 8 | 8 | 9 | 18 |
| -28/-29 | .1 | | | | | | | | | | | | | | | | | 10 | 11 | 10 | 9 |
| -30/-31 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 |
| -32/-33 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 |
| -34/-35 | .0 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | 1 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | 5 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 2 |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 33.2 | 38.7 | 18.2 | 6.7 | 2.8 | .4 | | | | | | | | | | | | | 6768 | | 6764 |
| | | | | | | | | | | | | | | | | | | 6764 | | 6764 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 42594830 | 529160 | 78.2 | 13.275 | 6763 | | | | | | | |
| Dry Bulb | 4833284 | 151646 | 22.4 | 14.565 | 6768 | 56.2 | 483.2 | | | | | 672 |
| Wet Bulb | 4109793 | 140047 | 20.7 | 13.377 | 6764 | 56.9 | 544.4 | | | | | 672 |
| Dew Point | 3108343 | 110229 | 16.3 | 13.928 | 6764 | 96.5 | 624.8 | | | | | 672 |

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

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# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C DOT ART STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 | ALL HOURS L.S.T.

| Temp. F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 / 63 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 62 / 61 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 60 / 59 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 58 / 57 | | | | | | .1 | .0 | .1 | | | | | | | | | | 11 | 11 | | |
| 56 / 55 | | | | | .0 | .1 | .1 | .1 | | | | | | | | | | 20 | 20 | | |
| 54 / 53 | | | | | .0 | .1 | .1 | .0 | | | | | | | | | | 24 | 24 | | |
| 52 / 51 | | | | .0 | .1 | .3 | .1 | | | | | | | | | | | 50 | 50 | | |
| 50 / 49 | | | .0 | .1 | .4 | .5 | .1 | .0 | | | | | | | | | | 89 | 89 | | |
| 48 / 47 | | | .1 | .1 | .5 | .6 | .2 | | | | | | | | | | | 107 | 107 | 11 | |
| 46 / 45 | | .1 | .1 | .4 | .9 | .4 | .1 | | | | | | | | | | | 151 | 151 | 24 | |
| 44 / 43 | | .1 | .2 | .9 | 1.3 | .6 | .1 | | | | | | | | | | | 238 | 238 | 60 | 5 |
| 42 / 41 | .1 | .1 | .5 | 1.3 | 1.5 | .6 | | | | | | | | | | | | 312 | 312 | 92 | 7 |
| 40 / 39 | .1 | .6 | 1.2 | 2.1 | 1.5 | .1 | | | | | | | | | | | | 415 | 415 | 191 | 31 |
| 38 / 37 | .2 | 1.3 | 2.2 | 2.3 | .6 | .0 | | | | | | | | | | | | 496 | 496 | 321 | 58 |
| 36 / 35 | .4 | 2.3 | 3.2 | 1.5 | .3 | | | | | | | | | | | | | 579 | 579 | 533 | 145 |
| 34 / 33 | .8 | 3.6 | 3.2 | 1.5 | .1 | | | | | | | | | | | | | 689 | 689 | 741 | 249 |
| 32 / 31 | 1.2 | 3.5 | 3.1 | .7 | .0 | | | | | | | | | | | | | 632 | 632 | 922 | 498 |
| 30 / 29 | 1.7 | 4.4 | 2.7 | .6 | .0 | | | | | | | | | | | | | 699 | 699 | 839 | 635 |
| 28 / 27 | 1.2 | 4.2 | 1.5 | .3 | .0 | | | | | | | | | | | | | 538 | 538 | 743 | 694 |
| 26 / 25 | 1.1 | 3.0 | 1.2 | .3 | .0 | | | | | | | | | | | | | 420 | 420 | 611 | 763 |
| 24 / 23 | .6 | 2.2 | .9 | .2 | .0 | | | | | | | | | | | | | 294 | 294 | 380 | 769 |
| 22 / 21 | .5 | 1.9 | .5 | .1 | | | | | | | | | | | | | | 225 | 225 | 291 | 675 |
| 20 / 19 | .8 | 1.9 | .6 | .2 | | | | | | | | | | | | | | 260 | 260 | 298 | 505 |
| 18 / 17 | .6 | 1.2 | .3 | .2 | | | | | | | | | | | | | | 174 | 174 | 218 | 400 |
| 16 / 15 | .5 | 1.1 | .5 | .0 | | | | | | | | | | | | | | 162 | 162 | 185 | 326 |
| 14 / 13 | .4 | .9 | .4 | | | | | | | | | | | | | | | 126 | 126 | 137 | 240 |
| 12 / 11 | .5 | .8 | .3 | | | | | | | | | | | | | | | 113 | 113 | 149 | 195 |
| 10 / 9 | .8 | .7 | .1 | | | | | | | | | | | | | | | 120 | 120 | 132 | 148 |
| 8 / 7 | .3 | .7 | .1 | | | | | | | | | | | | | | | 82 | 82 | 105 | 151 |
| 6 / 5 | .2 | .7 | .1 | | | | | | | | | | | | | | | 73 | 73 | 75 | 136 |
| 4 / 3 | .3 | .6 | | | | | | | | | | | | | | | | 66 | 66 | 76 | 90 |
| 2 / 1 | .3 | .4 | | | | | | | | | | | | | | | | 62 | 62 | 70 | 82 |
| 0 / -1 | .3 | .3 | | | | | | | | | | | | | | | | 46 | 46 | 60 | 69 |
| -2 / -3 | .3 | .3 | | | | | | | | | | | | | | | | 42 | 42 | 46 | 71 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

252BA — STATION
PRINCE GEORGE B C OUT APT — STATION NAME
57-66 — YEARS
APR — MONTH

PAGE 2
ALL — HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -4/-5 | .4 | .2 | | | | | | | | | | | | | | | | 37 | 37 | 39 | 71 |
| -6/-7 | .2 | .1 | | | | | | | | | | | | | | | | 22 | 22 | 25 | 90 |
| -8/-9 | .2 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 19 | 100 |
| -10/-11 | .1 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 13 | 64 |
| -12/-13 | .1 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 11 | 57 |
| -14/-15 | .1 | .0 | | | | | | | | | | | | | | | | 11 | 11 | 11 | 38 |
| -16/-17 | .0 | .0 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 23 |
| -18/-19 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 7 |
| -20/-21 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 23 |
| -22/-23 | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 12 |
| -24/-25 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 1 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 3 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 5 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4.3 | 37.6 | 22.8 | 13.1 | 7.5 | 3.5 | 1.0 | .2 | .0 | .0 | | | | | | | | | 744 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7440 | | 7440 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 39,58465 | 524929 | 70.6 | 17.265 | 7439 | | | | | | | |
| Dry Bulb | 7364631 | 216793 | 29.1 | 11.867 | 7440 | 21.0 | 425.6 | | | | | 744 |
| Wet Bulb | 5857478 | 194012 | 26.1 | 10.359 | 7440 | 23.6 | 546.7 | | | | | 744 |
| Dew Point | 3972894 | 148598 | 20.0 | 11.623 | 7440 | 63.6 | 694.5 | | | | | 744 |

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

2

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DOT APT 57-66 APR
STATION STATION NAME YEARS MONTH

PAGE 1 ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | | .0 | .0 | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | | | | | | .0 | .0 | | .0 | .0 | | | | | | 5 | 6 | | |
| 68/ 67 | | | | | | | | .0 | .1 | .1 | .1 | | | | | | | 17 | 17 | | |
| 66/ 65 | | | | | | | | .0 | .1 | .1 | .1 | | | | | | | 27 | 27 | | |
| 64/ 63 | | | | | | | .1 | .2 | .2 | .1 | .0 | | | | | | | 43 | 43 | | |
| 62/ 61 | | | | | .0 | .0 | .1 | .3 | .3 | | | | | | | | | 46 | 46 | | |
| 60/ 59 | | | | .0 | | .1 | .2 | .3 | .3 | .1 | | | | | | | | 71 | 71 | | |
| 58/ 57 | | | | | .0 | .1 | .4 | .4 | .2 | .0 | | | | | | | | 88 | 88 | 1 | |
| 56/ 55 | | | | .1 | .1 | .3 | .8 | .4 | .2 | | | | | | | | | 127 | 127 | 3 | |
| 54/ 53 | | | .0 | .2 | .1 | .5 | .7 | .5 | .1 | | | | | | | | | 152 | 152 | 5 | |
| 52/ 51 | | | .0 | .2 | .4 | 1.0 | 1.3 | .5 | .0 | | | | | | | | | 246 | 246 | 16 | |
| 50/ 49 | | | .3 | .4 | .8 | 1.6 | 1.4 | .1 | .0 | | | | | | | | | 337 | 337 | 55 | 1 |
| 48/ 47 | | .2 | .2 | .6 | 1.5 | 2.0 | 1.2 | .1 | | | | | | | | | | 417 | 417 | 113 | 1 |
| 46/ 45 | .0 | .3 | .4 | 1.4 | 1.8 | 1.8 | .8 | .0 | | | | | | | | | | 476 | 476 | 182 | 21 |
| 44/ 43 | .1 | .5 | 1.1 | 1.6 | 2.3 | 1.9 | .2 | | | | | | | | | | | 551 | 551 | 252 | 53 |
| 42/ 41 | .2 | 1.1 | 1.5 | 2.4 | 2.3 | .7 | .0 | | | | | | | | | | | 594 | 594 | 426 | 80 |
| 40/ 39 | .2 | 1.9 | 2.0 | 2.8 | 1.8 | .2 | .0 | | | | | | | | | | | 642 | 642 | 702 | 132 |
| 38/ 37 | .6 | 2.4 | 2.7 | 2.8 | .8 | .1 | | | | | | | | | | | | 678 | 678 | 863 | 241 |
| 36/ 35 | .8 | 2.8 | 3.2 | 2.2 | .1 | .0 | | | | | | | | | | | | 655 | 655 | 981 | 365 |
| 34/ 33 | 1.3 | 2.9 | 2.4 | 1.0 | .1 | | | | | | | | | | | | | 595 | 595 | 1002 | 573 |
| 32/ 31 | .6 | 3.2 | 2.5 | .5 | .1 | | | | | | | | | | | | | 492 | 492 | 865 | 633 |
| 30/ 29 | .6 | 2.6 | 1.8 | .2 | | | | | | | | | | | | | | 374 | 374 | 647 | 785 |
| 28/ 27 | .3 | 2.1 | 1.0 | .1 | | | | | | | | | | | | | | 248 | 248 | 467 | 753 |
| 26/ 25 | .1 | 1.3 | .4 | .1 | | | | | | | | | | | | | | 135 | 135 | 299 | 781 |
| 24/ 23 | .1 | .5 | .2 | .0 | | | | | | | | | | | | | | 52 | 52 | 133 | 791 |
| 22/ 21 | .1 | .2 | .2 | | | | | | | | | | | | | | | 34 | 34 | 58 | 697 |
| 20/ 19 | .0 | .1 | .1 | | | | | | | | | | | | | | | 19 | 19 | 32 | 558 |
| 18/ 17 | .0 | .0 | .0 | | | | | | | | | | | | | | | 6 | 6 | 21 | 304 |
| 16/ 15 | .0 | .1 | .0 | | | | | | | | | | | | | | | 9 | 9 | 11 | 130 |
| 14/ 13 | .0 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 87 |
| 12/ 11 | .1 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 60 |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 13 | 51 |
| 8/ 7 | .1 | .0 | | | | | | | | | | | | | | | | 9 | 9 | 11 | 31 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

# PSYCHROMETRIC SUMMARY

252 [illegible] PRICE [illegible] APT — [illegible] 60 — YEARS — [illegible] MONTH

PAGE [illegible] ALL HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | [illegible] | [illegible] | | | | | | | | | | | | | | | | [illegible] | 28 |
| 40 | [illegible] | [illegible] | | | | | | | | | | | | | | | | [illegible] | 18 |
| 20 | [illegible] | | | | | | | | | | | | | | | | | [illegible] | 9 |
| 0 | [illegible] | | | | | | | | | | | | | | | | | [illegible] | 10 |
| -20 | [illegible] | | | | | | | | | | | | | | | | | [illegible] | 3 |
| -40 | [illegible] | | | | | | | | | | | | | | | | | [illegible] | 2 |
| -60 | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 7200 |
| | | | | | | | | | | | | | | | | | | 7200 | [illegible] |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] 212426 | 4[illegible]0 02 | 62.02 | [illegible].11 | 7200 | | | | | | | |
| Dry Bulb | [illegible] 17.8 | 286[illegible]4 | 39.8 | 9.114 | 7200 | .4 | 142.9 | 2.6 | .1 | | | 720 |
| Wet Bulb | [illegible]813.64 | 24767 | 34.4 | [illegible].386 | 7200 | .4 | 259.9 | | | | | 720 |
| Dew Point | 5445248 | 191332 | 26.6 | [illegible].8[illegible] | 7200 | 1.7 | 574.3 | | | | | 720 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252 STATION | P[illegible] CL BURKE G W GIT APT STATION NAME | 52-66 YEARS | A[illegible] MONTH

PAGE 1 | ALL HOUR GROUP

| 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 DB | TOTAL WB | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| >[illegible] | | | | | | | | | | | | | | | | | • | | • | | | | [illegible] | | | | |
| 84 | | | | | | | | | | | | | | | | | • | | • | | | | [illegible] | | | | |
| 82 | | | | | | | | | | | | | | | • | • | • | | • | • | | | [illegible] | | | | |
| 80 | | | | | | | | | | | | | | | • | • | • | | • | • | | | 27 | [illegible] | | | |
| 78 | | | | | | | | | | | | | | | • | • | • | | • | • | | | [illegible] | [illegible] | | | |
| 76 | | | | | | | | | | | | | | • | • | • | • | | • | | | | 23 | | | | |
| 74 | | | | | | | | | | | | | | • | • | • | • | | | | | | 91 | [illegible] | | | |
| 72 | | | | | | | | | | | | | • | • | • | • | • | | | | | | 77 | [illegible] | | | |
| 70 | [illegible] | | | | | | | | | | | • | • | • | • | • | • | | | | | | 111 | 111 | | | |
| 68 | 5 | | | | | | | | | | | • | • | • | • | • | | | | | | | 134 | 134 | | | |
| 66 | [illegible] | | | | | | | | | | • | • | • | • | • | • | | | | | | | 166 | 166 | | | |
| 64 | [illegible] | | | | | | | | | | • | • | • | • | • | | | | | | | | 174 | 174 | | | |
| 62 | [illegible] | | | | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | 254 | [illegible] | | 6 | |
| 60 | 5 | | | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | 295 | [illegible] | | 7 | |
| 58 | [illegible] | | | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | 355 | [illegible] | | 52 | 3 |
| 56 | [illegible] | | • | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | 413 | [illegible] | | 137 | 7 |
| 54 | [illegible] | | • | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | 426 | [illegible] | | 231 | 13 |
| 52 | [illegible] | | • | • | • | • | • | • | • | • | • | • | • | | | | | | | | | | 525 | [illegible] | | 312 | 62 |
| 50 | [illegible] | | • | • | • | • | • | • | • | • | • | • | | | | | | | | | | | 600 | [illegible] | | 479 | 95 |
| 48 | [illegible] | | • | • | • | • | • | • | • | • | • | | | | | | | | | | | | 600 | [illegible] | | 665 | 185 |
| 46 | [illegible] | • | • | • | • | • | • | • | • | • | • | | | | | | | | | | | | 571 | [illegible] | | 859 | 283 |
| 44 | [illegible] | • | • | • | • | • | • | • | • | • | | | | | | | | | | | | | 496 | [illegible] | | 798 | 342 |
| 42 | [illegible] | • | • | • | • | • | • | • | • | | | | | | | | | | | | | | 432 | [illegible] | | 756 | 454 |
| 40 | [illegible] | • | • | • | • | • | • | • | | | | | | | | | | | | | | | 422 | [illegible] | | 758 | 595 |
| 38 | [illegible] | • | • | • | • | • | • | | | | | | | | | | | | | | | | 348 | [illegible] | | 758 | 690 |
| 36 | [illegible] | • | • | • | • | • | | | | | | | | | | | | | | | | | 256 | [illegible] | | 555 | 705 |
| 34 | [illegible] | • | • | • | • | • | | | | | | | | | | | | | | | | | 214 | [illegible] | | 393 | 715 |
| 32 | [illegible] | • | • | • | • | | | | | | | | | | | | | | | | | | 182 | [illegible] | | 317 | 726 |
| 30 | [illegible] | • | • | • | • | | | | | | | | | | | | | | | | | | 115 | [illegible] | | 154 | 670 |
| 28 | [illegible] | • | • | • | • | | | | | | | | | | | | | | | | | | 56 | [illegible] | | 109 | 567 |
| 26 | [illegible] | • | • | • | | | | | | | | | | | | | | | | | | | 8 | [illegible] | | 48 | 469 |
| 24 | [illegible] | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 326 |
| 22 | [illegible] | | | | | | | | | | | | | | | | | | | | | | | | | | 212 |
| 20 | [illegible] | | | | | | | | | | | | | | | | | | | | | | | | | | 133 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | 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 DIVISION
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS

PAGE 2

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18 | [illegible] | | | | | | | | | | | | | | | | | | | 72 |
| 16 | [illegible] | | | | | | | | | | | | | | | | | | | 48 |
| 14 | [illegible] | | | | | | | | | | | | | | | | | | | 24 |
| 12 | [illegible] | | | | | | | | | | | | | | | | | | | 15 |
| 10 | [illegible] | | | | | | | | | | | | | | | | | | | 6 |
| 8 | [illegible] | | | | | | | | | | | | | | | | | | | 2 |
| 6 | [illegible] | | | | | | | | | | | | | | | | | | | 1 |
| 4 | [illegible] | | | | | | | | | | | | | | | | | | | 40 |
| | | | | | | | | | | | | | | | | | | 744 | 744 | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature: ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | [illegible] | [illegible] | [illegible] | 744 | | | | | | | |
| Dry Bulb | [illegible] | [illegible] | 49.31 | .71 | 744 | | 36.1 | 51.2 | 20.0 | 3.0 | | 744 |
| Wet Bulb | [illegible] | [illegible] | 42.0 | 6.752 | 744 | | 66.4 | | | | | 744 |
| Dew Point | [illegible] | [illegible] | 33.7 | 7.711 | 744 | | 329.1 | | | | | 744 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2523 STATION — [illegible] STATION NAME — 57 66 YEARS

PAGE

| 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 | | | | | | | | | | | | | | | | | | | | | |
| 90 89 | | | | | | | | | | | | | | | | | | | | | |
| 88 87 | | | | | | | | | | | | | | | | | | | | | |
| 86 85 | | | | | | | | | | | | | | | | | | | | | |
| 84 83 | | | | | | | | | | | | | | | | | | | | | |
| 82 81 | | | | | | | | | | | | | | | | | | | | | |
| 80 79 | | | | | | | | | | | | | | | | | | | | | |
| 78 77 | | | | | | | | | | | | | | | | | | | | | |
| 76 75 | | | | | | | | | | | | | | | | | | | | | |
| 74 73 | | | | | | | | | | | | | | | | | | | | | |
| 72 71 | | | | | | | | | | | | | | | | | | | | | |
| 70 69 | | | | | | | | | | | | | | | | | | | | | |
| 68 67 | | | | | | | | | | | | | | | | | | | | | |
| 66 65 | | | | | | | | | | | | | | | | | | | | | |
| 64 63 | | | | | | | | | | | | | | | | | | | | | |
| 62 61 | | | | | | | | | | | | | | | | | | | | | |
| 60 59 | | | | | | | | | | | | | | | | | | | | | |
| 58 57 | | | | | | | | | | | | | | | | | | | | | |
| 56 55 | | | | | | | | | | | | | | | | | | | | | |
| 54 53 | | | | | | | | | | | | | | | | | | | | | |
| 52 51 | | | | | | | | | | | | | | | | | | | | | |
| 50 49 | | | | | | | | | | | | | | | | | | | | | |
| 48 47 | | | | | | | | | | | | | | | | | | | | | |
| 46 45 | | | | | | | | | | | | | | | | | | | | | |
| 44 43 | | | | | | | | | | | | | | | | | | | | | |
| 42 41 | | | | | | | | | | | | | | | | | | | | | |
| 40 39 | | | | | | | | | | | | | | | | | | | | | |
| 38 37 | | | | | | | | | | | | | | | | | | | | | |
| 36 35 | | | | | | | | | | | | | | | | | | | | | |
| 34 33 | | | | | | | | | | | | | | | | | | | | | |
| 32 31 | | | | | | | | | | | | | | | | | | | | | |
| 30 29 | | | | | | | | | | | | | | | | | | | | | |
| 28 27 | | | | | | | | | | | | | | | | | | | | | |
| 26 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 | ≥ 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 & VISUAL
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23202 STATION | [illegible] STATION NAME | [illegible] YEARS

PAGE [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B | TOTAL W.B | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24 | 24 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22 | 2 | | | | | | | | | | | | | | | | | | | | | 10 |
| TOTS | [illegible] | | | | | | | | | | | | | | | | | 200 | 200 | | | 00 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3[illegible]7,15 | 4[illegible]4 | 94.8 | 2.[illegible]24 | 200 | | | | | | | |
| Dry Bulb | 2,148,035 | 4,1[illegible]7 | 55.8 | 9.909 | 7200 | | 1.5 | 109.0 | 44.4 | [illegible] | | 720 |
| Wet Bulb | 1,250,05[illegible] | 3,994 | 48.6 | 2.797 | 7200 | | 3.0 | | | | | 720 |
| Dew Point | 1,166,51 | 3,444 | 42.3 | 0.[illegible]85 | 7200 | | 57.0 | | | | | 720 |

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

DATA PROCESSING DIVISION
[illegible]
[illegible] EQUIPMENT SERVICE/USAF

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] MONTH

PAGE [illegible] ALL HOURS [illegible]

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | | | | |
| [illegible] | 9[illegible] | | | | | | | | | | | | | | .0 | . | | | 4 | [illegible] | | | | | | | |
| 90 | 8[illegible] | | | | | | | | | | | | .0 | .0 | .0 | .0 | | | 6 | [illegible] | | | | | | | |
| 88 | 8 | | | | | | | | | | | .0 | .0 | .0 | .1 | .0 | | | 15 | [illegible] | | | | | | | |
| 86 | 8[illegible] | | | | | | | | | | | .0 | .2 | .1 | .1 | | | | 31 | [illegible] | | | | | | | |
| 84 | 8[illegible] | | | | | | | | | | . | .2 | .3 | .2 | .0 | | | | 58 | [illegible] | | | | | | | |
| 82 | 8 | | | | | | | | | .1 | .2 | .3 | .4 | .1 | .0 | | | | 84 | 84 | | | | | | | |
| 80 | 7[illegible] | | | | | | | | . | .3 | .2 | .5 | .2 | .0 | | | | | 108 | 108 | | | | | | | |
| 78 | 7[illegible] | | | | | | | .0 | . | .6 | 1.1 | .6 | .1 | | | | | | 109 | 19[illegible] | | | | | | | |
| 76 | 7[illegible] | | | | | .0 | .0 | . | . | .8 | .8 | .3 | . | | | | | | 199 | 199 | | | | | | | |
| 74 | 7[illegible] | | | | | | . | .3 | .2 | .9 | .0 | .4 | .1 | | | | | | 213 | 213 | | | | | | | |
| 72 | [illegible] | | | | | .1 | .2 | 1.0 | 1.2 | .9 | .4 | .1 | | | | | | | 3[illegible] | [illegible] | | | | | | | |
| 70 | 69 | | | | .0 | .2 | .6 | 1.0 | 1.4 | .8 | .1 | .1 | | | | | | | 3 3 | 3[illegible] | | | | | | | |
| 68 | 6[illegible] | | | . | .1 | .6 | 1.1 | 1.3 | 1.1 | .4 | . | | | | | | | | 346 | [illegible] | 4 | | | | | | |
| 66 | 6[illegible] | | | .1 | .4 | 1.1 | 1.4 | 1.5 | .2 | .3 | . | | | | | | | | 411 | 41[illegible] | 17 | | | | | | |
| 64 | [illegible] | | .1 | .3 | .7 | 1.6 | 1.4 | 1.3 | .2 | .1 | | | | | | | | | 427 | [illegible] | 155 | 1 | | | | | |
| 62 | [illegible] | .1 | .2 | .7 | .5 | 1.6 | .9 | .7 | .1 | .0 | | | | | | | | | 442 | [illegible] | 319 | 9 | | | | | |
| 60 | [illegible] | .0 | .0 | .4 | 1.9 | . | 1.1 | .1 | .1 | .0 | | | | | | | | | 504 | 96[illegible] | 6.2 | 41 | | | | | |
| 58 | 5 | .1 | .1 | .9 | .0 | 1.5 | .6 | .2 | . | | | | | | | | | | 555 | 555 | 717 | 160 | | | | | |
| 56 | 55 | .1 | .6 | .9 | .8 | .9 | .4 | .1 | | | | | | | | | | | 619 | [illegible] | 922 | 354 | | | | | |
| 54 | [illegible] | .1 | .5 | .6 | 1.1 | .8 | .1 | .0 | | | | | | | | | | | 609 | [illegible] | 1086 | 608 | | | | | |
| 52 | 5 | .0 | .1 | .1 | .6 | .1 | . | | | | | | | | | | | | 555 | 555 | 1057 | 910 | | | | | |
| 50 | 49 | .1 | .1 | .3 | .3 | .1 | .0 | | | | | | | | | | | | 527 | 527 | 976 | 1093 | | | | | |
| 48 | [illegible] | .1 | .2 | .1 | .2 | . | | | | | | | | | | | | | 323 | 323 | 655 | 1225 | | | | | |
| 46 | 45 | .1 | .1 | .2 | .1 | | | | | | | | | | | | | | 205 | 205 | 417 | 1117 | | | | | |
| 44 | 43 | .1 | .1 | .1 | | | | | | | | | | | | | | | 116 | 116 | 216 | 739 | | | | | |
| 42 | 4[illegible] | .1 | .2 | . | | | | | | | | | | | | | | | 67 | 67 | 102 | 601 | | | | | |
| 40 | [illegible] | .1 | .1 | .1 | | | | | | | | | | | | | | | 38 | 38 | 67 | 287 | | | | | |
| 38 | [illegible] | .1 | .1 | . | | | | | | | | | | | | | | | 14 | 14 | 21 | 142 | | | | | |
| 36 | 35 | | .0 | | | | | | | | | | | | | | | | 3 | | 6 | 88 | | | | | |
| 34 | 33 | | | | | | | | | | | | | | | | | | | | 2 | 45 | | | | | |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25200 STATION | PRINCE GEORGE B C INT APT STATION NAME | 27 66 YEARS | [illegible] MONTH



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 8.0 | 6.5 | 5.1 | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] 40 |
| | | | | | | | | | | | | | | | | | | 7440 | [illegible] |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3[illegible]4 87 | 4[illegible] | 67.1 | 21.202 | 7440 | | | | | | | |
| Dry Bulb | [illegible] | [illegible] | 60.2 | [illegible] | 7440 | | | 197.5 | 100.0 | 27.5 | | 744 |
| Wet Bulb | [illegible] | [illegible] | 52.8 | 15.257 | 7440 | | | .5 | | | | 744 |
| Dew Point | [illegible] | [illegible] | 47.5 | 4.976 | 7440 | | 2.0 | | | | | 744 |

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

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# PSYCHROMETRIC SUMMARY

252** | [illegible] | 57-65 | AUG
STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 9 | | | | | | | | | | | | | | | | | | .0 | 2 | 2 | | |
| 90 89 | | | | | | | | | | | | | .0 | .0 | | | .0 | .0 | 5 | 5 | | |
| 88 87 | | | | | | | | | | | | .1 | .1 | .0 | | | .0 | | 12 | 12 | | |
| 86 85 | | | | | | | | | | | .2 | .2 | .0 | .1 | | | | | 13 | 13 | | |
| 84 83 | | | | | | | | | | .1 | .3 | .1 | .2 | .1 | | | | | 52 | 52 | | |
| 82 81 | | | | | | | | | .0 | .2 | .3 | .2 | .3 | .0 | | | | | 64 | 64 | | |
| 80 79 | | | | | | | | .1 | .1 | .4 | .4 | .1 | .1 | | | | | | 113 | 113 | | |
| 78 77 | | | | | | | .2 | .2 | .3 | .3 | .3 | .2 | | | | | | | 108 | 108 | | |
| 76 75 | | | | | | | .2 | .2 | .5 | .3 | .3 | .2 | | | | | | | 116 | 116 | | |
| 74 73 | | | | | | .2 | .3 | .2 | .5 | .3 | .3 | .2 | | | | | | | 150 | 150 | | |
| 72 71 | | | | | .2 | .2 | .4 | .2 | .3 | .3 | .3 | .1 | | | | | | | 170 | 170 | | |
| 70 69 | | | | .1 | .2 | .6 | .8 | .2 | .3 | .2 | .3 | | | | | | | | 219 | 219 | | |
| 68 67 | | | .1 | .2 | .2 | .9 | .8 | .4 | .4 | .1 | | | | | | | | | 293 | 293 | 1 | |
| 66 65 | | .1 | .1 | .4 | .4 | 1.0 | 1.0 | .5 | .3 | .1 | | | | | | | | | 328 | 328 | 36 | |
| 64 63 | | .1 | .4 | .7 | .4 | 1.0 | .8 | .4 | .3 | | | | | | | | | | 324 | 324 | 113 | |
| 62 61 | | .2 | .4 | .8 | .6 | .2 | .7 | .1 | | | | | | | | | | | 417 | 417 | 237 | 13 |
| 60 59 | .1 | .1 | .3 | .3 | .5 | .8 | .4 | .1 | | | | | | | | | | | 533 | 533 | 466 | 48 |
| 58 57 | .1 | .1 | .4 | .3 | .4 | .3 | .1 | .1 | | | | | | | | | | | 523 | 523 | 611 | 186 |
| 56 55 | .1 | .3 | .3 | .3 | .2 | .1 | .0 | | | | | | | | | | | | 653 | 653 | 870 | 376 |
| 54 53 | .1 | .2 | .3 | .1 | .2 | .1 | | | | | | | | | | | | | 677 | 677 | 950 | 644 |
| 52 51 | .1 | .4 | .3 | .0 | .1 | .1 | | | | | | | | | | | | | 704 | 704 | 1024 | 886 |
| 50 49 | .1 | .2 | .3 | .2 | .1 | | | | | | | | | | | | | | 549 | 549 | 1107 | 1115 |
| 48 47 | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 456 | 456 | 678 | 1054 |
| 46 45 | .1 | .1 | .2 | .0 | | | | | | | | | | | | | | | 368 | 368 | 514 | 951 |
| 44 43 | .1 | .2 | .2 | | | | | | | | | | | | | | | | 209 | 209 | 371 | 701 |
| 42 41 | .1 | .2 | .1 | | | | | | | | | | | | | | | | 166 | 166 | 228 | 591 |
| 40 39 | .1 | .1 | .0 | | | | | | | | | | | | | | | | 112 | 112 | 151 | 423 |
| 38 37 | .1 | .1 | .1 | | | | | | | | | | | | | | | | 52 | 52 | 78 | 219 |
| 36 35 | .0 | .2 | .1 | | | | | | | | | | | | | | | | 29 | 29 | 43 | 139 |
| 34 33 | .1 | .1 | | | | | | | | | | | | | | | | | 9 | 9 | 16 | 47 |
| 32 31 | .1 | .1 | | | | | | | | | | | | | | | | | 11 | 11 | 13 | 31 |
| 30 29 | .0 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 6 | 9 |
| 28 27 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 26 25 | | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C CIT APT STATION NAME | 57 66 YEARS | AUG MONTH

PAGE 2 | ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | .6 | 3.5 | 4.8 | 2.9 | [illegible] | [illegible] | .9 | .4 | .2 | | .0 | .0 | | 7440 | | 7440 | |
| | | | | | | | | | | | | | | | | | | | 7440 | | 7440 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 4[illegible]755557 | 549011 | 73.82 | [illegible].877 | [illegible]4 | | | | | | | |
| Dry Bulb | [illegible]976058 | 424560 | 57.11 | [illegible].32 | 7440 | | 1.4 | 131.8 | 63.6 | 20.9 | | 744 |
| Wet Bulb | [illegible]38076 | 382722 | 51.4 | 5.809 | 7440 | | 1.9 | .1 | | | | 744 |
| Dew Point | [illegible]632042 | 351779 | 47.3 | 5.439 | 7440 | | 4.7 | | | | | 744 |

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

DATA PROCESSING DIVISION
[illegible]
AIR [illegible] EQUIPMENT AGENCY

# PSYCHROMETRIC SUMMARY

252 [illegible] | [illegible] EUROPE S C [illegible] AFB | 27-67 | [illegible]
STATION | STATION NAME | YEARS | MONTH

PAGE [illegible] OF [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78 | [illegible] | | | | | | .1 | .1 | | | | | | | | | | [illegible] | [illegible] | | |
| 76 | [illegible] | | | | | | .0 | .1 | .0 | | .0 | | | | | | | [illegible] | [illegible] | | |
| 74 | [illegible] | | | | | .1 | .0 | .1 | .1 | | .1 | | | | | | | 32 | 32 | | |
| 72 | 7 | | | | | .1 | .2 | .2 | .1 | .2 | .1 | | | | | | | 68 | 68 | | |
| 70 | 69 | | | | .0 | .1 | .3 | .3 | .1 | .1 | | | | | | | | 80 | 80 | | |
| 68 | 67 | | | .1 | .1 | .2 | .2 | .3 | .2 | .1 | | | | | | | | 116 | 116 | | |
| 66 | 6 | | .1 | .1 | .1 | .3 | .4 | .3 | .2 | | | | | | | | | 124 | 124 | 0 | |
| 64 | 63 | | .1 | .1 | .3 | .0 | .4 | .3 | .4 | .1 | | | | | | | | 165 | 165 | 15 | 1 |
| 62 | 61 | | .2 | .4 | .4 | .5 | .6 | .4 | .1 | .1 | | | | | | | | 216 | 214 | .9 | 12 |
| 60 | 59 | .1 | .4 | .5 | .8 | .7 | .4 | .4 | .2 | .0 | | | | | | | | 299 | 294 | 13 | 27 |
| 58 | 5 | .1 | .3 | .7 | .9 | 1.1 | .9 | .4 | .1 | | | | | | | | | 367 | 361 | 29 | 76 |
| 56 | 55 | .3 | .6 | .8 | 1.3 | 1.5 | .8 | .3 | .1 | | | | | | | | | 466 | 466 | 33 | 183 |
| 54 | 53 | .3 | .3 | .6 | 1.5 | 1.3 | .7 | .2 | .1 | | | | | | | | | 466 | 465 | 39 | 197 |
| 52 | 51 | .4 | .5 | .8 | 1.0 | .9 | .3 | .1 | | | | | | | | | | 362 | 361 | 42 | 294 |
| 50 | 49 | .4 | .7 | .2 | .5 | .9 | .2 | .1 | | | | | | | | | | 676 | 676 | 79 | 495 |
| 48 | [illegible] | .4 | .7 | 1.1 | 1.2 | .9 | .2 | .0 | | | | | | | | | | 572 | 571 | 88 | 543 |
| 46 | [illegible] | .4 | .9 | .9 | .7 | .3 | .1 | | | | | | | | | | | 669 | 669 | 80 | 711 |
| 44 | 43 | .4 | .8 | .9 | .5 | .1 | | | | | | | | | | | | 461 | 461 | 77 | 780 |
| 42 | 41 | .4 | .7 | .9 | .2 | .1 | | | | | | | | | | | | 422 | 422 | 59 | 842 |
| 40 | 39 | .4 | .5 | .9 | .1 | .1 | | | | | | | | | | | | 316 | 316 | 50 | 717 |
| 38 | 37 | .3 | .4 | .6 | .1 | .0 | | | | | | | | | | | | 268 | 268 | 37 | 613 |
| 36 | 35 | .3 | .4 | .4 | .1 | | | | | | | | | | | | | 251 | 251 | 29 | 473 |
| 34 | 33 | .4 | .2 | .3 | .1 | | | | | | | | | | | | | 162 | 161 | 20 | 383 |
| 32 | 31 | .3 | .1 | .2 | | | | | | | | | | | | | | 137 | 134 | 18 | 283 |
| 30 | [illegible] | .1 | .1 | .1 | | | | | | | | | | | | | | 77 | 77 | 13 | 203 |
| 28 | 27 | .1 | .1 | .1 | | | | | | | | | | | | | | 44 | 44 | 09 | 139 |
| 26 | 25 | .1 | .1 | | | | | | | | | | | | | | | 18 | 18 | 01 | 103 |
| 24 | 23 | .1 | .1 | | | | | | | | | | | | | | | 19 | 19 | 14 | 52 |
| 22 | 21 | .1 | .1 | | | | | | | | | | | | | | | 9 | 9 | 9 | 35 |
| 20 | 19 | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 4 | 19 |
| 18 | [illegible] | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 |
| 16 | 15 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | 4.9 | 8.3 | 11.4 | 8.1 | 6.7 | 4.0 | 2.1 | .8 | .4 | .1 | | | | | | | 7199 | 7199 | 7199 | 7199 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature: ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | [illegible] | 502427 | 78.1 | 17.92 | 7202 | | | | | | | |
| Dry Bulb | [illegible] | 345236 | 48.9 | 20.50 | 7199 | | 30.9 | 30.8 | .4 | | | 720 |
| Wet Bulb | [illegible] | 345009 | 45.1 | 17.34 | 7199 | | 41.4 | | | | | 720 |
| Dew Point | [illegible] | 299000 | 41.5 | 20.58 | 7199 | | 85.2 | | | | | 720 |

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

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# PSYCHROMETRIC SUMMARY

72230 STATION | PRINCE GEORGE B C INT APT STATION NAME | 57-66 YEARS | OCT MONTH

 ALL HOURS L.S.T.

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | | |
| 72 | 7 | | | | | | | | .1 | .0 | | | | | | | | | 2 | 2 | | |
| 70 | 69 | | | | | | | .0 | .1 | .0 | | | | | | | | | 4 | 4 | | |
| 68 | 67 | | | | | | .0 | .1 | .1 | .0 | | | | | | | | | 14 | 14 | | |
| 66 | 65 | | | | | | .1 | .1 | .1 | .0 | .0 | | | | | | | | 26 | 26 | | |
| 64 | 63 | | | | | .1 | .2 | .2 | .1 | .0 | | | | | | | | | 40 | 40 | 4 | |
| 62 | 61 | | | | | .1 | .3 | .2 | .1 | .0 | | | | | | | | | 62 | 62 | 6 | |
| 60 | 59 | | | | .1 | .1 | .4 | .1 | .1 | | | | | | | | | | 92 | 92 | 9 | |
| 58 | 57 | | .1 | .1 | .3 | .4 | .7 | .3 | .1 | | | | | | | | | | 149 | 149 | 8 | |
| 56 | 55 | | .1 | .1 | .4 | .3 | .5 | .2 | .1 | | | | | | | | | | 163 | 163 | 30 | 5 |
| 54 | 53 | | .2 | .4 | .8 | .6 | .6 | .3 | .1 | | | | | | | | | | 249 | 249 | 69 | 3 |
| 52 | 51 | .1 | .4 | .5 | .9 | .8 | .9 | .1 | | | | | | | | | | | 246 | 246 | 137 | 15 |
| 50 | 49 | .2 | .9 | 1.0 | .9 | 1.2 | .4 | .0 | | | | | | | | | | | 351 | 351 | 229 | 73 |
| 48 | 47 | .3 | .6 | 1.4 | 1.3 | .2 | .5 | .1 | | | | | | | | | | | 477 | 477 | 337 | 143 |
| 46 | 45 | .3 | 2.3 | 1.6 | 1.4 | .8 | .4 | .0 | | | | | | | | | | | 619 | 619 | 473 | 260 |
| 44 | 43 | 1.1 | 1.4 | 1.1 | 1.3 | .7 | .2 | | | | | | | | | | | | 671 | 671 | 655 | 438 |
| 42 | 41 | 1.1 | 3.1 | 1.0 | 1.2 | .5 | .0 | | | | | | | | | | | | 592 | 592 | 726 | 557 |
| 40 | 39 | 1.1 | 4.1 | 1.4 | 1.2 | .3 | | | | | | | | | | | | | 695 | 695 | 763 | 623 |
| 38 | 37 | 1.0 | 3.2 | 1.4 | .4 | | | | | | | | | | | | | | 530 | 530 | 803 | 599 |
| 36 | 35 | 1.9 | 2.4 | 1.1 | .3 | .1 | | | | | | | | | | | | | 517 | 517 | 693 | 721 |
| 34 | 33 | 2.1 | 3.1 | .9 | .2 | .1 | | | | | | | | | | | | | 551 | 551 | 607 | 784 |
| 32 | 31 | 2.3 | 3.2 | .9 | .1 | .1 | | | | | | | | | | | | | 480 | 480 | 673 | 800 |
| 30 | 29 | 1.7 | 2.4 | .5 | .1 | .1 | | | | | | | | | | | | | 388 | 388 | 474 | 616 |
| 28 | 27 | 1.2 | 1.5 | .2 | .1 | .1 | | | | | | | | | | | | | 221 | 221 | 327 | 517 |
| 26 | 25 | .7 | .6 | .1 | .1 | .1 | | | | | | | | | | | | | 147 | 147 | 195 | 427 |
| 24 | 23 | .9 | .4 | .1 | .1 | | | | | | | | | | | | | | 65 | 65 | 103 | 340 |
| 22 | 21 | .3 | .2 | .1 | .0 | | | | | | | | | | | | | | 46 | 46 | 57 | 202 |
| 20 | 19 | .2 | .1 | .1 | | | | | | | | | | | | | | | 26 | 26 | 41 | 104 |
| 18 | 17 | .2 | .1 | .1 | | | | | | | | | | | | | | | 23 | 23 | 23 | 69 |
| 16 | 15 | .1 | .1 | .1 | | | | | | | | | | | | | | | 17 | 17 | 21 | 38 |
| 14 | 13 | .1 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 20 | 19 |
| 12 | 11 | .1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 19 |
| 10 | 9 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 5 | 11 |
| 8 | | | | | | | | | | | | | | | | | | | | | | 8 |
| 6 | | | | | | | | | | | | | | | | | | | | | | 12 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | FRIDGE GEORGE B C WLT APT STATION NAME | 60 YEARS | OCT MONTH

PAGE 2 | ALL HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 40-44 | 3 | | | | | | | | | | | | | | | | | | | | 9 |
| 25-29 | 1 | | | | | | | | | | | | | | | | | | | | 17 |
| 05-09 | 1 | | | | | | | | | | | | | | | | | | | | 7 |
| -25--21 | 3 | | | | | | | | | | | | | | | | | | | | 2 |
| -45--41 | 5 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 7,696 | 1,012 | 25 | 8.1 | 2.1 | .7 | .2 | . | | | | | | | | | | | 744 | | 7440 |
| | | | | | | | | | | | | | | | | | | 7445 | | 7440 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature: ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4 7452 52 | 5 995 | 7.. | 17.372 | 744 | | | | | | | |
| Dry Bulb | 1 9947 09 | 3 288 | 40.7 | 9.361 | 7440 | | 143.7 | ≤.3 | | | | 744 |
| Wet Bulb | 1 8711 85 | 279 2 | 37.5 | 7.398 | 7440 | | 191.0 | | | | | 744 |
| Dew Point | 88 9 27 | 24992 | 33.6 | 9.809 | 7440 | .1 | 321.9 | | | | | 744 |

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

DATA PROCESSING DIVISION
USA [illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C (A) AFT 27 DC [illegible]
STATION STATION NAME YEARS MONTH

PAGE 1 ALL
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 55 | | | | • 1 | | | | | | | | | | | | | | | | | | |
| 54 53 | | | • | | • | | | | | | | | | | | | | | | | | |
| 52 51 | | • 1 | | • 3 | • | • 1 | | | | | | | | | | | | | 12 | 12 | | |
| 50 49 | | • 1 | • 1 | • 3 | • | • 1 | | | | | | | | | | | | | 22 | 22 | 9 | |
| 48 47 | • 1 | • 1 | • 3 | • 2 | • | • 2 | | | | | | | | | | | | | 66 | 66 | 21 | 7 |
| 46 45 | • 1 | • 1 | • 1 | • 4 | • | • 3 | | | | | | | | | | | | | 83 | 8[illegible] | 3[illegible] | 21 |
| 44 43 | • 1 | • 3 | • 4 | • 2 | • | • 1 | | | | | | | | | | | | | 116 | 11[illegible] | 5 | 19 |
| 42 41 | • | • 6 | • 6 | • 5 | • 1 | • 1 | | | | | | | | | | | | | 192 | 19[illegible] | 5[illegible] | 29 |
| 40 39 | • 3 | • 5 | • 4 | • 5 | • 2 | | | | | | | | | | | | | | 321 | 32[illegible] | 193 | 78 |
| 38 37 | • 5 | 1 • 8 | • 4 | • 8 | • 1 | | | | | | | | | | | | | | 334 | 33[illegible] | 2[illegible] | 134 |
| 36 35 | 1 • 3 | 3 • 2 | • 6 | • 3 | • | | | | | | | | | | | | | | 475 | 47[illegible] | 4[illegible] | 206 |
| 34 33 | 2 • 4 | 5 • 3 | 2 • 3 | • 3 | | | | | | | | | | | | | | | 753 | 75[illegible] | 620 | 452 |
| 32 31 | 4 • 9 | 5 • 3 | 2 • 5 | • 2 | | | | | | | | | | | | | | | 933 | 93[illegible] | 959 | 739 |
| 30 29 | 2 • 1 | 4 • 9 | 1 • 3 | • 1 | | | | | | | | | | | | | | | 649 | 64[illegible] | 8[illegible] | 598 |
| 28 27 | 1 • 9 | 4 • 3 | • 9 | • 1 | | | | | | | | | | | | | | | 514 | 51[illegible] | 616 | 660 |
| 26 25 | 1 • [illegible] | 3 • 4 | • 3 | | | | | | | | | | | | | | | | 343 | 3[illegible] | 489 | 589 |
| 24 23 | 1 • 4 | 2 • 2 | • 2 | • 1 | | | | | | | | | | | | | | | 275 | 29[illegible] | 3[illegible] | 508 |
| 22 21 | 1 • 4 | 2 • 2 | • 1 | • 1 | | | | | | | | | | | | | | | 282 | 2[illegible] | 3[illegible] | 478 |
| 20 19 | 1 • 4 | 1 • 5 | • 1 | | | | | | | | | | | | | | | | 246 | 24[illegible] | 297 | 433 |
| 18 17 | 2 • 1 | 1 • 1 | • 1 | | | | | | | | | | | | | | | | 2[illegible] | 2[illegible] | 254 | 328 |
| 16 15 | 1 • 6 | 1 • 4 | • | | | | | | | | | | | | | | | | 169 | 16[illegible] | 1[illegible] | 285 |
| 14 13 | 1 • 4 | 1 • 7 | • 1 | | | | | | | | | | | | | | | | 149 | 14[illegible] | 156 | 216 |
| 12 11 | 1 • 1 | 1 • 4 | | | | | | | | | | | | | | | | | 120 | 12[illegible] | 1[illegible] | 132 |
| 10 9 | 1 • 2 | 1 • 5 | | | | | | | | | | | | | | | | | 119 | 11[illegible] | 1[illegible] | 131 |
| 8 7 | 1 • 1 | 1 • 4 | | | | | | | | | | | | | | | | | 118 | 11[illegible] | 118 | 124 |
| 6 5 | • 7 | 1 • 5 | | | | | | | | | | | | | | | | | 82 | 8[illegible] | 9 | 148 |
| 4 3 | 1 • 1 | 1 • 4 | | | | | | | | | | | | | | | | | 94 | 94 | 1[illegible] | 94 |
| 2 1 | • 8 | 1 • 4 | | | | | | | | | | | | | | | | | 86 | 86 | 77 | 66 |
| 0 -1 | 1 • 1 | 1 • 4 | | | | | | | | | | | | | | | | | 95 | 95 | 1[illegible] | 96 |
| -2 -3 | • 8 | 1 • 4 | | | | | | | | | | | | | | | | | 70 | 7[illegible] | 75 | 63 |
| -4 -5 | • 9 | 1 • 2 | | | | | | | | | | | | | | | | | 55 | 55 | 55 | 91 |
| -6 -7 | • 7 | 1 • 1 | | | | | | | | | | | | | | | | | 59 | 5[illegible] | 61 | 81 |
| -8 -9 | • 8 | 1 • 1 | | | | | | | | | | | | | | | | | 29 | 29 | 29 | 55 |
| -10 -11 | • 9 | 1 • 1 | | | | | | | | | | | | | | | | | 26 | 26 | 8 | 53 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252 — STATION
[illegible] — STATION NAME
[illegible] — YEARS
NOV — MONTH

PAGE 2 [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. | W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 12 | [illegible] | | | | | | | | | | | | | | | | | 19 | [illegible] | [illegible] | 55 |
| 14 | [illegible] | | | | | | | | | | | | | | | | | 17 | [illegible] | [illegible] | 37 |
| 16 | [illegible] | | | | | | | | | | | | | | | | | 5 | [illegible] | [illegible] | 25 |
| 18 | [illegible] | | | | | | | | | | | | | | | | | 2 | [illegible] | 9 | 18 |
| 20 | [illegible] | | | | | | | | | | | | | | | | | 7 | [illegible] | [illegible] | 15 |
| 22 | [illegible] | | | | | | | | | | | | | | | | | 1 | [illegible] | 7 | 8 |
| 24 | [illegible] | | | | | | | | | | | | | | | | | 10 | [illegible] | 10 | 5 |
| 26 | [illegible] | | | | | | | | | | | | | | | | | 3 | [illegible] | 3 | 14 |
| 28 | [illegible] | | | | | | | | | | | | | | | | | | | | 7 |
| 30 | [illegible] | | | | | | | | | | | | | | | | | | | | 1 |
| ≤ 32 | [illegible] | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 16.44 [illegible] | | | | | | | | | | | | | | | | | 7200 | [illegible] | 7200 | 7200 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] 713.28 | 597928 | 83.0 | [illegible] 12.25 | 7200 | | | | | | | |
| Dry Bulb | [illegible] 78.83 | 188743 | 26.1 | [illegible] 12.75 | 7200 | 41.2 | 481.9 | | | | | 720 |
| Wet Bulb | [illegible] 393.59 | 177053 | 24.7 | [illegible] 13.847 | 7200 | 42.9 | 548.3 | | | | | 720 |
| Dew Point | [illegible] 2592 | 154.78 | 21.4 | [illegible] 12.37 | 7200 | 62.2 | 625.4 | | | | | 760 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 — STATION
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48/ 47 | | | | .1 | | | | | | | | | | | | | | 8 | 8 | | |
| 46/ 45 | | | .0 | .3 | .2 | .0 | | | | | | | | | | | | 36 | 36 | | |
| 44/ 43 | | .0 | .2 | .3 | .1 | .0 | | | | | | | | | | | | 52 | 52 | | |
| 42/ 41 | | .2 | .8 | .4 | .1 | | | | | | | | | | | | | 111 | 111 | 13 | |
| 40/ 39 | .0 | .5 | .8 | .5 | .1 | | | | | | | | | | | | | 149 | 149 | 81 | 6 |
| 38/ 37 | .1 | 2.1 | 1.6 | .5 | | | | | | | | | | | | | | 337 | 337 | 175 | 37 |
| 36/ 35 | .7 | 2.6 | 1.8 | .3 | | | | | | | | | | | | | | 395 | 395 | 361 | 168 |
| 34/ 33 | 1.2 | 3.7 | 1.4 | .1 | | | | | | | | | | | | | | 472 | 472 | 457 | 339 |
| 32/ 31 | 1.6 | 4.8 | 1.1 | .1 | | | | | | | | | | | | | | 557 | 557 | 579 | 414 |
| 30/ 29 | 1.6 | 5.0 | 1.1 | .0 | | | | | | | | | | | | | | 564 | 564 | 650 | 493 |
| 28/ 27 | 1.8 | 4.5 | .4 | .0 | | | | | | | | | | | | | | 501 | 501 | 582 | 594 |
| 26/ 25 | 2.8 | 3.7 | .3 | | | | | | | | | | | | | | | 510 | 510 | 604 | 592 |
| 24/ 23 | 2.4 | 2.8 | .0 | | | | | | | | | | | | | | | 387 | 387 | 447 | 592 |
| 22/ 21 | 2.4 | 2.9 | .1 | | | | | | | | | | | | | | | 393 | 393 | 411 | 486 |
| 20/ 19 | 3.2 | 2.5 | | | | | | | | | | | | | | | | 476 | 476 | 445 | 401 |
| 18/ 17 | 2.6 | 1.7 | .0 | | | | | | | | | | | | | | | 324 | 324 | 375 | 454 |
| 16/ 15 | 2.1 | 1.4 | | | | | | | | | | | | | | | | 262 | 262 | 269 | 373 |
| 14/ 13 | 1.6 | .9 | .0 | | | | | | | | | | | | | | | 182 | 182 | 202 | 309 |
| 12/ 11 | 1.1 | .6 | | | | | | | | | | | | | | | | 143 | 143 | 151 | 227 |
| 10/ 9 | 1.2 | .7 | | | | | | | | | | | | | | | | 138 | 138 | 138 | 180 |
| 8/ 7 | 1.1 | .5 | | | | | | | | | | | | | | | | 133 | 133 | 134 | 143 |
| 6/ 5 | 1.7 | .5 | | | | | | | | | | | | | | | | 161 | 161 | 165 | 109 |
| 4/ 3 | 1.2 | .5 | | | | | | | | | | | | | | | | 128 | 128 | 131 | 149 |
| 2/ 1 | 1.3 | .4 | | | | | | | | | | | | | | | | 124 | 124 | 132 | 154 |
| 0/ -1 | 1.4 | .6 | | | | | | | | | | | | | | | | 149 | 149 | 131 | 106 |
| -2/ -3 | 1.5 | .5 | | | | | | | | | | | | | | | | 153 | 153 | 166 | 92 |
| -4/ -5 | 1.2 | .5 | | | | | | | | | | | | | | | | 128 | 128 | 125 | 124 |
| -6/ -7 | 1.0 | .3 | | | | | | | | | | | | | | | | 92 | 92 | 102 | 109 |
| -8/ -9 | .9 | .2 | | | | | | | | | | | | | | | | 83 | 83 | 87 | 142 |
| -10/-11 | .7 | .1 | | | | | | | | | | | | | | | | 56 | 56 | 60 | 120 |
| -12/-13 | .6 | .1 | | | | | | | | | | | | | | | | 47 | 47 | 47 | 76 |
| -14/-15 | .6 | .0 | | | | | | | | | | | | | | | | 47 | 47 | 47 | 99 |
| -16/-17 | .4 | | | | | | | | | | | | | | | | | 33 | 33 | 34 | 73 |
| -18/-19 | .4 | | | | | | | | | | | | | | | | | 32 | 32 | 32 | 55 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE A, B.C. CUT APT 57-66 DEC
STATION STATION NAME YEARS MONTH

PAGE 2 ALL

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 >31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|
| -20/-21 | .4 | 30 | 30 | 30 | 60 |
| -22/-23 | .3 | 20 | 20 | 20 | 29 |
| -24/-25 | .2 | 18 | 18 | 18 | 32 |
| -26/-27 | .3 | 20 | 20 | 20 | 29 |
| -28/-29 | .2 | 16 | 16 | 16 | 26 |
| -30/-31 | .1 | 5 | 6 | 5 | 13 |
| -32/-33 | .0 | 1 | 1 | 1 | 12 |
| -34/-35 | | | 1 | | 3 |
| -36/-37 | | | 2 | | 2 |
| -38/-39 | | | | | 1 |
| -40/-41 | | | 2 | | |
| -42/-43 | | | 3 | | |
| -44/-45 | | | 3 | | |
| -46/-47 | | | 4 | | |
| -50/-51 | | | 1 | | |
| TOTAL | 42.344.7 9.9 2.5 .5 .0 | | 7440 | | 7423 |
| | | 7423 | | 7423 | |

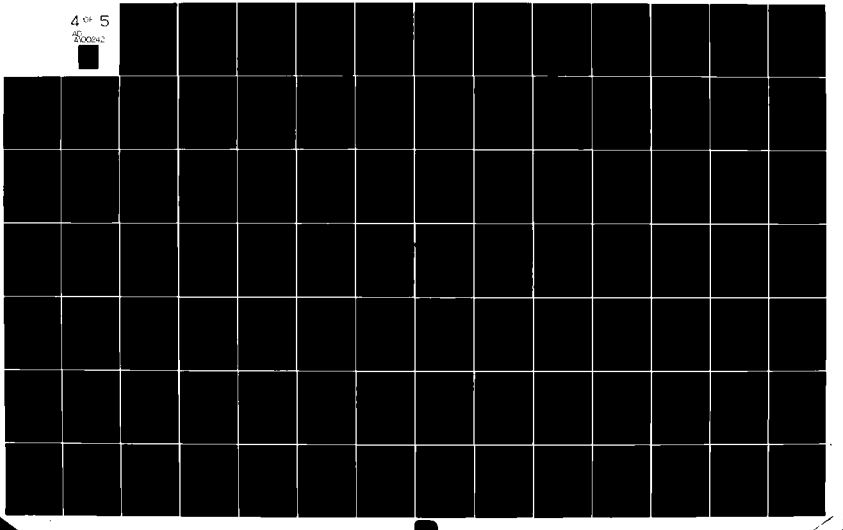
| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 52283913 | 618615 | 83.3 | 9.871 | 7422 | | | | | | | |
| Dry Bulb | 4817360 | 152926 | 20.6 | 15.001 | 7440 | 94.7 | 388.0 | | | | | 744 |
| Wet Bulb | 4314338 | 145622 | 19.6 | 14.514 | 7423 | 94.3 | 635.1 | | | | | 744 |
| Dew Point | 3610254 | 120940 | 16.3 | 14.864 | 7423 | 120.6 | 688.9 | | | | | 744 |

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

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(U)
NOV 71

UNCLASSIFIED USAFETAC/DS-81/037 SBIE-AD-E850 064 NL

4 OF 5
AD
A100242



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 — LAT. N
PRINCE GEORGE A C DOT APT — STATION NAME
57-66 — YEARS
JAN — MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46/ 45 | | | | .3 | | | | | | | | | | | | | | 3 | 3 | | |
| 44/ 43 | | | .1 | .9 | | | | | | | | | | | | | | 9 | 9 | | |
| 42/ 41 | | | .2 | .4 | .3 | | | | | | | | | | | | | 9 | 9 | | |
| 40/ 39 | | .3 | 1.1 | .2 | | | | | | | | | | | | | | 14 | 14 | 5 | |
| 38/ 37 | | 1.2 | .9 | .3 | | | | | | | | | | | | | | 22 | 22 | 14 | |
| 36/ 35 | .2 | 1.1 | 2.1 | | | | | | | | | | | | | | | 31 | 31 | 32 | 9 |
| 34/ 33 | 1.5 | 1.9 | .9 | | | | | | | | | | | | | | | 40 | 40 | 40 | 23 |
| 32/ 31 | 1.4 | 2.3 | 1.1 | | | | | | | | | | | | | | | 44 | 44 | 51 | 42 |
| 30/ 29 | 1.7 | 2.2 | .8 | | | | | | | | | | | | | | | 43 | 43 | 48 | 52 |
| 28/ 27 | 1.6 | 1.3 | .1 | | | | | | | | | | | | | | | 28 | 28 | 43 | 57 |
| 26/ 25 | 1.6 | 2.7 | .1 | | | | | | | | | | | | | | | 41 | 41 | 31 | 43 |
| 24/ 23 | 2.3 | 2.4 | .1 | | | | | | | | | | | | | | | 44 | 44 | 47 | 23 |
| 22/ 21 | 2.1 | 2.5 | | | | | | | | | | | | | | | | 42 | 42 | 47 | 48 |
| 20/ 19 | 3.5 | 1.4 | | | | | | | | | | | | | | | | 45 | 45 | 53 | 46 |
| 18/ 17 | 2.6 | 1.4 | | | | | | | | | | | | | | | | 37 | 37 | 34 | 54 |
| 16/ 15 | 3.0 | .9 | | | | | | | | | | | | | | | | 36 | 36 | 42 | 40 |
| 14/ 13 | 3.2 | .5 | | | | | | | | | | | | | | | | 33 | 33 | 31 | 38 |
| 12/ 11 | 2.5 | .3 | | | | | | | | | | | | | | | | 26 | 26 | 27 | 33 |
| 10/ 9 | 2.7 | 1.4 | | | | | | | | | | | | | | | | 38 | 38 | 35 | 23 |
| 8/ 7 | 2.8 | .3 | | | | | | | | | | | | | | | | 29 | 29 | 33 | 32 |
| 6/ 5 | 1.3 | .3 | | | | | | | | | | | | | | | | 15 | 15 | 14 | 29 |
| 4/ 3 | 1.6 | .3 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 18 |
| 2/ 1 | 2.4 | | | | | | | | | | | | | | | | | 22 | 22 | 23 | 17 |
| 0/ -1 | 1.9 | .8 | | | | | | | | | | | | | | | | 25 | 25 | 21 | 19 |
| -2/ -3 | 1.8 | .5 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 14 |
| -4/ -5 | 2.3 | .4 | | | | | | | | | | | | | | | | 25 | 25 | 27 | 18 |
| -6/ -7 | 2.2 | .1 | | | | | | | | | | | | | | | | 21 | 21 | 22 | 26 |
| -8/ -9 | 2.3 | .1 | | | | | | | | | | | | | | | | 22 | 22 | 22 | 34 |
| -10/-11 | 1.4 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 13 | 17 |
| -12/-13 | 2.1 | | | | | | | | | | | | | | | | | 19 | 19 | 21 | 17 |
| -14/-15 | 1.4 | .3 | | | | | | | | | | | | | | | | 16 | 16 | 15 | 25 |
| -16/-17 | 2.1 | .1 | | | | | | | | | | | | | | | | 20 | 20 | 20 | 8 |
| -18/-19 | 1.2 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 12 | 23 |
| -20/-21 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 10 | 15 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25230 PRINCE GEORGE B C DOT APT 57-66 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 0000-0200

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -22/-23 | .3 | | | | | | | | | | | | | | | | | 6 | 6 | 11 |
| -24/-25 | 1.4 | | | | | | | | | | | | | | | | | 13 | 13 | 11 |
| -26/-27 | 1.7 | | | | | | | | | | | | | | | | | 16 | 16 | 15 |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 19 |
| -30/-31 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 9 |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 6 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 5 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 3 | 3 |
| -38/-39 | | | | | | | | | | | | | | | | | | | 1 | 1 |
| -40/-41 | | | | | | | | | | | | | | | | | | | 1 | 1 |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 82.8 | 7.5 | 7.3 | 2.2 | .3 | | | | | | | | | | | | | 924 | | 924 |
| | | | | | | | | | | | | | | | | | 924 | | 924 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6613797 | 77629 | 84.1 | 9.562 | 923 | | | | | | | |
| Dry Bulb | 467656 | 11278 | 12.1 | 18.873 | 930 | 26.1 | 80.2 | | | | | 93 |
| Wet Bulb | 420423 | 10855 | 11.7 | 17.814 | 924 | 25.7 | 83.8 | | | | | 93 |
| Dew Point | 385759 | 7775 | 8.4 | 18.630 | 924 | 29.9 | 89.8 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25206 STATION — PRINCE GEORGE B C DOT APT STATION NAME — 57-66 YEARS — JAN 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44/ 43 | | | .7 | .7 | | | | | | | | | | | | | | 8 | 8 | | |
| 42/ 41 | | | .4 | .2 | .1 | | | | | | | | | | | | | 7 | 7 | | |
| 40/ 39 | | | .9 | .1 | | | | | | | | | | | | | | 9 | 9 | 4 | |
| 38/ 37 | | 1.3 | 2.0 | | | | | | | | | | | | | | | 30 | 30 | 11 | |
| 36/ 35 | | 1.2 | 1.0 | | | | | | | | | | | | | | | 26 | 26 | 26 | 7 |
| 34/ 33 | .8 | 2.8 | 1.4 | | | | | | | | | | | | | | | 46 | 46 | 48 | 19 |
| 32/ 31 | 2.3 | 2.0 | 1.0 | | | | | | | | | | | | | | | 48 | 46 | 56 | 49 |
| 30/ 29 | 1.5 | 2.2 | 1.1 | | | | | | | | | | | | | | | 44 | 44 | 49 | 54 |
| 28/ 27 | 1.3 | 2.0 | .2 | | | | | | | | | | | | | | | 32 | 32 | 35 | 54 |
| 26/ 25 | 2.6 | 1.4 | .1 | | | | | | | | | | | | | | | 38 | 38 | 48 | 35 |
| 24/ 23 | 2.8 | 1.7 | .2 | | | | | | | | | | | | | | | 44 | 44 | 42 | 38 |
| 22/ 21 | 1.6 | 1.8 | | | | | | | | | | | | | | | | 32 | 32 | 37 | 49 |
| 20/ 19 | 2.8 | 1.7 | | | | | | | | | | | | | | | | 42 | 42 | 42 | 44 |
| 18/ 17 | 3.3 | .8 | | | | | | | | | | | | | | | | 37 | 37 | 42 | 40 |
| 16/ 15 | 3.2 | .8 | | | | | | | | | | | | | | | | 36 | 36 | 36 | 40 |
| 14/ 13 | 2.9 | .2 | | | | | | | | | | | | | | | | 29 | 29 | 30 | 39 |
| 12/ 11 | 2.3 | .8 | | | | | | | | | | | | | | | | 28 | 28 | 25 | 32 |
| 10/ 9 | 2.7 | .5 | | | | | | | | | | | | | | | | 30 | 30 | 32 | 22 |
| 8/ 7 | 2.3 | .7 | | | | | | | | | | | | | | | | 27 | 27 | 26 | 22 |
| 6/ 5 | 3.2 | .2 | | | | | | | | | | | | | | | | 31 | 31 | 35 | 30 |
| 4/ 3 | 2.7 | .3 | | | | | | | | | | | | | | | | 21 | 21 | 20 | 29 |
| 2/ 1 | 2.6 | .5 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 20 |
| 0/ -1 | 1.5 | 1.1 | | | | | | | | | | | | | | | | 24 | 24 | 18 | 23 |
| -2/ -3 | 1.3 | .3 | | | | | | | | | | | | | | | | 15 | 15 | 20 | 15 |
| -4/ -5 | 2.2 | .2 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 25 |
| -6/ -7 | 1.3 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 14 | 15 |
| -8/ -9 | 2.6 | .2 | | | | | | | | | | | | | | | | 26 | 26 | 28 | 26 |
| -10/-11 | 1.7 | .2 | | | | | | | | | | | | | | | | 18 | 18 | 19 | 20 |
| -12/-13 | 1.8 | .1 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 13 |
| -14/-15 | 1.2 | .3 | | | | | | | | | | | | | | | | 14 | 14 | 12 | 24 |
| -16/-17 | 1.2 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 14 | 18 |
| -18/-19 | 1.4 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 15 | 15 |
| -20/-21 | 1.1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 11 | 15 |
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 11 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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**2**

# PSYCHROMETRIC SUMMARY

252/6 STATION | PRINCE GEORGE B C OUT APT STATION NAME | 57-66 YEARS | JA MONTH

PAGE 2 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -24/-25 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 9 |
| -26/-27 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 15 |
| -28/-29 | 1.5 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 17 |
| -30/-31 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 16 |
| -32/-33 | .4 | | | | | | | | | | | | | | | | | 4 | 5 | 4 | 10 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 3 | | 2 |
| -38/-39 | | | | | | | | | | | | | | | | | | | 3 | | 2 |
| -40/-41 | | | | | | | | | | | | | | | | | | | 2 | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | 3.4 | 26.3 | 9.1 | 1.0 | .1 | | | | | | | | | | | | | 930 | | | 919 |
| | | | | | | | | | | | | | | | | | | 919 | | 919 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6566826 | 77184 | 84.0 | 9.587 | 919 | | | | | | | |
| Dry Bulb | 472767 | 10793 | 11.6 | 19.341 | 930 | 25.6 | 80.4 | | | | | 93 |
| Wet Bulb | 420327 | 10579 | 11.5 | 18.034 | 919 | 24.9 | 84.0 | | | | | 93 |
| Dew Point | 387115 | 7493 | 8.2 | 18.845 | 919 | 30.0 | 90.4 | | | | | 93 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE S C DOT APT STATION NAME | 57-66 YEARS | JAN MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42/ 41 | | | .9 | .7 | | | | | | | | | | | | | | 11 | 11 | | |
| 40/ 39 | | .1 | .7 | .2 | | | | | | | | | | | | | | 9 | 9 | | |
| 38/ 37 | | 1.0 | 1.3 | .2 | | | | | | | | | | | | | | 23 | 23 | 13 | |
| 36/ 35 | .1 | 1.6 | 2.2 | | | | | | | | | | | | | | | 36 | 36 | 20 | 2 |
| 34/ 33 | 1.3 | 2.5 | .9 | | | | | | | | | | | | | | | 43 | 43 | 54 | 23 |
| 32/ 31 | 2.0 | 3.1 | .5 | | | | | | | | | | | | | | | 51 | 51 | 55 | 37 |
| 30/ 29 | 1.4 | 3.1 | .5 | | | | | | | | | | | | | | | 46 | 46 | 55 | 45 |
| 28/ 27 | 1.7 | 3.0 | .6 | | | | | | | | | | | | | | | 46 | 46 | 44 | 36 |
| 26/ 25 | 2.0 | 2.4 | .3 | | | | | | | | | | | | | | | 43 | 43 | 51 | 51 |
| 24/ 23 | 1.6 | 2.2 | | | | | | | | | | | | | | | | 35 | 35 | 34 | 42 |
| 22/ 21 | 1.2 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 31 | 38 |
| 20/ 19 | 3.9 | 1.2 | | | | | | | | | | | | | | | | 47 | 47 | 40 | 30 |
| 18/ 17 | 2.3 | .5 | | | | | | | | | | | | | | | | 26 | 26 | 34 | 44 |
| 16/ 15 | 3.1 | .9 | | | | | | | | | | | | | | | | 36 | 36 | 35 | 30 |
| 14/ 13 | 3.1 | .3 | | | | | | | | | | | | | | | | 31 | 31 | 30 | 41 |
| 12/ 11 | 3.2 | .8 | | | | | | | | | | | | | | | | 36 | 36 | 33 | 26 |
| 10/ 9 | 3.0 | .2 | | | | | | | | | | | | | | | | 29 | 29 | 32 | 31 |
| 8/ 7 | 1.3 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 27 |
| 6/ 5 | 3.6 | .3 | | | | | | | | | | | | | | | | 36 | 36 | 35 | 21 |
| 4/ 3 | 2.2 | .7 | | | | | | | | | | | | | | | | 26 | 26 | 25 | 23 |
| 2/ 1 | 2.6 | .8 | | | | | | | | | | | | | | | | 31 | 31 | 33 | 30 |
| 0/ -1 | 3.2 | .5 | | | | | | | | | | | | | | | | 34 | 34 | 33 | 19 |
| -2/ -3 | 1.4 | .4 | | | | | | | | | | | | | | | | 17 | 17 | 15 | 28 |
| -4/ -5 | 1.5 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 18 | 27 |
| -6/ -7 | .7 | .2 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 24 |
| -8/ -9 | 1.3 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 16 | 13 |
| -10/-11 | 2.6 | .3 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 8 |
| -12/-13 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 16 |
| -14/-15 | 1.9 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 13 |
| -16/-17 | .8 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 19 |
| -18/-19 | 2.0 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 20 | 17 |
| -20/-21 | 1.6 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 21 |
| -22/-23 | 1.6 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 13 |
| -24/-25 | 1.6 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 16 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible]6 PRINCE GEORGE P G DOT APT — STATION NAME
57-66 — YEARS
JAN — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -26/-27 | .8 | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 19 |
| -28/-29 | .8 | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 17 |
| -30/-31 | .7 | | | | | | | | | | | | | | | | | | 8 | 9 | 8 | 16 |
| -32/-33 | .5 | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 10 |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | | 2 | 4 | 2 | 7 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| -38/-39 | | | | | | | | | | | | | | | | | | | | 3 | | 1 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | 5 | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | 1 | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | 2 | | |
| TOTAL | 94.3 | 2.7 | 3.0 | 1.0 | | | | | | | | | | | | | | | 915 | 930 | 915 | 915 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 90 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6602172 | 77250 | 84.4 | 9.370 | 915 | | | | | | | |
| Dry Bulb | 478929 | 10397 | 11.2 | 19.759 | 930 | 26.1 | 80.8 | | | | | 93 |
| Wet Bulb | 421950 | 10398 | 11.4 | 18.231 | 915 | 25.1 | 84.2 | | | | | 93 |
| Dew Point | 393286 | 7394 | 8.1 | 19.103 | 915 | 30.3 | 90.5 | | | | | 93 |

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

DATA PROCESSING DIVISION
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**2**

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE A C OUT APT STATION NAME | 57-66 YEARS | JAN 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 44/ 43 | | | .2 | .7 | .1 | | | | | | | | | | | | | 7 | 9 | | |
| 42/ 41 | | | .4 | .3 | | | | | | | | | | | | | | 7 | 7 | | |
| 40/ 39 | | .1 | .3 | .3 | .1 | | | | | | | | | | | | | 16 | 10 | 5 | |
| 38/ 37 | | .9 | 1.3 | .3 | | | | | | | | | | | | | | 23 | 23 | 13 | |
| 36/ 35 | | 2.3 | 1.4 | .1 | | | | | | | | | | | | | | 35 | 35 | 21 | 3 |
| 34/ 33 | 1.4 | 2.8 | .8 | | | | | | | | | | | | | | | 46 | 46 | 52 | 29 |
| 32/ 31 | 3.5 | 1.8 | 1.2 | | | | | | | | | | | | | | | 60 | 60 | 67 | 65 |
| 30/ 29 | 1.0 | 3.4 | .9 | | | | | | | | | | | | | | | 48 | 48 | 42 | 51 |
| 28/ 27 | 1.7 | 3.5 | .2 | | | | | | | | | | | | | | | 43 | 43 | 53 | 32 |
| 26/ 25 | 1.7 | 2.6 | | | | | | | | | | | | | | | | 40 | 40 | 54 | 53 |
| 24/ 23 | 1.4 | 2.7 | | | | | | | | | | | | | | | | 38 | 38 | 34 | 39 |
| 22/ 21 | 1.1 | 2.0 | | | | | | | | | | | | | | | | 28 | 28 | 35 | 57 |
| 20/ 19 | 2.5 | 1.8 | | | | | | | | | | | | | | | | 40 | 40 | 44 | 34 |
| 18/ 17 | 2.1 | 2.0 | | | | | | | | | | | | | | | | 28 | 28 | 32 | 38 |
| 16/ 15 | 1.8 | .9 | | | | | | | | | | | | | | | | 25 | 25 | 25 | 38 |
| 14/ 13 | 2.3 | 1.4 | | | | | | | | | | | | | | | | 34 | 34 | 28 | 24 |
| 12/ 11 | 2.8 | .5 | | | | | | | | | | | | | | | | 31 | 31 | 38 | 25 |
| 10/ 9 | 2.3 | 1.1 | | | | | | | | | | | | | | | | 31 | 31 | 26 | 37 |
| 8/ 7 | 2.0 | .7 | | | | | | | | | | | | | | | | 24 | 24 | 26 | 22 |
| 6/ 5 | 2.3 | 1.3 | | | | | | | | | | | | | | | | 33 | 33 | 34 | 30 |
| 4/ 3 | 2.1 | 1.2 | | | | | | | | | | | | | | | | 30 | 30 | 27 | 26 |
| 2/ 1 | 2.2 | .5 | | | | | | | | | | | | | | | | 25 | 25 | 31 | 20 |
| 0/ -1 | 2.6 | .3 | | | | | | | | | | | | | | | | 27 | 27 | 28 | 27 |
| -2/ -3 | 1.6 | .4 | | | | | | | | | | | | | | | | 19 | 19 | 19 | 23 |
| -4/ -5 | 1.1 | .2 | | | | | | | | | | | | | | | | 12 | 12 | 11 | 31 |
| -6/ -7 | 2.0 | .3 | | | | | | | | | | | | | | | | 21 | 21 | 21 | 21 |
| -8/ -9 | 1.8 | .8 | | | | | | | | | | | | | | | | 24 | 24 | 23 | 11 |
| -10/-11 | 1.7 | .2 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 |
| -12/-13 | 1.1 | .2 | | | | | | | | | | | | | | | | 12 | 12 | 13 | 19 |
| -14/-15 | 1.5 | | | | | | | | | | | | | | | | | 14 | 14 | 15 | 14 |
| -16/-17 | 1.2 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 11 | 15 |
| -18/-19 | 2.3 | .3 | | | | | | | | | | | | | | | | 24 | 24 | 25 | 14 |
| -20/-21 | 1.6 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 15 |
| -22/-23 | 1.4 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 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 | | | | | | | | | | | | |

USAFETAC FORM 0 26.5 (OL-A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
JAN — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -24/-25 | 1.1 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 19 |
| -26/-27 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 5 | 6 | 5 | 11 |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 |
| -32/-33 | | | | | | | | | | | | | | | | | | | 2 | | 3 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | 3 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | 3 |
| -40/-41 | | | | | | | | | | | | | | | | | | | 1 | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 95.5 | 35.6 | 6.9 | 1.7 | .2 | | | | | | | | | | | | | | 930 | | 922 |
| | | | | | | | | | | | | | | | | | | 922 | | 922 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6396587 | 76246 | 82.7 | 9.958 | 922 | | | | | | | |
| Dry Bulb | 471503 | 11873 | 12.8 | 18.557 | 930 | 24.2 | 80.0 | | | | | 93 |
| Wet Bulb | 422173 | 11439 | 12.4 | 17.444 | 922 | 23.7 | 83.8 | | | | | 93 |
| Dew Point | 387805 | 8101 | 8.8 | 18.541 | 922 | 30.2 | 89.8 | | | | | 93 |

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

2

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# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C DUT APT 57-66 JAN.
STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS L.S.T.

| Temp. F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46/ 45 | | | | .3 | .2 | .1 | | | | | | | | | | | | 5 | 6 | | |
| 44/ 43 | | | .2 | 1.1 | .2 | | | | | | | | | | | | | 14 | 14 | | |
| 42/ 41 | | | .2 | .6 | .5 | | | | | | | | | | | | | 13 | 13 | | |
| 40/ 39 | | .5 | .5 | .4 | .1 | | | | | | | | | | | | | 14 | 13 | 9 | |
| 38/ 37 | | .3 | .2 | .5 | | | | | | | | | | | | | | 28 | 28 | 19 | |
| 36/ 35 | .2 | 4.7 | 1.7 | .2 | | | | | | | | | | | | | | 45 | 45 | 34 | 8 |
| 34/ 33 | 1.1 | 4.2 | 1.3 | | | | | | | | | | | | | | | 60 | 60 | 60 | 26 |
| 32 31 | 2.1 | 3.4 | 1.6 | | | | | | | | | | | | | | | 68 | 68 | 79 | 69 |
| 30/ 29 | .8 | 3.5 | .8 | | | | | | | | | | | | | | | 57 | 57 | 51 | 57 |
| 28/ 27 | .3 | 3.0 | .5 | | | | | | | | | | | | | | | 36 | 36 | 55 | 39 |
| 26/ 25 | 1.3 | 2.5 | .1 | | | | | | | | | | | | | | | 40 | 40 | 56 | 65 |
| 24/ 23 | 1.2 | 2.5 | .2 | | | | | | | | | | | | | | | 36 | 36 | 36 | 50 |
| 22/ 21 | 2.0 | 2.4 | .1 | | | | | | | | | | | | | | | 42 | 42 | 47 | 57 |
| 20/ 19 | 1.4 | 1.7 | | | | | | | | | | | | | | | | 29 | 29 | 31 | 49 |
| 18/ 17 | 1.5 | 1.2 | | | | | | | | | | | | | | | | 25 | 25 | 30 | 33 |
| 16/ 15 | 1.2 | 1.4 | | | | | | | | | | | | | | | | 24 | 24 | 23 | 32 |
| 14/ 13 | 2.2 | 1.7 | .1 | | | | | | | | | | | | | | | 37 | 37 | 35 | 28 |
| 12/ 11 | 1.3 | 1.7 | | | | | | | | | | | | | | | | 28 | 28 | 29 | 32 |
| 10/ 9 | 2.3 | 2.2 | | | | | | | | | | | | | | | | 46 | 46 | 42 | 22 |
| 8/ 7 | 1.3 | 1.5 | | | | | | | | | | | | | | | | 26 | 26 | 32 | 22 |
| 6/ 5 | 1.2 | 1.3 | | | | | | | | | | | | | | | | 23 | 23 | 24 | 35 |
| 4/ 3 | 1.8 | 1.3 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 23 |
| 2/ 1 | 1.1 | .4 | | | | | | | | | | | | | | | | 13 | 13 | 16 | 29 |
| 0/ -1 | 1.7 | 1.3 | | | | | | | | | | | | | | | | 28 | 28 | 24 | 28 |
| -2/ -3 | 1.5 | 1.3 | | | | | | | | | | | | | | | | 26 | 26 | 26 | 18 |
| -4/ -5 | 1.7 | .4 | | | | | | | | | | | | | | | | 20 | 20 | 26 | 15 |
| -6/ -7 | 1.2 | .8 | | | | | | | | | | | | | | | | 18 | 18 | 15 | 25 |
| -8/ -9 | 1.1 | .9 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 24 |
| -10/-11 | 1.3 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 17 | 20 |
| -12/-13 | 1.2 | .3 | | | | | | | | | | | | | | | | 14 | 14 | 14 | 17 |
| -14/-15 | 1.9 | .4 | | | | | | | | | | | | | | | | 22 | 22 | 22 | 17 |
| -16/-17 | 1.5 | .4 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 16 |
| -18/-19 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 10 | 20 |
| -20/-21 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 18 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

2

25220 PRINCE GEORGE A C DOT APT 57-66 JAN
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -22/-23 | | | | | | | | | | | | | | | | | | | | 12 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | 10 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | 11 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | 2 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | 88.8 | 45.9 | 1.9 | 3.2 | 1.1 | .1 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5926182 | 73452 | 79.0 | 11.595 | 930 | | | | | | | |
| Dry Bulb | 320504 | 15735 | 16.9 | 16.544 | 930 | 19.0 | 74.9 | | | | | 93 |
| Wet Bulb | 457463 | 14597 | 15.7 | 15.678 | 930 | 19.3 | 80.8 | | | | | 93 |
| Dew Point | 386126 | 10537 | 11.3 | 16.948 | 930 | 25.4 | 89.6 | | | | | 93 |

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

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2

# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE S C DOT APT 57-66 JAN
STATION NAME YEARS MONTH

PAGE 1 1500-1700 HRS

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48/ 47 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | | |
| 46/ 45 | | | .1 | .1 | .1 | .2 | | | | | | | | | | | | 5 | 5 | | | |
| 44/ 43 | | | .1 | .4 | .3 | .1 | | | | | | | | | | | | 13 | 13 | | | |
| 42/ 41 | | | .1 | .3 | .3 | | | | | | | | | | | | | 16 | 16 | 1 | | |
| 40/ 39 | | .1 | .6 | .3 | .1 | | | | | | | | | | | | | 11 | 11 | 9 | | 1 |
| 38/ 37 | | 1.0 | 1.3 | 1.0 | | | | | | | | | | | | | | 36 | 36 | 24 | | |
| 36/ 35 | .1 | 2.5 | 1.7 | .5 | | | | | | | | | | | | | | 45 | 45 | 36 | | 11 |
| 34/ 33 | .9 | 2.9 | .8 | .1 | | | | | | | | | | | | | | 43 | 43 | 47 | | 32 |
| 32/ 31 | 1.7 | 4.3 | 1.9 | | | | | | | | | | | | | | | 74 | 74 | 76 | | 60 |
| 30/ 29 | 1.4 | 4.0 | 1.2 | | | | | | | | | | | | | | | 59 | 59 | 62 | | 51 |
| 28/ 27 | .9 | 3.2 | .4 | | | | | | | | | | | | | | | 42 | 42 | 61 | | 54 |
| 26/ 25 | 1.8 | 2.0 | .1 | | | | | | | | | | | | | | | 37 | 37 | 52 | | 55 |
| 24/ 23 | 1.6 | 1.9 | | | | | | | | | | | | | | | | 33 | 33 | 34 | | 55 |
| 22/ 21 | 1.9 | 2.6 | .1 | | | | | | | | | | | | | | | 43 | 43 | 37 | | 56 |
| 20/ 19 | 2.0 | 1.5 | | | | | | | | | | | | | | | | 33 | 33 | 45 | | 38 |
| 18/ 17 | 1.2 | 1.8 | | | | | | | | | | | | | | | | 28 | 28 | 24 | | 47 |
| 16/ 15 | 1.6 | 1.2 | .1 | | | | | | | | | | | | | | | 27 | 27 | 31 | | 22 |
| 14/ 13 | 2.3 | 1.4 | .2 | | | | | | | | | | | | | | | 36 | 36 | 30 | | 27 |
| 12/ 11 | 1.5 | 1.8 | | | | | | | | | | | | | | | | 31 | 31 | 31 | | 29 |
| 10/ 9 | 2.8 | 1.1 | | | | | | | | | | | | | | | | 36 | 36 | 43 | | 28 |
| 8/ 7 | 1.3 | 1.2 | | | | | | | | | | | | | | | | 23 | 23 | 20 | | 32 |
| 6/ 5 | 1.9 | 1.9 | | | | | | | | | | | | | | | | 36 | 36 | 34 | | 24 |
| 4/ 3 | 1.5 | .9 | | | | | | | | | | | | | | | | 22 | 22 | 24 | | 26 |
| 2/ 1 | 1.2 | 1.1 | | | | | | | | | | | | | | | | 21 | 21 | 21 | | 27 |
| 0/ -1 | 1.5 | 1.3 | | | | | | | | | | | | | | | | 26 | 26 | 26 | | 19 |
| -2/ -3 | 1.3 | .4 | | | | | | | | | | | | | | | | 20 | 20 | 28 | | 21 |
| -4/ -5 | 1.4 | .5 | | | | | | | | | | | | | | | | 18 | 18 | 18 | | 23 |
| -6/ -7 | 2.2 | .3 | | | | | | | | | | | | | | | | 23 | 23 | 23 | | 28 |
| -8/ -9 | 1.7 | .3 | | | | | | | | | | | | | | | | 19 | 19 | 18 | | 19 |
| -10/-11 | 1.3 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 17 | | 19 |
| -12/-13 | 1.2 | .3 | | | | | | | | | | | | | | | | 14 | 14 | 13 | | 23 |
| -14/-15 | 2.3 | .4 | | | | | | | | | | | | | | | | 24 | 24 | 24 | | 17 |
| -16/-17 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 10 | | 14 |
| -18/-19 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | | 13 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26 5 (OL-A) Previous editions of this form are obsolete

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# PSYCHROMETRIC SUMMARY

252 [illegible] PRINCE GEORGE B C INT APT 57-66 JA
STATION NAME YEARS MONTH

PAGE 2 1500-1700
HOURS (L.S.T.)

| Temp. F | WET BULB TEMPERATURE DEPRESSION (F) 1 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20 / -21 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 6 |
| -22 / -23 | | | | | | | | | | | | | | | | | | 1 | 20 |
| -24 / -25 | | | | | | | | | | | | | | | | | | | 11 |
| -26 / -27 | | | | | | | | | | | | | | | | | | | 8 |
| -28 / -29 | | | | | | | | | | | | | | | | | | | 3 |
| -30 / -31 | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 2.7 | 42.6 | 9.6 | 3.6 | 1.9 | .4 | | | | | | | | | | 930 | 930 | 930 |

| Element X | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6166060 | 74346 | 79.9 | 11.492 | 930 | | | | | | | |
| Dry Bulb | 523368 | 15984 | 17.2 | 16.360 | 930 | 17.9 | 76.0 | | | | | 93 |
| Wet Bulb | 461580 | 14908 | 16.0 | 15.480 | 930 | 18.6 | 81.3 | | | | | 93 |
| Dew Point | 392107 | 11043 | 11.9 | 16.761 | 930 | 24.5 | 88.6 | | | | | 83 |

USAFETAC FORM 0-26-5 (OL-A)

DATA PROCESSING DIVISION
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2

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE A (OUT APT) 57-66 JAN
STATION NAME YEARS MONTH

PAGE 1 1800-2000
HOURS (L.S.T.)

| Temp °F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46/ 45 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 44/ 43 | | | .4 | 1.1 | .1 | | | | | | | | | | | | | 14 | 14 | | |
| 42/ 41 | | | .6 | .5 | | | | | | | | | | | | | | 11 | 11 | | |
| 40/ 39 | | .1 | .3 | .6 | .2 | | | | | | | | | | | | | 15 | 15 | 6 | |
| 38/ 37 | | .9 | 1.2 | .8 | | | | | | | | | | | | | | 26 | 26 | 22 | 1 |
| 36/ 35 | .4 | 1.9 | 1.4 | | | | | | | | | | | | | | | 35 | 35 | 23 | 11 |
| 34/ 33 | 1.2 | 2.6 | .9 | .1 | | | | | | | | | | | | | | 43 | 43 | 54 | 32 |
| 32/ 31 | 1.1 | 2.8 | 1.3 | | | | | | | | | | | | | | | 48 | 48 | 52 | 42 |
| 30/ 29 | 1.6 | 3.4 | .5 | | | | | | | | | | | | | | | 52 | 52 | 50 | 56 |
| 28/ 27 | 2.3 | 3.3 | .2 | | | | | | | | | | | | | | | 54 | 54 | 70 | 51 |
| 26/ 25 | 1.6 | 2.2 | .2 | | | | | | | | | | | | | | | 47 | 47 | 49 | 67 |
| 24/ 23 | 1.4 | 1.5 | | | | | | | | | | | | | | | | 27 | 27 | 34 | 40 |
| 22/ 21 | 1.9 | 1.8 | | | | | | | | | | | | | | | | 35 | 35 | 31 | 41 |
| 20/ 19 | 3.3 | 1.6 | | | | | | | | | | | | | | | | 48 | 48 | 53 | 34 |
| 18/ 17 | 3.1 | 1.9 | | | | | | | | | | | | | | | | 38 | 38 | 39 | 55 |
| 16/ 15 | 2.4 | .8 | | | | | | | | | | | | | | | | 28 | 28 | 31 | 34 |
| 14/ 13 | 2.3 | .9 | | | | | | | | | | | | | | | | 29 | 29 | 29 | 32 |
| 12/ 11 | 2.5 | 1.0 | | | | | | | | | | | | | | | | 32 | 32 | 31 | 27 |
| 10/ 9 | 2.8 | 1.3 | | | | | | | | | | | | | | | | 34 | 34 | 37 | 27 |
| 8/ 7 | 2.4 | .6 | | | | | | | | | | | | | | | | 24 | 24 | 32 | 32 |
| 6/ 5 | 1.7 | .9 | | | | | | | | | | | | | | | | 24 | 24 | 21 | 33 |
| 4/ 3 | 2.0 | .4 | | | | | | | | | | | | | | | | 23 | 23 | 25 | 25 |
| 2/ 1 | 1.2 | 1.3 | | | | | | | | | | | | | | | | 23 | 23 | 21 | 23 |
| 0/ -1 | 1.9 | .8 | | | | | | | | | | | | | | | | 25 | 25 | 27 | 19 |
| -2/ -3 | 1.5 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 18 | 10 |
| -4/ -5 | 1.9 | .4 | | | | | | | | | | | | | | | | 22 | 22 | 20 | 21 |
| -6/ -7 | 1.3 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 24 |
| -8/ -9 | 2.0 | .1 | | | | | | | | | | | | | | | | 20 | 20 | 20 | 23 |
| -10/-11 | 1.9 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 19 | 19 |
| -12/-13 | 1.8 | .3 | | | | | | | | | | | | | | | | 20 | 20 | 21 | 20 |
| -14/-15 | 2.4 | .3 | | | | | | | | | | | | | | | | 25 | 25 | 23 | 18 |
| -16/-17 | 1.8 | .1 | | | | | | | | | | | | | | | | 18 | 18 | 20 | 17 |
| -18/-19 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 19 |
| -20/-21 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 12 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
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2

# PSYCHROMETRIC SUMMARY

25236 PRINCE GEORGE A [illegible] 57-66 JAN
STATION NAME YEARS MONTH

PAGE 2 1400-2000
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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -22/-23 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 21 |
| -24/-25 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 14 |
| -26/-27 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 9 |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 4 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 96.1 | 33.0 | 7.1 | 3.2 | .3 | .2 | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6454392 | 76846 | 82.7 | 10.264 | 929 | | | | | | | |
| Dry Bulb | 483059 | 13447 | 14.5 | 17.626 | 930 | 22.0 | 78.4 | | | | | 93 |
| Wet Bulb | 436827 | 12655 | 13.6 | 16.877 | 930 | 22.5 | 82.5 | | | | | 93 |
| Dew Point | 392376 | 9316 | 10.0 | 17.942 | 930 | 26.7 | 88.6 | | | | | 93 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | JAN. MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46/ 45 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 44/ 43 | | | .1 | .9 | .2 | | | | | | | | | | | | | 11 | 11 | | |
| 42/ 41 | | .2 | .6 | .6 | .1 | | | | | | | | | | | | | 15 | 15 | 1 | |
| 40/ 39 | | .2 | .2 | .9 | | | | | | | | | | | | | | 15 | 15 | 3 | |
| 38/ 37 | | .9 | .5 | | | | | | | | | | | | | | | 22 | 22 | 21 | 2 |
| 36/ 35 | .6 | 1.5 | 1.1 | .2 | | | | | | | | | | | | | | 32 | 32 | 30 | 8 |
| 34/ 33 | .5 | 3.1 | .4 | .1 | | | | | | | | | | | | | | 39 | 39 | 40 | 30 |
| 32/ 31 | 1.3 | 1.8 | .8 | | | | | | | | | | | | | | | 36 | 36 | 53 | 38 |
| 30/ 29 | 1.6 | 2.7 | .9 | | | | | | | | | | | | | | | 48 | 48 | 43 | 57 |
| 28/ 27 | 1.4 | 2.5 | .2 | | | | | | | | | | | | | | | 38 | 38 | 45 | 52 |
| 26/ 25 | 1.8 | 2.8 | .2 | | | | | | | | | | | | | | | 45 | 45 | 51 | 37 |
| 24/ 23 | 2.5 | 1.4 | | | | | | | | | | | | | | | | 36 | 36 | 42 | 49 |
| 22/ 21 | 2.6 | 1.6 | | | | | | | | | | | | | | | | 39 | 39 | 42 | 42 |
| 20/ 19 | 3.2 | 1.6 | | | | | | | | | | | | | | | | 45 | 45 | 44 | 43 |
| 18/ 17 | 3.7 | .4 | | | | | | | | | | | | | | | | 38 | 38 | 42 | 49 |
| 16/ 15 | 2.3 | 1.3 | | | | | | | | | | | | | | | | 33 | 33 | 29 | 41 |
| 14/ 13 | 3.3 | .9 | | | | | | | | | | | | | | | | 39 | 39 | 41 | 27 |
| 12/ 11 | 2.3 | 1.0 | | | | | | | | | | | | | | | | 32 | 32 | 35 | 37 |
| 10/ 9 | 2.7 | 1.5 | | | | | | | | | | | | | | | | 39 | 39 | 32 | 29 |
| 8/ 7 | 2.8 | 1.0 | | | | | | | | | | | | | | | | 35 | 35 | 39 | 31 |
| 6/ 5 | 1.2 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 17 | 37 |
| 4/ 3 | 1.1 | .3 | | | | | | | | | | | | | | | | 13 | 13 | 12 | 23 |
| 2/ 1 | 2.3 | 1.0 | | | | | | | | | | | | | | | | 30 | 30 | 24 | 16 |
| 0/ -1 | .9 | .6 | | | | | | | | | | | | | | | | 14 | 14 | 20 | 12 |
| -2/ -3 | 1.5 | .4 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 16 |
| -4/ -5 | 2.0 | .3 | | | | | | | | | | | | | | | | 22 | 22 | 22 | 17 |
| -6/ -7 | 1.9 | | | | | | | | | | | | | | | | | 18 | 18 | 19 | 19 |
| -8/ -9 | 1.0 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 30 |
| -10/-11 | 2.2 | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 16 |
| -12/-13 | 2.0 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 16 |
| -14/-15 | 3.3 | | | | | | | | | | | | | | | | | 31 | 31 | 31 | 22 |
| -16/-17 | 1.6 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 15 | 19 |
| -18/-19 | 1.2 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 13 | 19 |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 21 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

292 6 — STATION NUMBER
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
JA — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -22/-23 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 14 |
| -24/-25 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 9 |
| -26/-27 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 7 |
| -28/-29 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 9 |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 13 |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 6 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 3 | | 2 |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 30.9 | 29.6 | 6.4 | 2.7 | .3 | .1 | | | | | | | | | | | | 927 | 940 | 927 | 927 |
| | | | | | | | | | | | | | | | | | | 927 | | 927 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6554712 | 77412 | 83.5 | 9.869 | 927 | | | | | | | |
| Dry Bulb | 472328 | 12044 | 13.0 | 18.453 | 930 | 23.7 | 79.5 | | | | | 93 |
| Wet Bulb | 428060 | 11468 | 12.4 | 17.580 | 927 | 24.2 | 83.5 | | | | | 93 |
| Dew Point | 393742 | 8272 | 8.9 | 18.587 | 927 | 28.0 | 89.0 | | | | | 93 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE A C OUT APT 57-66 FEB
STATION STATION NAME YEARS 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 |
| 48/ 47 | | | | .2 | .4 | | | | | | | | | | | | | 5 | 5 | | |
| 46/ 45 | | | | .7 | | | | | | | | | | | | | | 6 | 6 | | |
| 44/ 43 | | | | .5 | .5 | | | | | | | | | | | | | 4 | 8 | | |
| 42/ 41 | | .4 | .5 | .9 | .5 | | | | | | | | | | | | | 19 | 19 | 5 | |
| 40/ 39 | .2 | .5 | 1.2 | .9 | | | | | | | | | | | | | | 24 | 24 | 12 | 3 |
| 38/ 37 | | 1.1 | 1.7 | .6 | | | | | | | | | | | | | | 28 | 28 | 14 | 4 |
| 36/ 35 | 1.4 | 1.1 | 1.8 | .6 | | | | | | | | | | | | | | 41 | 41 | 58 | 18 |
| 34/ 33 | 1.2 | 3.2 | 1.4 | .2 | | | | | | | | | | | | | | 51 | 51 | 45 | 31 |
| 32/ 31 | 2.1 | 2.5 | 1.6 | .2 | | | | | | | | | | | | | | 56 | 56 | 69 | 51 |
| 30/ 29 | 1.7 | 2.4 | 3.0 | .1 | | | | | | | | | | | | | | 60 | 60 | 36 | 65 |
| 28/ 27 | 1.2 | 3.1 | 1.7 | | | | | | | | | | | | | | | 50 | 50 | 56 | 37 |
| 26/ 25 | 1.9 | 3.8 | .5 | | | | | | | | | | | | | | | 52 | 52 | 67 | 49 |
| 24/ 23 | 1.3 | 2.5 | .4 | | | | | | | | | | | | | | | 35 | 35 | 55 | 50 |
| 22/ 21 | 1.4 | 2.4 | .1 | | | | | | | | | | | | | | | 33 | 33 | 33 | 55 |
| 20/ 19 | 2.8 | 1.4 | .1 | | | | | | | | | | | | | | | 37 | 37 | 48 | 41 |
| 18/ 17 | 2.4 | .8 | | | | | | | | | | | | | | | | 27 | 27 | 29 | 69 |
| 16/ 15 | 1.9 | .9 | | | | | | | | | | | | | | | | 24 | 24 | 24 | 34 |
| 14/ 13 | 3.5 | 1.4 | | | | | | | | | | | | | | | | 42 | 42 | 38 | 29 |
| 12/ 11 | 2.1 | 1.2 | | | | | | | | | | | | | | | | 28 | 28 | 32 | 32 |
| 10/ 9 | 2.7 | 1.3 | | | | | | | | | | | | | | | | 34 | 34 | 34 | 27 |
| 8/ 7 | 2.1 | .9 | | | | | | | | | | | | | | | | 26 | 26 | 25 | 31 |
| 6/ 5 | 1.4 | 1.2 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 26 |
| 4/ 3 | 1.5 | .6 | | | | | | | | | | | | | | | | 18 | 18 | 21 | 25 |
| 2/ 1 | 1.8 | .6 | | | | | | | | | | | | | | | | 20 | 20 | 21 | 19 |
| 0/ -1 | 1.2 | .5 | | | | | | | | | | | | | | | | 14 | 14 | 15 | 13 |
| -2/ -3 | 1.7 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 14 | 22 |
| -4/ -5 | 1.7 | | | | | | | | | | | | | | | | | 14 | 14 | 15 | 23 |
| -6/ -7 | .8 | .4 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 15 |
| -8/ -9 | .9 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 18 |
| -10/-11 | 1.9 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 3 |
| -12/-13 | .6 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 14 |
| -14/-15 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 10 |
| -16/-17 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 4 | 6 |
| -18/-19 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Ref. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETA
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

252 20 — STATION
PRINCE GEORGE A C DUT APT — STATION NAME
57-66 — YEARS
FEB — MONTH

 0000-0200 HOURS L.S.T.

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20/-21 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| -22/-23 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 |
| -26/-27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 1 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 45.4 | 34.3 | 13.9 | 5.1 | 1.3 | | | | | | | | | | | | | 846 | | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7340139 | 68937 | 81.5 | 11.749 | 846 | | | | | | | |
| Dry Bulb | 530781 | 16839 | 19.9 | 15.215 | 846 | 9.9 | 65.9 | | | | | 84 |
| Wet Bulb | 465819 | 15763 | 18.6 | 14.272 | 846 | 10.0 | 70.7 | | | | | 84 |
| Dew Point | 372861 | 12575 | 14.9 | 14.834 | 846 | 14.9 | 78.4 | | | | | 84 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C DOT APT 57-66 FEB
STATION NAME YEARS MONTH

PAGE 1 0300-0500

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50/ 49 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | |
| 48/ 47 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | |
| 46/ 45 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | |
| 44/ 43 | | | .1 | .7 | | | | | | | | | | | | | | 1 | 1 | |
| 42/ 41 | | .7 | .4 | .2 | .4 | | | | | | | | | | | | | 14 | 14 | 7 | 1 |
| 40/ 39 | | .1 | 1.1 | .2 | | | | | | | | | | | | | | 12 | 12 | 7 | 2 |
| 38/ 37 | | 1.5 | 1.6 | .5 | | | | | | | | | | | | | | 32 | 32 | 10 | 5 |
| 36/ 35 | .7 | 2.1 | 2.1 | .4 | | | | | | | | | | | | | | 44 | 44 | 45 | 6 |
| 34/ 33 | 2.6 | 2.3 | .5 | .1 | .1 | | | | | | | | | | | | | 47 | 47 | 51 | 48 |
| 32/ 31 | 1.2 | 3.2 | 1.5 | .1 | | | | | | | | | | | | | | 51 | 51 | 56 | 49 |
| 30/ 29 | 2.0 | 3.1 | 2.3 | .2 | | | | | | | | | | | | | | 64 | 64 | 45 | 41 |
| 28/ 27 | 1.2 | 3.2 | 1.3 | | | | | | | | | | | | | | | 48 | 48 | 58 | 51 |
| 26/ 25 | 1.5 | 4.3 | .4 | | | | | | | | | | | | | | | 56 | 56 | 62 | 47 |
| 24/ 23 | 1.5 | 2.0 | .2 | | | | | | | | | | | | | | | 32 | 32 | 58 | 44 |
| 22/ 21 | 1.8 | 3.3 | .4 | | | | | | | | | | | | | | | 46 | 46 | 39 | 47 |
| 20/ 19 | 2.1 | 2.1 | | | | | | | | | | | | | | | | 36 | 36 | 44 | 53 |
| 18/ 17 | 2.0 | .9 | | | | | | | | | | | | | | | | 25 | 25 | 36 | 57 |
| 16/ 15 | 1.8 | .7 | | | | | | | | | | | | | | | | 21 | 21 | 18 | 38 |
| 14/ 13 | 2.7 | .8 | | | | | | | | | | | | | | | | 30 | 30 | 31 | 33 |
| 12/ 11 | 2.7 | 1.7 | | | | | | | | | | | | | | | | 37 | 37 | 31 | 32 |
| 10/ 9 | 3.0 | 1.2 | | | | | | | | | | | | | | | | 35 | 35 | 42 | 26 |
| 8/ 7 | 2.6 | .6 | | | | | | | | | | | | | | | | 27 | 27 | 29 | 28 |
| 6/ 5 | 2.4 | .6 | | | | | | | | | | | | | | | | 25 | 25 | 23 | 39 |
| 4/ 3 | 1.4 | .9 | | | | | | | | | | | | | | | | 20 | 20 | 19 | 23 |
| 2/ 1 | 1.8 | .2 | | | | | | | | | | | | | | | | 17 | 17 | 21 | 21 |
| 0/ -1 | 1.7 | .2 | | | | | | | | | | | | | | | | 16 | 16 | 16 | 15 |
| -2/ -3 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 9 | 13 |
| -4/ -5 | .7 | .2 | | | | | | | | | | | | | | | | 8 | 8 | 8 | 18 |
| -6/ -7 | 1.1 | .5 | | | | | | | | | | | | | | | | 13 | 13 | 11 | 14 |
| -8/ -9 | .8 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 11 | 14 |
| -10/-11 | 1.4 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 13 | 7 |
| -12/-13 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 |
| -14/-15 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 12 |
| -16/-17 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 11 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

252 STATION | PRINCE GEORGE B C INT APT STATION NAME | 57-66 YEARS | FEB MONTH

 0300-0900 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | 1.1 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 8 |
| -20/-21 | 1.2 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 4 |
| -22/-23 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 12 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 3 |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 |
| -28/-29 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 3 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 2 | 1 | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 47.0 | 37.0 | 11.4 | 2.7 | .8 | | | | | | | | | | | | | | 846 | | 844 |
| | | | | | | | | | | | | | | | | | | 844 | | 844 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5828977 | 69517 | 82.4 | 11.061 | 844 | | | | | | | |
| Dry Bulb | 306445 | 15735 | 18.6 | 15.906 | 846 | 11.3 | 67.9 | | | | | 84 |
| Wet Bulb | 449476 | 14874 | 17.6 | 14.908 | 844 | 11.1 | 72.1 | | | | | 84 |
| Dew Point | 372186 | 11842 | 14.0 | 15.633 | 844 | 15.2 | 77.8 | | | | | 84 |

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

DATA PROCESSING DIVISION
USAF ETAC
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**2**

# PSYCHROMETRIC SUMMARY

252CA — STATION NUMBER
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
FEB — MONTH

PAGE 1 0600-0800 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 / 49 | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | |
| 48 / 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 46 / 45 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 44 / 43 | | | .6 | .9 | .2 | | | | | | | | | | | | | 15 | 15 | | |
| 42 / 41 | | .1 | .2 | | .1 | | | | | | | | | | | | | 4 | 4 | 3 | |
| 40 / 39 | .2 | .1 | 1.2 | | | | | | | | | | | | | | | 13 | 13 | 11 | 3 |
| 38 / 37 | | 1.3 | 1.8 | .5 | | | | | | | | | | | | | | 30 | 30 | 10 | 3 |
| 36 / 35 | .6 | 1.9 | 1.1 | .4 | | | | | | | | | | | | | | 33 | 33 | 39 | 6 |
| 34 / 33 | 1.3 | 3.2 | 1.1 | .2 | | | | | | | | | | | | | | 49 | 49 | 46 | 38 |
| 32 / 31 | 1.7 | 3.1 | 1.1 | .4 | | | | | | | | | | | | | | 52 | 52 | 52 | 47 |
| 30 / 29 | 1.4 | 2.7 | 1.1 | .1 | | | | | | | | | | | | | | 45 | 45 | 45 | 46 |
| 28 / 27 | 1.3 | 2.8 | 2.1 | .1 | | | | | | | | | | | | | | 54 | 54 | 52 | 45 |
| 26 / 25 | 2.1 | 3.7 | 1.1 | | | | | | | | | | | | | | | 58 | 58 | 60 | 46 |
| 24 / 23 | .9 | 2.6 | .5 | | | | | | | | | | | | | | | 34 | 34 | 54 | 43 |
| 22 / 21 | 2.4 | 2.1 | | | | | | | | | | | | | | | | 38 | 38 | 46 | 45 |
| 20 / 19 | 1.8 | 2.7 | .1 | | | | | | | | | | | | | | | 39 | 39 | 42 | 46 |
| 18 / 17 | 2.5 | 2.1 | .1 | | | | | | | | | | | | | | | 40 | 40 | 38 | 49 |
| 16 / 15 | 1.7 | 1.5 | | | | | | | | | | | | | | | | 27 | 27 | 32 | 55 |
| 14 / 13 | 2.5 | .7 | | | | | | | | | | | | | | | | 27 | 27 | 31 | 36 |
| 12 / 11 | 3.4 | 1.2 | | | | | | | | | | | | | | | | 39 | 39 | 33 | 26 |
| 10 / 9 | 3.3 | .7 | | | | | | | | | | | | | | | | 34 | 34 | 40 | 30 |
| 8 / 7 | 2.7 | .4 | | | | | | | | | | | | | | | | 26 | 26 | 27 | 37 |
| 6 / 5 | 1.5 | .2 | | | | | | | | | | | | | | | | 17 | 17 | 17 | 41 |
| 4 / 3 | 1.7 | .4 | | | | | | | | | | | | | | | | 17 | 17 | 16 | 17 |
| 2 / 1 | 2.7 | .5 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 17 |
| 0 / -1 | 1.8 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 13 |
| -2 / -3 | .8 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 9 | 25 |
| -4 / -5 | .5 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 16 |
| -6 / -7 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 10 |
| -8 / -9 | 1.1 | .2 | | | | | | | | | | | | | | | | 11 | 11 | 9 | 7 |
| -10 / -11 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 12 | 14 |
| -12 / -13 | 1.9 | .1 | | | | | | | | | | | | | | | | 17 | 17 | 17 | 16 |
| -14 / -15 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 7 |
| -16 / -17 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 9 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DOT APT — 57-66 — FEB

STATION NAME — YEARS — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 8 |
| -20/-21 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 9 |
| -22/-23 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 1 | 6 |
| -24/-25 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 4 |
| -26/-27 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 7 |
| -28/-29 | .8 | | | | | | | | | | | | | | | | | 7 | 8 | 7 | 3 |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 2 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 49. | 35. | 12. | 2. | .7 | | | | | | | | | | | | | 844 | 846 | 844 | 844 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 586684 | 69788 | 82.7 | 10.687 | 844 | | | | | | | |
| Dry Bulb | 485943 | 14887 | 17.6 | 16.281 | 846 | 12.3 | 69.3 | | | | | 84 |
| Wet Bulb | 432771 | 14071 | 16.7 | 15.333 | 844 | 12.3 | 73.3 | | | | | 84 |
| Dew Point | 360224 | 11080 | 13.1 | 15.961 | 844 | 16.7 | 79.0 | | | | | 84 |

USAFETAC Form 0-26-5 (OL-A1) Jul 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

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# PSYCHROMETRIC SUMMARY

2520 AFSN | PRINCE GEORGE B C DIT APT STATION NAME | 57-66 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. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52/ 51 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| 48/ 47 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 46/ 45 | | | .1 | .4 | .1 | | | | | | | | | | | | | 5 | 5 | | |
| 44/ 43 | | | .2 | 1.1 | .4 | | | | | | | | | | | | | 14 | 14 | 7 | |
| 42/ 41 | | .4 | .5 | .7 | .1 | | | | | | | | | | | | | 14 | 14 | 8 | |
| 40/ 39 | .4 | .2 | 1.4 | .9 | .1 | | | | | | | | | | | | | 29 | 29 | 13 | 3 |
| 38/ 37 | | 1.7 | 2.1 | 1.1 | .1 | | | | | | | | | | | | | 41 | 41 | 20 | 5 |
| 36/ 35 | .1 | 2.5 | 4.1 | .4 | | | | | | | | | | | | | | 51 | 51 | 47 | 10 |
| 34/ 33 | .8 | 3.2 | 2.2 | .7 | | | | | | | | | | | | | | 59 | 59 | 54 | 34 |
| 32/ 31 | 1.3 | 2.1 | 1.4 | .2 | | | | | | | | | | | | | | 43 | 43 | 79 | 54 |
| 30/ 29 | .8 | 4.6 | 2.2 | .5 | | | | | | | | | | | | | | 69 | 69 | 41 | 48 |
| 28/ 27 | .8 | 2.5 | 1.9 | .1 | | | | | | | | | | | | | | 45 | 45 | 69 | 69 |
| 26/ 25 | .5 | 2.8 | 1.2 | | | | | | | | | | | | | | | 33 | 38 | 43 | 54 |
| 24/ 23 | 1.2 | 2.7 | .8 | | | | | | | | | | | | | | | 40 | 40 | 60 | 40 |
| 22/ 21 | 1.7 | 3.3 | .4 | | | | | | | | | | | | | | | 45 | 45 | 33 | 49 |
| 20/ 19 | 2.1 | 2.1 | .3 | | | | | | | | | | | | | | | 43 | 43 | 51 | 46 |
| 18/ 17 | 1.9 | 1.7 | .1 | | | | | | | | | | | | | | | 31 | 31 | 39 | 57 |
| 16/ 15 | 2.2 | 1.8 | | | | | | | | | | | | | | | | 34 | 34 | 37 | 40 |
| 14/ 13 | 1.3 | 2.1 | | | | | | | | | | | | | | | | 29 | 29 | 27 | 39 |
| 12/ 11 | 1.1 | 2.0 | .1 | | | | | | | | | | | | | | | 27 | 27 | 27 | 34 |
| 10/ 9 | 1.4 | 1.9 | | | | | | | | | | | | | | | | 24 | 28 | 32 | 19 |
| 8/ 7 | 1.2 | 1.5 | .1 | | | | | | | | | | | | | | | 24 | 24 | 21 | 35 |
| 6/ 5 | 1.4 | 1.1 | | | | | | | | | | | | | | | | 21 | 21 | 24 | 25 |
| 4/ 3 | 1.7 | .8 | | | | | | | | | | | | | | | | 21 | 21 | 25 | 29 |
| 2/ 1 | 1.3 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 20 |
| 0/ -1 | 1.1 | .2 | | | | | | | | | | | | | | | | 11 | 11 | 12 | 20 |
| -2/ -3 | .7 | .2 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 15 |
| -4/ -5 | .3 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 19 |
| -6/ -7 | 1.2 | .2 | | | | | | | | | | | | | | | | 12 | 12 | 10 | 8 |
| -8/ -9 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 9 | 17 |
| -10/-11 | 1.3 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 14 |
| -12/-13 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 8 |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |
| -16/-17 | .2 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 7 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

2

252 — PRINCE GEORGE A C DET APT — 57-66 — FEB

STATION — STATION NAME — YEARS — MONTH

PAGE 2 — 0900-1100 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | .4 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 6 |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 3 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 5 |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 2 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 2.3 | 1.3 | .7 | 6.0 | 1.1 | .2 | | | | | | | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5307523 | 66191 | 78.3 | 12.053 | 845 | | | | | | | |
| Dry Bulb | 564692 | 18220 | 21.5 | 14.279 | 846 | 7.7 | 62.5 | | | | | 84 |
| Wet Bulb | 484003 | 16847 | 19.9 | 13.257 | 846 | 7.8 | 70.2 | | | | | 84 |
| Dew Point | 369570 | 13146 | 15.5 | 13.986 | 846 | 13.3 | 78.8 | | | | | 84 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

752[illegible] PRINCE GEORGE B C DIST APT 57-56 FEB
STATION NAME YEARS MONTH

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

| Temp. °F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54/ 53 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 52/ 51 | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | |
| 48/ 47 | | | | .2 | .7 | .6 | | | | | | | | | | | | 13 | 13 | | |
| 46/ 45 | | | .1 | .6 | 1.3 | | | | | | | | | | | | | 17 | 17 | 1 | |
| 44/ 43 | | | .5 | .8 | .7 | | | | | | | | | | | | | 17 | 17 | 2 | |
| 42/ 41 | .1 | .2 | 1.1 | 1.5 | 2.1 | | | | | | | | | | | | | 43 | 43 | 7 | |
| 40/ 39 | .4 | .7 | 1.7 | 2.5 | 1.3 | | | | | | | | | | | | | 55 | 55 | 24 | 7 |
| 38/ 37 | .4 | 1.9 | 2.7 | 1.9 | .1 | | | | | | | | | | | | | 59 | 59 | 40 | 5 |
| 36/ 35 | .2 | 2.5 | 3.1 | .8 | .2 | | | | | | | | | | | | | 58 | 58 | 66 | 17 |
| 34/ 33 | .7 | 3.4 | 3.5 | 1.1 | | | | | | | | | | | | | | 74 | 74 | 85 | 38 |
| 32/ 31 | .5 | 2.8 | 3.8 | .6 | | | | | | | | | | | | | | 65 | 65 | 81 | 53 |
| 30/ 29 | .9 | 3.0 | 2.5 | .4 | | | | | | | | | | | | | | 57 | 57 | 80 | 60 |
| 28/ 27 | .4 | 2.2 | 1.1 | | | | | | | | | | | | | | | 31 | 31 | 60 | 71 |
| 26/ 25 | .6 | 3.0 | .9 | | | | | | | | | | | | | | | 38 | 38 | 56 | 73 |
| 24/ 23 | 1.2 | 2.5 | 1.5 | | | | | | | | | | | | | | | 44 | 44 | 41 | 79 |
| 22/ 21 | 1.1 | 2.6 | 1.2 | | | | | | | | | | | | | | | 41 | 41 | 40 | 66 |
| 20/ 19 | .4 | 2.4 | 1.1 | | | | | | | | | | | | | | | 32 | 32 | 31 | 50 |
| 18/ 17 | .1 | 1.8 | .6 | | | | | | | | | | | | | | | 21 | 21 | 32 | 37 |
| 16/ 15 | 1.1 | 1.9 | .8 | | | | | | | | | | | | | | | 32 | 32 | 34 | 31 |
| 14/ 13 | .7 | 2.4 | .5 | | | | | | | | | | | | | | | 30 | 30 | 25 | 25 |
| 12/ 11 | .1 | 2.4 | .4 | | | | | | | | | | | | | | | 24 | 24 | 29 | 28 |
| 10/ 9 | .8 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 26 | 31 |
| 8/ 7 | .8 | 1.1 | | | | | | | | | | | | | | | | 14 | 14 | 16 | 21 |
| 6/ 5 | .9 | 1.3 | | | | | | | | | | | | | | | | 19 | 19 | 19 | 32 |
| 4/ 3 | .8 | | | | | | | | | | | | | | | | | 5 | 5 | 11 | 15 |
| 2/ 1 | 1.1 | .7 | | | | | | | | | | | | | | | | 15 | 15 | 12 | 19 |
| 0/ -1 | .4 | .7 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 23 |
| -2/ -3 | .8 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 9 | 19 |
| -4/ -5 | .5 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 7 |
| -6/ -7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 18 |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 8 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 5 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 6 |
| -14/-17 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

92[illegible] PRINCE GEORGE N C DOT APT 57-66 FE
STATION NAME YEARS MONTH

PART 2 1200-1400
NO. PERIODS

WET BULB TEMPERATURE DEPRESSION (F)

| Temp F | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 14.8 | 42.7 | 10.4 | 6.7 | .7 | | | | | | | | | | | | | 846 | 846 |
| | | | | | | | | | | | | | | | | | | 846 | 846 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 4560130 | 60954 | 72.0 | 14.118 | 846 | | | | | | | |
| Dry Bulb | 747222 | 22922 | 27.1 | 12.219 | 846 | 2.5 | 50.3 | | | | | 84 |
| Wet Bulb | 606610 | 20694 | 24.5 | 10.902 | 846 | 2.8 | 61.7 | | | | | 84 |
| Dew Point | 416216 | 15904 | 18.8 | 11.779 | 846 | 8.7 | 77.3 | | | | | 84 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

25206 PRINCE GEORGE A C JET APT 57-66 FEB
STATION STATION NAME YEARS MONTH

PAGE 1 1500-1700
HOUR

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≠31 | | | | | | | | | | |
| 52/ 51 | | | | | .2 | .1 | | | | | | | | | | | | 3 | 3 | | | | | | | | |
| 50/ 49 | | | | .1 | .2 | .5 | | | | | | | | | | | | 7 | 7 | | | | | | | | |
| 48/ 47 | | | | .5 | .8 | .6 | | | | | | | | | | | | 16 | 16 | | | | | | | | |
| 46/ 45 | | | | .2 | .8 | | | | | | | | | | | | | 12 | 12 | 1 | | | | | | | |
| 44/ 43 | | | .2 | 1.2 | .9 | | | | | | | | | | | | | 25 | 25 | 2 | | | | | | | |
| 42/ 41 | | .1 | .4 | 2.0 | 1.9 | .2 | | | | | | | | | | | | 44 | 44 | 7 | | | | | | | |
| 40/ 39 | .2 | .9 | 2.4 | 2.8 | 1.1 | | | | | | | | | | | | | 63 | 63 | 28 | 5 | | | | | | |
| 38/ 37 | .2 | 1.9 | 3.1 | 1.8 | .6 | .1 | | | | | | | | | | | | 65 | 65 | 42 | 5 | | | | | | |
| 36/ 35 | .8 | 2.2 | 3.1 | 1.8 | .1 | | | | | | | | | | | | | 68 | 68 | 79 | 25 | | | | | | |
| 34/ 33 | .8 | 3.9 | 3.7 | .7 | | | | | | | | | | | | | | 77 | 77 | 85 | 41 | | | | | | |
| 32/ 31 | .6 | 3.3 | 3.5 | .6 | | | | | | | | | | | | | | 68 | 66 | 99 | 54 | | | | | | |
| 30/ 29 | .4 | 1.9 | 2.3 | .5 | | | | | | | | | | | | | | 40 | 40 | 68 | 73 | | | | | | |
| 28/ 27 | .4 | 2.7 | 1.9 | | | | | | | | | | | | | | | 42 | 42 | 80 | 74 | | | | | | |
| 26/ 25 | 1.3 | 2.1 | .7 | .1 | | | | | | | | | | | | | | 36 | 36 | 50 | 68 | | | | | | |
| 24/ 23 | .9 | 2.7 | 2.5 | | | | | | | | | | | | | | | 48 | 48 | 45 | 87 | | | | | | |
| 22/ 21 | .5 | 2.2 | 1.1 | .1 | | | | | | | | | | | | | | 33 | 33 | 41 | 51 | | | | | | |
| 20/ 19 | .2 | 1.9 | 1.3 | .1 | | | | | | | | | | | | | | 30 | 30 | 34 | 49 | | | | | | |
| 18/ 17 | 1.2 | 2.4 | .7 | | | | | | | | | | | | | | | 36 | 36 | 36 | 37 | | | | | | |
| 16/ 15 | .6 | 1.8 | .5 | | | | | | | | | | | | | | | 24 | 24 | 37 | 35 | | | | | | |
| 14/ 13 | .5 | 1.5 | .4 | | | | | | | | | | | | | | | 24 | 24 | 24 | 37 | | | | | | |
| 12/ 11 | .6 | .5 | .2 | | | | | | | | | | | | | | | 11 | 11 | 15 | 28 | | | | | | |
| 10/ 9 | .8 | 1.4 | | | | | | | | | | | | | | | | 19 | 19 | 21 | 30 | | | | | | |
| 8/ 7 | .5 | .7 | | | | | | | | | | | | | | | | 10 | 10 | 15 | 21 | | | | | | |
| 6/ 5 | 1.1 | 1.2 | | | | | | | | | | | | | | | | 19 | 19 | 18 | 26 | | | | | | |
| 4/ 3 | .6 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 14 | 14 | | | | | | |
| 2/ 1 | .6 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 19 | | | | | | |
| 0/ -1 | .3 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 17 | | | | | | |
| -2/ -3 | | .4 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 17 | | | | | | |
| -4/ -5 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 5 | 13 | | | | | | |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | |
| -8/ -9 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 2 | | | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≠ 0 F | ≠ 32 F | ≠ 67 F | ≠ 73 F | ≠ 80 F | ≠ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252 6 — PRINCE GEORGE B C [illegible] APT — 57-66 — FEB
STATION — STATION NAME — YEARS — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 4 | 2 | 30 | 92 | 81 | 12 | 5 | 6 | 7 | 1 | 5 | | | | | | | | 846 | 846 | 846 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4553464 | 60812 | 71.9 | 14.684 | 846 | | | | | | | |
| Dry Bulb | 789873 | 23899 | 28.2 | 11.653 | 846 | 1.4 | 47.1 | | | | | 84 |
| Wet Bulb | 638013 | 21539 | 25.5 | 10.299 | 846 | 1.5 | 59.8 | | | | | 84 |
| Dew Point | 436734 | 16752 | 19.8 | 11.148 | 846 | 6.7 | 76.5 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL-A) 7-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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**2**

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DUT APT 57-66 FEB

STATION NAME YEARS MONTH

PAGE 1 1900-2000

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 50/ 49 | | | | | .5 | | | | | | | | | | | | | 4 | 4 | | |
| 48/ 47 | | | | .6 | .5 | .5 | | | | | | | | | | | | 13 | 13 | | |
| 46/ 45 | | | | | .6 | | | | | | | | | | | | | 2 | 5 | | |
| 44/ 43 | | | | .5 | .2 | | | | | | | | | | | | | 4 | 6 | | |
| 42/ 41 | | | .4 | 1.1 | .5 | | | | | | | | | | | | | 16 | 16 | 9 | |
| 40/ 39 | | .8 | 1.5 | 1.3 | .5 | | | | | | | | | | | | | 35 | 35 | 12 | 3 |
| 38/ 37 | .1 | 1.2 | 2.2 | 1.1 | .2 | | | | | | | | | | | | | 41 | 41 | 24 | 1 |
| 36/ 35 | .9 | 2.7 | 2.2 | 1.9 | .2 | | | | | | | | | | | | | 68 | 68 | 50 | 18 |
| 34/ 33 | 2.2 | 4.0 | 2.1 | .6 | | | | | | | | | | | | | | 76 | 76 | 74 | 36 |
| 32/ 31 | .9 | 3.2 | 1.7 | .4 | | | | | | | | | | | | | | 52 | 52 | 76 | 57 |
| 30/ 29 | 1.4 | 4.7 | 1.9 | .2 | | | | | | | | | | | | | | 65 | 65 | 83 | 65 |
| 28/ 27 | .1 | 2.8 | 1.5 | .1 | | | | | | | | | | | | | | 39 | 39 | 52 | 66 |
| 26/ 25 | 1.7 | 2.8 | .9 | | | | | | | | | | | | | | | 46 | 46 | 53 | 63 |
| 24/ 23 | 2.2 | 2.5 | .6 | | | | | | | | | | | | | | | 45 | 45 | 56 | 66 |
| 22/ 21 | 2.2 | 1.7 | .4 | | | | | | | | | | | | | | | 36 | 36 | 37 | 64 |
| 20/ 19 | 1.5 | 3.5 | .4 | | | | | | | | | | | | | | | 46 | 46 | 43 | 43 |
| 18/ 17 | .8 | 2.8 | .6 | | | | | | | | | | | | | | | 36 | 36 | 37 | 35 |
| 16/ 15 | 2.0 | 1.4 | .2 | | | | | | | | | | | | | | | 31 | 31 | 41 | 40 |
| 14/ 13 | .9 | 2.7 | .1 | | | | | | | | | | | | | | | 31 | 31 | 26 | 44 |
| 12/ 11 | 1.2 | 1.9 | .1 | | | | | | | | | | | | | | | 23 | 23 | 27 | 37 |
| 10/ 9 | 1.2 | 2.1 | .1 | | | | | | | | | | | | | | | 29 | 29 | 31 | 20 |
| 8/ 7 | 1.3 | .9 | | | | | | | | | | | | | | | | 16 | 16 | 22 | 26 |
| 6/ 5 | 1.4 | .7 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 |
| 4/ 3 | 1.2 | .8 | | | | | | | | | | | | | | | | 17 | 17 | 21 | 26 |
| 2/ 1 | .5 | .6 | | | | | | | | | | | | | | | | 9 | 9 | 8 | 26 |
| 0/ -1 | .9 | .2 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 18 |
| -2/ -3 | .7 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 13 |
| -4/ -5 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 8 |
| -6/ -7 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 |
| -8/ -9 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 8 |
| -10/-11 | .3 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 10 |
| -12/-13 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |
| -16/-17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 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

2

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DOT APT 57-66 FEB
STATION NAME YEARS MONTH

PAGE 2 1800-2000
HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | | | | | | | | | | | | | | | | | | | | 3 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | 1 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 8.1 | 44.1 | 16.4 | 7.7 | 3.2 | .5 | | | | | | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | 846 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5266544 | 65770 | 77.7 | 13.475 | 846 | | | | | | | |
| Dry Bulb | 632268 | 20504 | 24.2 | 12.655 | 846 | 4.3 | 57.8 | | | | | 84 |
| Wet Bulb | 537713 | 18951 | 22.4 | 11.574 | 846 | 4.4 | 67.2 | | | | | 84 |
| Dew Point | 400007 | 15149 | 17.9 | 12.343 | 846 | 8.6 | 78.2 | | | | | 84 |

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

23206 STATION | PRINCE GEORGE B C DIST APT STATION NAME | 57-66 YEARS | FEB MONTH

PAGE 1 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 48/ 47 | | | | .7 | .5 | | | | | | | | | | | | | 10 | 10 | | | |
| 46/ 45 | | | | .2 | .7 | .1 | | | | | | | | | | | | 9 | 9 | | | |
| 44/ 43 | | | .1 | .4 | .5 | | | | | | | | | | | | | 9 | 9 | | | |
| 42/ 41 | | | .2 | 1.7 | | | | | | | | | | | | | | 16 | 16 | 6 | | |
| 40/ 39 | .2 | .1 | 1.5 | .8 | .1 | | | | | | | | | | | | | 24 | 24 | 13 | 3 |
| 38/ 37 | .1 | 1.5 | 1.9 | 1.1 | | | | | | | | | | | | | | 39 | 39 | 18 | 2 |
| 36/ 35 | 1.1 | 1.9 | 2.4 | .7 | | | | | | | | | | | | | | 51 | 51 | 58 | 18 |
| 34/ 33 | .8 | 3.9 | 1.6 | .5 | | | | | | | | | | | | | | 59 | 59 | 50 | 31 |
| 32/ 31 | .4 | 3.0 | 3.1 | .2 | | | | | | | | | | | | | | 60 | 60 | 68 | 51 |
| 30/ 29 | 1.4 | 3.4 | 2.2 | .2 | | | | | | | | | | | | | | 62 | 62 | 60 | 61 |
| 28/ 27 | 1.2 | 2.4 | .9 | | | | | | | | | | | | | | | 38 | 38 | 67 | 58 |
| 26/ 25 | 1.9 | 3.0 | 1.2 | .1 | | | | | | | | | | | | | | 52 | 52 | 57 | 54 |
| 24/ 23 | 1.8 | 2.7 | .4 | | | | | | | | | | | | | | | 41 | 41 | 51 | 60 |
| 22/ 21 | 1.7 | 2.4 | .4 | | | | | | | | | | | | | | | 37 | 37 | 38 | 58 |
| 20/ 19 | 2.2 | .9 | .1 | | | | | | | | | | | | | | | 28 | 28 | 40 | 58 |
| 18/ 17 | 1.9 | 2.4 | | | | | | | | | | | | | | | | 36 | 36 | 29 | 44 |
| 16/ 15 | 2.6 | 2.0 | | | | | | | | | | | | | | | | 39 | 39 | 45 | 23 |
| 14/ 13 | 1.8 | 2.0 | .1 | | | | | | | | | | | | | | | 33 | 33 | 36 | 39 |
| 12/ 11 | 1.2 | 1.2 | | | | | | | | | | | | | | | | 20 | 20 | 18 | 43 |
| 10/ 9 | 1.4 | 2.1 | | | | | | | | | | | | | | | | 30 | 30 | 32 | 20 |
| 8/ 7 | 1.8 | 2.1 | | | | | | | | | | | | | | | | 24 | 24 | 27 | 28 |
| 6/ 5 | 2.5 | 1.3 | | | | | | | | | | | | | | | | 32 | 32 | 30 | 21 |
| 4/ 3 | 1.1 | .8 | | | | | | | | | | | | | | | | 16 | 16 | 18 | 23 |
| 2/ 1 | 1.2 | .4 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 27 |
| 0/ -1 | 1.1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 22 |
| -2/ -3 | 1.5 | | | | | | | | | | | | | | | | | 13 | 13 | 14 | 15 |
| -4/ -5 | 1.2 | .4 | | | | | | | | | | | | | | | | 13 | 13 | 12 | 18 |
| -6/ -7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 18 |
| -8/ -9 | .7 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 6 | 8 |
| -10/-11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 11 |
| -12/-13 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 6 |
| -14/-15 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 |
| -16/-17 | .4 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 |
| -18/-19 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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2

# PSYCHROMETRIC SUMMARY

2520 PRINCE GEORGE A C CUT APT — STATION NAME — 57-66 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20/-21 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 4 |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 15.6 | 39.5 | 16.3 | 6.6 | 1.9 | .1 | | | | | | | | | | | | | 846 | | 846 |
| | | | | | | | | | | | | | | | | | | 846 | | 846 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 547799 | 67191 | 79.4 | 12.911 | 846 | | | | | | | |
| Dry Bulb | 576060 | 18640 | 22.0 | 13.989 | 846 | 6.8 | 62.5 | | | | | 84 |
| Wet Bulb | 495380 | 17308 | 20.5 | 12.930 | 846 | 7.0 | 69.6 | | | | | 84 |
| Dew Point | 380545 | 13781 | 16.3 | 13.590 | 846 | 12.3 | 78.6 | | | | | 84 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C DUT APT 57-66 MAR
STATION NAME YEARS 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 |
| 52/ 51 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 50/ 49 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 46/ 45 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | | |
| 44/ 43 | | | .1 | .5 | .2 | | | | | | | | | | | | | 8 | 8 | 4 | |
| 42/ 41 | | .1 | .3 | .9 | .3 | | | | | | | | | | | | | 15 | 15 | | |
| 40/ 39 | | .2 | .1 | .6 | .3 | | | | | | | | | | | | | 12 | 12 | 4 | |
| 38/ 37 | .2 | 1.2 | 1.0 | 1.6 | .2 | | | | | | | | | | | | | 45 | 45 | 13 | 8 |
| 36/ 35 | .5 | 3.1 | 2.4 | 1.0 | .3 | | | | | | | | | | | | | 68 | 68 | 20 | 11 |
| 34/ 33 | 1.3 | 3.8 | 2.6 | 1.2 | | | | | | | | | | | | | | 82 | 82 | 70 | 23 |
| 32/ 31 | 1.6 | 4.5 | 3.[illegible] | .4 | | | | | | | | | | | | | | 91 | 91 | 95 | 58 |
| 30/ 29 | 3.4 | 6.0 | 3.4 | .3 | | | | | | | | | | | | | | 123 | 123 | 129 | 87 |
| 28/ 27 | 1.9 | 6.0 | 1.5 | .2 | | | | | | | | | | | | | | 90 | 90 | 106 | 90 |
| 26/ 25 | 1.6 | 3.8 | 1.5 | | | | | | | | | | | | | | | 66 | 66 | 97 | 71 |
| 24/ 23 | 1.0 | 2.6 | .5 | | | | | | | | | | | | | | | 38 | 38 | 59 | 93 |
| 22/ 21 | 1.1 | 3.4 | .6 | | | | | | | | | | | | | | | 48 | 48 | 45 | 85 |
| 20/ 19 | 1.2 | 2.5 | .5 | | | | | | | | | | | | | | | 39 | 39 | 49 | 68 |
| 18/ 17 | .5 | 1.4 | .2 | | | | | | | | | | | | | | | 20 | 20 | 26 | 54 |
| 16/ 15 | .8 | 1.8 | | | | | | | | | | | | | | | | 24 | 24 | 27 | 40 |
| 14/ 13 | .3 | 1.0 | | | | | | | | | | | | | | | | 12 | 12 | 18 | 30 |
| 12/ 11 | .6 | 1.5 | | | | | | | | | | | | | | | | 20 | 20 | 16 | 29 |
| 10/ 9 | 2.2 | 1.5 | .1 | | | | | | | | | | | | | | | 35 | 35 | 33 | 14 |
| 8/ 7 | .5 | .4 | | | | | | | | | | | | | | | | 9 | 9 | 17 | 20 |
| 6/ 5 | .2 | 1.1 | | | | | | | | | | | | | | | | 12 | 12 | 7 | 29 |
| 4/ 3 | .4 | 1.1 | | | | | | | | | | | | | | | | 14 | 14 | 16 | 11 |
| 2/ 1 | .8 | .5 | | | | | | | | | | | | | | | | 12 | 12 | 18 | 18 |
| 0/ -1 | .9 | .5 | | | | | | | | | | | | | | | | 13 | 13 | 10 | 9 |
| -2/ -3 | .4 | .6 | | | | | | | | | | | | | | | | 10 | 10 | 12 | 9 |
| -4/ -5 | .4 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 8 | 12 |
| -6/ -7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 15 |
| -8/ -9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 13 |
| -10/-11 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 5 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 10 |
| -14/-15 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 |
| -16/-17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 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 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

25206 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 0000-0200 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 3 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 3 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.3 | 49.2 | 18.6 | 7.0 | 1.8 | | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5778194 | 72166 | 77.7 | 13.624 | 929 | | | | | | | |
| Dry Bulb | 704337 | 23367 | 25.1 | 11.233 | 930 | 4.1 | 69.4 | | | | | 93 |
| Wet Bulb | 607522 | 21672 | 23.3 | 10.504 | 930 | 4.2 | 80.0 | | | | | 93 |
| Dew Point | 464422 | 17500 | 18.8 | 12.060 | 930 | 9.1 | 88.8 | | | | | 93 |

USAFETAC FORM 0-26.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25200 STATION | PRINCE GEORGE B C DIST APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 1 0300-0500 HOURS L.S.T.

| Temp °F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50/ 49 | | | | | .3 | | | | | | | | | | | | | 3 | 3 | | |
| 44/ 43 | | | | .8 | .1 | | | | | | | | | | | | | 8 | 8 | 3 | |
| 42/ 41 | | | .1 | .8 | | | | | | | | | | | | | | 8 | 8 | | |
| 40/ 39 | | .1 | .2 | .9 | .2 | | | | | | | | | | | | | 13 | 13 | | |
| 38/ 37 | .1 | .8 | .6 | .8 | | | | | | | | | | | | | | 21 | 21 | 14 | 3 |
| 36/ 35 | .6 | 1.9 | 1.4 | .5 | .1 | | | | | | | | | | | | | 43 | 43 | 29 | 16 |
| 34/ 33 | .9 | 5.7 | 4.3 | .9 | | | | | | | | | | | | | | 106 | 106 | 59 | 15 |
| 32/ 31 | 1.4 | 2.5 | 3.2 | .1 | | | | | | | | | | | | | | 67 | 67 | 73 | 53 |
| 30/ 29 | 2.3 | 5.6 | 3.4 | .1 | | | | | | | | | | | | | | 106 | 106 | 102 | 64 |
| 28/ 27 | 2.7 | 6.1 | 1.6 | .2 | | | | | | | | | | | | | | 99 | 99 | 119 | 80 |
| 26/ 25 | 2.7 | 4.6 | .6 | | | | | | | | | | | | | | | 74 | 74 | 109 | 73 |
| 24/ 23 | 1.4 | 3.3 | .2 | | | | | | | | | | | | | | | 53 | 53 | 63 | 106 |
| 22/ 21 | 1.6 | 2.9 | .3 | | | | | | | | | | | | | | | 49 | 45 | 49 | 95 |
| 20/ 19 | 1.6 | 2.6 | .4 | | | | | | | | | | | | | | | 43 | 43 | 49 | 67 |
| 18/ 17 | 1.7 | 2.8 | .1 | | | | | | | | | | | | | | | 38 | 38 | 35 | 46 |
| 16/ 15 | 1.1 | 1.6 | .1 | | | | | | | | | | | | | | | 26 | 26 | 41 | 43 |
| 14/ 13 | .4 | 1.2 | .1 | | | | | | | | | | | | | | | 16 | 16 | 12 | 28 |
| 12/ 11 | .8 | .8 | .1 | | | | | | | | | | | | | | | 15 | 15 | 19 | 32 |
| 10/ 9 | 1.7 | 1.0 | | | | | | | | | | | | | | | | 25 | 25 | 26 | 29 |
| 8/ 7 | 1.1 | 1.3 | | | | | | | | | | | | | | | | 22 | 22 | 23 | 17 |
| 6/ 5 | .5 | .8 | | | | | | | | | | | | | | | | 12 | 12 | 13 | 23 |
| 4/ 3 | .4 | .8 | | | | | | | | | | | | | | | | 11 | 11 | 10 | 16 |
| 2/ 1 | .6 | 1.1 | | | | | | | | | | | | | | | | 16 | 16 | 15 | 13 |
| 0/ -1 | .4 | .9 | | | | | | | | | | | | | | | | 15 | 15 | 19 | 13 |
| -2/ -3 | .4 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 9 | 8 |
| -4/ -5 | .8 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 11 | 10 |
| -6/ -7 | .1 | | | | | | | | | | | | | | | | | 5 | 5 | 9 | 13 |
| -8/ -9 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 24 |
| -10/-11 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 1 | 11 |
| -12/-13 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 7 |
| -14/-15 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 8 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | 3 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

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# PSYCHROMETRIC SUMMARY

25216 PRINCE GEORGE A C OUT APT 57-66 MAR
STATION NAME YEARS MONTH

PAGE 2 0300-0500
HOURS L.S.T.

| Temp. °F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -22/-23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 2 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .2 | 7.0 | 9.9 | 17.4 | 4.9 | .8 | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 598844 | 73684 | 79.2 | 12.726 | 930 | | | | | | | |
| Dry Bulb | 640350 | 21748 | 23.4 | 11.910 | 930 | 6.0 | 72.8 | | | | | 93 |
| Wet Bulb | 560025 | 20287 | 21.8 | 11.246 | 930 | 6.7 | 82.5 | | | | | 93 |
| Dew Point | 437648 | 16414 | 17.6 | 12.620 | 930 | 11.1 | 89.6 | | | | | 93 |

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

2

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25206 — STATION NUMBER
PRINCE GEORGE B C DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH

PAGE 1 — 0600-0800 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 52 / 51 | | | | .1 | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 50 / 49 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 46 / 45 | | | | | .6 | | | | | | | | | | | | | 6 | 6 | 1 | |
| 44 / 43 | | | | .4 | .1 | | | | | | | | | | | | | 5 | 5 | 2 | |
| 42 / 41 | | | .1 | .3 | .1 | | | | | | | | | | | | | 5 | 5 | | |
| 40 / 39 | | .1 | .9 | 1.0 | .1 | | | | | | | | | | | | | 19 | 19 | 4 | 1 |
| 38 / 37 | .1 | 1.0 | .8 | .4 | .1 | | | | | | | | | | | | | 22 | 22 | 15 | 3 |
| 36 / 35 | 1.1 | 1.7 | 1.8 | .2 | | | | | | | | | | | | | | 45 | 45 | 30 | 13 |
| 34 / 33 | .9 | 4.0 | 3.1 | .3 | | | | | | | | | | | | | | 77 | 77 | 42 | 19 |
| 32 / 31 | 1.1 | 4.8 | 2.3 | .3 | | | | | | | | | | | | | | 89 | 89 | 84 | 52 |
| 30 / 29 | 2.1 | 5.6 | 2.8 | .1 | | | | | | | | | | | | | | 98 | 98 | 100 | 59 |
| 28 / 27 | 2.4 | 6.0 | 1.8 | | | | | | | | | | | | | | | 95 | 95 | 112 | 71 |
| 26 / 25 | 2.2 | 4.8 | .6 | .1 | | | | | | | | | | | | | | 72 | 72 | 105 | 92 |
| 24 / 23 | 1.3 | 4.5 | .9 | | | | | | | | | | | | | | | 62 | 62 | 63 | 100 |
| 22 / 21 | .8 | 2.6 | .5 | | | | | | | | | | | | | | | 34 | 34 | 49 | 90 |
| 20 / 19 | 1.7 | 2.6 | .1 | | | | | | | | | | | | | | | 41 | 41 | 39 | 50 |
| 18 / 17 | 1.4 | 1.9 | .3 | | | | | | | | | | | | | | | 34 | 34 | 46 | 50 |
| 16 / 15 | 1.5 | 2.2 | | | | | | | | | | | | | | | | 34 | 34 | 35 | 40 |
| 14 / 13 | 1.2 | 1.3 | .2 | | | | | | | | | | | | | | | 25 | 25 | 28 | 34 |
| 12 / 11 | 1.2 | .8 | | | | | | | | | | | | | | | | 18 | 18 | 27 | 41 |
| 10 / 9 | 1.2 | .6 | | | | | | | | | | | | | | | | 17 | 17 | 14 | 25 |
| 8 / 7 | .6 | .9 | | | | | | | | | | | | | | | | 14 | 14 | 14 | 21 |
| 6 / 5 | .6 | 1.3 | | | | | | | | | | | | | | | | 18 | 18 | 16 | 23 |
| 4 / 3 | .9 | 1.0 | | | | | | | | | | | | | | | | 17 | 17 | 20 | 15 |
| 2 / 1 | .6 | .9 | | | | | | | | | | | | | | | | 14 | 14 | 13 | 10 |
| 0 / -1 | .9 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 13 | 15 |
| -2 / -3 | .6 | .8 | | | | | | | | | | | | | | | | 13 | 13 | 11 | 16 |
| -4 / -5 | 1.0 | .3 | | | | | | | | | | | | | | | | 12 | 12 | 14 | 8 |
| -6 / -7 | .6 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 9 |
| -8 / -9 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 21 |
| -10 / -11 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 10 |
| -12 / -13 | .2 | .3 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 12 |
| -14 / -15 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 9 |
| -16 / -17 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 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 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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2

# PSYCHROMETRIC SUMMARY

25270 STATION | PRINCE GEORGE A C OUT APT STATION NAME | 57-66 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. | Dry Bulb | Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18/-19 | | | | | | | | | | | | | | | | | | | | | 2 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 6 |
| -22/-23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | 1 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 2 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.5 | 5.1 | 3.4 | 1.2 | | | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 5967697 | 73589 | 79.1 | 12.482 | 930 | | | | | | | |
| Dry Bulb | 632863 | 21395 | 23.0 | 12.305 | 930 | 6.6 | 74.8 | | | | | 93 |
| Wet Bulb | 553562 | 19960 | 21.5 | 11.608 | 930 | 7.1 | 83.6 | | | | | 93 |
| Dew Point | 432667 | 16043 | 17.3 | 12.955 | 930 | 12.1 | 89.4 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
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# PSYCHROMETRIC SUMMARY

2

252[illegible] PRINCE GEORGE [illegible] C INT APT 57-66 [illegible]
STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 / 55 | | | | | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 54 / 53 | | | | | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | |
| 52 / 51 | | | | | | .1 | | | .2 | | | | | | | | | | | | | | 3 | 3 | | |
| 50 / 49 | | | | | | .1 | | .2 | .3 | | | | | | | | | | | | | | 6 | 6 | | |
| 48 / 47 | | | | | | .1 | | .1 | .5 | | | | | | | | | | | | | | 9 | 9 | | |
| 46 / 45 | | | .1 | .3 | | .6 | | .3 | .1 | .1 | | | | | | | | | | | | | 10 | 15 | 3 | |
| 44 / 43 | | | .1 | .4 | | .5 | | 1.3 | .1 | | | | | | | | | | | | | | 23 | 23 | 4 | |
| 42 / 41 | | | .1 | .6 | | 1.6 | | 1.3 | .3 | | | | | | | | | | | | | | 37 | 37 | 7 | 1 |
| 40 / 39 | | .1 | .9 | .3 | | 2.8 | | 1.7 | | | | | | | | | | | | | | | 63 | 53 | 25 | 4 |
| 38 / 37 | | .1 | 1.2 | 2.1 | | 4.2 | | .4 | | | | | | | | | | | | | | | 80 | 80 | 39 | 9 |
| 36 / 35 | | .3 | 1.3 | 5.3 | | 1.3 | | .2 | | | | | | | | | | | | | | | 81 | 81 | 59 | 16 |
| 34 / 33 | | .3 | 3.1 | 4.1 | | 1.8 | | .1 | | | | | | | | | | | | | | | 97 | 97 | 73 | 30 |
| 32 / 31 | 1.2 | 4.0 | 4.1 | | .9 | | .1 | | | | | | | | | | | | | | | | 95 | 95 | 159 | 46 |
| 30 / 29 | 1.1 | 4.8 | 3.1 | | .6 | | | | | | | | | | | | | | | | | | 90 | 90 | 109 | 78 |
| 28 / 27 | .5 | 3.7 | 1.6 | | .5 | | | | | | | | | | | | | | | | | | 59 | 59 | 102 | 101 |
| 26 / 25 | .1 | 1.7 | 2.6 | | .2 | | | | | | | | | | | | | | | | | | 43 | 43 | 69 | 108 |
| 24 / 23 | .4 | 1.7 | 1.2 | | .1 | | | | | | | | | | | | | | | | | | 32 | 32 | 38 | 114 |
| 22 / 21 | .4 | 1.3 | .5 | | | | | | | | | | | | | | | | | | | | 22 | 22 | 41 | 76 |
| 20 / 19 | .5 | .0 | .6 | | | | | | | | | | | | | | | | | | | | 21 | 21 | 34 | 48 |
| 18 / 17 | .5 | .2 | .3 | | | | | | | | | | | | | | | | | | | | 19 | 19 | 22 | 48 |
| 16 / 15 | .3 | .0 | .9 | | | | | | | | | | | | | | | | | | | | 20 | 20 | 15 | 33 |
| 14 / 13 | .0 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | 24 | 24 | 22 | 37 |
| 12 / 11 | .1 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | 18 | 18 | 17 | 22 |
| 10 / 9 | .2 | .9 | .2 | | | | | | | | | | | | | | | | | | | | 12 | 12 | 18 | 18 |
| 8 / 7 | .3 | 1.2 | | | | | | | | | | | | | | | | | | | | | 14 | 14 | 18 | 23 |
| 6 / 5 | .1 | .9 | .1 | | | | | | | | | | | | | | | | | | | | 11 | 11 | 12 | 16 |
| 4 / 3 | .1 | .6 | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 11 | 14 |
| 2 / 1 | .1 | .5 | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 7 |
| 0 / -1 | | .2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 8 |
| -2 / -3 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 7 |
| -4 / -5 | | .2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 |
| -6 / -7 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 11 |
| -8 / -9 | | .2 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 1 | 11 |
| -10 / 11 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 11 |

| Factor | $\Sigma_x$ | $\Sigma_{x^2}$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC [illegible]

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**2**

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE N C [illegible] APT 57-66 MAR
STATION NAME YEARS MONTH

PAGE 2 0700-1100
HOURS (LST)

| Temp. °F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -12/-13 | | | | | | | | | | | | | | | | | | | 7 |
| -14/-15 | .1 | | | | | | | | | | | | | | | | | 1 1 1 | 7 |
| -16/-17 | | | | | | | | | | | | | | | | | | | 2 |
| -18/-19 | | | | | | | | | | | | | | | | | | | 3 |
| -20/-21 | | | | | | | | | | | | | | | | | | | 2 |
| -22/-23 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .1 | 3.9 | 34.1 | 33.1 | 15.6 | 6.6 | 1.7 | .1 | | | | | | | | | | 930 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 4617632 | 63992 | 68.8 | 15.193 | 930 | | | | | | | |
| Dry Bulb | 917892 | 27392 | 29.5 | 10.935 | 930 | 1.7 | 51.0 | | | | | 93 |
| Wet Bulb | 731297 | 24445 | 26.3 | 9.775 | 930 | 2.1 | 71.5 | | | | | 93 |
| Dew Point | 495017 | 18529 | 19.9 | 11.639 | 930 | 8.1 | 87.0 | | | | | 93 |

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

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**2**

# PSYCHROMETRIC SUMMARY

25230 PRINCE GEORGE B C INT APT 57-66 AP

PAGE 1 1200-1400

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60 / 59 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 58 / 57 | | | | | | .3 | | .2 | | | | | | | | | | 5 | 5 | | |
| 56 / 55 | | | | | | .2 | .2 | | | | | | | | | | | 3 | 3 | | |
| 54 / 53 | | | | | .1 | .2 | .5 | .1 | | | | | | | | | | 9 | 9 | | |
| 52 / 51 | | | | .1 | .2 | .9 | .2 | | | | | | | | | | | 13 | 13 | | |
| 50 / 49 | | | .1 | | .9 | 1.5 | .5 | | | | | | | | | | | 28 | 28 | | |
| 48 / 47 | | | .2 | .4 | 1.7 | 2.0 | .5 | | | | | | | | | | | 46 | 46 | 5 | |
| 46 / 45 | | | .1 | .5 | 2.0 | .9 | .2 | | | | | | | | | | | 35 | 35 | 6 | |
| 44 / 43 | | .3 | .3 | 1.7 | 3.1 | 1.6 | .3 | | | | | | | | | | | 59 | 59 | 12 | 1 |
| 42 / 41 | | .2 | .5 | 2.9 | 4.6 | 1.4 | | | | | | | | | | | | 91 | 91 | 31 | 1 |
| 40 / 39 | .2 | 1.0 | 1.4 | 3.7 | 4.2 | .3 | | | | | | | | | | | | 100 | 100 | 55 | 12 |
| 38 / 37 | | 1.3 | 2.3 | 4.0 | 1.3 | .1 | | | | | | | | | | | | 83 | 83 | 80 | 8 |
| 36 / 35 | .3 | 1.6 | 3.9 | 2.5 | .6 | | | | | | | | | | | | | 83 | 83 | 107 | 20 |
| 34 / 33 | .4 | 1.8 | 3.0 | 3.0 | | | | | | | | | | | | | | 77 | 77 | 131 | 30 |
| 32 / 31 | .2 | 2.2 | 2.5 | 1.1 | .2 | | | | | | | | | | | | | 59 | 57 | 143 | 53 |
| 30 / 29 | .3 | 2.2 | 1.7 | 1.1 | | | | | | | | | | | | | | 49 | 49 | 88 | 87 |
| 28 / 27 | | 1.6 | 1.1 | .2 | | | | | | | | | | | | | | 27 | 27 | 65 | 96 |
| 26 / 25 | | 1.3 | .8 | .8 | | | | | | | | | | | | | | 26 | 26 | 38 | 116 |
| 24 / 23 | | 1.3 | 1.1 | .5 | | | | | | | | | | | | | | 23 | 23 | 32 | 102 |
| 22 / 21 | | .6 | .9 | .5 | | | | | | | | | | | | | | 17 | 17 | 17 | 92 |
| 20 / 19 | | .9 | 1.1 | .6 | | | | | | | | | | | | | | 23 | 23 | 22 | 81 |
| 18 / 17 | .1 | .6 | .8 | .2 | | | | | | | | | | | | | | 16 | 16 | 20 | 48 |
| 16 / 15 | | .5 | 1.1 | .1 | | | | | | | | | | | | | | 15 | 16 | 18 | 31 |
| 14 / 13 | | .3 | .5 | | | | | | | | | | | | | | | 10 | 10 | 14 | 24 |
| 12 / 11 | | | .4 | | | | | | | | | | | | | | | 4 | 4 | 12 | 15 |
| 10 / 9 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 7 | 19 |
| 8 / 7 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 9 | 15 |
| 6 / 5 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 8 |
| 4 / 3 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 |
| 2 / 1 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 6 |
| 0 / -1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 6 |
| -2 / -3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | 1 | 8 |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | | 13 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | < 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

2

252[illegible] PRINCE GEORGE B C CITY APT 57-66 JAN
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -8/-9 | | | | | | | | | | | | | | | | | | | | 10 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | 6 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | 7 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1 | 6 | 19 | 23 | 9 | 24 | 0 | 19 | 0 | 9 | 4 | 2 | 6 | . | 3 | . | 1 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3466730 | 54730 | 58.8 | 16.269 | 930 | | | | | | | |
| Dry Bulb | 1263936 | 33016 | 35.5 | 9.942 | 930 | .2 | 28.7 | | | | | 93 |
| Wet Bulb | 924014 | 28279 | 30.4 | 8.308 | 930 | .5 | 50.3 | | | | | 93 |
| Dew Point | 534669 | 20143 | 21.7 | 10.291 | 930 | 6.0 | 85.8 | | | | | 93 |

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

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**2**

# PSYCHROMETRIC SUMMARY

25216 — STATION

PRINCE GEORGE B C DOT APT — STATION NAME

57-66 — YEARS

APR — MONTH

PAGE 1 — HOURS (L.S.T.) 1500-1700

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 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 | 1 | | | |
| 62/ 61 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | |
| 58/ 57 | | | | | | .1 | .1 | .4 | | | | | | | | | | 6 | 6 | | | |
| 56/ 55 | | | | | .1 | .3 | .6 | .5 | | | | | | | | | | 15 | 15 | | | |
| 54/ 53 | | | | | .1 | .4 | .4 | | | | | | | | | | | 9 | 9 | | | |
| 52/ 51 | | | | | .2 | 1.0 | .9 | | | | | | | | | | | 19 | 19 | | | |
| 50/ 49 | | | | .1 | 1.5 | 2.0 | .4 | .1 | | | | | | | | | | 39 | 39 | | | |
| 48/ 47 | | | | .1 | 1.2 | 2.3 | 1.0 | | | | | | | | | | | 42 | 42 | 6 | | |
| 46/ 45 | | | .3 | 1.3 | 2.2 | 1.5 | .6 | | | | | | | | | | | 56 | 56 | 7 | | |
| 44/ 43 | | .1 | .3 | 1.8 | 3.5 | 2.2 | .4 | | | | | | | | | | | 78 | 78 | 23 | | |
| 42/ 41 | | .3 | 1.2 | 2.3 | 3.3 | 2.6 | | | | | | | | | | | | 90 | 90 | 39 | 2 | |
| 40/ 39 | | 1.4 | 2.3 | 3.4 | 3.1 | .2 | | | | | | | | | | | | 97 | 97 | 63 | 7 | |
| 38/ 37 | | 1.2 | 2.4 | 2.9 | 1.5 | | | | | | | | | | | | | 74 | 74 | 94 | 10 | |
| 36/ 35 | .1 | 1.9 | 2.7 | 2.6 | .3 | | | | | | | | | | | | | 71 | 71 | 111 | 26 | |
| 34/ 33 | .5 | 2.9 | 2.6 | 1.6 | .6 | | | | | | | | | | | | | 79 | 79 | 140 | 53 | |
| 32/ 31 | .3 | 1.6 | 2.4 | .3 | | | | | | | | | | | | | | 44 | 44 | 130 | 74 | |
| 30/ 29 | .6 | 2.3 | 2.7 | .4 | .3 | | | | | | | | | | | | | 53 | 53 | 90 | 84 | |
| 28/ 27 | .1 | 1.4 | 1.9 | .4 | .3 | | | | | | | | | | | | | 30 | 30 | 46 | 98 | |
| 26/ 25 | | .4 | 1.1 | 1.2 | .3 | | | | | | | | | | | | | 28 | 28 | 37 | 96 | |
| 24/ 23 | | 1.0 | 1.2 | .2 | .2 | | | | | | | | | | | | | 24 | 24 | 20 | 98 | |
| 22/ 21 | | .5 | .8 | .3 | | | | | | | | | | | | | | 15 | 15 | 27 | 77 | |
| 20/ 19 | | .8 | .5 | .6 | | | | | | | | | | | | | | 18 | 18 | 25 | 73 | |
| 18/ 17 | | .1 | .5 | .6 | | | | | | | | | | | | | | 12 | 12 | 18 | 49 | |
| 16/ 15 | | | .3 | | | | | | | | | | | | | | | 5 | 5 | 12 | 41 | |
| 14/ 13 | | .3 | .2 | | | | | | | | | | | | | | | 5 | 5 | 11 | 23 | |
| 12/ 11 | .2 | .1 | .5 | | | | | | | | | | | | | | | 8 | 8 | 12 | 15 | |
| 10/ 9 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 10 | |
| 8/ 7 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 6 | 19 | |
| 6/ 5 | | .4 | .1 | | | | | | | | | | | | | | | 5 | 5 | 1 | 11 | |
| 4/ 3 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 6 | |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | 3 | 8 | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 | |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 6 | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 6 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL-A1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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**2**

# PSYCHROMETRIC SUMMARY

252 0 — STATION — PRINCE GEORGE B C DOT APT — STATION NAME — 57-66 — YEARS — MAY — MONTH

PAGE 2 — 1500-1700 HOURS (L.S.T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -6/-7 | | | | | | | | | | | | | | | | | | | | | | 10 |
| -8/-9 | | | | | | | | | | | | | | | | | | | | | | 7 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | | 7 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.2 | 17.3 | 22.6 | 20.3 | 18.9 | 12.6 | 4.6 | 1.1 | .1 | .1 | | | | | | | | 930 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 339291 | 53578 | 57.6 | 18.156 | 930 | | | | | | | |
| Dry Bulb | 1358211 | 34393 | 37.0 | 9.638 | 930 | | 25.3 | | | | | 93 |
| Wet Bulb | 978423 | 29277 | 31.5 | 7.817 | 930 | | 44.7 | | | | | 93 |
| Dew Point | 557384 | 20690 | 22.2 | 10.223 | 930 | 5.0 | 83.2 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2

25206 — STATION

PRINCE GEORGE B C DOT APT — STATION NAME

57-66 — YEARS

MAR — MONTH

PAGE 1 1900-2000 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56/ 55 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 54/ 53 | | | | | | .3 | .1 | | | | | | | | | | | 4 | 4 | | |
| 52/ 51 | | | | | .3 | .5 | .1 | | | | | | | | | | | 9 | 9 | | |
| 50/ 49 | | | .1 | | .1 | .3 | .2 | | | | | | | | | | | 7 | 7 | | |
| 48/ 47 | | | | .1 | .2 | .2 | .2 | | | | | | | | | | | 7 | 7 | | |
| 46/ 45 | | .2 | | .6 | 1.3 | .5 | | | | | | | | | | | | 25 | 25 | 5 | |
| 44/ 43 | | | .4 | 1.0 | 1.6 | .6 | .1 | | | | | | | | | | | 35 | 35 | 7 | 3 |
| 42/ 41 | .3 | .3 | 1.1 | 1.8 | 1.6 | .8 | | | | | | | | | | | | 55 | 55 | 12 | 3 |
| 40/ 39 | .1 | .9 | 2.6 | 3.4 | 1.7 | .2 | | | | | | | | | | | | 83 | 83 | 27 | 4 |
| 38/ 37 | .4 | 2.0 | 4.3 | 2.8 | .9 | .1 | | | | | | | | | | | | 95 | 95 | 51 | 8 |
| 36/ 35 | .3 | 3.7 | 4.3 | 1.8 | .8 | | | | | | | | | | | | | 98 | 98 | 106 | 25 |
| 34/ 33 | .8 | 2.7 | 2.3 | 1.4 | .3 | | | | | | | | | | | | | 69 | 69 | 126 | 45 |
| 32/ 31 | 1.5 | 3.4 | 2.7 | 2.2 | | | | | | | | | | | | | | 91 | 91 | 123 | 81 |
| 30/ 29 | 1.4 | 3.3 | 2.6 | 1.0 | | | | | | | | | | | | | | 77 | 77 | 85 | 95 |
| 28/ 27 | .4 | 4.4 | 1.6 | .5 | | | | | | | | | | | | | | 65 | 65 | 99 | 74 |
| 26/ 25 | .8 | 2.2 | 1.4 | .2 | | | | | | | | | | | | | | 40 | 40 | 67 | 123 |
| 24/ 23 | .2 | 1.3 | .6 | .4 | | | | | | | | | | | | | | 24 | 24 | 43 | 73 |
| 22/ 21 | .3 | 1.8 | .1 | .2 | | | | | | | | | | | | | | 23 | 23 | 30 | 77 |
| 20/ 19 | .2 | 2.2 | 1.2 | .4 | | | | | | | | | | | | | | 37 | 37 | 34 | 52 |
| 18/ 17 | .2 | .4 | .4 | .3 | | | | | | | | | | | | | | 13 | 13 | 23 | 52 |
| 16/ 15 | .2 | 1.0 | .6 | .1 | | | | | | | | | | | | | | 18 | 18 | 18 | 54 |
| 14/ 13 | .1 | 1.2 | .6 | | | | | | | | | | | | | | | 18 | 18 | 15 | 32 |
| 12/ 11 | .2 | .5 | .3 | | | | | | | | | | | | | | | 10 | 10 | 21 | 14 |
| 10/ 9 | .1 | .5 | .1 | | | | | | | | | | | | | | | 7 | 7 | 12 | 13 |
| 8/ 7 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 18 |
| 6/ 5 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 11 |
| 4/ 3 | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 13 |
| 2/ 1 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 10 |
| 0/ -1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 6 |
| -2/ -3 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 7 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 4 |
| -6/ -7 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 10 |
| -10/-11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

DATA PROCESSING DIVISION
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**2**

# PSYCHROMETRIC SUMMARY

2526 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | MAR MONTH

PAGE 2 1800-2000 HOURS (LST)

| 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 | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | 4 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | 3 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8 | 933 | 826 | 618 | 88 | 38 | 8 | | | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4618944 | 63556 | 68.3 | 17.222 | 930 | | | | | | | |
| Dry Bulb | 1032868 | 29686 | 31.9 | 9.581 | 930 | .6 | 44.2 | | | | | 93 |
| Wet Bulb | 817613 | 26447 | 28.4 | 8.398 | 930 | .7 | 59.6 | | | | | 93 |
| Dew Point | 547007 | 20363 | 21.9 | 10.434 | 930 | 5.0 | 84.2 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 — STATION
PRINCE GEORGE S C DOT APT — STATION NAME
57-66 — YEARS
MAR — MONTH

PAGE 1 2100-2300 HOURS L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 54 / 53 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 52 / 51 | | | | | .2 | .1 | | | | | | | | | | | | 4 | 3 | | |
| 50 / 49 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 48 / 47 | | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | | |
| 46 / 45 | | .1 | | .2 | .3 | .1 | | | | | | | | | | | | 7 | 7 | 2 | |
| 44 / 43 | | .1 | .2 | .5 | .2 | .2 | | | | | | | | | | | | 12 | 12 | 6 | 1 |
| 42 / 41 | .1 | | .1 | .2 | .8 | | | | | | | | | | | | | 11 | 11 | 3 | |
| 40 / 39 | .4 | .3 | .6 | 1.2 | .3 | | | | | | | | | | | | | 25 | 26 | 13 | 3 |
| 38 / 37 | .5 | 1.7 | 3.2 | 1.9 | .8 | | | | | | | | | | | | | 76 | 76 | 15 | 9 |
| 36 / 35 | .2 | 3.5 | 3.4 | 2.5 | | | | | | | | | | | | | | 90 | 90 | 51 | 18 |
| 34 / 33 | .9 | 5.3 | 3.1 | 1.7 | .1 | | | | | | | | | | | | | 102 | 102 | 95 | 34 |
| 32 / 31 | 1.6 | 4.9 | 3.4 | .5 | | | | | | | | | | | | | | 98 | 98 | 115 | 81 |
| 30 / 29 | 2.6 | 5.3 | 2.2 | 1.1 | | | | | | | | | | | | | | 103 | 103 | 136 | 81 |
| 28 / 27 | 1.3 | 4.4 | 2.0 | .1 | | | | | | | | | | | | | | 73 | 73 | 94 | 84 |
| 26 / 25 | 1.3 | 4.8 | 1.4 | .1 | | | | | | | | | | | | | | 71 | 71 | 89 | 84 |
| 24 / 23 | .6 | 1.9 | 1.2 | .3 | | | | | | | | | | | | | | 38 | 38 | 62 | 83 |
| 22 / 21 | .1 | 1.5 | .3 | | | | | | | | | | | | | | | 21 | 21 | 33 | 83 |
| 20 / 19 | 1.2 | 2.6 | .4 | | | | | | | | | | | | | | | 38 | 38 | 46 | 66 |
| 18 / 17 | .6 | 1.4 | .1 | .2 | | | | | | | | | | | | | | 22 | 22 | 28 | 53 |
| 16 / 15 | .4 | 1.1 | .2 | | | | | | | | | | | | | | | 19 | 19 | 19 | 44 |
| 14 / 13 | .5 | .9 | .3 | | | | | | | | | | | | | | | 16 | 16 | 13 | 32 |
| 12 / 11 | .9 | 1.2 | .1 | | | | | | | | | | | | | | | 20 | 20 | 25 | 27 |
| 10 / 9 | .9 | .9 | .4 | | | | | | | | | | | | | | | 17 | 17 | 17 | 20 |
| 8 / 7 | .1 | 1.2 | .1 | | | | | | | | | | | | | | | 13 | 13 | 12 | 18 |
| 6 / 5 | .4 | .9 | | | | | | | | | | | | | | | | 12 | 12 | 17 | 17 |
| 4 / 3 | .1 | .6 | | | | | | | | | | | | | | | | 7 | 7 | 9 | 10 |
| 2 / 1 | .3 | .5 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 10 |
| 0 / -1 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 9 | 7 |
| -2 / -3 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | 12 |
| -4 / -5 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 13 |
| -6 / -7 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 11 |
| -8 / -9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 4 |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | | 6 |
| -12 / -13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C DIT APT STATION NAME | 57-66 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -14/-15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -16/-17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 3 |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | 3 |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | 1 |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | 1 |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 16.0 | 46.5 | 23.0 | 11.0 | 3.0 | .5 | | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5427918 | 69634 | 74.9 | 15.179 | 930 | | | | | | | |
| Dry Bulb | 814174 | 25796 | 27.7 | 10.305 | 930 | 1.8 | 59.4 | | | | | 93 |
| Wet Bulb | 685023 | 23645 | 25.4 | 9.501 | 930 | 2.3 | 74.5 | | | | | 93 |
| Dew Point | 504080 | 18916 | 20.3 | 11.334 | 930 | 7.2 | 86.5 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C OUT APT STATION NAME | 57-66 YEARS | APR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 / 55 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 54 / 53 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 52 / 51 | | | | | .1 | .2 | | | | | | | | | | | | 3 | 3 | | |
| 50 / 49 | | | .2 | .4 | .6 | .1 | .1 | | | | | | | | | | | 13 | 13 | | |
| 48 / 47 | | .1 | .2 | .3 | .2 | .1 | .1 | | | | | | | | | | | 10 | 10 | | |
| 46 / 45 | | .1 | .1 | .9 | | .1 | | | | | | | | | | | | 11 | 11 | 5 | |
| 44 / 43 | .2 | .1 | .4 | 1.2 | 1.1 | .2 | | | | | | | | | | | | 30 | 30 | 12 | 5 |
| 42 / 41 | .2 | 1.0 | .4 | 2.0 | 1.0 | | | | | | | | | | | | | 46 | 46 | 17 | 5 |
| 40 / 39 | .1 | 1.6 | 1.7 | 3.6 | .8 | | | | | | | | | | | | | 69 | 69 | 29 | 11 |
| 38 / 37 | 1.3 | 3.7 | 4.9 | 3.4 | .4 | | | | | | | | | | | | | 124 | 124 | 54 | 23 |
| 36 / 35 | 1.9 | 4.2 | 4.3 | 3.2 | .1 | | | | | | | | | | | | | 124 | 124 | 104 | 44 |
| 34 / 33 | 2.0 | 5.3 | 5.3 | 2.0 | .1 | | | | | | | | | | | | | 133 | 133 | 148 | 71 |
| 32 / 31 | .9 | 5.6 | 4.7 | 1.0 | .2 | | | | | | | | | | | | | 111 | 111 | 142 | 72 |
| 30 / 29 | 1.6 | 6.0 | 4.4 | | | | | | | | | | | | | | | 108 | 108 | 137 | 111 |
| 28 / 27 | .1 | 4.2 | 2.9 | .2 | | | | | | | | | | | | | | 59 | 59 | 115 | 114 |
| 26 / 25 | | 2.1 | .8 | .1 | | | | | | | | | | | | | | 27 | 27 | 72 | 98 |
| 24 / 23 | .1 | .4 | .6 | | | | | | | | | | | | | | | 10 | 10 | 31 | 112 |
| 22 / 21 | .1 | .2 | .3 | | | | | | | | | | | | | | | 6 | 6 | 11 | 88 |
| 20 / 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 69 |
| 18 / 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 33 |
| 16 / 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| 14 / 13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 3 |
| 12 / 11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| 10 / 9 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| 8 / 7 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 |
| 6 / 5 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 2 |
| 4 / 3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| 2 / 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2 / -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.6 | 35.2 | 30.9 | 18.4 | 4.7 | .9 | .3 | | | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5126827 | 66651 | 74.1 | 14.571 | 900 | | | | | | | |
| Dry Bulb | 1089131 | 30787 | 34.2 | 6.326 | 900 | .1 | 33.5 | | | | | 90 |
| Wet Bulb | 901845 | 28047 | 31.2 | 5.562 | 900 | .1 | 53.1 | | | | | 90 |
| Dew Point | 663835 | 23689 | 26.3 | 6.697 | 900 | .3 | 74.1 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

**2**

# PSYCHROMETRIC SUMMARY

25206 — STATION
PRINCE GEORGE A C OUT APT — STATION NAME
57-66 — YEARS
APR — MONTH
PAGE 1
0300-0500 — HOURS (L.S.T.)

| Temp. (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58/ 57 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | | |
| 56/ 55 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | | |
| 50/ 49 | | | .3 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | | | |
| 48/ 47 | | | .1 | .1 | .2 | | | | | | | | | | | | | 4 | 4 | | | |
| 46/ 45 | | | | .4 | .2 | .1 | | | | | | | | | | | | 7 | 7 | 5 | | |
| 44/ 43 | | | .4 | .4 | .6 | .2 | | | | | | | | | | | | 14 | 14 | 3 | | 3 |
| 42/ 41 | .4 | .4 | .7 | 1.1 | .3 | | | | | | | | | | | | | 27 | 27 | 10 | | 2 |
| 40/ 39 | .1 | 1.3 | 2.3 | .8 | .1 | | | | | | | | | | | | | 42 | 42 | 14 | | 6 |
| 38/ 37 | .9 | 2.3 | 3.8 | 2.2 | .2 | | | | | | | | | | | | | 85 | 85 | 39 | | 15 |
| 36/ 35 | 1.4 | 4.8 | 5.8 | 1.9 | | | | | | | | | | | | | | 125 | 125 | 86 | | 29 |
| 34/ 33 | 2.4 | 6.6 | 3.9 | .9 | | | | | | | | | | | | | | 124 | 124 | 115 | | 66 |
| 32/ 31 | 1.3 | 7.4 | 4.9 | .2 | .1 | | | | | | | | | | | | | 126 | 126 | 141 | | 80 |
| 30/ 29 | 1.3 | 6.9 | 4.3 | .2 | | | | | | | | | | | | | | 112 | 112 | 139 | | 111 |
| 28/ 27 | 1.9 | 6.4 | 2.9 | | | | | | | | | | | | | | | 101 | 101 | 132 | | 108 |
| 26/ 25 | .8 | 3.7 | .9 | | | | | | | | | | | | | | | 66 | 66 | 108 | | 122 |
| 24/ 23 | .4 | 1.7 | .4 | | | | | | | | | | | | | | | 23 | 23 | 53 | | 92 |
| 22/ 21 | .1 | .9 | .4 | | | | | | | | | | | | | | | 13 | 13 | 19 | | 95 |
| 20/ 19 | | .3 | .4 | | | | | | | | | | | | | | | 7 | 7 | 12 | | 73 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 6 | | 49 |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 4 | | 10 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | | 3 |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 3 |
| 10/ 9 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | 11 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | | 6 |
| 4/ 3 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | | 2 |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 2 |
| 0/ -1 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 45.4 | 31.2 | 8.4 | 1.9 | .3 | .2 | .1 | | | | | | | | | | 900 | 900 | | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5612405 | 70087 | 77.9 | 13.106 | 900 | | | | | | | |
| Dry Bulb | 964381 | 28901 | 32.1 | 6.355 | 900 | .2 | 46.4 | | | | | 90 |
| Wet Bulb | 823579 | 26743 | 29.7 | 5.672 | 900 | .2 | 62.8 | | | | | 90 |
| Dew Point | 631609 | 23075 | 25.6 | 6.670 | 900 | .6 | 77.7 | | | | | 90 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 — STATION
PRINCE GEORGE A C DOT APT — STATION NAME
57-66 — YEARS
APR — MONTH

 0600-0800 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 58/ 57 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 54/ 53 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 52/ 51 | | | .1 | | .1 | .1 | | | | | | | | | | | | 3 | 3 | | |
| 50/ 49 | | | .4 | | .2 | .1 | | | | | | | | | | | | 7 | 7 | | |
| 48/ 47 | | .1 | | | 1.0 | | | | | | | | | | | | | 10 | 10 | 3 | |
| 46/ 45 | | | .2 | .9 | .9 | .6 | | | | | | | | | | | | 23 | 23 | 4 | 1 |
| 44/ 43 | | .2 | .9 | 1.7 | .8 | .1 | | | | | | | | | | | | 33 | 33 | 3 | 5 |
| 42/ 41 | .2 | 1.0 | 1.2 | 2.3 | .6 | .1 | | | | | | | | | | | | 49 | 49 | 16 | 2 |
| 40/ 39 | .3 | 2.4 | 3.1 | 3.3 | 1.1 | | | | | | | | | | | | | 92 | 92 | 40 | 9 |
| 38/ 37 | 1.0 | 3.3 | 3.3 | 3.6 | .7 | | | | | | | | | | | | | 106 | 106 | 73 | 27 |
| 36/ 35 | .7 | 3.8 | 6.4 | 3.1 | .3 | | | | | | | | | | | | | 129 | 129 | 98 | 44 |
| 34/ 33 | 3.0 | 5.1 | 6.2 | 1.3 | | | | | | | | | | | | | | 141 | 141 | 131 | 70 |
| 32/ 31 | .9 | 7.0 | 3.6 | 1.0 | .1 | | | | | | | | | | | | | 115 | 115 | 173 | 84 |
| 30/ 29 | .7 | 4.6 | 2.6 | .1 | | | | | | | | | | | | | | 73 | 73 | 145 | 113 |
| 28/ 27 | .3 | 3.4 | 1.1 | .1 | | | | | | | | | | | | | | 45 | 45 | 91 | 102 |
| 26/ 25 | .2 | 2.3 | .4 | .2 | | | | | | | | | | | | | | 29 | 29 | 53 | 130 |
| 24/ 23 | | .3 | .2 | .1 | | | | | | | | | | | | | | 15 | 15 | 29 | 108 |
| 22/ 21 | .2 | .6 | .3 | | | | | | | | | | | | | | | 10 | 10 | 16 | 68 |
| 20/ 19 | .2 | .2 | .1 | | | | | | | | | | | | | | | 5 | 5 | 10 | 61 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 33 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 6/ 5 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 |
| 4/ 3 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 |
| 2/ 1 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.9 | 35.8 | 30.7 | 17.7 | 5.8 | 1.1 | .1 | | | | | | | | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 5995904 | 66454 | 73.8 | 14.503 | 900 | | | | | | | |
| Dry Bulb | 1108383 | 31031 | 34.5 | 6.541 | 900 | .1 | 30.5 | | | | | 90 |
| Wet Bulb | 913392 | 28214 | 31.3 | 5.671 | 900 | .1 | 53.2 | | | | | 90 |
| Dew Point | 672895 | 23865 | 26.5 | 6.677 | 900 | .5 | 74.2 | | | | | 90 |

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

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USAF ETAC
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2

# PSYCHROMETRIC SUMMARY

25206 STATION NO. PRINCE GEORGE B C CUT APT STATION NAME 57-66 YEARS APR MONTH

PAGE 1 0900-1100 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64/ 63 | | | | | | | | .1 | .1 | | | | | | | | | 2 | 2 | | |
| 62/ 61 | | | | | | | | .1 | .2 | | | | | | | | | 3 | 3 | | |
| 60/ 59 | | | | .1 | | .1 | .3 | .3 | | | | | | | | | | 8 | 8 | | |
| 58/ 57 | | | | | | .2 | .6 | .3 | .1 | | | | | | | | | 11 | 11 | | |
| 56/ 55 | | | | .1 | .1 | .2 | .8 | .3 | | | | | | | | | | 14 | 14 | | |
| 54/ 53 | | | .1 | | .3 | 1.0 | .6 | .3 | .1 | | | | | | | | | 22 | 22 | 1 | |
| 52/ 51 | | | .1 | .1 | .2 | 1.6 | .9 | .2 | | | | | | | | | | 28 | 28 | | |
| 50/ 49 | | | .2 | .7 | 1.4 | 2.1 | .9 | .6 | | | | | | | | | | 53 | 53 | 5 | 1 |
| 48/ 47 | | .4 | .1 | 1.2 | 2.7 | 2.9 | 1.0 | .1 | | | | | | | | | | 76 | 76 | 11 | |
| 46/ 45 | | .2 | .4 | 2.4 | 3.2 | 2.6 | .2 | | | | | | | | | | | 82 | 82 | 26 | 4 |
| 44/ 43 | .1 | 1.0 | 1.9 | 2.4 | 4.2 | 2.0 | .2 | | | | | | | | | | | 107 | 107 | 34 | 6 |
| 42/ 41 | .1 | 1.0 | 2.0 | 2.8 | 5.1 | 1.3 | | | | | | | | | | | | 111 | 111 | 66 | 11 |
| 40/ 39 | .3 | 2.7 | 2.6 | 4.3 | 4.6 | .1 | | | | | | | | | | | | 131 | 131 | 121 | 14 |
| 38/ 37 | .2 | 2.7 | 2.9 | 4.4 | 1.9 | .2 | | | | | | | | | | | | 103 | 103 | 139 | 46 |
| 36/ 35 | .3 | 2.0 | 2.9 | 2.2 | .1 | | | | | | | | | | | | | 60 | 60 | 153 | 51 |
| 34/ 33 | .7 | 1.4 | .9 | 1.0 | .2 | | | | | | | | | | | | | 38 | 38 | 137 | 72 |
| 32/ 31 | .1 | .8 | .9 | .3 | | | | | | | | | | | | | | 19 | 19 | 119 | 89 |
| 30/ 29 | | .3 | .3 | .1 | | | | | | | | | | | | | | 7 | 7 | 38 | 102 |
| 28/ 27 | | .4 | .4 | .2 | | | | | | | | | | | | | | 9 | 9 | 17 | 70 |
| 26/ 25 | | | .2 | .1 | | | | | | | | | | | | | | 3 | 3 | 11 | 96 |
| 24/ 23 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 119 |
| 22/ 21 | .1 | | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 76 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 71 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 21 |
| 16/ 15 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| 14/ 13 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.3 | 13.8 | 14.3 | 22.7 | 24.1 | 14.3 | 5.4 | 2.4 | .6 | | | | | | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3291774 | 52055 | 57.8 | 17.679 | 900 | | | | | | | |
| Dry Bulb | 1632412 | 37794 | 42.0 | 7.100 | 900 | | 5.1 | | | | | 90 |
| Wet Bulb | 1182232 | 32258 | 35.8 | 5.381 | 900 | | 20.7 | | | | | 90 |
| Dew Point | 707025 | 24403 | 27.1 | 7.103 | 900 | .1 | 69.5 | | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C DIST APT 57-66 APR
STATION NAME YEARS MONTH

PAGE 1 1200-1400
HOURS (LST)

| Temp. °F | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ | 69 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | |
| 68/ | 67 | | | | | | | | | | .1 | .1 | | | | | | | 2 | 2 | | |
| 66/ | 65 | | | | | | | | .2 | .3 | .1 | .1 | | | | | | | 13 | 13 | | |
| 64/ | 63 | | | | | | | .3 | .7 | .2 | .3 | .1 | | | | | | | 15 | 15 | | |
| 62/ | 61 | | | | | | | .2 | .9 | .8 | | | | | | | | | 17 | 17 | | |
| 60/ | 59 | | | | | | .3 | .4 | .8 | .7 | .1 | | | | | | | | 21 | 21 | | |
| 58/ | 57 | | | | | .1 | | 1.4 | 1.1 | .2 | .1 | | | | | | | | 27 | 27 | | |
| 56/ | 55 | | | | | .1 | .8 | 1.8 | 1.0 | .9 | | | | | | | | | 41 | 41 | 1 | |
| 54/ | 53 | | | .1 | .6 | | 1.2 | 1.7 | .6 | .7 | | | | | | | | | 45 | 45 | | |
| 52/ | 51 | | | .1 | .2 | .7 | 2.0 | 3.9 | 1.2 | .1 | | | | | | | | | 74 | 74 | 9 | |
| 50/ | 49 | | | .1 | .4 | 1.2 | 3.9 | 4.7 | .1 | .1 | | | | | | | | | 95 | 95 | 18 | |
| 48/ | 47 | | .2 | .3 | 1.3 | 2.4 | 3.9 | 2.3 | .1 | | | | | | | | | | 99 | 99 | 30 | |
| 46/ | 45 | | .2 | 1.2 | 2.1 | 2.9 | 5.0 | 1.8 | .1 | | | | | | | | | | 120 | 120 | 50 | 5 |
| 44/ | 43 | | .7 | 1.8 | 1.1 | 2.8 | 3.8 | .8 | | | | | | | | | | | 98 | 98 | 64 | 4 |
| 42/ | 41 | | .9 | 1.3 | 2.1 | 3.0 | 1.7 | .1 | | | | | | | | | | | 82 | 82 | 101 | 19 |
| 40/ | 39 | | 1.4 | .9 | 1.0 | 2.1 | .4 | .1 | | | | | | | | | | | 54 | 54 | 164 | 18 |
| 38/ | 37 | .1 | 1.1 | .6 | 1.3 | .3 | | | | | | | | | | | | | 33 | 33 | 146 | 39 |
| 36/ | 35 | | 1.3 | .9 | .9 | | | | | | | | | | | | | | 28 | 28 | 132 | 48 |
| 34/ | 33 | .3 | .3 | .4 | .3 | | | | | | | | | | | | | | 13 | 13 | 97 | 77 |
| 32/ | 31 | | .2 | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 51 | 69 |
| 30/ | 29 | .1 | .1 | .1 | .2 | | | | | | | | | | | | | | 5 | 5 | 17 | 76 |
| 28/ | 27 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 86 |
| 26/ | 25 | | .2 | .1 | | | | | | | | | | | | | | | 3 | 3 | 5 | 88 |
| 24/ | 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 83 |
| 22/ | 21 | | | | | | | | | | | | | | | | | | | | 2 | 88 |
| 20/ | 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 79 |
| 18/ | 17 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 46 |
| 16/ | 15 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | 27 |
| 14/ | 13 | | | | | | | | | | | | | | | | | | | | | 27 |
| 12/ | 11 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 10/ | 9 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 |
| 8/ | 7 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 6/ | 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ | 3 | | | | | | | | | | | | | | | | | | | | | 4 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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**2**

# PSYCHROMETRIC SUMMARY

252 6 PRINCE GEORGE B C AMIT APT 57-66 APR
STATION NAME YEARS MONTH

PAGE 2 1200-1400
HOURS (L.S.T.)

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | .6 | 7.4 | 8.6 | 11.8 | 16.2 | 23.0 | 19.6 | 7.1 | 4.3 | 1.4 | .3 | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2330490 | 42870 | 47.6 | 17.912 | 900 | | | | | | | |
| Dry Bulb | 2037129 | 42239 | 46.9 | 7.805 | 900 | | 2.2 | .3 | | | | 90 |
| Wet Bulb | 1349231 | 34511 | 38.3 | 5.366 | 900 | | 8.8 | | | | | 90 |
| Dew Point | 981919 | 23847 | 26.5 | 7.462 | 900 | | 69.0 | | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE A CAN APT 57-66 APR
STATION NAME YEARS 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. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | |
| 72/ 71 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | | | | | | | | | .3 | .1 | | | | | | 4 | 4 | | |
| 68/ 67 | | | | | | | | | .3 | .4 | .4 | | | | | | | 11 | 11 | | |
| 66/ 65 | | | | | | | | | .2 | .6 | .3 | | | | | | | 12 | 12 | | |
| 64/ 63 | | | | | | | .1 | .4 | .9 | .6 | | | | | | | | 13 | 18 | | |
| 62/ 61 | | | | | | .1 | .3 | .8 | .8 | | | | | | | | | 18 | 18 | | |
| 60/ 59 | | | | | | .2 | .3 | .8 | 1.6 | .4 | | | | | | | | 30 | 30 | | |
| 58/ 57 | | | | | | .2 | .8 | 1.2 | .9 | .1 | | | | | | | | 26 | 29 | 1 | |
| 56/ 55 | | | | | .3 | .3 | .6 | 1.8 | 1.4 | .4 | | | | | | | | 44 | 44 | 2 | |
| 54/ 53 | | | | | .2 | .2 | 1.2 | 2.2 | 1.9 | .2 | | | | | | | | 54 | 54 | 1 | |
| 52/ 51 | | | | | .4 | .6 | 2.1 | 4.6 | 2.2 | .1 | | | | | | | | 90 | 90 | 4 | |
| 50/ 49 | | | .2 | .3 | 1.4 | 3.9 | 4.1 | .2 | | | | | | | | | | 92 | 92 | 23 | |
| 48/ 47 | | .1 | .2 | 1.0 | 2.0 | 4.3 | 4.3 | .3 | | | | | | | | | | 111 | 111 | 44 | |
| 46/ 45 | | 1.0 | .4 | 2.1 | 2.1 | 3.4 | 2.9 | .1 | | | | | | | | | | 109 | 109 | 49 | 6 |
| 44/ 43 | .1 | .8 | .2 | 1.1 | 2.4 | 4.7 | .4 | | | | | | | | | | | 97 | 97 | 71 | 10 |
| 42/ 41 | | .7 | .9 | 1.0 | 1.7 | 1.6 | .2 | | | | | | | | | | | 54 | 54 | 114 | 18 |
| 40/ 39 | | 1.1 | .2 | .8 | 1.2 | .4 | | | | | | | | | | | | 43 | 43 | 155 | 24 |
| 38/ 37 | | .7 | .9 | 1.0 | .3 | | | | | | | | | | | | | 35 | 35 | 159 | 21 |
| 36/ 35 | . | .3 | .4 | .4 | .1 | | | | | | | | | | | | | 14 | 18 | 114 | 49 |
| 34/ 33 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 95 | 65 |
| 32/ 31 | .1 | .2 | .2 | .2 | | | | | | | | | | | | | | 7 | 7 | 38 | 77 |
| 30/ 29 | | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 7 | 74 |
| 28/ 27 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 85 |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 79 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 84 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 95 |
| 20/ 19 | | | .3 | | | | | | | | | | | | | | | 3 | 3 | 1 | 78 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 57 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 16 |
| 12/ 11 | | .3 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26 5 (OL-A) Previous Editions of this form are obsolete

2

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# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C INT APT STATION NAME | 57-66 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 67 | 5 | | | | | | | | | | | | | | | | | | | | 0 |
| 47 | 3 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .4 | 7.9 | 6.6 | 9.1 | 12.4 | 22.8 | 22.1 | 9.4 | 5.7 | 2.2 | 1.1 | .1 | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2173185 | 40951 | 45.5 | 18.566 | 900 | | | | | | | |
| Dry Bulb | 2140206 | 43280 | 48.1 | 8.096 | 900 | | 2.4 | 1.8 | .2 | | | 90 |
| Wet Bulb | 1983021 | 34953 | 38.8 | 5.332 | 900 | | 6.8 | | | | | 90 |
| Dew Point | 970467 | 23579 | 26.2 | 7.658 | 900 | | 70.7 | | | | | 90 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 PRINCE GEORGE A C OUT APT 57-66 APR

STATION NAME YEARS 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 |
| 70/ 69 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | | | | .1 | .1 | | .2 | | | | | | | 4 | 4 | | |
| 66/ 65 | | | | | | | | | | .4 | | | | | | | | 4 | 4 | | |
| 64/ 63 | | | | | | | | .1 | .0 | .6 | | | | | | | | 8 | 8 | | |
| 62/ 61 | | | | | .1 | | .1 | .2 | .3 | | | | | | | | | 7 | 7 | | |
| 60/ 59 | | | | | | .2 | .2 | .4 | .2 | | | | | | | | | 10 | 10 | | |
| 58/ 57 | | | | | | .3 | .4 | .8 | .2 | .1 | | | | | | | | 17 | 17 | | |
| 56/ 55 | | | | .1 | | .6 | 1.2 | .6 | .1 | | | | | | | | | 23 | 23 | | |
| 54/ 53 | | | | .3 | .2 | .3 | 1.0 | .8 | .1 | | | | | | | | | 25 | 25 | 4 | |
| 52/ 51 | | | | .2 | 1.1 | 1.2 | 1.1 | .7 | | | | | | | | | | 39 | 39 | 1 | |
| 50/ 49 | | | .4 | .4 | 1.2 | 2.3 | 1.2 | .1 | | | | | | | | | | 52 | 52 | 7 | |
| 48/ 47 | | .3 | .4 | .7 | 2.2 | 3.9 | 1.3 | .2 | | | | | | | | | | 82 | 82 | 23 | 1 |
| 46/ 45 | | .3 | .4 | 1.9 | 3.3 | 2.8 | 1.3 | | | | | | | | | | | 91 | 91 | 33 | 3 |
| 44/ 43 | .2 | 1.0 | 1.3 | 2.3 | 3.1 | 3.2 | .3 | | | | | | | | | | | 104 | 104 | 47 | 10 |
| 42/ 41 | .2 | 1.9 | 2.7 | 4.0 | 4.0 | 1.0 | | | | | | | | | | | | 124 | 124 | 71 | 15 |
| 40/ 39 | .2 | 2.3 | 2.9 | 3.7 | 2.9 | .2 | | | | | | | | | | | | 102 | 102 | 121 | 25 |
| 38/ 37 | .3 | 1.1 | 1.9 | 2.8 | 1.8 | .3 | | | | | | | | | | | | 74 | 74 | 145 | 41 |
| 36/ 35 | .7 | 1.8 | 1.2 | 2.6 | | | | | | | | | | | | | | 56 | 56 | 155 | 48 |
| 34/ 33 | .7 | 1.1 | 1.4 | .7 | .3 | | | | | | | | | | | | | 38 | 38 | 133 | 81 |
| 32/ 31 | .6 | .2 | 1.0 | .3 | | | | | | | | | | | | | | 19 | 19 | 78 | 77 |
| 30/ 29 | | .4 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 47 | 94 |
| 28/ 27 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 20 | 88 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 5 | 77 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 98 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 92 |
| 20/ 19 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 68 |
| 18/ 17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 32 |
| 16/ 15 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 1 | 16 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | 15 |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0 26 5 (OL 4) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE B C OUT APT STATION NAME | 57-66 YEARS | APR 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0/-1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3 | 21 | 41 | 93 | 220 | 220 | 316 | 164 | 83 | 40 | 18 | 8 | 2 | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3131915 | 50207 | 55.8 | 19.191 | 900 | | | | | | | |
| Dry Bulb | 1753567 | 39115 | 43.5 | 7.720 | 900 | | 3.9 | .5 | | | | 90 |
| Wet Bulb | 1237536 | 33014 | 36.7 | 5.430 | 900 | | 16.1 | | | | | 90 |
| Dew Point | 714802 | 24522 | 27.2 | 7.204 | 900 | .1 | 67.6 | | | | | 90 |

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

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 — STATION — PRINCE GEORGE B C DOT APT — STATION NAME — 57-66 — YEARS — APR — MONTH

PAGE 1 — 2100-2300 — HOURS L. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 62/ 61 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 60/ 59 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | |
| 58/ 57 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 56/ 55 | | | | .1 | | | .2 | | | | | | | | | | | 3 | 3 | | |
| 54/ 53 | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 4 | 4 | | |
| 52/ 51 | | | | .2 | .2 | .4 | .1 | | | | | | | | | | | 9 | 9 | 2 | |
| 50/ 49 | | | .1 | .4 | .6 | .7 | .4 | | | | | | | | | | | 20 | 20 | 2 | |
| 48/ 47 | | .2 | .3 | .4 | .9 | .7 | .2 | | | | | | | | | | | 25 | 25 | 2 | |
| 46/ 45 | .2 | .7 | .2 | .8 | 1.4 | .2 | .1 | | | | | | | | | | | 33 | 33 | 10 | 2 |
| 44/ 43 | | .4 | 1.1 | 2.3 | 3.0 | .7 | | | | | | | | | | | | 68 | 68 | 18 | 10 |
| 42/ 41 | .1 | 1.9 | 2.3 | 3.7 | 3.0 | .2 | | | | | | | | | | | | 101 | 101 | 31 | 8 |
| 40/ 39 | .2 | 2.7 | 2.6 | 4.6 | 1.9 | .2 | | | | | | | | | | | | 109 | 109 | 58 | 23 |
| 38/ 37 | 1.1 | 3.4 | 3.7 | 3.9 | 1.0 | | | | | | | | | | | | | 118 | 118 | 108 | 29 |
| 36/ 35 | .9 | 4.0 | 4.3 | 3.2 | .2 | .1 | | | | | | | | | | | | 115 | 115 | 139 | 52 |
| 34/ 33 | 1.4 | 3.3 | 4.2 | 2.0 | .3 | | | | | | | | | | | | | 102 | 102 | 146 | 71 |
| 32/ 31 | .6 | 4.0 | 4.3 | 1.0 | .1 | | | | | | | | | | | | | 90 | 90 | 123 | 85 |
| 30/ 29 | 1.0 | 2.2 | 2.7 | .3 | | | | | | | | | | | | | | 56 | 56 | 117 | 104 |
| 28/ 27 | | 1.3 | 1.3 | .1 | | | | | | | | | | | | | | 25 | 25 | 77 | 100 |
| 26/ 25 | | .1 | .6 | | | | | | | | | | | | | | | 6 | 6 | 39 | 91 |
| 24/ 23 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 13 | 95 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 95 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 99 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 11 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 |
| 10/ 9 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 |
| 8/ 7 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 6 |
| 6/ 5 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 4 | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 6.4 | 24.7 | 27.9 | 23.2 | 12.8 | 3.6 | 1.4 | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4449821 | 61431 | 68.3 | 16.899 | 900 | | | | | | | |
| Dry Bulb | 1292371 | 33595 | 37.3 | 6.531 | 900 | | 18.9 | | | | | 90 |
| Wet Bulb | 1222220 | 29930 | 33.3 | 5.469 | 900 | | 38.4 | | | | | 90 |
| Dew Point | 702696 | 24352 | 27.1 | 6.979 | 900 | .1 | 70.5 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

3220 STATION | FAIRCHILD AFB STATION NAME | 57 65 YEARS | MAY MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29 | 30 | 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 64 | | | | | | | .1 | | | | | | | | | | | 1 | | | |
| 62 | 61 | | | | | | | .2 | | | | | | | | | | | 3 | | | |
| 60 | 59 | | | | .2 | | .1 | .3 | .4 | | | | | | | | | | 5 | | | |
| 58 | 57 | | .1 | | .2 | .2 | .1 | .3 | .1 | | | | | | | | | | 12 | | | |
| 56 | 55 | | .3 | | .3 | .6 | .5 | .2 | | .3 | | | | | | | | | 22 | 3 | 3 | |
| 54 | 53 | | .3 | .1 | .4 | .6 | .4 | .2 | | | | | | | | | | | 21 | 21 | 1 | 1 |
| 52 | 51 | .1 | .5 | .8 | .6 | 1.3 | .6 | .2 | | | | | | | | | | | 40 | 1 | 9 | 8 |
| 50 | 49 | .3 | .1 | .6 | 1.8 | 1.1 | 1.3 | | | | | | | | | | | | 68 | 64 | 9 | 10 |
| 48 | 47 | .3 | .4 | .5 | 1.7 | .7 | .3 | | | | | | | | | | | | 83 | 81 | 3 | 15 |
| 46 | 45 | .3 | .4 | 2.8 | 2.4 | .4 | .3 | | | | | | | | | | | | 102 | 102 | 20 | 35 |
| 44 | 43 | 1.1 | 1.3 | .5 | 2.3 | 1.5 | .5 | | | | | | | | | | | | 87 | 87 | 98 | 49 |
| 42 | 41 | 1.4 | 1.3 | .7 | 2.7 | .2 | | | | | | | | | | | | | 93 | 93 | 116 | 56 |
| 40 | 39 | .4 | .4 | .7 | 2.8 | .8 | | | | | | | | | | | | | 103 | 103 | 114 | 64 |
| 38 | 37 | .3 | .5 | .5 | 1.5 | .2 | | | | | | | | | | | | | 70 | 70 | 109 | 88 |
| 36 | 35 | .4 | .3 | 1.8 | 1.7 | | | | | | | | | | | | | | 74 | 73 | 117 | 81 |
| 34 | 33 | .2 | .1 | .8 | .8 | | | | | | | | | | | | | | 32 | 32 | 85 | 85 |
| 32 | 31 | .2 | .1 | .8 | | | | | | | | | | | | | | | 32 | 32 | 62 | 97 |
| 30 | 29 | .1 | .3 | .4 | | | | | | | | | | | | | | | 17 | 17 | 7 | 105 |
| 28 | 27 | .1 | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 3 | 71 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | 5 | 66 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | | 46 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | | 30 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | | 14 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16 | 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 10.5 | 9.1 | 22.2 | 18.8 | 8.0 | 4.8 | 1.4 | .9 | .3 | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 540077 | 69067 | 74.3 | 7.095 | 930 | | | | | | | 93 |
| Dry Bulb | 681171 | 38997 | 41.9 | 7.355 | 930 | | 10.7 | | | | | 93 |
| Wet Bulb | 391 99 | 35537 | 38.2 | 5.993 | 930 | | 17.6 | | | | | 93 |
| Dew Point | 097.79 | 31229 | 33.6 | 7.227 | 930 | | 43.8 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | MAY MONTH

PART 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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | | | | | | • | | | | | | | | | | | | 1 | | | | |
| 58 | 57 | | | | • 1 | • 1 | | | | | | | | | | | | 2 | | | | |
| 56 | 55 | • | • | | | • | • 1 | | • 1 | | | | | | | | | 5 | | 2 | | 1 |
| 54 | 53 | • | • 1 | | | • | • 1 | • | | | | | | | | | | 7 | | 3 | | 2 |
| 52 | 51 | • | • | • 1 | • 3 | • | • | • 1 | | | | | | | | | | 19 | 19 | 4 | | 5 |
| 50 | 49 | • | • 1 | • | 1 • 2 | • | • 2 | | | | | | | | | | | 40 | 40 | 16 | | 9 |
| 48 | 47 | • | • | • 8 | 1 • 8 | • | • | | | | | | | | | | | 62 | 62 | 30 | | 13 |
| 46 | 45 | 1 • | • 7 | • 3 | 1 • 1 | • 3 | | | | | | | | | | | | 78 | 78 | 50 | | 24 |
| 44 | 43 | • | • | • 6 | 2 • 7 | • 3 | | | | | | | | | | | | 83 | 83 | 64 | | 33 |
| 42 | 41 | • | • | • 6 | 2 • 3 | • | | | | | | | | | | | | 80 | 80 | 76 | | 51 |
| 40 | 39 | 1 • | • 3 | 4 • 1 | 1 • 4 | | | | | | | | | | | | | 107 | 107 | 97 | | 63 |
| 38 | 37 | • | • 6 | 4 • 6 | 1 • 3 | | | | | | | | | | | | | 113 | 113 | 117 | | 86 |
| 36 | 35 | • | • | • | • 8 | | | | | | | | | | | | | 67 | 67 | 120 | | 72 |
| 34 | 33 | • | • | • 1 | • 4 | | | | | | | | | | | | | 62 | 62 | 93 | | 93 |
| 32 | 31 | • | • | • 3 | • 2 | | | | | | | | | | | | | 70 | 70 | 96 | | 98 |
| 30 | 29 | • | • | • 4 | | | | | | | | | | | | | | 61 | 61 | 74 | | 112 |
| 28 | 27 | • | • | • 8 | | | | | | | | | | | | | | 45 | 45 | 62 | | 94 |
| 26 | 25 | • | • | | | | | | | | | | | | | | | 8 | 8 | 31 | | 75 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | 5 | | 48 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | | 28 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | | 19 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | | • 43 | • 32 | • 51 | • 2 | • | • 1 | • 2 | • 1 | • 1 | | | | | | | | 930 | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | | 930 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum | 97 27 | 74171 | 79.8 | 13.993 | 930 | | | | | | | |
| Dry Bulb | 456 42 | 36284 | 39.0 | 6.643 | 930 | | 18.4 | | | | | 93 |
| Wet Bulb | 203 92 | 33821 | 36.4 | 6.51 | 930 | | 26.8 | | | | | 93 |
| Dew Point | 049 34 | 30558 | 32.9 | 6.957 | 930 | | 47.8 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A1) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 1 0600-0800 HOURS L.S.T.

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. | W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | [illegible] | | | | | .3 | .1 | .1 | | | | | | | | | | [illegible] | [illegible] | | |
| 62 | [illegible] | | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 5 | [illegible] | | |
| 60 | 57 | | | | | .4 | .3 | .1 | | | | | | | | | | 12 | 1 | | |
| 58 | 27 | | | .1 | .1 | .3 | .1 | | | | | | | | | | | 22 | 22 | | |
| 56 | 55 | | .2 | .2 | .3 | .3 | .2 | .1 | | | | | | | | | | 30 | 30 | 1 | |
| 54 | 2 | | .2 | .4 | .5 | .3 | .1 | .1 | | | | | | | | | | 50 | 49 | 7 | |
| 52 | 5 | .1 | .7 | .6 | 1.0 | 1.0 | .2 | | | | | | | | | | | 69 | 66 | 11 | 7 |
| 50 | [illegible] | .1 | .5 | .9 | 1.4 | 1.4 | .9 | .1 | | | | | | | | | | 86 | 86 | 19 | 10 |
| 48 | [illegible] | .1 | .2 | .5 | 2.8 | 2.1 | .3 | | | | | | | | | | | 80 | 81 | 47 | 20 |
| 46 | [illegible] | .1 | .8 | .6 | 2.2 | 2.1 | .4 | | | | | | | | | | | 109 | 104 | 81 | 28 |
| 44 | [illegible] | .1 | .2 | .3 | 1.1 | .6 | .1 | | | | | | | | | | | 94 | 92 | 102 | 54 |
| 42 | [illegible] | .1 | .6 | .1 | 3.3 | .3 | .1 | | | | | | | | | | | 89 | 89 | 115 | 54 |
| 40 | [illegible] | .1 | .5 | .9 | 2.8 | .1 | | | | | | | | | | | | 77 | 75 | 112 | 78 |
| 38 | 37 | .1 | .2 | .4 | .9 | | | | | | | | | | | | | 77 | [illegible] | 107 | 92 |
| 36 | [illegible] | .1 | .1 | .3 | .8 | | | | | | | | | | | | | 47 | 47 | 91 | 106 |
| 34 | [illegible] | .1 | .1 | .3 | .1 | | | | | | | | | | | | | 44 | [illegible] | 68 | 81 |
| 32 | [illegible] | 1.1 | .1 | .4 | | | | | | | | | | | | | | 30 | 30 | 11 | 112 |
| 30 | [illegible] | .1 | .3 | .3 | | | | | | | | | | | | | | 16 | 16 | 35 | 86 |
| 28 | 27 | .1 | .4 | | | | | | | | | | | | | | | 3 | 3 | 11 | 75 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | 2 | 65 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | 36 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | 17 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | 7 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | 1 |
| 16 | 15 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | | 6.4 | .42 | .22 | .4 | 6.3 | 2.9 | .6 | .1 | | | | | | | | | | 93 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 478396 | 64676 | 69.8 | 16.675 | 930 | | | | | | | |
| Dry Bulb | 869216 | 41164 | 44.3 | 7.181 | 930 | | 4.9 | | | | | 93 |
| Wet Bulb | 1495033 | 36899 | 39.7 | 5.778 | 930 | | 12.9 | | | | | 93 |
| Dew Point | 1334 73 | 31853 | 34.3 | 6.763 | 930 | | 40.0 | | | | | 93 |

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

DATA REDUCTION DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C A P T APT | 57-66 | MAY
STATION | STATION NAME | YEARS | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 / 75 | | | | | | | | | .1 | .2 | .1 | .1 | | | | | | 5 | 5 | | |
| 74 / 73 | | | | | | | | | | .3 | .1 | .1 | | | | | | | | | |
| 72 / 71 | | | | | | | | .1 | .2 | .2 | .1 | | | | | | | 8 | 8 | | |
| 70 / 69 | | | | | | | | .2 | .5 | .3 | .2 | | | | | | | 12 | 12 | | |
| 68 / 67 | | | | | | | .2 | .5 | 1.0 | .4 | | | | | | | | 22 | 22 | | |
| 66 / 65 | | | | | | | .5 | .5 | 1.3 | .3 | | | | | | | | 27 | 27 | | |
| 64 / 63 | | | | .1 | | .3 | .2 | .7 | .8 | | | | | | | | | 36 | 36 | | |
| 62 / 61 | | | | | .1 | .3 | 1.1 | .2 | .6 | | | | | | | | | 35 | 35 | | |
| 60 / 59 | | | .3 | .2 | .4 | .6 | 1.9 | .5 | .3 | .1 | | | | | | | | 51 | 51 | 1 | |
| 58 / 57 | | | .1 | .2 | .2 | .5 | 2.7 | 1.2 | | | | | | | | | | 62 | 62 | 0 | |
| 56 / 55 | | .1 | .0 | .4 | .2 | 2.9 | 2.5 | 1.4 | .2 | | | | | | | | | 82 | 82 | 18 | |
| 54 / 53 | | .1 | .4 | .0 | 2.3 | 3.4 | 2.6 | .3 | .1 | | | | | | | | | 92 | 92 | 33 | 3 |
| 52 / 51 | | .0 | .6 | 1.1 | 2.6 | 2.5 | 1.0 | .3 | | | | | | | | | | 89 | 8 | 55 | 8 |
| 50 / 49 | | .1 | .1 | 1.6 | 2.3 | 2.5 | .5 | .1 | | | | | | | | | | 84 | 84 | 8 | 10 |
| 48 / 47 | .1 | .3 | .1 | 1.8 | 1.7 | 2.5 | 1.0 | .1 | | | | | | | | | | 82 | 82 | 26 | 23 |
| 46 / 45 | | .1 | .3 | .9 | .8 | 1.4 | .2 | | | | | | | | | | | 65 | 65 | 110 | 32 |
| 44 / 43 | .1 | .1 | .2 | 1.6 | 1.1 | .8 | | | | | | | | | | | | 61 | 61 | 119 | 41 |
| 42 / 41 | | .3 | .3 | 1.1 | .3 | .2 | | | | | | | | | | | | 38 | 38 | 104 | 52 |
| 40 / 39 | .1 | .1 | .5 | .3 | .1 | .1 | | | | | | | | | | | | 26 | 26 | 81 | 83 |
| 38 / 37 | .3 | .1 | .3 | .1 | | | | | | | | | | | | | | 16 | 16 | 27 | 102 |
| 36 / 35 | .2 | .0 | .0 | | | | | | | | | | | | | | | 14 | 14 | 66 | 99 |
| 34 / 33 | .1 | .1 | .1 | | | | | | | | | | | | | | | 14 | 14 | 22 | 93 |
| 32 / 31 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 21 | 94 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | 3 | 92 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 69 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 47 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 22 |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 24 |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 16 |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 11 |
| 16 / 15 | | | | | | | | | | | | | | | | | | | | | 4 |
| 14 / 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| 12 / 11 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PLATTSBURGH AFB STATION NAME | 57-66 YEARS | DAY 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 Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | .4 | .4 | .4 | .2 | .4 | 9.1 | 16.2 | 9.7 | 5.2 | 2.7 | .8 | .2 | | | | | | 930 | | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2947109 | 94394 | 53.2 | 18.528 | 930 | | | | | | | |
| Dry Bulb | 2592175 | 84666 | 52.1 | 8.492 | 930 | | .4 | 5.2 | 1.0 | | | 93 |
| Wet Bulb | 1793388 | 60490 | 43.5 | 5.734 | 930 | | 2.4 | | | | | 93 |
| Dew Point | 1327?3 | 41727 | 34.1 | 7.334 | 930 | | 38.4 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25209 — STATION
PRINCE GEORGE [illegible] AFT — STATION NAME
21-66 — YEARS
MAY — MONTH

PAGE 1 1200-1400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B. | W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84 | 84 | | | | | | | | | | | | .3 | | | | | 3 | | | |
| 82 | 81 | | | | | | | | | | | .4 | .2 | .1 | .1 | | | 4 | | | |
| 80 | 79 | | | | | | | | | | .2 | .2 | .1 | .2 | | | | 5 | | | |
| 78 | 77 | | | | | | | | | | .5 | .3 | .2 | | | | | 10 | 10 | | |
| 76 | 75 | | | | | | | | | .1 | .5 | .4 | .1 | | | | | 13 | 13 | | |
| 74 | 73 | | | | | | | | | .3 | .2 | .4 | | | | | | 18 | 18 | | |
| 72 | 71 | | | | | | | | .6 | .2 | 1.1 | .1 | | | | | | 28 | 28 | | |
| 70 | 69 | | | | | | .1 | .4 | 1.3 | .3 | .8 | | | | | | | 29 | 29 | | |
| 68 | 67 | | | | | | .3 | .8 | 1.2 | .1 | .4 | | | | | | | 37 | 37 | | |
| 66 | 65 | | | | | .4 | .1 | .2 | 1.0 | .1 | .2 | | | | | | | 42 | 42 | | |
| 64 | 63 | | | | .1 | .4 | .9 | .2 | 2.3 | .6 | .1 | | | | | | | 52 | 52 | | |
| 62 | 61 | | | .4 | .1 | .3 | 1.2 | 1.1 | 1.8 | 1.1 | | | | | | | | 59 | 59 | | |
| 60 | 59 | | .1 | .1 | .1 | .8 | 2.0 | .4 | 1.1 | .3 | | | | | | | | 72 | 72 | 8 | |
| 58 | 57 | .2 | .1 | .1 | .1 | 1.2 | 2.2 | .5 | 1.3 | | | | | | | | | 78 | 78 | 4 | |
| 56 | 55 | .3 | .3 | .2 | .2 | .2 | 3.1 | 1.3 | .4 | | | | | | | | | 78 | 78 | 9 | 2 |
| 54 | 53 | .3 | .3 | .4 | .2 | .3 | 2.2 | .9 | .6 | | | | | | | | | 78 | 78 | 10 | 1 |
| 52 | 51 | .3 | .4 | .8 | .5 | .6 | 1.5 | 1.1 | | | | | | | | | | 62 | 62 | 63 | 9 |
| 50 | 49 | .3 | .1 | .3 | .3 | .7 | 2.3 | .3 | | | | | | | | | | 85 | 85 | 87 | 9 |
| 48 | 47 | .3 | .2 | .5 | .1 | .2 | .8 | .1 | | | | | | | | | | 57 | 57 | 112 | 25 |
| 46 | 45 | .3 | .2 | .3 | .1 | .6 | .1 | | | | | | | | | | | 36 | 36 | 140 | 25 |
| 44 | 43 | .3 | .2 | .3 | .1 | .4 | .2 | | | | | | | | | | | 30 | 30 | 173 | 36 |
| 42 | 41 | .3 | .4 | .3 | .1 | | | | | | | | | | | | | 14 | 14 | 68 | 73 |
| 40 | 39 | .3 | .2 | .1 | | | | | | | | | | | | | | 15 | 15 | 81 | 66 |
| 38 | 37 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | 76 | 74 |
| 36 | 35 | .3 | .2 | | | | | | | | | | | | | | | 7 | 7 | 36 | 88 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | 13 | 96 |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | 89 |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | 87 |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | 72 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | 47 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | 35 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | 28 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | 23 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | 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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE [illegible] AP STATION NAME | 57-66 YEARS | MAY MONTH

PAGE 2 | 1200-1400 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | | | | | | | | | | | | | | | | | | | | | 13 |
| 14 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOT | .3 | .4 | .6 | .9 | 12.8 | 17.1 | 13.2 | 7.1 | 2.4 | .9 | .3 | .1 | | | | | | 93 | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 151794 | 41448 | 44.1 | 19.137 | 930 | | | | | | | |
| Dry Bulb | 3096035 | 52932 | 56.9 | 9.479 | 930 | | | 15.3 | 5.9 | 1.1 | | 93 |
| Wet Bulb | 1959270 | 42355 | 45.5 | 5.753 | 930 | | | | | | | 93 |
| Dew Point | 1083719 | 30839 | 33.2 | 8.109 | 930 | | 42.6 | | | | | 93 |

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

DATA PROCESSING DIVISION
SAT [illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] MONTH

PAGE [illegible] 1500-1700 [illegible] EST

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 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 | | | | | | | | | | | | | .4 | | | | 3 | | | | |
| 84 | 83 | | | | | | | | | | | .1 | .1 | .3 | | .5 | | 9 | | | | |
| 82 | 81 | | | | | | | | | | | | .3 | | | | | 3 | | | | |
| 80 | [illegible] | | | | | | | | | | | .1 | .2 | .2 | | | | 17 | | | | |
| 78 | [illegible] | | | | | | | | | | | | .5 | .1 | | | | 13 | | | | |
| 76 | 75 | | | | | | | | | | .1 | .4 | .2 | | | | | 19 | | | | |
| [illegible] | [illegible] | | | | | | | | | | .2 | .1 | .3 | | | | | 19 | [illegible] | | | |
| 72 | [illegible] | | | | | | | | .5 | 1. | .3 | | | | | | | 28 | [illegible] | | | |
| 70 | 69 | | | | | | | | .5 | [illegible] | 1.2 | .3 | | | | | | 36 | [illegible] | | | |
| 68 | [illegible] | | | | | | | .3 | .9 | [illegible] | 1. | | | | | | | 49 | [illegible] | | | |
| 66 | 65 | | | | | | .1 | .3 | 1.4 | .1 | .3 | | | | | | | 46 | [illegible] | | | |
| [illegible] | 63 | | | | | .2 | .3 | . | 1.6 | [illegible] | .4 | | | | | | | 52 | [illegible] | | | |
| 62 | 61 | | .1 | .1 | .1 | .2 | 1.3 | 2. | 2.3 | .7 | | | | | | | | 70 | [illegible] | 3 | | |
| 60 | [illegible] | .2 | | .2 | .4 | .2 | 1.3 | 2.4 | 1.3 | .7 | | | | | | | | 90 | [illegible] | 7 | | |
| 58 | 57 | .1 | .4 | .4 | .4 | .5 | 2.3 | 2.3 | .9 | .4 | | | | | | | | 71 | [illegible] | 18 | | 3 |
| 56 | 55 | | .2 | .2 | .3 | 2.0 | 2.5 | 1.7 | 1.1 | .4 | | | | | | | | 78 | [illegible] | 53 | | |
| 54 | [illegible] | .1 | .5 | .1 | .3 | 1.3 | 1.4 | .3 | | | | | | | | | | 59 | [illegible] | 74 | | 1 |
| 52 | [illegible] | .2 | .2 | .3 | .3 | 2.2 | 2.3 | | | | | | | | | | | 84 | [illegible] | [illegible] | | 5 |
| 50 | [illegible] | .2 | .4 | .2 | .1 | 1.1 | .1 | | | | | | | | | | | 72 | [illegible] | 114 | | 12 |
| 48 | [illegible] | .2 | .5 | .3 | .1 | 1.1 | .3 | .1 | | | | | | | | | | 54 | 5 | 115 | | 25 |
| 46 | [illegible] | .1 | .6 | .5 | .4 | .2 | .4 | .1 | | | | | | | | | | 22 | [illegible] | 140 | | 38 |
| 44 | [illegible] | .2 | .4 | .3 | .1 | .2 | | | | | | | | | | | | 21 | [illegible] | 96 | | 31 |
| 42 | [illegible] | .2 | .4 | .3 | | | | | | | | | | | | | | 15 | [illegible] | 84 | | 54 |
| [illegible] | [illegible] | .2 | .3 | .2 | | | | | | | | | | | | | | 7 | [illegible] | 80 | | 77 |
| 38 | [illegible] | .1 | | | | | | | | | | | | | | | | 5 | [illegible] | 53 | | 80 |
| 36 | [illegible] | .1 | .1 | | | | | | | | | | | | | | | 7 | [illegible] | 31 | | 80 |
| 34 | [illegible] | .1 | | | | | | | | | | | | | | | | 1 | [illegible] | 10 | | 101 |
| 32 | [illegible] | | | | | | | | | | | | | | | | | | | | | 91 |
| 30 | [illegible] | | | | | | | | | | | | | | | | | | | | | 60 |
| 28 | [illegible] | | | | | | | | | | | | | | | | | | | | | 62 |
| 26 | [illegible] | | | | | | | | | | | | | | | | | | | | | 55 |
| 24 | [illegible] | | | | | | | | | | | | | | | | | | | | | 43 |
| 22 | [illegible] | | | | | | | | | | | | | | | | | | | | | 33 |
| 20 | [illegible] | | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | 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 DIVISION
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# PSYCHROMETRIC SUMMARY

[redacted] STATION | [redacted] STATION NAME | [redacted] YEARS | [redacted] MONTH

PAGE [redacted] 1500-1700 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31+ | TOTAL D.B. | TOTAL W.B. | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 28 | | | | | | | | | | | | | | | | | | | | 26 |
| 26 | | | | | | | | | | | | | | | | | | | | 12 |
| 24 | | | | | | | | | | | | | | | | | | | | 10 |
| 22 | | | | | | | | | | | | | | | | | | | | 5 |
| 20 | | | | | | | | | | | | | | | | | | | | 3 |
| 18 | | | | | | | | | | | | | | | | | | | | 1 |
| 16 | | | | | | | | | | | | | | | | | | | | 1 |
| TOT. | [illegible] | | | | | | | | | | | | | | | | | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | 39432 | 42.42 | [illegible] | 930 | | | | | | | |
| Dry Bulb | [illegible] | 54202 | 58.3 | [illegible] | 930 | | | 13.4 | 8.2 | 1.8 | | 93 |
| Wet Bulb | [illegible] | [illegible] | 46.1 | [illegible] | 930 | | | | | | | 93 |
| Dew Point | [illegible] | 30595 | 32.9 | [illegible] | 930 | | 42.3 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE EDWARD ISLAND CAP 57-66 MAY
STATION STATION NAME YEARS MONTH

PAGE 1 1800-2000
NO. OBS. HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dr. Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 86 | 86 | | | | | | | | | | | | •1 | | | | | 1 | | | |
| 84 | 84 | | | | | | | | | | | •1 | | •1 | | | | 2 | | | |
| 82 | 83 | | | | | | | | | | •1 | | | | •1 | | | 2 | | | |
| 80 | 79 | | | | | | | | | | | •2 | | •1 | | | | 3 | | | |
| 78 | 77 | | | | | | | | | | •1 | | •1 | •1 | | | | 4 | | | |
| 76 | 77 | | | | | | | | •4 | •2 | •3 | •5 | •3 | | | | | 16 | 1 | | |
| 74 | 73 | | | | | | | | •3 | •3 | •3 | •3 | •1 | | | | | 13 | 1 | | |
| 72 | 72 | | | | | | | | •2 | •1 | •4 | •4 | •1 | | | | | 12 | 1 | | |
| 70 | 71 | | | | | | | •1 | •3 | •2 | •5 | •1 | | | | | | 21 | 2 | | |
| 68 | 68 | | | | | | | •1 | •4 | •2 | •3 | | | | | | | 13 | 2 | | |
| 66 | 67 | | | | | | | •2 | •4 | •2 | •3 | •1 | | | | | | 11 | 1 | | |
| 64 | 63 | | | | | | •3 | •2 | •4 | •2 | •3 | | | | | | | 16 | 3 | | |
| 62 | 62 | | | | •2 | •3 | •5 | 1•6 | 1•8 | •4 | •3 | | | | | | | 26 | 1 | 3 | |
| 60 | 59 | | • | •3 | •4 | •4 | •9 | 1•6 | 2•2 | 1•2 | •2 | | | | | | | 26 | 6 | 1 | |
| 58 | 57 | | | •4 | •8 | •5 | 1•1 | 1•8 | •9 | •2 | | | | | | | | 14 | 1 | 3 | |
| 56 | 53 | | •2 | •3 | •5 | •5 | 1•9 | 1•3 | •4 | •1 | | | | | | | | 17 | | 7 | 3 |
| 54 | 52 | | •3 | •6 | 1•2 | •8 | 1•2 | •9 | •3 | | | | | | | | | 16 | 6 | 7 | 3 |
| 52 | 51 | | •2 | •4 | 1•1 | 1•4 | 1•3 | 2•4 | 1•1 | | | | | | | | | 18 | 7 | 5 | 11 |
| 50 | [illegible] | • | •(4) | •2 | •7 | •8 | 1•0 | •4 | | | | | | | | | | 21 | 11 | 9 | 16 |
| 48 | [illegible] | •1 | •3 | •3 | 1•2 | 1•0 | •9 | | | | | | | | | | | 25 | 12 | 10 | 34 |
| 46 | [illegible] | •1 | •4 | •6 | •3 | •1 | | | | | | | | | | | | 35 | 13 | 12 | 47 |
| 44 | [illegible] | •1 | •1 | •1 | •4 | •2 | | | | | | | | | | | | 41 | 11 | 11 | 54 |
| 42 | [illegible] | •1 | •1 | •1 | •2 | | | | | | | | | | | | | 36 | 36 | 27 | 60 |
| 40 | 39 | •1 | •2 | •2 | •0 | •1 | | | | | | | | | | | | 19 | 13 | 8 | 73 |
| 38 | [illegible] | •1 | •1 | •3 | •1 | | | | | | | | | | | | | 16 | 10 | 11 | 74 |
| 36 | 39 | •1 | •2 | | | | | | | | | | | | | | | 4 | 4 | 5 | 96 |
| 34 | 33 | •1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 74 |
| 32 | 32 | | | | | | | | | | | | | | | | | | | 2 | 90 |
| 30 | [illegible] | | | | | | | | | | | | | | | | | | | | 57 |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | 55 |
| 26 | [illegible] | | | | | | | | | | | | | | | | | | | | 59 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | 48 |
| 22 | [illegible] | | | | | | | | | | | | | | | | | | | | 27 |
| 20 | [illegible] | | | | | | | | | | | | | | | | | | | | 17 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2520 — STATION
PRESTWICK EUROPE — STATION NAME
47-60 — YEARS
MAY — MONTH
PAGE 2 — 1800-2000 — HOURS (G.M.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | 31+ | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16 | 1 | | | | | | | | | | | | | | | | | | | | 17 |
| 14 | | | | | | | | | | | | | | | | | | | | | 15 |
| 12 | 1 | | | | | | | | | | | | | | | | | | | | 5 |
| 10 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8 | | | | | | | | | | | | | | | | | | | | | 1 |
| | | | | | | | | | | | | | | | | | | | | | 1 |
| | 1.41 | .86 | 3.01 | 7.11 | 7.71 | 7.61 | 7.51 | 6.71 | 5.71 | 5.01 | 3.01 | 2.01 | 1.01 | 1.01 | .3 | .1 | | 93.0 | 930 | 930 | 930 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2729051 | 46194 | 49.7 | 21.029 | 930 | | | | | | | |
| Dry Bulb | 2893259 | 51137 | 55.0 | 9.369 | 930 | | | 10.4 | 1.8 | .1 | | 93 |
| Wet Bulb | 1916438 | 41874 | 45.0 | 5.779 | 930 | | .2 | | | | | 93 |
| Dew Point | 1152234 | 31742 | 34.1 | 8.608 | 930 | | 38.5 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

452 — STATION
PETTIS RESERVE UNIT API — STATION NAME
20 66 — YEARS
MAY — MONTH

PAGE 1 2100-2300 — HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 73 | | | | | | | | | | | | .1 | | | | | | 1 | | | |
| 72 71 | | | | | | | | | | | .1 | | | | | | | 1 | | | |
| 70 69 | | | | | | | .1 | | | .1 | | | | | | | | 3 | 3 | | |
| 68 67 | | | | | | | | | .1 | .1 | | | | | | | | 4 | 4 | | |
| 66 65 | | | | | | .1 | | .1 | .1 | | | | | | | | | 8 | 8 | | |
| 64 63 | | | | | | .1 | .1 | .1 | .1 | | | | | | | | | 9 | 9 | | |
| 62 61 | | | | | | .3 | .3 | .1 | | | | | | | | | | 13 | 13 | | |
| 60 59 | | | | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | 29 | 29 | | |
| 58 57 | | .1 | .3 | .3 | .1 | .3 | .2 | .1 | | .1 | | | | | | | | 34 | 34 | 1 | |
| 56 55 | | .1 | .3 | .4 | .4 | .4 | .4 | .1 | | | | | | | | | | 53 | 53 | 4 | 1 |
| 54 53 | | .3 | .2 | .4 | .3 | .3 | .4 | .1 | | | | | | | | | | 63 | 63 | 6 | 2 |
| 52 51 | .1 | .2 | .3 | .4 | .4 | .3 | .4 | .1 | | | | | | | | | | 85 | 85 | 10 | 9 |
| 50 49 | | .4 | .3 | .2 | .2 | .1 | .3 | .1 | | | | | | | | | | 84 | 84 | 15 | 19 |
| 48 47 | .1 | .1 | .1 | .3 | .2 | .4 | .1 | | | | | | | | | | | 107 | 107 | 36 | 30 |
| 46 45 | .1 | .2 | .3 | .3 | .3 | .2 | | | | | | | | | | | | 96 | 96 | 106 | 54 |
| 44 43 | .1 | .1 | .3 | .4 | .3 | .2 | | | | | | | | | | | | 84 | 84 | 105 | 44 |
| 42 41 | .1 | .3 | .3 | .4 | .3 | | | | | | | | | | | | | 67 | 67 | 126 | 54 |
| 40 39 | | .2 | .2 | .3 | .4 | | | | | | | | | | | | | 68 | 68 | 120 | 91 |
| 38 37 | .1 | .2 | .3 | .2 | .1 | | | | | | | | | | | | | 39 | 39 | 88 | 94 |
| 36 35 | .1 | .1 | .1 | .2 | | | | | | | | | | | | | | 41 | 41 | 74 | 83 |
| 34 33 | | .1 | .2 | .2 | | | | | | | | | | | | | | 25 | 25 | 74 | 92 |
| 32 31 | .2 | .1 | .2 | | | | | | | | | | | | | | | 16 | 16 | 45 | 65 |
| 30 29 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 15 | 71 |
| 28 27 | | | | | | | | | | | | | | | | | | | | 5 | 69 |
| 26 25 | | | | | | | | | | | | | | | | | | | | | 55 |
| 24 23 | | | | | | | | | | | | | | | | | | | | | 46 |
| 22 21 | | | | | | | | | | | | | | | | | | | | | 25 |
| 20 19 | | | | | | | | | | | | | | | | | | | | | 16 |
| 18 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | .5 | 2.4 | 3.1 | 2.8 | 2.1 | 1.5 | 1.1 | .7 | .6 | .3 | .2 | .1 | .1 | | | | | | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4257.36 | 9029 | 64.8 | 19.384 | 930 | | | | | | | |
| Dry Bulb | 421045.79 | 73841 | 47.1 | 7.008 | 930 | | 1.7 | .9 | .1 | | | 93 |
| Wet Bulb | 162504 | 38490 | 41.4 | 5.871 | 930 | | 6.3 | | | | | 93 |
| Dew Point | 17588.3 | 32274 | 34.7 | 7.755 | 930 | | 35.7 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25200 | [illegible] GEORGE [illegible] AFB | 57-66 | JA
STATION | STATION NAME | YEARS | MONTH

PERIOD: 0000-0200

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. | TOTAL W.B. Dep. Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 68/67 | | | | | | | .1 | .1 | | | | | | | | | | 2 | 2 | | |
| 66/65 | | | | | | .1 | .2 | .1 | .2 | | | | | | | | | 5 | 5 | | |
| 64/63 | | | .3 | | .3 | .3 | .2 | .2 | | | | | | | | | | 12 | 12 | | |
| 62/61 | | | .1 | .1 | .4 | .1 | .3 | .1 | | | | | | | | | | 14 | 14 | | |
| 60/59 | | | .2 | .4 | .3 | .4 | .3 | | | | | | | | | | | 20 | 20 | 3 | |
| 58/57 | | .1 | .4 | .7 | .3 | .2 | .1 | | | | | | | | | | | 36 | 36 | 3 | 3 |
| 56/55 | .1 | .4 | .7 | 2.2 | .9 | .8 | .4 | | | | | | | | | | | 59 | 59 | 8 | 4 |
| 54/53 | .3 | .8 | .9 | 1.8 | .4 | .3 | .2 | | | | | | | | | | | 79 | 79 | 9 | 22 |
| 52/51 | .3 | .8 | 1.1 | 2.0 | .4 | | .1 | | | | | | | | | | | 91 | 91 | 68 | 35 |
| 50/49 | 1.1 | 1.3 | 1.1 | 1.7 | .4 | .2 | | | | | | | | | | | | 101 | 101 | 120 | 65 |
| 48/47 | .3 | 1.6 | 1.1 | 1.2 | .2 | | | | | | | | | | | | | 103 | 103 | 114 | 79 |
| 46/45 | 2.2 | 6.2 | 3.2 | 1.0 | | .1 | | | | | | | | | | | | 114 | 114 | 122 | 116 |
| 44/43 | .1 | .2 | .7 | .6 | .1 | | | | | | | | | | | | | 77 | 77 | 113 | 118 |
| 42/41 | 1.1 | 1.6 | 1.3 | .6 | .1 | | | | | | | | | | | | | 68 | 68 | 96 | 107 |
| 40/39 | 1.4 | 4.8 | .7 | .2 | | | | | | | | | | | | | | 62 | 62 | 88 | 100 |
| 38/37 | .1 | .2 | .2 | .1 | | | | | | | | | | | | | | 36 | 36 | 53 | 95 |
| 36/35 | .1 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 39 | 63 |
| 34/33 | | .3 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 40 |
| 32/31 | .1 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 20 |
| 30/29 | | | | | | | | | | | | | | | | | | | | | 16 |
| 28/27 | | | | | | | | | | | | | | | | | | | | | 13 |
| 26/25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/23 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 9.9 | 28.2 | 17.4 | 12.4 | 5.4 | 2.4 | 1.8 | .4 | .2 | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≥73 F | ≥80 F | ≥93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6107071 | 72945 | 81.1 | 1.728 | 900 | | | | | | | |
| Dry Bulb | 2125562 | 43346 | 48.2 | 6.195 | 900 | | .3 | .2 | | | | 90 |
| Wet Bulb | 1853171 | 40958 | 45.1 | 5.320 | 900 | | .7 | | | | | 90 |
| Dew Point | 1625454 | 37868 | 42.1 | 5.979 | 900 | | 5.3 | | | | | 90 |

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

26209 STATION | PRINCE GEORGE B C CAN STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 0300-0500 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 / 65 | | | | | | .1 | .1 | | | | | | | | | | | 2 | 2 | | |
| 64 / 63 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | |
| 62 / 61 | | | .2 | .1 | .1 | | .1 | | | | | | | | | | | 5 | 5 | | |
| 60 / 59 | | | | | .3 | .3 | | | | | | | | | | | | 6 | 6 | | |
| 58 / 57 | | .2 | .4 | .4 | .5 | .3 | .2 | | | | | | | | | | | 22 | 22 | 2 | 1 |
| 56 / 55 | | .2 | .3 | .2 | .3 | .3 | | | | | | | | | | | | 37 | 37 | 7 | 3 |
| 54 / 53 | .2 | .3 | .3 | .1 | .0 | .1 | .3 | | | | | | | | | | | 51 | 51 | 23 | 9 |
| 52 / 51 | .2 | .3 | .3 | .0 | .8 | | .3 | | | | | | | | | | | 72 | 72 | 60 | 21 |
| 50 / 49 | .2 | .3 | .3 | .4 | .3 | .2 | .2 | | | | | | | | | | | 109 | 109 | 91 | 54 |
| 48 / 47 | .2 | .3 | .3 | .4 | .3 | | | | | | | | | | | | | 94 | 94 | 120 | 68 |
| 46 / 45 | .2 | .3 | .3 | .4 | .3 | | | | | | | | | | | | | 103 | 103 | 109 | 106 |
| 44 / 43 | .2 | .3 | .3 | .2 | .2 | | | | | | | | | | | | | 104 | 104 | 119 | 107 |
| 42 / 41 | .2 | .3 | .2 | .2 | | | | | | | | | | | | | | 92 | 92 | 107 | 124 |
| 40 / 39 | .2 | .3 | .2 | .2 | | | | | | | | | | | | | | 85 | 85 | 106 | 105 |
| 38 / 37 | .2 | .3 | .3 | | | | | | | | | | | | | | | 67 | 67 | 74 | 110 |
| 36 / 35 | .2 | .3 | .3 | | | | | | | | | | | | | | | 27 | 27 | 48 | 91 |
| 34 / 33 | .2 | .2 | .2 | | | | | | | | | | | | | | | 21 | 21 | 30 | 36 |
| 32 / 31 | .2 | .2 | .1 | | | | | | | | | | | | | | | 9 | 9 | 16 | 30 |
| 30 / 29 | .2 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 26 |
| 28 / 27 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 15.2 | .2 | .2 | .2 | .3 | .2 | .2 | | | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6656 66 | 7669 | 85.2 | 11.01 | 900 | | | | | | | |
| Dry Bulb | 907998 | 41054 | 45.6 | 6.260 | 900 | | 1.2 | | | | | 90 |
| Wet Bulb | 717262 | 39006 | 43.3 | 5.454 | 900 | | 2.3 | | | | | 90 |
| Dew Point | 550572 | 37021 | 41.1 | 5.744 | 900 | | 6.5 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

6520 — STATION
PRINCE GEORGE B C INT APT — STATION NAME
57-66 — YEARS
JUL — 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 | | | | | | | | .1 | | | | | | | | | | 2 | | | |
| 70 69 | | | | | | .1 | .2 | .1 | | | | | | | | | | 5 | | | |
| 68 67 | | | | | | .1 | | | .1 | | | | | | | | | 5 | | | |
| 66 65 | | | | | | .1 | .1 | | | | | | | | | | | 5 | | | |
| 64 63 | | | | .1 | .1 | .3 | .4 | .1 | | | | | | | | | | 21 | 21 | | |
| 62 61 | | | .2 | .4 | .6 | .3 | .2 | .1 | | | | | | | | | | 32 | 32 | | |
| 60 59 | | | .1 | .6 | .3 | .4 | .2 | | | | | | | | | | | 40 | 40 | | |
| 58 57 | | .1 | .3 | .5 | .4 | .1 | | | | | | | | | | | | 58 | 58 | 6 | 1 |
| 56 55 | .1 | .2 | .7 | 2.0 | 2.3 | .6 | .2 | | | | | | | | | | | 79 | 79 | 28 | 5 |
| 54 53 | .2 | .4 | .4 | 3.1 | 2.3 | .4 | .1 | | | | | | | | | | | 114 | 114 | 66 | 16 |
| 52 51 | .1 | .3 | 1.0 | 4.3 | 1.7 | .4 | | | | | | | | | | | | 120 | 120 | 89 | 37 |
| 50 49 | .1 | .3 | .2 | 3.1 | 1.3 | .4 | | | | | | | | | | | | 128 | 128 | 128 | 75 |
| 48 47 | .1 | .1 | .2 | 2.0 | .3 | .2 | | | | | | | | | | | | 121 | 121 | 143 | 109 |
| 46 45 | .1 | .4 | .1 | 1.1 | .2 | .1 | | | | | | | | | | | | 92 | 92 | 147 | 111 |
| 44 43 | .1 | .2 | .6 | 1.3 | | | | | | | | | | | | | | 72 | 72 | 113 | 137 |
| 42 41 | .1 | .4 | .3 | .8 | | | | | | | | | | | | | | 67 | 67 | 84 | 135 |
| 40 39 | .1 | .1 | .4 | | | | | | | | | | | | | | | 12 | 12 | 39 | 99 |
| 38 37 | .1 | .1 | .2 | | | | | | | | | | | | | | | 4 | 4 | 18 | 63 |
| 36 35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 42 |
| 34 33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 28 |
| 32 31 | | | | | | | | | | | | | | | | | | | | | 27 |
| 30 29 | | | | | | | | | | | | | | | | | | | | | 10 |
| 28 27 | | | | | | | | | | | | | | | | | | | | | 4 |
| 26 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.4 | 4.2 | 12.2 | 41.0 | 15.4 | 2.0 | .4 | .1 | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1116485 | 66555 | 74.0 | 14.718 | 900 | | | | | | | |
| Dry Bulb | 2412364 | 46291 | 51.4 | 3.921 | 900 | | | 1.2 | | | | 90 |
| Wet Bulb | 998961 | 42213 | 46.9 | 4.578 | 900 | | | | | | | 90 |
| Dew Point | 679085 | 38573 | 42.9 | 5.411 | 900 | | 4.2 | | | | | 90 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | 10 MONTH

PAGE 1 | 0900-1500 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82 / 81 | | | | | | | | | | .4 | | | | | | | | 1 | | |
| 80 / 79 | | | | | | | | | .1 | .1 | | .1 | | | | | | 4 | | |
| 78 / 77 | | | | | | | | | | .4 | .7 | | | | | | | 5 | 4 | |
| 76 / 75 | | | | | | | | .4 | .6 | | .7 | | | | | | | 5 | 5 | |
| 74 / 73 | | | | | | | | .7 | .9 | .4 | .7 | | | | | | | 14 | 14 | |
| 72 / 71 | | | | | | | .4 | 1.3 | 1.1 | .3 | | | | | | | | 28 | 25 | |
| 70 / 69 | | | | | | .1 | .4 | 1.4 | .9 | | .2 | | | | | | | 29 | 29 | |
| 68 / 67 | | | | | .1 | .9 | 2.2 | 1.1 | .4 | | | | | | | | | 43 | 43 | |
| 66 / 65 | | | | | .1 | 1.7 | 1.6 | 1.8 | .7 | .1 | | | | | | | | 58 | 55 | |
| 64 / 63 | | | | .4 | .9 | .3 | 1.8 | 1.2 | .4 | | | | | | | | | 57 | 52 | 2 |
| 62 / 61 | | | .2 | .2 | 2.3 | 3.3 | 1.6 | .9 | .2 | | | | | | | | | 79 | 70 | 4 |
| 60 / 59 | | .1 | | 1.9 | .1 | 1.6 | 2.4 | .4 | | | | | | | | | | 93 | 68 | 22 |
| 58 / 57 | | .1 | .1 | 2.6 | 2.8 | 2.1 | 1.6 | .4 | | | | | | | | | | 95 | 54 | 1 |
| 56 / 55 | | .3 | .4 | 2.3 | 3.3 | 3.1 | 1.1 | .1 | | | | | | | | | | 112 | 112 | 82 | 5 |
| 54 / 53 | | .6 | .1 | 1.9 | 3.2 | 2.2 | .8 | | | | | | | | | | | 96 | 96 | 139 | 14 |
| 52 / 51 | .1 | .1 | .1 | 1.8 | 2.1 | .9 | .1 | | | | | | | | | | | 75 | 75 | 134 | 49 |
| 50 / 49 | .1 | .3 | .3 | .6 | .6 | .8 | .1 | | | | | | | | | | | 54 | 54 | 140 | 86 |
| 48 / 47 | .1 | .1 | .5 | .1 | .3 | .3 | | | | | | | | | | | | 37 | 37 | 124 | 103 |
| 46 / 45 | | .1 | .4 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 122 | 115 |
| 44 / 43 | .1 | .4 | | | | | | | | | | | | | | | | 6 | 6 | 62 | 113 |
| 42 / 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 32 | 117 |
| 40 / 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 96 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | 3 | 65 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 42 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 37 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 21 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 18 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 9 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 7 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 4.7 | 7.1 | 11.7 | 18.9 | 22.2 | 14.1 | 9.8 | 5.0 | 1.0 | .1 | .2 | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Re Hum. | 3243429 | 52001 | 57.81 | 21.303 | 900 | | | | | | | |
| Dry Bulb | 3122114 | 52028 | 58.5 | 7.049 | 900 | | | 12.9 | 2.9 | .2 | | 90 |
| Wet Bulb | 2297389 | 44979 | 50.0 | 4.655 | 900 | | | | | | | 90 |
| Dew Point | 1668888 | 38374 | 42.6 | 6.032 | 900 | | 5.7 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2520 STATION | SPANGDAHLEM B C (AFB) GERMANY STATION NAME | 57-66 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 | | | | | | | | |
| 90 / 89 | | | | | | | | | | | | | | .1 | | | | 1 | | | | | | | |
| 88 / 87 | | | | | | | | | | | | | .1 | | | | | 1 | | | | | | | |
| 86 / 85 | | | | | | | | | | | . | | | | | | | 1 | | | | | | | |
| 84 / 83 | | | | | | | | | | | .3 | .1 | .1 | .1 | | | | 6 | | | | | | | |
| 82 / 81 | | | | | | | | | | .1 | .2 | .4 | .1 | | | | | 7 | | | | | | | |
| 80 / 79 | | | | | | | | | .1 | .1 | .7 | .7 | .3 | | | | | 16 | | | | | | | |
| 78 / 77 | | | | | | | | | .3 | .2 | .4 | .4 | | | | | | 26 | | | | | | | |
| 76 / 75 | | | | | | | | | 1.1 | .9 | 1.3 | .1 | | | | | | 38 | | | | | | | |
| 74 / 73 | | | | | | | | .2 | 2.2 | .2 | .3 | .3 | | | | | | 43 | | | | | | | |
| 72 / 71 | | | | | | | .1 | 1.4 | 1.3 | .1 | .8 | .2 | | | | | | 43 | | | | | | | |
| 70 / 69 | | | | | | .1 | .8 | 1.6 | 2.0 | .2 | .2 | .1 | | | | | | 51 | | | | | | | |
| 68 / 67 | | | .1 | | .2 | .1 | .8 | 2.2 | 2.8 | .3 | .2 | | | | | | | 74 | | | | | | | |
| 66 / 65 | | | | .2 | .2 | .0 | 2.1 | 2.5 | 1.4 | .2 | .1 | | | | | | | 76 | | | | 8 | | | |
| 64 / 63 | | | .1 | .1 | .9 | 1.4 | 2.2 | 1.8 | 1.1 | .3 | | | | | | | | 72 | 72 | | 8 | | | |
| 62 / 61 | | .1 | .2 | .1 | .0 | 1.9 | 2.7 | 1.4 | 1.1 | | | | | | | | | 77 | 77 | | 7 | | 1 | |
| 60 / 59 | | | .6 | .4 | .6 | .9 | 2.8 | 1.9 | .7 | | | | | | | | | 97 | 97 | | 50 | | | |
| 58 / 57 | | .1 | .4 | .0 | .6 | 1.9 | 2.4 | 1.4 | | | | | | | | | | 89 | 89 | | 91 | | 5 | |
| 56 / 55 | | .1 | .4 | .4 | .2 | 2.0 | .9 | .4 | | | | | | | | | | 69 | 69 | | 99 | | 5 | |
| 54 / 53 | . | .1 | .5 | .8 | .2 | .4 | .8 | .1 | | | | | | | | | | 47 | 47 | | 113 | | 15 | |
| 52 / 51 | . | .2 | .4 | .1 | .1 | .2 | .3 | | | | | | | | | | | 36 | 37 | | 106 | | 42 | |
| 50 / 49 | . | .3 | .4 | .6 | | .2 | | | | | | | | | | | | 25 | 25 | | 115 | | 73 | |
| 48 / 47 | | .4 | .4 | .1 | | | | | | | | | | | | | | 9 | 9 | | 126 | | 77 | |
| 46 / 45 | | .1 | .6 | | | | | | | | | | | | | | | 5 | 6 | | 81 | | 100 | |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | | 35 | | 110 | |
| 42 / 41 | . | .2 | | | | | | | | | | | | | | | | 3 | 3 | | 15 | | 107 | |
| 40 / 39 | . | | | | | | | | | | | | | | | | | 1 | 1 | | 5 | | 106 | |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | | | 80 | |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | | | 44 | |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | | | 44 | |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | | | 33 | |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | | | 23 | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | | | 17 | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | | 14 | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | | 3 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252.05 STATION | PRINCE GEORGE A , BCT AP I STATION NAME | 57-66 YEARS | JUL MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 227 2 | | | | | | | | | | | | | | | | | | | 1 |
| 1012 | .1 | .4 | .2 | 6.1 | 8.8 | 21 | 15.8 | 15.3 | 14.2 | 7.2 | 4.3 | 2.1 | .7 | .2 | | | | 90 | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 340421 | 43151 | 47.9 | 17.379 | 900 | | | | | | | |
| Dry Bulb | 606629 | 56967 | 63.3 | 8.224 | 900 | | | 30.7 | 13.9 | 2.1 | | 90 |
| Wet Bulb | 416827 | 46431 | 51.6 | 4.791 | 900 | | | | | | | 90 |
| Dew Point | 599655 | 37475 | 41.6 | 6.607 | 900 | | 9.1 | | | | | 90 |

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

DATA PROCESSING DIVISION
SAT [illegible]
AIR [illegible] SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23256 | PR LE GEORGE B C [illegible] APT | 57-66 | 10
STATION | STATION NAME | YEARS | MONTH

PAGE 1 | 1500-1700 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92 / 91 | | | | | | | | | | | | | | .1 | . | | | | | | |
| 90 / 89 | | | | | | | | | | | | | | .1 | | | | | | | |
| 86 / 85 | | | | | | | | | | | . | | . | | . | | | 5 | 5 | | |
| 84 / 83 | | | | | | | | | | | | . | . | .2 | .1 | | | 10 | 10 | | |
| 82 / 81 | | | | | | | | | | .1 | .1 | .1 | . | | | | | 14 | 14 | | |
| 80 / 79 | | | | | | | | | | .1 | .1 | .1 | . | .1 | | | | 32 | 32 | | |
| 78 / 77 | | | | | | | | | .3 | .1 | .1 | .1 | . | | | | | 34 | 34 | | |
| 76 / 75 | | | | | | | | | .2 | .1 | .1 | .1 | . | | | | | 38 | 38 | | |
| 74 / 73 | | | | | | | | .1 | .2 | .1 | .2 | .1 | | | | | | 38 | 38 | | |
| 72 / 71 | | | | | | .1 | .0 | .1 | .3 | .1 | .3 | . | | | | | | 58 | 58 | | |
| 70 / 69 | | | | | .1 | .1 | .1 | 1.1 | .1 | 1.1 | .1 | | | | | | | 64 | 64 | | |
| 68 / 67 | | | | .1 | .1 | .2 | .1 | 1.1 | 1.4 | 1.1 | .1 | | | | | | | 54 | 54 | | |
| 66 / 65 | | | | .1 | .1 | .1 | 1.6 | 1.1 | 1.6 | 1.1 | .1 | | | | | | | 70 | 70 | 4 | |
| 64 / 63 | | | .2 | .1 | .8 | 1.0 | 1.9 | 1.1 | 1.6 | 1.1 | | | | | | | | 73 | 73 | 7 | |
| 62 / 61 | | .1 | .1 | .6 | 1.1 | 1.3 | 2.1 | 1.6 | 1.3 | .1 | | | | | | | | 85 | 85 | 9 | |
| 60 / 59 | | .1 | .6 | 1.1 | 1.1 | 1.8 | 1.6 | 1.1 | .2 | | | | | | | | | 72 | 72 | 54 | 1 |
| 58 / 57 | | .2 | .1 | .1 | 1.1 | .2 | .0 | 1.1 | | | | | | | | | | 61 | 61 | 93 | 8 |
| 56 / 55 | | .1 | .2 | 1.0 | 1.1 | .2 | .8 | .1 | | | | | | | | | | 57 | 57 | 119 | 10 |
| 54 / 53 | .1 | .1 | .1 | 1.2 | .1 | .1 | .0 | | | | | | | | | | | 51 | 51 | 135 | 21 |
| 52 / 51 | | .0 | .1 | 1.1 | .1 | .1 | | | | | | | | | | | | 49 | 49 | 138 | 46 |
| 50 / 49 | | .1 | .1 | .2 | .2 | .1 | | | | | | | | | | | | 18 | 18 | 124 | 52 |
| 48 / 47 | | .1 | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 109 | 75 |
| 46 / 45 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 75 | 92 |
| 44 / 43 | | | | | | | | | | | | | | | | | | | | 9 | 97 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | 8 | 114 |
| 40 / 39 | .1 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 93 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | 1 | 60 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 61 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 48 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 46 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 32 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | 25 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2*20□ STATION | PRINCE GEORGE [illegible] ART STATION NAME | 57-66 YEARS | JU MONTH

PAGE , 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 | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22-2[illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | • | • | • | • | • | • | 8 | 112 | 212 | 611 | 814 | 3 | 7 | 9 | 5 | 1 | 9 | 8 | • | 3 | |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 2237428 | 41444 | 46.0 | 17.129 | 900 | | | | | | | |
| Dry Bulb | 3824249 | 58135 | 64.6 | 8.164 | 900 | | | 35.5 | 17.4 | 4.5 | | 9[illegible] |
| Wet Bulb | 2459182 | 47605 | 52.1 | 4.749 | 900 | | | | | | | 90 |
| Dew Point | 1575514 | 37111 | 41.2 | 7.102 | 900 | | 12.2 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
FOR OFFICIAL USE ONLY

# PSYCHROMETRIC SUMMARY

[redacted] STATION [redacted] STATION NAME [redacted] YEARS [redacted] MONTH

PAGE 1 [redacted]

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 | 6 | | | | | | | | | | | | •1 | | | | | | 1 | 1 | | |
| 86 | 6 | | | | | | | | | | | •1 | | | | | | | 2 | | | |
| 84 | 8 | | | | | | | | | | | | •2 | | | | | | 3 | | | |
| 82 | 81 | | | | | | | | | | | •1 | •1 | •1 | | | | | 5 | | | |
| 80 | 9 | | | | | | | •1 | | | •1 | •1 | •1 | •1 | | | | | 16 | 16 | | |
| 78 | 77 | | | | | | | | •1 | | •1 | • | | | | | | | 21 | | | |
| 76 | | | | | | | | •1 | •1 | •1 | •1 | • | | | | | | | 15 | 15 | | |
| 74 | 74 | | | | | | •2 | •1 | •1 | •1 | •1 | | | | | | | | 37 | 3 | | |
| 72 | 71 | | | | | | •2 | •1 | 1•2 | 1•1 | 1•1 | •1 | | | | | | | 34 | 33 | | |
| 70 | 69 | | | | | • | •3 | •1 | 1•1 | 1•1 | •1 | | | | | | | | 43 | 43 | | |
| 68 | 8 | | | | | •1 | •1 | 1•1 | 1•1 | •0 | •1 | | | | | | | | 59 | 5 | | |
| 66 | 65 | | | | •2 | •1 | •2 | 1•1 | 1•2 | •1 | | | | | | | | | 61 | 6 | 2 | |
| 64 | 64 | | | •1 | •1 | •1 | 2•0 | 1•1 | •1 | | | | | | | | | | 63 | 6 | 3 | |
| 62 | 62 | | •1 | •3 | •0 | •0 | 2•0 | 1•1 | •1 | | | | | | | | | | 62 | 6 | 8 | |
| 60 | 59 | | •1 | •1 | 1•1 | 1•1 | 1•1 | 1•1 | •1 | | | | | | | | | | 55 | 8 | 2 | |
| 58 | 57 | •1 | •1 | •1 | •1 | •1 | 1•2 | 1•1 | 1• | •1 | | | | | | | | | 80 | 2 | 17 | 8 |
| 56 | 55 | | •1 | •0 | 2•1 | •1 | •1 | 1•1 | •1 | •1 | | | | | | | | | 96 | 96 | 111 | 27 |
| 54 | 53 | •1 | •1 | •1 | 1•1 | •2 | •2 | •1 | •2 | | | | | | | | | | 70 | | 1 18 | 42 |
| 52 | 51 | | •1 | •0 | 1•0 | •1 | •2 | •2 | | | | | | | | | | | 57 | 5 | 151 | 61 |
| 50 | 49 | | •1 | •1 | 1•1 | •1 | •2 | | | | | | | | | | | | 36 | 36 | 118 | 83 |
| 48 | 47 | •1 | •1 | •0 | •0 | •1 | | | | | | | | | | | | | 24 | 24 | 99 | 65 |
| 46 | 45 | | •0 | •2 | | | | | | | | | | | | | | | 7 | 7 | 92 | 113 |
| 44 | 43 | | | | | | | | | | | | | | | | | | | | 74 | 106 |
| 42 | 41 | | | | | | | | | | | | | | | | | | | | 7 | 95 |
| 40 | 39 | •1 | •2 | | | | | | | | | | | | | | | | 3 | 3 | 8 | 66 |
| 38 | 37 | | | | | | | | | | | | | | | | | | | | | 74 |
| 36 | 35 | | | | | | | | | | | | | | | | | | | | | 35 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | | | 34 |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | | 39 |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | | 21 |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | | 17 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | | 4 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | | 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

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# PSYCHROMETRIC SUMMARY

4220 — STATION
[illegible] STATION NAME
2/-6[illegible] YEARS
[illegible] MONTH

PAGE 2 — 0000-2000 HOURS [illegible]

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 7. | 12. | [illegible] | 9.6 | 0. | [illegible] | 1.9 | .9 | .2 | .1 | | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | [illegible] | 54.2 | [illegible] | 900 | | | | | | | |
| Dry Bulb | [illegible] | [illegible] | 61.5 | [illegible] | 900 | | | 25.6 | 12.0 | 1.6 | | 90 |
| Wet Bulb | [illegible] | [illegible] | 51.5 | [illegible] | 900 | | | | | | | 90 |
| Dew Point | [illegible] | [illegible] | 42.9 | [illegible] | 900 | | 9.1 | | | | | 90 |

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

[illegible] PROCESSING DIVISION
[illegible]
[illegible] EATHER SERVICE

# PSYCHROMETRIC SUMMARY

252 [illegible] SERVICE WEATHER S C [illegible] AFB 57-66 JUL
STATION STATION NAME YEARS MONTH

PERIOD [illegible]-2300

| 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 | | | | | | | | | | |
| 78 | 77 | | | | | | | | .1 | | | | | | | | | | | | | | | | | |
| 72 | | | | | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | |
| 70 | | | | | | | | .1 | | .3 | .4 | | | | | | | | | | | | | 11 | | |
| 68 | | | | | .3 | .2 | .3 | .4 | .3 | | .4 | | | | | | | | | | | | | 15 | | |
| 66 | 6 | | | | | | .3 | .9 | .2 | .2 | | | | | | | | | | | | | | 20 | | |
| 64 | | | .1 | .3 | | | | .9 | .2 | .2 | .1 | | | | | | | | | | | | | 38 | 1 | |
| 62 | 6 | | .6 | .4 | | | .1 | .1 | | | | | | | | | | | | | | | | 39 | 2 | |
| 60 | 59 | .6 | .6 | .8 | .6 | .6 | .3 | .3 | | | | | | | | | | | | | | | | 66 | 8 | |
| 58 | 57 | .1 | .3 | .6 | .1 | .3 | .1 | .3 | | | | | | | | | | | | | | | | 76 | 7 | 6 |
| 56 | 53 | .1 | .3 | .9 | 1.7 | 1.4 | .2 | .1 | | | | | | | | | | | | | | | | 85 | 2 | 25 |
| 54 | 52 | .2 | .3 | .6 | .3 | .5 | .1 | .1 | | | | | | | | | | | | | | | | 115 | 14 | 37 |
| 52 | 51 | .2 | .7 | .4 | .1 | .4 | .1 | | | | | | | | | | | | | | | | | 109 | 11 | 57 |
| 50 | 49 | .1 | .8 | .5 | 1.0 | .3 | | | | | | | | | | | | | | | | | | 94 | 10 | 83 |
| 48 | 47 | .1 | .1 | .1 | 1.7 | .1 | .4 | | | | | | | | | | | | | | | | | 89 | 10 | 102 |
| 46 | 45 | .3 | .8 | .2 | .8 | .1 | .1 | | | | | | | | | | | | | | | | | 71 | 13 | 135 |
| 44 | 43 | | .7 | .1 | .3 | | .1 | | | | | | | | | | | | | | | | | 28 | 7 | 104 |
| 42 | 41 | | .1 | .6 | | | | | | | | | | | | | | | | | | | | 10 | 05 | 93 |
| 40 | 39 | .1 | .1 | .3 | | | | | | | | | | | | | | | | | | | | 8 | 9 | 90 |
| 38 | 37 | | .1 | | | | | | | | | | | | | | | | | | | | | 4 | 5 | 54 |
| 36 | 35 | | | .1 | | | | | | | | | | | | | | | | | | | | 1 | 5 | 41 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | | | | | | 15 |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | | | | | | 10 |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | | | | | | 4 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .4 | .2 | .2 | .6 | .4 | .1 | .8 | .1 | .2 | .3 | .6 | .2 | .2 | .1 | .0 | .0 | .1 | | | | | | 900 | | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
| Rel. Hum | 916871 | 64577 | 71.8 | 17.753 | 900 | | | | | | | |
| Dry Bulb | 623402 | 48214 | 53.6 | 6.714 | 900 | | | 3.5 | .2 | | | 90 |
| Wet Bulb | 128184 | 43534 | 48.4 | 4.991 | 900 | | | | | | | 90 |
| Dew Point | 759585 | 39377 | 43.8 | 6.394 | 900 | | 4.9 | | | | | 90 |

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

DATA [illegible]
USAF [illegible]
AIR [illegible]

# PSYCHROMETRIC SUMMARY

252[illegible] [illegible] GEORGE [illegible] [illegible] [illegible] 5[illegible]-6[illegible] [illegible]
STATION STATION NAME YEARS MONTH

PAGE 0000-0200
HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | | | | | | | | | | | | | | | | | | | | |
| 74 | [illegible] | | | | | | | | | | | | | | | | | | | | |
| 72 | [illegible] | | | | | | | | | .1 | | .1 | | | | | | 2 | | | |
| 70 | [illegible] | | | | | | | | .1 | | | | | | | | | 4 | | | |
| 68 | [illegible] | | | | | | .2 | | | .2 | | | | | | | | 9 | 9 | | |
| 66 | [illegible] | | | | .2 | .1 | | .1 | | | | | | | | | | 12 | 1 | | |
| 64 | [illegible] | | | .1 | | .1 | | .1 | | .1 | | | | | | | | 15 | 1 | | |
| 62 | [illegible] | | .4 | .4 | .4 | .4 | .1 | | | | | | | | | | | 23 | 23 | | |
| 60 | [illegible] | | .2 | .1 | .2 | .5 | .1 | | .1 | | | | | | | | | 57 | 57 | 7 | 2 |
| 58 | [illegible] | .1 | .3 | .4 | 2.2 | .1 | .4 | .1 | | | | | | | | | | 89 | 69 | 3 | 11 |
| 56 | [illegible] | .2 | .4 | .1 | 1.3 | 1.0 | .2 | | | | | | | | | | | 107 | 1 | 2 | 23 |
| 54 | [illegible] | .4 | 0.6 | .6 | 1.4 | .3 | .1 | | | | | | | | | | | 134 | 1 | 1.2 | 58 |
| 52 | [illegible] | .1 | .6 | .1 | .8 | .1 | | | | | | | | | | | | 147 | 37 | 151 | 108 |
| 50 | [illegible] | 2.6 | 5.3 | .4 | .4 | .1 | | | | | | | | | | | | 153 | 53 | 193 | 129 |
| 48 | [illegible] | .1 | .1 | .3 | .3 | | | | | | | | | | | | | 94 | 1 | 154 | 185 |
| 46 | [illegible] | .1 | .3 | .1 | .2 | | | | | | | | | | | | | 80 | 1 | 1 7 | 147 |
| 44 | [illegible] | .1 | .2 | .1 | | | | | | | | | | | | | | 59 | 2 | 6 | 99 |
| 42 | [illegible] | .1 | .4 | | | | | | | | | | | | | | | 15 | 1 | 27 | 89 |
| 40 | [illegible] | .4 | .1 | | | | | | | | | | | | | | | 5 | | 5 | 43 |
| 38 | [illegible] | .1 | .2 | | | | | | | | | | | | | | | 3 | 1 | 6 | 20 |
| 36 | [illegible] | | | | | | | | | | | | | | | | | | | 2 | 7 |
| 34 | [illegible] | | | | | | | | | | | | | | | | | | | | 6 |
| 32 | [illegible] | | | | | | | | | | | | | | | | | | | | 1 |
| [illegible] | [illegible] | 5.1 | 9.2 | .7 | 5.1 | .2 | .1 | .1 | .4 | .1 | .2 | | | | | | | | 3 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| [illegible] | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 660621 | 7728[illegible] | 83.1 | 13.845 | 93[illegible] | | | | | | | |
| [illegible] | 25[illegible]1 32 | 4862[illegible] | 52.3 | 5.525 | 93[illegible] | | | 1.[illegible] | .2 | | | 93 |
| [illegible] | 27[illegible]913 | 53[illegible] | 49.3 | 4.111 | 93[illegible] | | | | | | | 93 |
| | [illegible]8836 | [illegible]3[illegible]46 | 46.8 | [illegible].623 | 93[illegible] | | .1 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C INT APT 47 66
STATION STATION NAME YEARS

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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 6 | | | | | .4 | | | | | | | | | | | | 2 | | | |
| 64 | 6 | | | | .1 | .2 | | | | | | | | | | | | 2 | | | |
| 62 | 7 | | | .1 | .2 | .3 | .2 | | | | | | | | | | | 8 | | | |
| 60 | 9 | .5 | .5 | .2 | .5 | .4 | | | | | | | | | | | | 15 | 15 | 3 | 2 |
| 58 | 9 | | .6 | .2 | .4 | .4 | .3 | | | | | | | | | | | 35 | 35 | 9 | 5 |
| 56 | 10 | .4 | .4 | .5 | .5 | .4 | .3 | | | | | | | | | | | 79 | 79 | 25 | 13 |
| 54 | 10 | .4 | .8 | .4 | .2 | .5 | .3 | | | | | | | | | | | 89 | 89 | 64 | 35 |
| 52 | 10 | .4 | .8 | .6 | .3 | .1 | | | | | | | | | | | | 112 | 112 | 112 | 69 |
| 50 | 9 | 1.4 | 1.1 | .6 | .2 | | | | | | | | | | | | | 161 | 161 | 168 | 122 |
| 48 | 10 | 2.4 | 1.8 | .5 | .2 | | | | | | | | | | | | | 129 | 129 | 158 | 155 |
| 46 | 10 | .6 | .3 | .4 | .2 | | | | | | | | | | | | | 101 | 101 | 159 | 164 |
| 44 | 9 | .3 | .3 | .4 | | | | | | | | | | | | | | 76 | 76 | 105 | 129 |
| 42 | 7 | .4 | .8 | .1 | | | | | | | | | | | | | | 44 | 44 | 55 | 114 |
| 40 | 7 | .4 | .3 | .2 | | | | | | | | | | | | | | 15 | 15 | 24 | 57 |
| 38 | 5 | .4 | .2 | .1 | | | | | | | | | | | | | | 11 | 11 | 19 | 39 |
| 36 | 4 | | .3 | | | | | | | | | | | | | | | 3 | 3 | 4 | 18 |
| 34 | 3 | | | | | | | | | | | | | | | | | | | | 6 |
| 32 | 2 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12 | 15 | .8 | .3 | .6 | .1 | .5 | | | | | | | | | | | | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7202298 | 81268 | 87.4 | 11.11 | 930 | | | | | | | |
| Dry Bulb | 2255248 | 45971 | 49.4 | 4.57 | 930 | | | | | | | 93 |
| Wet Bulb | 2099074 | 44002 | 47.3 | 4.298 | 930 | | | | | | | 93 |
| Dew Point | 1951999 | 42391 | 45.6 | 7.61 | 930 | | .2 | | | | | 93 |

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

DATA PROCESSING DIVISION
SAF [illegible]
[illegible] WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

23230 STATION | PRINCE GEORGE A C U I T APT STATION NAME | 57 60 YEARS | JUL MONTH

PAGE 1 0600-0800 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 [illegible] | | | | | | .4 | .1 | | | | | | | | | | | 4 | | |
| 70 [illegible] | | | | | | .2 | | .1 | | | | | | | | | | 4 | | |
| 68 67 | | | | | .0 | .4 | .1 | .1 | | | | | | | | | | 9 | | |
| 66 6[illegible] | | | | .0 | .1 | .2 | .6 | | | | | | | | | | | 44 | 44 | |
| 64 [illegible] | | | .3 | 1.4 | 1.3 | .5 | .2 | .1 | | | | | | | | | | 51 | 5[illegible] | |
| 62 6[illegible] | | | .5 | 1.5 | 1.1 | .4 | | | | | | | | | | | | 45 | 1[illegible] | 3 |
| 60 [illegible] | | .3 | 1.4 | 3.1 | 2.5 | .9 | .1 | | | | | | | | | | | 91 | 9[illegible] | 1 |
| 58 5[illegible] | .1 | .7 | 2.0 | 4.1 | 2.1 | .6 | | | | | | | | | | | | 103 | 10[illegible] | 57 9 |
| 56 5[illegible] | .1 | .3 | .9 | 2.7 | 1.2 | .1 | | | | | | | | | | | | 122 | 122 | 102 39 |
| 54 [illegible] | .4 | 1.1 | 1.4 | 2.4 | .3 | | | | | | | | | | | | | 125 | 12[illegible] | 124 83 |
| 52 5[illegible] | 1.0 | .3 | 1.6 | 1.5 | .2 | .1 | | | | | | | | | | | | 120 | 12[illegible] | 116 127 |
| 50 4[illegible] | 1.0 | 1.7 | 2.2 | .9 | .1 | | | | | | | | | | | | | 101 | 10[illegible] | 174 134 |
| 48 4[illegible] | .3 | .8 | .2 | .0 | | | | | | | | | | | | | | 69 | 6[illegible] | 153 184 |
| 46 4[illegible] | .1 | .2 | | | | | | | | | | | | | | | | 25 | 2[illegible] | 80 148 |
| 44 43 | | .1 | .1 | | | | | | | | | | | | | | | 12 | 1[illegible] | 44 103 |
| 42 41 | | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 4 47 |
| 40 [illegible] | .1 | | | | | | | | | | | | | | | | | 1 | | 4 35 |
| 38 37 | | | | | | | | | | | | | | | | | | | | 13 |
| 36 35 | | | | | | | | | | | | | | | | | | | | 5 |
| 34 33 | | | | | | | | | | | | | | | | | | | | 2 |
| TOTA[illegible] | .1 | .2 | .02 | .1[illegible] | .0[illegible] | .1 | .1 | .3 | .1 | | | | | | | | | | 93[illegible] | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum. | [illegible]824[illegible]0[illegible] | [illegible]2303 | 78.0[illegible] | 13.0[illegible] | [illegible]30 | | | | | | | |
| Dry Bulb | [illegible]839[illegible]0[illegible] | 51110 | 55.[illegible] | 5.[illegible]54 | [illegible]30 | | | 2.3 | | | | 93 |
| Wet Bulb | [illegible]421560 | 47306 | 50.9 | 4.[illegible]54 | [illegible]30 | | | | | | | 93 |
| Dew Point | [illegible]136618 | 44494 | 47.7 | 4.334 | 930 | | | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C CAN INT STATION NAME | 57 64 YEARS | JUL MONTH

PART I 0900 1100 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82 | 6 | | | | | | | | .1 | | .1 | | | | | | | 7 | | | |
| 80 | 12 | | | | | | | | .2 | .4 | .1 | | | | | | | 8 | | | |
| 78 | 17 | | | | | | | .2 | .6 | .5 | | | | | | | | 12 | 1 | | |
| 76 | 22 | | | | | .1 | .1 | .2 | .9 | .5 | .3 | | | | | | | 29 | 29 | | |
| 74 | 2 | | | | | .1 | 1.1 | 1.2 | 1.2 | .5 | | | | | | | | 36 | 37 | | |
| 72 | 7 | | | | .3 | 1.4 | 1.7 | .3 | .8 | .3 | | | | | | | | 59 | 5 | | |
| 70 | 1 | | | | .4 | .4 | 2.0 | 1.1 | 1.0 | | .1 | | | | | | | 70 | | | |
| 68 | 67 | | | .1 | 1.3 | 1.3 | 3.5 | 1.2 | .1 | .1 | | | | | | | | 93 | 1 | | |
| 66 | 65 | | | .9 | 1.1 | 3.4 | 3.3 | .3 | .3 | | | | | | | | | 91 | 91 | 3 | |
| 64 | 62 | | .2 | 1.1 | 2.6 | 2.8 | 1.7 | .3 | .1 | | | | | | | | | 82 | 82 | 9 | |
| 62 | 51 | | .9 | 1.2 | 2.8 | 2.7 | 1.4 | | | | | | | | | | | 83 | 83 | 27 | |
| 60 | 39 | .2 | .5 | 2.2 | 2.5 | 1.6 | .9 | | | | | | | | | | | 74 | 74 | 101 | 4 |
| 58 | 57 | .4 | .4 | 3.0 | 2.9 | 1.1 | .2 | .1 | | | | | | | | | | 80 | 80 | 114 | 27 |
| 56 | 53 | .8 | 2.4 | 3.4 | 1.7 | .6 | .1 | | | | | | | | | | | 94 | 94 | 106 | 60 |
| 54 | 53 | .7 | 1.5 | 1.4 | .3 | .2 | | | | | | | | | | | | 51 | 51 | 119 | 89 |
| 52 | 51 | .9 | 1.1 | .3 | .2 | | | | | | | | | | | | | 30 | | 135 | 123 |
| 50 | 39 | .9 | .2 | .2 | | | | | | | | | | | | | | 13 | 13 | 119 | 152 |
| 48 | 47 | .8 | | | | | | | | | | | | | | | | 7 | | 95 | 145 |
| 46 | 45 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 57 | 140 |
| 44 | 43 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 7 | 73 |
| 42 | 1 | | | | | | | | | | | | | | | | | | | 2 | 63 |
| 40 | 32 | | | | | | | | | | | | | | | | | | | | 24 |
| 38 | 17 | | | | | | | | | | | | | | | | | | | | 13 |
| 36 | 35 | | | | | | | | | | | | | | | | | | | | 10 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | | .4 | 1.1 | 2.1 | 10.8 | 16.7 | 18.8 | 10.3 | 8.8 | 3.3 | 1.3 | .5 | | | | | | 930 | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6.8905 | 5044 | 60.7 | 13.498 | 930 | | | | | | | |
| Dry Bulb | 723.28 | 58172 | 62.9 | 7.091 | 930 | | | 30.8 | 3.6 | .4 | | 93 |
| Wet Bulb | 761.87 | 50521 | 54.3 | 4.278 | 930 | | | | | | | 93 |
| Dew Point | 2161.56 | 44820 | 48.2 | 4.857 | 930 | | | | | | | 93 |

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

DATA PROCESSING DIVISION
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WITH SELECTED WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252 STATION | [illegible] CE GEORGE A C, DET APT STATION NAME | 57-66 YEARS | JUL MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. | TOTAL W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | 89 | | | | | | | | | | | .1 | | | .1 | | | 2 | 2 | | |
| 88 | 87 | | | | | | | | | | .1 | | | .3 | | | | 4 | 4 | | |
| 86 | 85 | | | | | | | | | | .1 | .1 | .2 | .2 | | | | 12 | 12 | | |
| 84 | 83 | | | | | | | | | .2 | .2 | .2 | .2 | | | | | 19 | 19 | | |
| 82 | 81 | | | | | | | | .2 | .2 | .3 | .1 | .1 | .1 | | | | 29 | 29 | | |
| 80 | 79 | | | | | | | .1 | 1.1 | 1.2 | 1.7 | .3 | .4 | | | | | 44 | 44 | | |
| 78 | 77 | | | | | | .2 | .4 | 1.0 | 1.3 | 1.4 | .4 | | | | | | 66 | 66 | | |
| 76 | 75 | | | | | | .5 | .9 | 1.7 | 2.3 | .5 | | | | | | | 62 | 62 | | |
| 74 | 73 | | | | | | .5 | 1.4 | 2.7 | 1.0 | .4 | .1 | | | | | | 73 | 73 | | |
| 72 | 71 | | | | | .3 | 1.3 | 2.2 | 1.8 | 1.1 | .2 | | | | | | | 65 | 65 | | |
| 70 | 69 | | | | .1 | .1 | 2.3 | 3.7 | 1.5 | .4 | .1 | | | | | | | 86 | 86 | | |
| 68 | 67 | | | .1 | .3 | .3 | 1.5 | 2.6 | 1.4 | .2 | | | | | | | | 73 | 73 | 2 | |
| 66 | 65 | | | .2 | .4 | .5 | 2.8 | 1.1 | .5 | .1 | | | | | | | | 61 | 61 | 14 | |
| 64 | 63 | | .4 | .8 | .4 | 1.6 | 3.4 | .5 | | | | | | | | | | 72 | 72 | 50 | |
| 62 | 61 | | .3 | 1.3 | .4 | .6 | 1.3 | .3 | .1 | | | | | | | | | 63 | 63 | 77 | 1 |
| 60 | 59 | .2 | .4 | 2.0 | .4 | .5 | .9 | | | | | | | | | | | 84 | 84 | 132 | 4 |
| 58 | 57 | .5 | .7 | 1.4 | .4 | .8 | .6 | | | | | | | | | | | 57 | 57 | 151 | 24 |
| 56 | 55 | .4 | .6 | .8 | .1 | .3 | .1 | | | | | | | | | | | 26 | 26 | 141 | 55 |
| 54 | 53 | .1 | .1 | .2 | | | | | | | | | | | | | | 14 | 14 | 151 | 70 |
| 52 | 51 | .2 | .4 | | | | | | | | | | | | | | | 12 | 12 | 111 | 104 |
| 50 | 49 | .5 | | | | | | | | | | | | | | | | 5 | | 68 | 112 |
| 48 | 47 | | | | | | | | | | | | | | | | | | | 22 | 135 |
| 46 | 45 | .1 | .1 | | | | | | | | | | | | | | | 4 | | 11 | 156 |
| 44 | 43 | | | | | | | | | | | | | | | | | | | | 99 |
| 42 | 41 | | | | | | | | | | | | | | | | | | | | 85 |
| 40 | 39 | | | | | | | | | | | | | | | | | | | | 44 |
| 38 | 37 | | | | | | | | | | | | | | | | | | | | 13 |
| 36 | 35 | | | | | | | | | | | | | | | | | | | | 16 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | | 7 |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | 2 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | .9 | 3.4 | 7.3 | 2.9 | 6.1 | 15.6 | 14.0 | 12.7 | 5.4 | 6.0 | 3.3 | 1.2 | .6 | .1 | | | 930 | 930 | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature: ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 535.54 | 46120 | 49.6 | 16.310 | 93[illegible] | | | | | | | |
| Dry Bulb | 368932 | 63418 | 68.2 | 8.324 | 930 | | | 53.2 | 30.8 | 8.5 | | 93 |
| Wet Bulb | 927873 | 52227 | 55.9 | 4.319 | 930 | | | .2 | | | | 93 |
| Dew Point | 2098120 | 43900 | 47.2 | 5.198 | 930 | | .3 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

25208 STATION | PRINCE GEORGE A C T APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 1900-1700 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 90 | | | | | | | | | | | | | | .2 | .1 | | | 4 | | |
| 90 88 | | | | | | | | | | | | .4 | .1 | .4 | .1 | | | 10 | 1 | |
| 88 86 | | | | | | | | | | | | 1.1 | .2 | .4 | | | | 16 | 1 | |
| 86 84 | | | | | | | | | | .1 | .5 | 1.5 | .9 | .3 | | | | 31 | 3 | |
| 84 82 | | | | | | | | | .2 | .1 | 1.1 | 1.5 | .4 | | | | | 34 | 3 | |
| 82 80 | | | | | | | | | .4 | .1 | 2.4 | .3 | | | | | | 56 | 5 | |
| 80 78 | | | | | | | | .1 | 1.3 | 3.4 | 2.3 | .1 | | | | | | 82 | 82 | |
| 78 76 | | | | | | | .3 | .1 | 1.7 | 1.9 | 1.2 | .1 | | | | | | 80 | 80 | |
| 76 74 | | | | | | .2 | .6 | .4 | 2.6 | 2.1 | 1.3 | | | | | | | 82 | 82 | |
| 74 72 | | | | | | .1 | 1.4 | .1 | 2.4 | 2.1 | .4 | | | | | | | 81 | 81 | |
| 72 70 | | | | | .4 | .2 | 1.1 | .1 | 1.9 | | | | | | | | | 54 | 54 | |
| 68 66 | | | | .3 | .6 | .5 | 2.7 | 2.2 | .9 | | | | | | | | | 76 | 76 | 10 |
| 64 62 | | | .4 | .3 | .3 | 1.9 | 2.2 | .3 | .3 | | | | | | | | | 72 | 72 | .5 1 |
| 62 60 | | .1 | .1 | .6 | 1.1 | 1.6 | 1.3 | .3 | .1 | | | | | | | | | 65 | 65 | 118 |
| 60 58 | | .3 | .5 | .2 | .1 | .2 | .2 | | | | | | | | | | | 36 | 36 | 144 20 |
| 56 54 | | .3 | .3 | .2 | .2 | .1 | | | | | | | | | | | | 12 | 12 | 146 42 |
| 54 52 | | .1 | .1 | | | | | | | | | | | | | | | 24 | 24 | 143 61 |
| 52 50 | | .2 | .2 | .1 | | | | | | | | | | | | | | 11 | 11 | 100 110 |
| 50 48 | | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 55 136 |
| 48 46 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 16 133 |
| 46 44 | | | | | | | | | | | | | | | | | | | | 7 138 |
| 44 42 | | | | | | | | | | | | | | | | | | | | 108 |
| 42 40 | | | | | | | | | | | | | | | | | | | | 92 |
| 40 38 | | | | | | | | | | | | | | | | | | | | 40 |
| 38 36 | | | | | | | | | | | | | | | | | | | | 17 |
| 36 34 | | | | | | | | | | | | | | | | | | | | 13 |
| 34 32 | | | | | | | | | | | | | | | | | | | | 5 |
| 32 30 | | | | | | | | | | | | | | | | | | | | 3 |
| 30 28 | | | | | | | | | | | | | | | | | | | | 3 |
| 28 26 | | | | | | | | | | | | | | | | | | | | 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

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# PSYCHROMETRIC SUMMARY

25206 STATION | PEARCE AIRFORCE BASE STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | 7.5 | 11.6 | 11.4 | 13.9 | 13.4 | 7.4 | 5.9 | 1.6 | 1.6 | .8 | | | 930 |
| | | | | | | | | | | | | | | | | | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | > 32 F | > 67 F | > 73 F | > 80 F | > 93 F | Total |
| Rel. Hum. | 395906 | 44176 | 47.5 | 17.895 | 930 | | | | | | | |
| Dry Bulb | 452104 | 64758 | 69.6 | 8.856 | 930 | | | 56.5 | 37.9 | 13.0 | | 93 |
| Wet Bulb | 297204 | 52434 | 56.4 | 4.142 | 930 | | | .2 | | | | 93 |
| Dew Point | 207762 | 43692 | 47.0 | 5.207 | 930 | | .7 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

25256 — STATION
PRINCE GEORGE B C INT APT — STATION NAME
57-66 — YEARS
JUL — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 / 32 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | |
| 88 / 31 | | | | | | | | | | | | .1 | | .1 | | | | 2 | 2 | | |
| 86 / 30 | | | | | | | | | | | . | .1 | .1 | .2 | | | | 5 | 5 | | |
| 84 / 29 | | | | | | | | | | | .1 | .1 | .2 | | | | | 8 | 8 | | |
| 82 28 | | | | | | | | | .1 | .3 | .3 | .1 | | | | | | 20 | 20 | | |
| 80 / 27 | | | | | | | | .2 | .4 | .3 | 1.1 | 1.1 | | | | | | 43 | 43 | | |
| 78 / 26 | | | | | | | .1 | .3 | .6 | 1.3 | .7 | .1 | | | | | | 39 | 39 | | |
| 76 / 24 | | | | | | | .3 | 1.4 | 2.0 | 2.1 | .2 | | | | | | | 46 | 46 | | |
| 74 / 23 | | | | | | .2 | 1.3 | 2.2 | .6 | 1.0 | .3 | | | | | | | 61 | 61 | | |
| 72 / 22 | | | | | .2 | .5 | 2.6 | 2.3 | 1.9 | 1.6 | .1 | | | | | | | 96 | 96 | | |
| 70 / 21 | | | | .1 | .3 | .8 | 1.2 | 1.9 | 1.4 | .1 | | | | | | | | 67 | 67 | | |
| 68 / 20 | | | | .1 | 1.1 | 1.4 | 2.3 | 1.3 | .4 | | | | | | | | | 69 | 69 | | |
| 66 / 19 | | | .2 | .2 | .3 | 2.0 | 1.6 | 1.6 | .3 | | | | | | | | | 73 | 73 | 10 | |
| 64 / 18 | | .3 | .4 | .2 | .4 | 1.5 | 1.2 | .3 | .3 | | | | | | | | | 52 | 62 | 39 | |
| 62 17 | .4 | .4 | .8 | 1.4 | 1.5 | 1.6 | .6 | .2 | .1 | | | | | | | | | 63 | 63 | 96 | 4 |
| 60 / 16 | .1 | .1 | 1.6 | 2.0 | 3.1 | 1.9 | .4 | .1 | .1 | | | | | | | | | 99 | 99 | 114 | 14 |
| 58 / 14 | | .6 | .7 | 1.8 | 1.1 | .2 | .5 | | | | | | | | | | | 56 | 56 | 121 | 35 |
| 56 / 13 | | 1.5 | 2.3 | .9 | .1 | .1 | | | | | | | | | | | | 45 | 45 | 100 | 64 |
| 54 / 12 | .1 | .4 | .9 | .8 | | | | | | | | | | | | | | 38 | 38 | 149 | 103 |
| 52 / 11 | .1 | 1.4 | .6 | | | | | | | | | | | | | | | 20 | 20 | 113 | 129 |
| 50 10 | .1 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 64 | 151 |
| 48 / 9 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 28 | 134 |
| 46 / 8 | | | | | | | | | | | | | | | | | | | | 6 | 105 |
| 44 / 7 | | | | | | | | | | | | | | | | | | | | | 72 |
| 42 / 6 | | | | | | | | | | | | | | | | | | | | | 60 |
| 40 / 4 | | | | | | | | | | | | | | | | | | | | | 25 |
| 38 / 3 | | | | | | | | | | | | | | | | | | | | | 13 |
| 36 / 2 | | | | | | | | | | | | | | | | | | | | | 11 |
| 34 / 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 32 / 0 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28 / -2 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTA | .1 | 9.. | 8.7 | 7.5 | 11.8 | 12.2 | 12.4 | 13.0 | 8.5 | 8.8 | 3.9 | 2.5 | .4 | .4 | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3261944 | 52208 | 56.1 | 18.879 | 930 | | | | | | | |
| Dry Bulb | 4158403 | 61703 | 66.3 | 8.363 | 930 | | | 45.8 | 22.6 | 5.8 | | 93 |
| Wet Bulb | 3925799 | 52017 | 55.9 | 4.198 | 930 | | | | | | | 93 |
| Dew Point | 2224294 | 45216 | 48.6 | 5.282 | 930 | | .4 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | JUL MONTH

PAGE 1 | 2100-2300 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76 75 | | | | | | | | | .1 | | | | | | | | | 1 | | | |
| 74 73 | | | | | | | .2 | | .1 | .1 | | | | | | | | 4 | | | |
| 72 71 | | | | | | .4 | .6 | | .1 | .1 | .1 | | | | | | | 13 | 13 | | |
| 70 69 | | | | | | .3 | .8 | .9 | .3 | | | | | | | | | 21 | 21 | | |
| 68 67 | | | .1 | .3 | .8 | .2 | .8 | .3 | .1 | | | | | | | | | 35 | 35 | | |
| 66 65 | | | .2 | 1.4 | 2.2 | 1.1 | 1.1 | .6 | | | | | | | | | | 51 | 51 | | |
| 64 63 | | .1 | .9 | 1.4 | 1.4 | 1.9 | 1.2 | .2 | | | | | | | | | | 66 | 66 | 2 | |
| 62 61 | | .5 | .3 | 3.3 | 2.6 | 1.3 | .4 | | | | | | | | | | | 91 | 91 | 17 | 4 |
| 60 59 | | .8 | 1.3 | 3.2 | 2.3 | .9 | .2 | | | | | | | | | | | 100 | 100 | 59 | 10 |
| 58 57 | | .6 | 1.5 | 2.2 | 2.4 | .9 | .1 | | | | | | | | | | | 108 | 108 | 78 | 29 |
| 56 55 | .1 | .8 | .3 | 2.5 | 1.1 | .5 | | | | | | | | | | | | 114 | 114 | 145 | 58 |
| 54 53 | .1 | .3 | 1.1 | 1.8 | .6 | .2 | .1 | | | | | | | | | | | 134 | 134 | 163 | 109 |
| 52 51 | .3 | .7 | 2.2 | 1.1 | .4 | | | | | | | | | | | | | 73 | 73 | 143 | 140 |
| 50 49 | .1 | .8 | 1.2 | .4 | | .1 | | | | | | | | | | | | 73 | 73 | 115 | 157 |
| 48 47 | | .9 | .1 | .2 | .1 | | | | | | | | | | | | | 22 | 22 | 89 | 154 |
| 46 45 | .1 | .1 | | | | | | | | | | | | | | | | 11 | 11 | 30 | 119 |
| 44 43 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 56 |
| 42 41 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 51 |
| 40 39 | | | | | | | | | | | | | | | | | | | | 3 | 19 |
| 38 37 | | | | | | | | | | | | | | | | | | | | | 14 |
| 36 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.1 | 2.1 | .8 | 2.3 | 1.7 | 1.7 | 2.2 | 5.5 | 2.1 | .8 | .2 | .1 | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5365758 | 69160 | 74.4 | 15.481 | 930 | | | | | | | |
| Dry Bulb | 3122783 | 53995 | 57.6 | 5.961 | 930 | | | 7.4 | .5 | | | 93 |
| Wet Bulb | 2585285 | 48889 | 52.6 | 4.651 | 930 | | | | | | | 93 |
| Dew Point | 2242264 | 45446 | 48.9 | 4.807 | 930 | | .3 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

232 STATION | FRIEDL FIELD STATION NAME | 57 66 YEARS | AUG MONTH

PAGE | 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 | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 73 | | | | | | | | | | • | | | | | | | | 1 | | | | |
| 72 69 | | | | | | .2 | .1 | .1 | | | | | | | | | | 4 | | | | |
| 68 67 | | | | | .2 | .1 | | .1 | | | | | | | | | | 4 | | | | |
| 66 65 | | | | | • | | .2 | | | | | | | | | | | 4 | | | | |
| 64 63 | | | .3 | .4 | .2 | | .2 | | | | | | | | | | | 11 | | | | |
| 62 61 | | .2 | .4 | .6 | .4 | .3 | .2 | | | | | | | | | | | 23 | | | | |
| 60 59 | • | .4 | .4 | .2 | .8 | .5 | | | | | | | | | | | | 36 | | 2 | 2 | |
| 58 57 | .5 | .4 | .5 | .5 | .3 | .4 | | | | | | | | | | | | 62 | 62 | 32 | 19 | |
| 56 55 | 1. | .8 | .7 | .8 | .4 | .3 | | | | | | | | | | | | 86 | 86 | 54 | 29 | |
| 54 53 | 1.1 | .8 | .6 | .4 | .3 | | | | | | | | | | | | | 95 | 95 | 100 | 69 | |
| 52 51 | 1.9 | 1.7 | .7 | .3 | | .1 | | | | | | | | | | | | 119 | 117 | 121 | 102 | |
| 50 49 | 3. | 1.4 | .6 | .9 | | | | | | | | | | | | | | 130 | 130 | 130 | 134 | |
| 48 47 | 2.4 | 1.1 | .7 | .1 | | | | | | | | | | | | | | 119 | 119 | 124 | 139 | |
| 46 45 | 1.4 | .8 | .7 | | | | | | | | | | | | | | | 66 | 66 | 105 | 114 | |
| 44 43 | 1.4 | .3 | .9 | | | | | | | | | | | | | | | 55 | 55 | 93 | 103 | |
| 42 41 | 1.1 | .4 | .2 | | | | | | | | | | | | | | | 49 | 49 | 97 | 85 | |
| 40 39 | 1.1 | .4 | .1 | | | | | | | | | | | | | | | 28 | 28 | 47 | 69 | |
| 38 37 | .1 | .4 | .1 | | | | | | | | | | | | | | | 14 | 14 | 11 | 35 | |
| 36 35 | . | .1 | | | | | | | | | | | | | | | | 3 | | 1 | 21 | |
| 34 33 | | | | | | | | | | | | | | | | | | | | 2 | 2 | |
| 32 31 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 | |
| 30 29 | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTA | 17.3 | 9.1 | 7.1 | 5.4 | 3.1 | .6 | .4 | .2 | | .1 | | | | | | | | 930 | | 930 | | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7253457 | 81443 | 87.6 | 11.424 | 930 | | | | | | | |
| Dry Bulb | 2397497 | 46881 | 50.4 | 5.070 | 930 | | .1 | .9 | .1 | | | 93 |
| Wet Bulb | 2191079 | 44891 | 48.3 | 5.103 | 930 | | .1 | | | | | 93 |
| Dew Point | 2041064 | 43290 | 46.5 | 5.289 | 930 | | .7 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

23206 STATION | PRINCE EUGENE A C [illegible] APT STATION NAME | 57-63 YEARS | AUG MONTH

PAGE 1 | 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 | | | | |
| [illegible] | | | | | | .3 | | | | | | | | | | | | 1 | | | |
| 66 64 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 64 62 | | | | | .1 | .1 | .1 | | | | | | | | | | | 3 | 3 | | |
| 62 60 | | | .2 | .2 | .3 | .1 | | | | | | | | | | | | 11 | 11 | | |
| 60 58 | . | .5 | .5 | .4 | .3 | | | | | | | | | | | | | 22 | 27 | 4 | 3 |
| 58 56 | .2 | .3 | .5 | .5 | .3 | . | | | | | | | | | | | | 29 | 28 | 9 | 3 |
| 56 54 | .2 | .9 | .2 | 1.2 | .1 | | | | | | | | | | | | | 59 | 59 | 44 | 26 |
| 54 52 | 1.0 | .3 | . | .6 | | | | | | | | | | | | | | 85 | 85 | 55 | 49 |
| 52 50 | .8 | .6 | .9 | .5 | .1 | | | | | | | | | | | | | 128 | 128 | 108 | 71 |
| 50 48 | 3.3 | 0.2 | .6 | .3 | | | | | | | | | | | | | | 113 | 113 | 140 | 120 |
| 48 46 | 4.1 | .6 | .5 | .2 | | | | | | | | | | | | | | 124 | 124 | 109 | 145 |
| 46 44 | .2 | 6.3 | .9 | | | | | | | | | | | | | | | 109 | 109 | 128 | 132 |
| 44 42 | 2.3 | 4.8 | .3 | | | | | | | | | | | | | | | 67 | 67 | 92 | 92 |
| 42 40 | 2.2 | .5 | .3 | | | | | | | | | | | | | | | 63 | 63 | 82 | 91 |
| 40 38 | 3.1 | .3 | | | | | | | | | | | | | | | | 59 | 59 | 57 | 81 |
| 38 36 | 1.3 | .1 | | | | | | | | | | | | | | | | 25 | 25 | .6 | 50 |
| 36 34 | .1 | .1 | | | | | | | | | | | | | | | | 17 | 1 | 12 | 36 |
| 34 32 | .3 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 2 | 14 |
| 32 30 | .3 | .1 | | | | | | | | | | | | | | | | 7 | | 7 | 10 |
| 30 28 | .2 | .1 | | | | | | | | | | | | | | | | 3 | | 5 | 4 |
| 28 26 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTA | 20.5 | .1 | .5 | .4 | 1.6 | .5 | .1 | | | | | | | | | | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | < 32 F | < 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 7220485 | 8432. | 90.7 | 8.996 | 930 | | | | | | | |
| Dry Bulb | 2173792 | 44602 | 48.0 | 6.113 | 930 | | 1.0 | .1 | | | | 93 |
| Wet Bulb | 2033655 | 43187 | 46.4 | 5.505 | 930 | | 1.2 | | | | | 93 |
| Dew Point | 1927108 | 42014 | 45.2 | 5.594 | 930 | | 1.7 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

232 00 — STATION
FT LEE / FORGE C C U T OPT — STATION NAME
57-66 — YEARS
AUG — MONTH

PAGE 1 0600-0800 HOURS (L.S.T.)

| Temp. (F) | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74 73 | | | | | | | | | .2 | | | | | | | | | 2 | 2 | | |
| 70 69 | | | | | | .1 | | | | | | | | | | | | 1 | | | |
| 68 67 | | | | .1 | .3 | .2 | .3 | | .1 | | | | | | | | | 4 | 4 | | |
| 66 65 | | | | .3 | .6 | .5 | .2 | | | | | | | | | | | 14 | 14 | | |
| 64 63 | | | .1 | .2 | .1 | .3 | .1 | | | | | | | | | | | 7 | 7 | | |
| 62 61 | | .1 | .2 | .8 | .4 | .3 | | | | | | | | | | | | 31 | 31 | 2 | |
| 60 59 | | .8 | .5 | 1.1 | .4 | .4 | | | | | | | | | | | | 44 | 44 | 7 | 1 |
| 58 57 | .2 | .1 | .3 | 1.2 | .8 | .1 | | | | | | | | | | | | 52 | 52 | 35 | 15 |
| 56 55 | .7 | .3 | .4 | .5 | .3 | | | | | | | | | | | | | 86 | 86 | 56 | 33 |
| 54 53 | .4 | .7 | .3 | 1.3 | .2 | | | | | | | | | | | | | 120 | 120 | 94 | 59 |
| 52 51 | 1.9 | .8 | .6 | 1.1 | .4 | | | | | | | | | | | | | 142 | 142 | 142 | 102 |
| 50 49 | 1.9 | 1.1 | .4 | 1.0 | | | | | | | | | | | | | | 106 | 106 | 165 | 149 |
| 48 47 | .8 | .9 | .7 | .1 | | | | | | | | | | | | | | 89 | 89 | 123 | 148 |
| 46 45 | 2.6 | .7 | .6 | | | | | | | | | | | | | | | 86 | 86 | 101 | 127 |
| 44 43 | 1.3 | .9 | .4 | | | | | | | | | | | | | | | 49 | 49 | 85 | 95 |
| 42 41 | .5 | .7 | .2 | | | | | | | | | | | | | | | 39 | 39 | 51 | 90 |
| 40 39 | 1.1 | .1 | | | | | | | | | | | | | | | | 21 | 21 | 28 | 59 |
| 38 37 | .4 | .8 | | | | | | | | | | | | | | | | 11 | 11 | 17 | 25 |
| 36 35 | .1 | .1 | .2 | | | | | | | | | | | | | | | 7 | 7 | 6 | 17 |
| 34 33 | .1 | .1 | | | | | | | | | | | | | | | | 2 | | 2 | 4 |
| 32 31 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| 30 29 | | | | | | | | | | | | | | | | | | | | 1 | |
| 28 27 | | | | | | | | | | | | | | | | | | | | | 2 |
| 26 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10.1 | 4.2 | 3.2 | 6.6 | 2.6 | 1.1 | 1.0 | .4 | | .3 | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6989785 | 79805 | 85.9 | 11.896 | 930 | | | | | | | |
| Dry Bulb | 4660621 | 47527 | 51.1 | 6.378 | 930 | | .3 | 1.1 | .2 | | | 93 |
| Wet Bulb | 2222337 | 45211 | 48.6 | 5.131 | 930 | | .6 | | | | | 93 |
| Dew Point | 2050845 | 43415 | 46.7 | 5.095 | 930 | | .6 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] / [illegible] EDWARDS A F B CALIF / 57-66 / AUG
STATION / STATION NAME / YEARS / MONTH

PAGE 1 0900-1100 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82 81 | | | | | | | | | | | .1 | | | | | | | 1 | | |
| 80 79 | | | | | | | | | | .1 | .2 | | | | | | | 4 | | |
| 78 77 | | | | | | | | .1 | .3 | | .1 | | | | | | | 5 | | |
| 76 75 | | | | | | | .1 | .5 | .3 | .4 | .2 | | | | | | | 15 | 1 | |
| 74 73 | | | | | | .3 | .6 | .9 | .6 | .4 | | | | | | | | 23 | 2 | |
| 72 71 | | | | | .2 | .4 | 1.2 | 1.1 | .2 | .2 | | | | | | | | 34 | 3 | |
| 70 69 | | | | .2 | | .7 | 1.1 | .9 | .2 | | | | | | | | | 38 | 39 | |
| 68 67 | | | .1 | .3 | .6 | .4 | 1.0 | .1 | .2 | | | | | | | | | 50 | 50 | |
| 66 65 | | | .2 | .8 | .9 | 2.4 | .9 | .1 | .1 | | | | | | | | | 61 | 62 | |
| 64 63 | | | .9 | 1.4 | 2.1 | .9 | 1.3 | .3 | | | | | | | | | | 71 | 73 | 11 |
| 62 61 | | .2 | .9 | 1.8 | 2.4 | 2.3 | .8 | .1 | | | | | | | | | | 82 | 82 | 30 1 |
| 60 59 | | .3 | .4 | 2.6 | 3.2 | .2 | .4 | | | | | | | | | | | 91 | 92 | 77 8 |
| 58 57 | | .9 | 1.9 | 4.5 | 2.8 | .3 | .1 | | | | | | | | | | | 95 | 95 | 99 21 |
| 56 55 | | .4 | 1.6 | 2.8 | 2.1 | .3 | | | | | | | | | | | | 105 | 105 | 151 45 |
| 54 53 | .1 | .3 | 2.9 | 2.9 | 1.2 | .2 | | | | | | | | | | | | 102 | 102 | 138 106 |
| 52 51 | .4 | .5 | .1 | 1.2 | .5 | | | | | | | | | | | | | 81 | 81 | 148 123 |
| 50 49 | .1 | .3 | .8 | .5 | .2 | | | | | | | | | | | | | 36 | 36 | 147 168 |
| 48 47 | .1 | .1 | .1 | | .1 | | | | | | | | | | | | | 9 | 7 | 91 123 |
| 46 45 | | .5 | .6 | .1 | | | | | | | | | | | | | | 12 | 12 | 35 118 |
| 44 43 | | | | | | | | | | | | | | | | | | | | 18 90 |
| 42 41 | | | | | | | | | | | | | | | | | | | | 3 66 |
| 40 39 | | | | | | | | | | | | | | | | | | | | 2 41 |
| 38 37 | | | | | | | | | | | | | | | | | | | | 8 |
| 36 35 | | | | | | | | | | | | | | | | | | | | 8 |
| 34 33 | | | | | | | | | | | | | | | | | | | | 3 |
| 32 31 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.0 | 1.1 | 17.1 | 18.7 | 18.0 | 14.1 | 7.1 | 3.4 | 2.0 | 1.0 | .8 | | | | | | | | 930 | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | < 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4527162 | 63151 | 67.9 | 10.049 | 930 | | | | | | | |
| Dry Bulb | 3347209 | 55397 | 59.6 | 7.15[illegible] | 930 | | | 17.0 | 4.8 | .4 | | 93 |
| Wet Bulb | 2627431 | 49257 | 53.0 | 4.469 | 930 | | | | | | | 93 |
| Dew Point | 2175049 | 44747 | 48.1 | 4.871 | 930 | | .1 | | | | | 93 |

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

DATA PROCESSING DIVISION
SAT
AIR WEATHER SERVICE (MAC)

# PSYCHROMETRIC SUMMARY

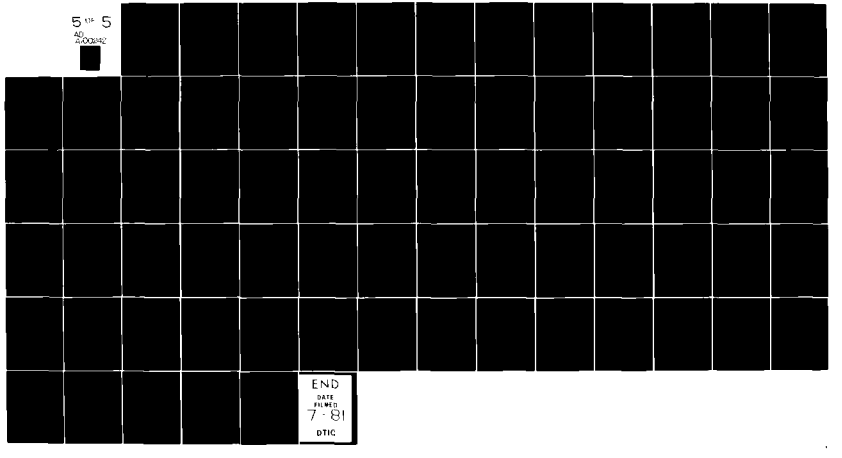
62306 — STATION
EGLIN AFB [illegible] — STATION NAME
57-66 — YEARS
OCT — MONTH
PERIOD 1200-1400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29 | 30 | ≥31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 88 | 8 | | | | | | | | | | | .2 | .2 | | | | .1 | | 5 | | | |
| 86 | 8 | | | | | | | | | | .1 | | .1 | | | | | | 2 | | | |
| 84 | 8 | | | | | | | | | | .4 | .2 | .4 | | | | | | 10 | 10 | | |
| 82 | 7 | | | | | | | | | .2 | .8 | .4 | .4 | .1 | | | | | 21 | 21 | | |
| 80 | 7 | | | | | | | .1 | .1 | .4 | .6 | .5 | | | | | | | 36 | 36 | | |
| 78 | 7 | | | | | | | .1 | .1 | .4 | .5 | .3 | | | | | | | 25 | 25 | | |
| 76 | | | | | | | .1 | .1 | .1 | .4 | .1 | | | | | | | | 11 | 11 | | |
| 74 | | | | | | .1 | .3 | .3 | .6 | .4 | .1 | | | | | | | | 24 | 24 | | |
| 72 | | | | | .1 | .1 | .3 | .3 | .4 | .3 | .1 | | | | | | | | 11 | 11 | | |
| 70 | | | | .1 | .2 | .3 | .4 | .3 | .3 | .3 | | | | | | | | | 20 | 20 | | |
| 68 | 6 | | | .1 | .2 | .3 | .4 | .4 | .2 | .2 | | | | | | | | | 17 | 17 | 1 | |
| 66 | 8 | | .1 | .4 | .5 | .9 | .6 | .4 | .2 | .1 | | | | | | | | | 35 | 35 | 10 | |
| 64 | 7 | | .2 | .4 | .6 | .8 | 1.2 | .6 | | | | | | | | | | | 34 | 34 | 14 | |
| 62 | 6 | | .1 | .9 | .7 | 2.2 | 1.5 | .6 | | | | | | | | | | | 43 | 43 | 42 | 1 |
| 60 | 5 | | .3 | .8 | .7 | .7 | 1.0 | | | | | | | | | | | | 32 | 32 | 104 | 6 |
| 58 | 5 | | .2 | 1.1 | .8 | 1.3 | | | | | | | | | | | | | 64 | 64 | 120 | 27 |
| 56 | 5 | | .2 | 1.1 | 2.2 | .9 | .2 | | | | | | | | | | | | 77 | 77 | 136 | 51 |
| 54 | 5 | | .3 | .2 | .6 | .3 | | | | | | | | | | | | | 57 | 57 | 148 | 81 |
| 52 | 5 | | .3 | .9 | .5 | .3 | | | | | | | | | | | | | 31 | 31 | 127 | 127 |
| 50 | 4 | | .2 | .2 | | | | | | | | | | | | | | | 13 | 13 | 99 | 127 |
| 48 | 3 | | .2 | .1 | | | | | | | | | | | | | | | 6 | 6 | 74 | 130 |
| 46 | 3 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 23 | 119 |
| 44 | 2 | | | | | | | | | | | | | | | | | | | | 7 | 88 |
| 42 | 1 | | | | | | | | | | | | | | | | | | | | | 71 |
| 40 | 1 | | | | | | | | | | | | | | | | | | | | | 41 |
| 38 | 1 | | | | | | | | | | | | | | | | | | | | | 29 |
| 36 | 1 | | | | | | | | | | | | | | | | | | | | | 22 |
| 34 | 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 32 | 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | .1 | .5 | .4 | 1.2 | .9 | 1.9 | 1.2 | .3 | .4 | .4 | .5 | 1.6 | 1.4 | .1 | | | .1 | | 930 | | 930 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 211681 | 51295 | 55.9 | 14.17 | 930 | | | | | | | |
| Dry Bulb | 008227 | 60531 | 65.1 | 8.583 | 930 | | | 30.1 | 2.4 | 5.5 | | 93 |
| Wet Bulb | 820321 | 51 [illegible] | 54.9 | 8.554 | 930 | | | .1 | | | | 93 |
| Dew Point | 121.63 | 41263 | 47.4 | 9.469 | 930 | | .1 | | | | | 93 |

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

AD-A100 242 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
PRINCE GEORGE APT, BRITISH COLUMBIA, CANADA, REVISED UNIFORM SU--ETC(U)
NOV 71
UNCLASSIFIED USAFETAC/DS-81/037 SBIE-AD-E850 064 NL



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[redacted] STATION | [redacted] STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 1500-1700 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B | TOTAL W.B | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 92 | [redacted] | | | | | | | | | | | | .1 | .2 | | | .1 | 4 | | | | |
| 90 | 89 | | | | | | | | | | | | .2 | .2 | | | | 6 | | | | |
| 88 | [redacted] | | | | | | | | | | .1 | .1 | .1 | .2 | | | | 9 | | | | |
| 86 | [redacted] | | | | | | | | | .1 | .1 | .3 | 1.4 | .5 | | | | 15 | 15 | | | |
| 84 | [redacted] | | | | | | | | .2 | .3 | .3 | .3 | .3 | | | | | 29 | 29 | | | |
| 82 | 81 | | | | | | | .4 | .3 | .5 | 2.2 | .4 | .6 | | | | | 49 | 49 | | | |
| 80 | [redacted] | | | | | | | .4 | .5 | 1.3 | .9 | .4 | | | | | | 31 | 31 | | | |
| 78 | [redacted] | | | | | | | .3 | 1.1 | 1.4 | .4 | .3 | | | | | | 36 | 36 | | | |
| 76 | 75 | | | | | | .4 | .4 | 1.6 | 1.4 | .6 | .1 | | | | | | 51 | 51 | | | |
| 74 | [redacted] | | | | | .1 | .2 | 1.1 | .9 | .4 | .1 | .1 | | | | | | 49 | 49 | | | |
| 72 | 69 | | | | | .4 | .8 | 1.6 | 1.9 | .8 | .4 | | | | | | | 61 | 61 | | | |
| 70 | [redacted] | | | | | .3 | .4 | 1.9 | 2.9 | 1.2 | .4 | | | | | | | 72 | 72 | | | |
| 68 | [redacted] | | .2 | .6 | 1.3 | .6 | 2.3 | 1.6 | .9 | | | | | | | | | 78 | 78 | 14 | | |
| 66 | [redacted] | | .1 | 1.3 | 1.7 | 1.5 | 1.4 | .9 | .1 | | | | | | | | | 65 | 65 | 28 | | |
| 64 | [redacted] | | .6 | 1.4 | 1.8 | 1.3 | 1.9 | .4 | | | | | | | | | | 82 | 82 | 64 | 3 | |
| 62 | [redacted] | .4 | .4 | .5 | .6 | .5 | .1 | .2 | | | | | | | | | | 73 | 73 | 110 | 5 | |
| 60 | 59 | .4 | .4 | .1 | 1.3 | .3 | .8 | .2 | .1 | | | | | | | | | 61 | 61 | 137 | 29 | |
| 58 | [redacted] | .5 | .4 | .5 | 1.1 | .2 | .4 | | | | | | | | | | | 50 | 50 | 158 | 53 | |
| 56 | [redacted] | .2 | .4 | .4 | .4 | .3 | | | | | | | | | | | | 38 | 38 | 137 | 82 | |
| 54 | [redacted] | | .4 | .1 | .4 | | | | | | | | | | | | | 29 | 29 | 115 | 108 | |
| 52 | [redacted] | | .4 | .4 | .2 | | | | | | | | | | | | | 14 | 14 | 98 | 123 | |
| 50 | 49 | | .3 | .2 | | | | | | | | | | | | | | 5 | 5 | 24 | 129 | |
| 48 | [redacted] | | .2 | | | | | | | | | | | | | | | 2 | 2 | 21 | 118 | |
| 46 | [redacted] | | | | | | | | | | | | | | | | | | | 4 | 67 | |
| 44 | 43 | | | | | | | | | | | | | | | | | | | | 74 | |
| 42 | [redacted] | | | | | | | | | | | | | | | | | | | | 57 | |
| 40 | [redacted] | | | | | | | | | | | | | | | | | | | | 43 | |
| 38 | 37 | | | | | | | | | | | | | | | | | | | | 21 | |
| 36 | [redacted] | | | | | | | | | | | | | | | | | | | | 8 | |
| 34 | [redacted] | | | | | | | | | | | | | | | | | | | | 8 | |
| 32 | [redacted] | | | | | | | | | | | | | | | | | | | | 2 | |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | .4 | .9 | 1.8 | 2.7 | 3.7 | 9.2 | 11.0 | 11.4 | 8.9 | 7.4 | 6.7 | 4.0 | 2.8 | 1.2 | | .3 | 930 | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [redacted]065215 | [redacted]49899 | 53.72 | [redacted].434 | 930 | | | | | | | |
| Dry Bulb | [redacted]197447 | [redacted]1307 | 66.5 | 9.385 | 930 | | | 43.3 | 25.1 | 11.4 | | 93 |
| Wet Bulb | [redacted]863399 | [redacted]1435 | 55.3 | 4.488 | 930 | | | | | | | 93 |
| Dew Point | [redacted]044787 | [redacted]4385 | 47.1 | 5.821 | 930 | | 1.0 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2520 STATION | PT CE GEORGE B C, DOT APT STATION NAME | 57-66 YEARS | AUG MONTH

PAGE 1 1800-2000 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 / 89 | | | | | | | | | | | | | | .1 | | .1 | | 2 | | | |
| 88 / 87 | | | | | | | | | | | | .1 | | | | | | 1 | | | |
| 86 / 85 | | | | | | | | | | | .1 | | .1 | | | | | 2 | | | |
| 84 / 83 | | | | | | | | | | .1 | .2 | .2 | .1 | .1 | | | | 7 | | | |
| 82 / 81 | | | | | | | | | .1 | .1 | .3 | .1 | .1 | | | | | 13 | 13 | | |
| 80 / 79 | | | | | | | | .2 | .4 | .2 | .2 | .2 | .1 | | | | | 22 | 22 | | |
| 78 / 77 | | | | | | | .2 | .1 | .6 | .2 | .6 | .2 | | | | | | 27 | 27 | | |
| 76 / 75 | | | | | | | .3 | .2 | .3 | .2 | .2 | | | | | | | 21 | 21 | | |
| 74 / 73 | | | | | | .5 | .4 | .2 | .5 | .6 | .2 | | | | | | | 29 | 29 | | |
| 72 / 71 | | | | | .3 | .3 | 1.4 | 1.1 | .4 | .2 | .2 | .1 | | | | | | 45 | 45 | | |
| 70 / 69 | | | | | .3 | .3 | 1.6 | 1.1 | .4 | .2 | .2 | | | | | | | 44 | 44 | | |
| 68 / 67 | | | .1 | .2 | 1.0 | 1.3 | .8 | 1.8 | .5 | | | | | | | | | 59 | 59 | | |
| 66 / 65 | | .1 | .2 | .6 | 1.8 | 1.4 | 1.5 | .2 | .3 | | | | | | | | | 61 | 61 | 2 | |
| 64 / 63 | | .4 | .6 | 1.2 | 1.3 | 1.3 | 1.1 | .6 | .1 | | | | | | | | | 62 | 62 | 2 | |
| 62 / 61 | | | 1.2 | 1.5 | 1.3 | .8 | .9 | .1 | | | | | | | | | | 59 | 59 | 59 | 7 |
| 60 / 59 | .1 | .4 | .9 | 2.2 | 1.9 | .6 | .8 | | | | | | | | | | | 111 | 111 | 112 | 13 |
| 58 / 57 | .1 | .4 | .5 | 1.9 | 1.7 | .5 | .1 | | | | | | | | | | | 77 | 77 | 118 | 41 |
| 56 / 55 | .1 | .1 | 1.9 | 1.8 | .5 | .1 | .1 | | | | | | | | | | | 81 | 81 | 127 | 87 |
| 54 / 53 | .1 | .5 | .3 | 1.3 | | | | | | | | | | | | | | 63 | 63 | 133 | 98 |
| 52 / 51 | .3 | .1 | .9 | .2 | | | | | | | | | | | | | | 65 | 65 | 113 | 129 |
| 50 / 49 | .4 | .1 | .1 | .2 | | | | | | | | | | | | | | 44 | 44 | 128 | 147 |
| 48 / 47 | .2 | .3 | .1 | | | | | | | | | | | | | | | 19 | 19 | 91 | 112 |
| 46 / 45 | .2 | .3 | .4 | | | | | | | | | | | | | | | 10 | 10 | 23 | 115 |
| 44 / 43 | .1 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 2 | 65 |
| 42 / 41 | | | | | | | | | | | | | | | | | | | | 4 | 49 |
| 40 / 39 | | | | | | | | | | | | | | | | | | | | | 37 |
| 38 / 37 | | | | | | | | | | | | | | | | | | | | | 15 |
| 36 / 35 | | | | | | | | | | | | | | | | | | | | | 8 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.2 | .4 | 13.2 | 12.7 | 11.6 | 9.2 | 9.1 | 6.9 | 4.4 | 3.1 | 2.9 | 1.2 | .4 | .2 | | .1 | | | 930 | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 4483 36 | 61734 | 66.42 | 20.368 | 930 | | | | | | | |
| Dry Bulb | 3629145 | 57497 | 61.8 | 8.950 | 930 | | | 27.2 | 12.4 | 3.6 | | 93 |
| Wet Bulb | 2763263 | 50501 | 54.3 | 4.749 | 930 | | | | | | | 93 |
| Dew Point | 2254137 | 45511 | 48.9 | 5.390 | 930 | | .2 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2225 — STATION
PRINCE GEORGE B C INT APT — STATION NAME
57-66 — YEARS
AUG — MONTH

PAGE 1 — 0100-2400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80 / 78 | | | | | | | | | | | | • | .1 | | | | | 2 | | | |
| 76 / 75 | | | | | | | | .1 | | | .1 | | | | | | | 3 | | | |
| 74 / 73 | | | | | | | .1 | | | | | | | | | | | 1 | | | |
| 72 / 71 | | | | | | .1 | | | | | | | | | | | | 1 | | | |
| 70 / 69 | | | | | .2 | .1 | .5 | .2 | .1 | .1 | | | | | | | | 12 | | | |
| 68 / 67 | | | .1 | | .4 | .3 | .4 | .3 | .1 | .1 | | | | | | | | 22 | 22 | | |
| 66 / 65 | | | | | .3 | .3 | .5 | .8 | | | | | | | | | | 29 | 29 | | |
| 64 / 63 | | | .6 | | .4 | .1 | .6 | .4 | | | | | | | | | | 30 | 3 | 3 | |
| 62 / 61 | | .4 | .5 | 1.6 | 1.2 | .5 | .5 | .1 | | | | | | | | | | 44 | 44 | 9 | 1 |
| 60 / 59 | | .5 | .4 | 2.2 | .7 | .2 | | .1 | | | | | | | | | | 75 | 75 | 30 | 10 |
| 58 / 57 | .1 | 2.7 | 3.1 | 1.0 | .7 | .1 | .1 | | | | | | | | | | | 74 | 74 | 61 | 31 |
| 56 / 55 | .8 | 4.8 | 4.1 | 1.9 | 1.2 | .1 | | | | | | | | | | | | 119 | 119 | 114 | 52 |
| 54 / 53 | 1.8 | 7.3 | 3.2 | .4 | .4 | | | | | | | | | | | | | 127 | 127 | 135 | 100 |
| 52 / 51 | 1.2 | 7.1 | 2.7 | .6 | .1 | | | | | | | | | | | | | 109 | 109 | 135 | 124 |
| 50 / 49 | 1.1 | 5.8 | 3.9 | .4 | .1 | | | | | | | | | | | | | 93 | 93 | 150 | 147 |
| 48 / 47 | 1.8 | 3.7 | 1.8 | .2 | | | | | | | | | | | | | | 70 | 70 | 112 | 128 |
| 46 / 45 | 1.3 | 4.9 | .5 | .1 | | | | | | | | | | | | | | 64 | 64 | 78 | 108 |
| 44 / 43 | 1.0 | .4 | | .1 | | | | | | | | | | | | | | 32 | 32 | 60 | 101 |
| 42 / 41 | .8 | .2 | .1 | | | | | | | | | | | | | | | 15 | 15 | 31 | 65 |
| 40 / 39 | .1 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 38 |
| 38 / 37 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 14 |
| 36 / 35 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |
| 34 / 33 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 10.4 | 47.4 | 21.1 | 8.4 | 5.5 | 2.7 | 2.4 | .9 | .3 | .2 | .1 | .1 | .1 | | | | | 930 | 930 | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 65033912 | 76610 | 82.4 | 14.410 | 930 | | | | | | | |
| Dry Bulb | 2758031 | 50264 | 54.0 | 6.561 | 930 | | | 4.1 | .6 | | | 93 |
| Wet Bulb | 2416991 | 47201 | 50.8 | 4.795 | 930 | | | | | | | 93 |
| Dew Point | 2187889 | 44865 | 48.2 | 5.031 | 930 | | | | | | | 93 |

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

DATA PROCESSING DIVISION
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AIR EARTH SERVICE AGCY

# PSYCHROMETRIC SUMMARY

25201 STATION | PRINCE GEORGE A C D T APT STATION NAME | 57-66 YEARS | SEP MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70 | 69 | | | | | | | | .1 | .1 | | | | | | | | 2 | | | | |
| 68 | 67 | | | | | | | .1 | | | | | | | | | | 1 | | | | |
| 64 | 63 | | | | .1 | .1 | .3 | | | | | | | | | | | 5 | | | | |
| 62 | 61 | | .1 | | .2 | | | | | | | | | | | | | 3 | | | | |
| 60 | 59 | | .4 | .4 | | .3 | .1 | | | | | | | | | | | 12 | 12 | 1 | | |
| 58 | 57 | .2 | .4 | .1 | .2 | .3 | .2 | | | | | | | | | | | 23 | 23 | 8 | 5 | |
| 56 | 55 | .4 | .3 | | .1 | .2 | .1 | | | | | | | | | | | 20 | 20 | 33 | 17 | |
| 54 | 53 | .6 | .7 | .1 | .4 | .1 | .2 | | | | | | | | | | | 36 | 36 | 46 | 23 | |
| 52 | 51 | 1.2 | .7 | .6 | .8 | .3 | | | | | | | | | | | | 59 | 59 | 36 | 19 | |
| 50 | 49 | 2.2 | 2.2 | .4 | .4 | .1 | | | | | | | | | | | | 67 | 67 | 53 | 31 | |
| 48 | 47 | 2.1 | .8 | .1 | .4 | .1 | | .1 | | | | | | | | | | 98 | 98 | 84 | 47 | |
| 46 | 45 | 2.0 | .6 | .2 | .3 | .1 | .2 | | | | | | | | | | | 111 | 111 | 101 | 72 | |
| 44 | 43 | 1.4 | .3 | .2 | .0 | | | | | | | | | | | | | 87 | 87 | 119 | 99 | |
| 42 | 41 | 1.3 | .4 | .4 | .1 | | | | | | | | | | | | | 80 | 80 | 86 | 116 | |
| 40 | 39 | 2.1 | .3 | .4 | | | | | | | | | | | | | | 73 | 73 | 102 | 107 | |
| 38 | 37 | 1.1 | .3 | .6 | | | | | | | | | | | | | | 47 | 47 | 69 | 92 | |
| 36 | 35 | .3 | .1 | .6 | | | | | | | | | | | | | | 64 | 64 | 64 | 68 | |
| 34 | 33 | 1.1 | .4 | .7 | | | | | | | | | | | | | | 30 | 30 | 39 | 58 | |
| 32 | 31 | .2 | .8 | .4 | | | | | | | | | | | | | | 28 | 28 | 26 | 28 | |
| 30 | 29 | .1 | .1 | | | | | | | | | | | | | | | 23 | 23 | 31 | 37 | |
| 28 | 27 | .8 | .2 | .2 | | | | | | | | | | | | | | 11 | 11 | 19 | 26 | |
| 26 | 25 | | .3 | | | | | | | | | | | | | | | 3 | 3 | 2 | 13 | |
| 24 | 23 | .2 | .5 | | | | | | | | | | | | | | | 7 | 7 | 8 | 8 | |
| 22 | 21 | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 5 | |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | 5 | |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | 4 | |
| TOTAL | | 23.7 | 15.8 | 5.4 | 3.8 | 1.7 | 1.2 | .1 | .2 | .1 | | | | | | | | 900 | 900 | 900 | 900 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1095.67 | 7926 | 88.1 | 11.203 | 900 | | | | | | | |
| Dry Bulb | 1773.59 | 39355 | 43.7 | 7.624 | 900 | | 7.3 | .3 | | | | 90 |
| Wet Bulb | 679.78 | 37774 | 42.0 | 6.985 | 900 | | 8.9 | | | | | 90 |
| Dew Point | 499.48 | 36136 | 40.2 | 7.364 | 900 | | 12.6 | | | | | 90 |

USAFETAC FORM 0-25-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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# PSYCHROMETRIC SUMMARY

25206 PRINCE GEORGE B C (AIRPORT) 57-66 SEP
STATION STATION NAME YEARS 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/ 0 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | |
| 66/ 63 | | | | | | | .1 | | | | | | | | | | | 1 | 1 | | |
| 62/ 61 | | | | .3 | .1 | .1 | | | | | | | | | | | | 5 | 5 | | |
| 60/ 59 | | | .3 | .1 | | | | | | | | | | | | | | 4 | 4 | | |
| 58 57 | | .3 | .4 | | .2 | .1 | | | | | | | | | | | | 15 | 15 | | |
| 56/ 55 | .1 | .1 | .1 | .1 | .1 | .2 | | | | | | | | | | | | 29 | 29 | 69 | 19 |
| 54/ 53 | .1 | .8 | .3 | .3 | .4 | | | | | | | | | | | | | 24 | 26 | 21 | 19 |
| 52/ 51 | .1 | .6 | .3 | .6 | | | | | | | | | | | | | | 36 | 36 | 22 | 18 |
| 50/ 49 | 2.1 | 1.3 | .3 | .7 | | | | | | | | | | | | | | 67 | 67 | 45 | 42 |
| 48/ 47 | 2.8 | 1.3 | .1 | .8 | | | | | | | | | | | | | | 72 | 72 | 73 | 44 |
| 46/ 45 | 3.1 | 6.2 | .7 | .1 | | | | | | | | | | | | | | 102 | 102 | 89 | 70 |
| 44/ 43 | 2.1 | 5.3 | .6 | | .2 | | | | | | | | | | | | | 85 | 85 | 106 | 86 |
| 42/ 41 | 3.1 | 5.2 | .4 | .2 | | | | | | | | | | | | | | 87 | 87 | 89 | 106 |
| 40/ 39 | 2.3 | 4.7 | .7 | | | | | | | | | | | | | | | 89 | 89 | 78 | 93 |
| 38 37 | 3.1 | 4.7 | .7 | | | | | | | | | | | | | | | 72 | 72 | 94 | 86 |
| 36 35 | 3.3 | 5.6 | .3 | | | | | | | | | | | | | | | 74 | 74 | 76 | 77 |
| 34 33 | 2.8 | 2.6 | .1 | | | | | | | | | | | | | | | 47 | 47 | 59 | 71 |
| 32 31 | 2.6 | 1.9 | .6 | | | | | | | | | | | | | | | 45 | 45 | 59 | 57 |
| 30 29 | 1.3 | 2.9 | | | | | | | | | | | | | | | | 30 | 30 | 35 | 40 |
| 28/ 27 | 1.1 | .8 | | | | | | | | | | | | | | | | 17 | 17 | 25 | 29 |
| 26/ 25 | .1 | .4 | | | | | | | | | | | | | | | | 7 | 7 | 8 | 16 |
| 24/ 23 | | .9 | | | | | | | | | | | | | | | | 8 | 8 | 2 | 8 |
| 22 21 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 10 | 6 |
| 20 19 | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 5 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 34.3 | 51.3 | 6.0 | 3.4 | 1.2 | .4 | .1 | | .1 | | | | | | | | | 900 | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 748098 | 81604 | 90.7 | 9.547 | 900 | | | | | | | |
| Dry Bulb | 630564 | 37650 | 41.8 | 7.853 | 900 | | 11.4 | .1 | | | | 90 |
| Wet Bulb | 525902 | 36466 | 40.5 | 7.336 | 900 | | 13.3 | | | | | 90 |
| Dew Point | 1428.76 | 35202 | 39.1 | 7.562 | 900 | | 16.9 | | | | | 90 |

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

DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

2520 STATION | [illegible] EGLIN AUX FLD NR STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72 | 6 | | .2 | .1 | | | | | | | | | | | | | | 3 | | | | |
| 70 | 7 | | .5 | | .1 | | | | | | | | | | | | | 5 | 5 | | | |
| 68 | 5 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | 13 | 13 | 6 | | 2 |
| 66 | 55 | .3 | .7 | .2 | .1 | .1 | | | | | | | | | | | | 27 | 27 | 17 | | 15 |
| 64 | 51 | .3 | .5 | .4 | .2 | .1 | | | | | | | | | | | | 33 | 33 | 24 | | 18 |
| 62 | 51 | 1.3 | .6 | .4 | .3 | .1 | | | | | | | | | | | | 47 | 47 | 27 | | 28 |
| 60 | 49 | 1.4 | .6 | .4 | .4 | | | | | | | | | | | | | 62 | 62 | 57 | | 33 |
| 58 | 47 | 2.1 | .5 | .1 | .2 | .1 | .1 | | | | | | | | | | | 76 | 76 | 69 | | 52 |
| 56 | 45 | 2.1 | 1.4 | .1 | .2 | | | | | | | | | | | | | 123 | 123 | 95 | | 77 |
| 54 | 43 | 2.1 | 1.3 | .3 | .2 | | | | | | | | | | | | | 83 | 83 | 113 | | 86 |
| 52 | 41 | 2.9 | .9 | .4 | .1 | | | | | | | | | | | | | 98 | 98 | 92 | | 121 |
| 50 | 39 | 2.1 | .3 | .4 | .3 | | | | | | | | | | | | | 65 | 65 | 100 | | 97 |
| 48 | 37 | 3.4 | 3.1 | .1 | | | | | | | | | | | | | | 70 | 73 | 75 | | 93 |
| 46 | 35 | 2.4 | 3.1 | .9 | | | | | | | | | | | | | | 61 | 61 | 60 | | 69 |
| 44 | 33 | .3 | .3 | .1 | | | | | | | | | | | | | | 37 | 37 | 50 | | 53 |
| 42 | 31 | 2.1 | 2.2 | .2 | | | | | | | | | | | | | | 46 | 46 | 59 | | 55 |
| 40 | 29 | .3 | .9 | .1 | | | | | | | | | | | | | | 17 | 17 | 19 | | 42 |
| 38 | 27 | .3 | .1 | .1 | | | | | | | | | | | | | | 14 | 14 | 18 | | 25 |
| 36 | 25 | .3 | .3 | | | | | | | | | | | | | | | 6 | 6 | 7 | | 15 |
| 34 | 23 | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | 3 | | 7 |
| 32 | 21 | .2 | .3 | | | | | | | | | | | | | | | 5 | 5 | 6 | | 4 |
| 30 | 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28 | 17 | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 5 |
| 26 | 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA. | | 19.9 | 4.1 | .2 | 4.8 | 1.6 | .2 | | | | | | | | | | | | 900 | | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 900 | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7316366 | 80634 | 89.6 | 7.121 | 900 | | | | | | | |
| Dry Bulb | 699084 | 38430 | 42.7 | 7.452 | 900 | | 9.2 | | | | | 90 |
| Wet Bulb | 1572136 | 37088 | 41.2 | 6.994 | 900 | | 11.3 | | | | | 90 |
| Dew Point | 1402887 | 35681 | 39.7 | 7.293 | 900 | | 15.6 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE A C DET APT STATION NAME | 67-69 YEARS | SEP 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 72/ 71 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | | | | .2 | .1 | .2 | | | | | | | | | | | 5 | 5 | | |
| 66/ 65 | | | | .2 | .4 | .2 | .2 | .1 | | | | | | | | | | 11 | 11 | | |
| 64/ 63 | | | | .5 | .5 | .9 | .3 | .1 | | | | | | | | | | 24 | 24 | 1 | |
| 62/ 61 | | .4 | .8 | .3 | 1.4 | .6 | | | | | | | | | | | | 31 | 31 | 2 | 1 |
| 60/ 59 | | .2 | .8 | 1.3 | .2 | .1 | .1 | | | | | | | | | | | 48 | 48 | 10 | 3 |
| 58/ 57 | .1 | .2 | .7 | 1.1 | .2 | .2 | .2 | | | | | | | | | | | 51 | 51 | 33 | 9 |
| 56/ 55 | .2 | .9 | .6 | .3 | .2 | .5 | | | | | | | | | | | | 76 | 76 | 26 | 26 |
| 54/ 53 | .4 | .4 | .2 | .1 | .2 | .1 | .2 | | | | | | | | | | | 81 | 81 | 61 | 20 |
| 52/ 51 | .1 | .6 | .9 | .3 | .1 | .1 | | | | | | | | | | | | 92 | 92 | 87 | 33 |
| 50/ 49 | .1 | .3 | .8 | .1 | .1 | .1 | | | | | | | | | | | | 123 | 123 | 109 | 73 |
| 48/ 47 | .2 | .6 | .3 | .2 | .8 | .3 | | | | | | | | | | | | 113 | 113 | 116 | 65 |
| 46/ 45 | .8 | .8 | .8 | .8 | .2 | .3 | | | | | | | | | | | | 102 | 102 | 143 | 100 |
| 44/ 43 | .1 | .1 | .8 | .1 | .2 | | | | | | | | | | | | | 44 | 44 | 120 | 122 |
| 42/ 41 | .1 | .9 | .1 | .1 | .2 | | | | | | | | | | | | | 32 | 32 | 74 | 124 |
| 40/ 39 | .1 | .8 | 1.1 | .2 | .2 | | | | | | | | | | | | | 28 | 28 | 43 | 88 |
| 38/ 37 | .1 | .8 | .6 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 39 | 58 |
| 36/ 35 | .1 | .3 | .7 | | | | | | | | | | | | | | | 12 | 12 | 24 | 52 |
| 34/ 33 | | .1 | .4 | .1 | | | | | | | | | | | | | | 8 | 8 | 11 | 36 |
| 32/ 31 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 15 | 30 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 5 | 24 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 13 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 1.4 | 5.2 | 12.4 | 11.5 | 5.2 | 1.3 | .2 | | | | | | | | | | | | 899 | | 899 |
| | | | | | | | | | | | | | | | | | | 899 | | 899 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5188281 | 67009 | 74.5 | 14.884 | 900 | | | | | | | |
| Dry Bulb | 3400777 | 45447 | 50.6 | 6.888 | 899 | | .4 | .7 | | | | 90 |
| Wet Bulb | 1953115 | 41559 | 46.2 | 5.962 | 899 | | 2.0 | | | | | 90 |
| Dew Point | 1044315 | 37925 | 42.2 | 7.133 | 899 | | 8.9 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

6520 STATION | PRINCE GEORGE A C BUT APT STATION NAME | 57-66 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 | | | | | |
| 78 / 73 | | | | | | | .2 | | | | | | | | | | | | 2 | | | |
| 76 / 71 | | | | | | | .1 | | | | | | | | | | | | 1 | | | |
| 74 / 73 | | | | | | .1 | .1 | .3 | | .1 | | | | | | | | | 7 | | | |
| 72 / 71 | | | | | | .4 | .6 | .3 | .4 | .1 | .1 | | | | | | | | 23 | | | |
| 70 / 69 | | | | | .1 | .8 | 1.0 | .9 | .2 | | | | | | | | | | 27 | 27 | | |
| 68 / 67 | | | | | .8 | .6 | 1.0 | 1.1 | .3 | | | | | | | | | | 48 | 48 | | |
| 66 / 65 | | .5 | .3 | .3 | .7 | .3 | 1.4 | .5 | .0 | | | | | | | | | | 45 | 45 | 2 | |
| 64 / 63 | | .3 | .1 | .2 | .4 | .4 | 2.1 | .6 | .1 | | | | | | | | | | 60 | 60 | 3 | 1 |
| 62 / 61 | | .2 | .4 | .8 | .3 | 1.0 | 1.8 | .4 | .3 | .1 | | | | | | | | | 64 | 64 | 7 | 3 |
| 60 / 59 | .1 | .6 | .3 | 1.1 | 1.1 | 1.3 | 1.2 | .2 | .1 | | | | | | | | | | 70 | 70 | 15 | 5 |
| 58 / 57 | .1 | .1 | .8 | 1.4 | 1.4 | 1.3 | 1.7 | .1 | | | | | | | | | | | 78 | 78 | 49 | 14 |
| 56 / 55 | .1 | .6 | .6 | 3.0 | 1.3 | 2.9 | .3 | .1 | | | | | | | | | | | 105 | 105 | 78 | 23 |
| 54 / 53 | | .1 | .9 | 1.9 | 4.6 | 2.4 | .6 | | | | | | | | | | | | 94 | 94 | 77 | 32 |
| 52 / 51 | | .8 | 2.0 | 1.8 | 1.8 | 1.0 | .7 | | | | | | | | | | | | 81 | 81 | 94 | 42 |
| 50 / 49 | .1 | .6 | .2 | .9 | .9 | .6 | | | | | | | | | | | | | 70 | 70 | 133 | 83 |
| 48 / 47 | .1 | .4 | 2.0 | 1.1 | 1.1 | .3 | | | | | | | | | | | | | 63 | 63 | 127 | 80 |
| 46 / 45 | .1 | .2 | .6 | .7 | .4 | .1 | | | | | | | | | | | | | 30 | 30 | 126 | 102 |
| 44 / 43 | | .4 | .3 | .3 | .1 | | | | | | | | | | | | | | 11 | 11 | 66 | 99 |
| 42 / 41 | | .4 | .1 | | .2 | | | | | | | | | | | | | | 7 | | 39 | 86 |
| 40 / 39 | | .3 | .1 | | .2 | | | | | | | | | | | | | | 6 | 6 | 38 | 81 |
| 38 / 37 | | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 12 | 72 |
| 36 35 | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 55 |
| 34 / 33 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 10 | 40 |
| 32 / 31 | | | | | | | | | | | | | | | | | | | | | | 24 |
| 30 / 29 | | | | | | | | | | | | | | | | | | | | | | 19 |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | | | 14 |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | | 13 |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 22 21 | | | | | | | | | | | | | | | | | | | | | | 7 |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 3.1 | 3.3 | 13.9 | 17.4 | 12.4 | 14.4 | 4.9 | 2.1 | .9 | .1 | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | 3665402 | 55411 | 61.6 | 16.822 | 900 | | | | | | | |
| Dry Bulb | 2941271 | 51003 | 56.7 | 7.527 | 900 | | | 10.3 | 1.0 | | | 90 |
| Wet Bulb | 2211053 | 44301 | 49.2 | 5.816 | 900 | | | | | | | 90 |
| Dew Point | 1689782 | 38408 | 42.7 | 7.519 | 900 | | 8.2 | | | | | 90 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2221 STATION | [illegible] FORCE BASE, [illegible] STATION NAME | 57-66 YEARS | SEP MONTH

PAGE 1 1500-1700 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B | TOTAL W.B | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | .4 | . | | | | | | | | | | 2 | 1 | | | |
| 76 | 2 | | | | | | | . | .1 | | .4 | | | | | | | 4 | 4 | | | |
| 74 | 7 | | | | | | .1 | .2 | .2 | .7 | .1 | .1 | | | | | | 23 | | | | |
| 72 | [illegible] | | | | | . | .7 | 1.3 | 1.0 | .7 | .1 | .2 | | | | | | 42 | 41 | | | |
| 70 | 66 | | | | | | .1 | 1.4 | 1.0 | .6 | .1 | | | | | | | 49 | 46 | | | |
| 68 | [illegible] | | | | .4 | .8 | .1 | .1 | . | .6 | .1 | | | | | | | 44 | 44 | | | |
| 66 | [illegible] | | | .4 | . | .7 | 1.2 | 1.2 | . | .7 | | | | | | | | 44 | 44 | 3 | | |
| 64 | 62 | | | .1 | .1 | .3 | .8 | 1.4 | .1 | .7 | | | | | | | | 46 | 46 | 6 | | |
| 62 | 61 | | .4 | .2 | .3 | .3 | .4 | 2.0 | 1.1 | .1 | | | | | | | | 66 | 66 | 17 | | 3 |
| 60 | 57 | . | .7 | .9 | 1.3 | .6 | .4 | 1.7 | .1 | | | | | | | | | 80 | 80 | 56 | | 9 |
| 58 | 57 | | | .1 | 1.0 | .6 | . | 1.3 | .1 | | | | | | | | | 79 | 79 | 82 | | 19 |
| 56 | 55 | | .6 | .2 | 1.3 | .4 | 2.7 | 1.8 | .1 | | | | | | | | | 94 | 94 | 94 | | 26 |
| 54 | 53 | | .1 | .8 | .4 | .3 | 2.3 | .6 | . | | | | | | | | | 85 | 85 | 78 | | 37 |
| 52 | 51 | .1 | .1 | .9 | 1.9 | 1.7 | .1 | .4 | | | | | | | | | | 88 | 88 | 119 | | 61 |
| 50 | 47 | . | .1 | .1 | .6 | .3 | .4 | .3 | | | | | | | | | | 67 | 67 | 127 | | 75 |
| 48 | 47 | | .1 | .7 | .1 | .1 | .8 | | | | | | | | | | | 34 | 34 | 131 | | 78 |
| 46 | 45 | | .1 | .9 | .4 | .1 | | | | | | | | | | | | 24 | 24 | 113 | | 80 |
| 44 | 43 | . | .4 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | 77 | | 95 |
| 42 | 41 | | .4 | .1 | .1 | .1 | | | | | | | | | | | | 9 | 9 | 68 | | 81 |
| 40 | 39 | | .1 | | | .1 | | | | | | | | | | | | 3 | 3 | 17 | | 78 |
| 38 | 37 | | .1 | | | | | | | | | | | | | | | 1 | 1 | 4 | | 69 |
| 36 | 35 | | .1 | | | | | | | | | | | | | | | 0 | 1 | 5 | | 56 |
| 34 | 33 | | | | | | | | | | | | | | | | | | | 0 | | 53 |
| 32 | 31 | | | | | | | | | | | | | | | | | | | | | 24 |
| 30 | 29 | | | | | | | | | | | | | | | | | | | | | 14 |
| 28 | 27 | | | | | | | | | | | | | | | | | | | | | 15 |
| 26 | 25 | | | | | | | | | | | | | | | | | | | | | 14 |
| 24 | 23 | | | | | | | | | | | | | | | | | | | | | 8 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 1.1 | .1 | .2 | 1.4 | 1.1 | .0 | 14.3 | 1.2 | 4.0 | 1.3 | .4 | | | | | | 900 | | 900 | | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3423[illegible] | 3430 | 59.4 | 17.99[illegible] | 900 | | | | | | | |
| Dry Bulb | 3[illegible]99[illegible]59 | 5[illegible]26[illegible] | 58.1 | 8.34 | 900 | | | 16.7 | 3.2 | | | 90 |
| Wet Bulb | 2275.20 | 4493[illegible] | 49.9 | 5.959 | 900 | | | | | | | 90 |
| Dew Point | 1707340 | 38262 | 42.8 | 7.828 | 900 | | 8.0 | | | | | 90 |

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

DATA PROCESSING DIVISION
[illegible]
[illegible]

# PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME 57-66 YEARS SEP 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | • | | | | • 1 | | | | | | | | | / | | | |
| 76 [illegible] | | | | | • | | | | • 1 | | | | | | | | | 2 | | | |
| 74 [illegible] | | | | | | - | | | | | | | | | | | | 1 | | | |
| 72 [illegible] | | | • 2 | • 2 | | • 2 | • 1 | • 2 | | | | | | | | | | 17 | | | |
| 70 [illegible] | | | • 2 | • 3 | • 4 | | • 3 | • | • 1 | | | | | | | | | 22 | 22 | 1 | |
| 68 [illegible] | | | • 6 | • 3 | | | | • 2 | | | | | | | | | | 24 | 2 | 5 | |
| 66 [illegible] | | • 6 | • 3 | • 9 | • 8 | • 3 | • | • 3 | | | | | | | | | | 38 | 38 | 3 | 5 |
| 64 [illegible] | | • 3 | • 6 | 2 • 3 | • | • 1 | • 1 | • 3 | | | | | | | | | | 37 | 5 | 24 | 8 |
| 62 [illegible] | | • 3 | • 8 | 2 • 1 | • 4 | • 0 | • | • 1 | | | | | | | | | | 73 | | • 1 | 18 |
| 60 56 | | • 1 | • 7 | 2 • 6 | • 5 | • 3 | | | | | | | | | | | | 68 | 69 | • 6 | 31 |
| 58 53 | • 1 | 1 • 4 | 2 • 2 | 2 • 3 | 1 • 2 | • 1 | • 1 | | | | | | | | | | | 68 | 68 | 63 | 24 |
| 56 51 | • 3 | 4 • 1 | • 4 | 1 • 9 | 1 • 3 | • 2 | | | | | | | | | | | | 106 | 1 | • 6 | 59 |
| 54 49 | 1 • 4 | 5 • 0 | • 7 | 2 • 2 | • 9 | • 2 | | | | | | | | | | | | 120 | 2 | 1 50 | 83 |
| 52 47 | • 7 | 6 • 6 | • 7 | 2 • 8 | • 3 | • 2 | | | | | | | | | | | | 110 | 1 | 1 46 | 92 |
| 50 45 | • 9 | 7 • 9 | • 2 | • 4 | • 2 | | | | | | | | | | | | | 59 | 5 | 118 | 117 |
| 48 43 | • 7 | 6 • 4 | • 7 | 1 • 2 | • 4 | | | | | | | | | | | | | 58 | 58 | 43 | 99 |
| 46 41 | • 1 | 3 • 4 | • 2 | • 2 | • 2 | | | | | | | | | | | | | 28 | 28 | 61 | 90 |
| 44 39 | • 1 | • 8 | • 4 | • 1 | • 1 | | | | | | | | | | | | | 19 | 1 | 45 | 80 |
| 42 37 | | • 2 | • 4 | • 2 | | | | | | | | | | | | | | 11 | 11 | 24 | 57 |
| 40 35 | | • 1 | • 1 | • 1 | | | | | | | | | | | | | | 6 | | 19 | 45 |
| 38 33 | • 2 | • 5 | • 7 | | | | | | | | | | | | | | | 13 | 14 | 13 | 30 |
| 36 31 | | | | | | | | | | | | | | | | | | | | 7 | 27 |
| 34 [illegible] | | | | | | | | | | | | | | | | | | | | 5 | 8 |
| 32 [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |
| 30 [illegible] | | | | | | | | | | | | | | | | | | | | | 8 |
| 28 [illegible] | | | | | | | | | | | | | | | | | | | | | 7 |
| 26 [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| 24 [illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| 22 [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | • 4 | 48 • 2 | 12 • 8 | 2 • 6 | 1 • 2 | 6 • 0 | • 3 | 1 • 2 | • 2 | • 1 | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 3397 48 | 8188 | 75.7 | 14.467 | 900 | | | | | | | |
| Dry Bulb | 451 76 | 46518 | 51.7 | 7.247 | 900 | | | 2.2 | .2 | | | 90 |
| Wet Bulb | 2062 11 | 42715 | 47.5 | 6.232 | 900 | | 1.2 | | | | | 90 |
| Dew Point | 1767 39 | 39347 | 43.7 | 7.248 | 900 | | 6.2 | | | | | 90 |

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

DATA PROCESSING SYSTEM
USAF ETAC
AIR [illegible] SUMMARIZATION

# PSYCHROMETRIC SUMMARY

2220 STATION | [illegible] STATION NAME | 67-68 YEARS | [illegible] MONTH

PAGE [illegible] OF [illegible] PAGES

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | TOTAL D.B. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | 1 | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | 3 | | | | | | | | | | | | | | | | |
| 82 | | | 2 | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | 1 | | | | | | | | | | | | | | | | | | | 2 |
| 78 | | 6 | 7 | 4 | 6 | 3 | | | | | | | | | | | | 36 | | | | 9 |
| 76 | | 2 | 4 | 0 | 3 | 3 | | | | | | | | | | | | 21 | 5 | | | 26 |
| 74 | | 1 | 7 | 1 | 3 | | | | | | | | | | | | | 49 | 12 | | 9 | 24 |
| 72 | | 3 | 4 | 1 | 3 | | | | | | | | | | | | | 23 | 11 | | 1 | 34 |
| 70 | 2 | 7 | 4 | 1 | 3 | | | | | | | | | | | | | 100 | 20 | | 5 | 55 |
| 68 | 1 | 4 | 4 | 1 | 1 | | | | | | | | | | | | | 127 | 31 | | 112 | 85 |
| 66 | 8 | 4 | 1 | 1 | 1 | | | | | | | | | | | | | 120 | 1 | | 19 | 93 |
| 64 | 3 | 9 | 8 | 4 | | | | | | | | | | | | | | 37 | 1 | | 10 | 94 |
| 62 | 1 | 4 | 6 | 2 | | | | | | | | | | | | | | 24 | 1 | | 14 | 118 |
| 60 | 3 | 3 | 4 | | | | | | | | | | | | | | | 53 | 1 | | 5 | 93 |
| 58 | 1 | 6 | 1 | 2 | | | | | | | | | | | | | | 11 | 1 | | 5 | 86 |
| 56 | 3 | 3 | 6 | 1 | | | | | | | | | | | | | | 27 | 2 | | 1 | 81 |
| 54 | 3 | 6 | 1 | | | | | | | | | | | | | | | 25 | 2 | | 2 | 42 |
| 52 | 2 | 1 | 4 | | | | | | | | | | | | | | | 14 | 1 | | 1 | 38 |
| 50 | 1 | 1 | 1 | | | | | | | | | | | | | | | 7 | | | 3 | 19 |
| 48 | 1 | 2 | | | | | | | | | | | | | | | | 2 | | | 1 | 10 |
| 46 | | 1 | | | | | | | | | | | | | | | | 2 | 2 | | 1 | 3 |
| 44 | 2 | 1 | | | | | | | | | | | | | | | | 1 | 1 | | 1 | 0 |
| 42 | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| 40 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOT. | [illegible] | | | | | | | | | | | | | | | | | | 900 | | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | | 9 | 0 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | [illegible] 39 | [illegible] | 85.5 | [illegible] | 900 | | | | | | | |
| Dry Bulb | 9[illegible]38 | [illegible] | 46.3 | 6.795 | 900 | | 6.6 | | | | | 9 |
| Wet Bulb | 787 02 | [illegible] | 44.1 | 8.09 | 900 | | 4.7 | | | | | 9 |
| Dew Point | 626 92 | [illegible] | 41.9 | 7.54 | 900 | | 8.8 | | | | | 9 |

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

DATA PROCESSING DIVISION
USAFETAC
WEATHER DEPENDENCY

# PSYCHROMETRIC SUMMARY

52[illegible] [illegible] FORECAST [illegible] 57-6[illegible]
STATION STATION NAME YEARS

PAGE 1 [illegible]

| Temp F | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dew P. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | 11 | | |
| 96 | | | | | | | | | | | | | | | | | | 14 | | |
| [illegible] | | | | | | | | | | | | | | | | | | [illegible] | 1 | |
| [illegible] | | | | | | | | | | | | | | | | | | 22 | 5 | |
| [illegible] | | | | | | | | | | | | | | | | | | 19 | [illegible] | 1 |
| [illegible] | | | | | | | | | | | | | | | | | | 15 | 15 | 7 |
| [illegible] | | | | | | | | | | | | | | | | | | 36 | 36 | 20 |
| [illegible] | | | | | | | | | | | | | | | | | | 46 | [illegible] | 21 |
| [illegible] | | | | | | | | | | | | | | | | | | 72 | [illegible] | 49 |
| [illegible] | | | | | | | | | | | | | | | | | | 72 | [illegible] | 62 |
| [illegible] | | | | | | | | | | | | | | | | | | 99 | [illegible] | 73 |
| 38 | | | | | | | | | | | | | | | | | | 7[illegible] | 1[illegible] | 75 |
| 36 | | | | | | | | | | | | | | | | | | 81 | 86 | 80 |
| [illegible] | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 92 |
| [illegible] | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 110 |
| [illegible] | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 96 |
| 28 | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 64 |
| [illegible] | | | | | | | | | | | | | | | | | | 109 | 76 | 61 |
| [illegible] | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 40 |
| [illegible] | | | | | | | | | | | | | | | | | | 8 | [illegible] | 29 |
| [illegible] | | | | | | | | | | | | | | | | | | 9 | [illegible] | 12 |
| [illegible] | | | | | | | | | | | | | | | | | | 7 | [illegible] | 13 |
| [illegible] | | | | | | | | | | | | | | | | | | 3 | [illegible] | 10 |
| [illegible] | | | | | | | | | | | | | | | | | | 3 | [illegible] | 4 |
| 12 | | | | | | | | | | | | | | | | | | [illegible] | 3 | 3 |
| 10 | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 2 |
| 8 | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 1 |
| 4 | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 1 |
| 2 | | | | | | | | | | | | | | | | | | [illegible] | [illegible] | 4 |
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] |
| | | | | | | | | | | | | | | | | | | 960 | 960 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7[illegible] 47 | [illegible]767 | 81.[illegible] | [illegible].00% | 93[illegible] | | | | | | | |
| Dry Bulb | 4[illegible]5[illegible]81 | [illegible]5[illegible]34 | 37.[illegible] | [illegible].13% | [illegible]3[illegible] | | 26.1 | | | | | 93 |
| Wet Bulb | 2[illegible]6[illegible]58 | [illegible]3[illegible] | 35.[illegible] | [illegible].25% | [illegible]3[illegible] | | 31.9 | | | | | 93 |
| Dew Point | [illegible]61 47 | [illegible]0[illegible]4 | 3[illegible].9 | [illegible].777 | 93[illegible] | | 45.0 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252 [illegible] STATION | [illegible] STATION NAME | 57-63 YEARS | [illegible] MONTH

PAGE 1 0300-0500 HOURS

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | | | | .1 | .1 | .1 | | | | | | | | | | | [illegible] | | |
| 58 | 57 | | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 14 | | |
| 56 | 55 | | | .1 | .1 | .1 | .1 | | | | | | | | | | | 17 | 1 | |
| 54 | 53 | | | .2 | .8 | .5 | .3 | .3 | | | | | | | | | | 20 | 21 | 2 |
| 52 | 51 | | .1 | .4 | .4 | .2 | .1 | | | | | | | | | | | 16 | 12 | 9 |
| 50 | 49 | | .2 | .9 | .9 | .5 | | | | | | | | | | | | 28 | 26 | 3 5 |
| 48 | 47 | .1 | .3 | .9 | .5 | .3 | .1 | | | | | | | | | | | 33 | 34 | 8 12 |
| 46 | 45 | .1 | .4 | .6 | .2 | | | | | | | | | | | | | 31 | 31 | 15 22 |
| 44 | 43 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | 62 | 62 | 20 33 |
| 42 | 41 | .1 | .4 | .1 | 1.0 | .3 | | | | | | | | | | | | 47 | 47 | 13 50 |
| 40 | 39 | .1 | .4 | .6 | .3 | .1 | | | | | | | | | | | | 109 | 107 | 29 70 |
| 38 | 37 | .1 | .3 | .8 | .1 | | | | | | | | | | | | | 75 | 75 | 38 60 |
| 36 | 35 | .1 | .4 | .5 | .1 | | | | | | | | | | | | | 79 | 77 | 1 7 92 |
| 34 | 33 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 75 | 75 | 5 84 |
| 32 | 31 | .1 | .2 | .3 | | | | | | | | | | | | | | 93 | 94 | 1 3 120 |
| 30 | 29 | .1 | .1 | .4 | | | | | | | | | | | | | | 84 | 84 | 12 81 |
| 28 | 27 | .1 | .2 | .2 | | | | | | | | | | | | | | 48 | 48 | 10 86 |
| 26 | 25 | .1 | .1 | | | | | | | | | | | | | | | 34 | 34 | 2 60 |
| 24 | 23 | .1 | .1 | .3 | | | | | | | | | | | | | | 18 | 18 | 5 55 |
| 22 | 21 | .1 | .1 | | | | | | | | | | | | | | | 12 | 12 | 3 26 |
| 20 | 19 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 1 13 |
| 18 | 17 | .1 | .1 | .2 | | | | | | | | | | | | | | 7 | 7 | 6 13 |
| 16 | 15 | .1 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 4 10 |
| 14 | 13 | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 8 2 |
| 12 | 11 | | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 5 |
| 10 | 9 | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 2 |
| 8 | 7 | | | | | | | | | | | | | | | | | | | 2 |
| 6 | 5 | | | | | | | | | | | | | | | | | | | 1 |
| 2 | 1 | | | | | | | | | | | | | | | | | | | 4 |
| 0 | -1 | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | | .1 .14 | .1 .11 | .7 .7 | .6 .6 | .3 .3 | .1 .1 | .1 .1 | | | | | | | | | | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
| Rel. Hum. | 687,05[illegible] | 7899 | 84.9 | 14.251 | 93[illegible] | | | | | | | |
| Dry Bulb | 334,47[illegible] | 34.4 | 36.8 | 8.928 | 93[illegible] | | 31.6 | | | | | 93 |
| Wet Bulb | 163,73[illegible] | 3240[illegible] | 34.8 | 7.629 | 930 | | 36.9 | | | | | 93 |
| Dew Point | 023,88[illegible] | 2998[illegible] | 32.2 | 7.37[illegible] | 93[illegible] | .2 | 48.2 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

25205 STATION | PRINCE GEORGE B C CIT A STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 0600-0800 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 60 | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 58 | | | | .4 | .2 | | .1 | | | | | | | | | | | 10 | 10 | | |
| 56 | | | .1 | .4 | .1 | .4 | .2 | | | | | | | | | | | 20 | 20 | | |
| 54 | | | .4 | .4 | .2 | .3 | .2 | | | | | | | | | | | 12 | 12 | 1 | |
| 52 | | .4 | .3 | .3 | .4 | .4 | | | | | | | | | | | | 13 | 13 | 11 | |
| 50 | | .6 | .1 | .5 | .2 | .2 | | | | | | | | | | | | 27 | 27 | 8 | |
| 48 | .1 | .1 | .3 | .6 | .8 | | | | | | | | | | | | | 29 | 29 | 25 | 16 |
| 46 | .3 | .2 | .2 | .4 | .2 | | | | | | | | | | | | | 49 | 49 | 35 | 25 |
| 44 | .6 | .1 | .2 | .2 | .2 | | | | | | | | | | | | | 61 | 61 | 47 | 42 |
| 42 | 1. | .3 | .4 | .4 | | | | | | | | | | | | | | 58 | 58 | 67 | 64 |
| 40 | 1.1 | .3 | .2 | .1 | .2 | | | | | | | | | | | | | 85 | 85 | 72 | 64 |
| 38 | 3.3 | .7 | .1 | .2 | | | | | | | | | | | | | | 80 | 80 | 71 | 59 |
| 36 | 2.4 | .1 | .5 | .1 | | | | | | | | | | | | | | 79 | 79 | 79 | 88 |
| 34 | 3. | .1 | .9 | .3 | | | | | | | | | | | | | | 90 | 90 | 98 | 67 |
| 32 | 3.5 | .1 | .2 | | | | | | | | | | | | | | | 84 | 84 | 91 | 114 |
| 30 | 4.3 | .2 | .1 | | | | | | | | | | | | | | | 77 | 77 | 93 | 100 |
| 28 | 2.1 | .1 | | | | | | | | | | | | | | | | 51 | 51 | 64 | 67 |
| 26 | .1 | .1 | .1 | | | | | | | | | | | | | | | 10 | 10 | 20 | 62 |
| 24 | .1 | .1 | .1 | | | | | | | | | | | | | | | 15 | 15 | 9 | 52 |
| 22 | .8 | .3 | .1 | | | | | | | | | | | | | | | 14 | 14 | 5 | 32 |
| 20 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 9 | 19 |
| 18 | .1 | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 5 | 5 |
| 16 | .3 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 5 | 7 |
| 14 | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 6 | 7 |
| 12 | .3 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 6 |
| 10 | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| 8 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOT | 20.0 | 4.1 | 5.4 | 3.1 | 3.9 | .6 | .3 | .1 | | | | | | | | | | 930 | 930 | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 692849 | 79542 | 85.6 | 12.703 | 930 | | | | | | | |
| Dry Bulb | 318643 | 34491 | 36.6 | 8.842 | 930 | | 30.9 | | | | | 93 |
| Wet Bulb | 124538 | 32271 | 34.7 | 7.091 | 930 | | 36.6 | | | | | 93 |
| Dew Point | 91502 | 29859 | 32.1 | 7.951 | 930 | | 48.5 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 STATION | PRICE GEORGE B C ( ) I APT STATION NAME | 57 60 YEARS | OCT 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66 | 01 | | | | | .1 | | .1 | | | | | | | | | | 2 | | | | |
| 64 | 63 | | | | | .1 | | | | | | | | | | | | 2 | 2 | | | |
| 62 | 61 | | | | | .1 | .3 | | | | | | | | | | | | | | | |
| 60 | 59 | | | | .2 | .3 | .2 | | | | | | | | | | | 7 | | | | |
| 58 | 57 | | | .1 | .4 | .5 | .5 | .3 | .1 | | | | | | | | | 23 | 23 | | | |
| 56 | 55 | | | | .8 | .5 | .3 | .2 | | | | | | | | | | 18 | 18 | 2 | | |
| 54 | 53 | | .2 | .2 | .5 | .4 | .2 | | | | | | | | | | | 24 | 24 | 6 | | |
| 52 | 51 | | .4 | .8 | .2 | .2 | | | | | | | | | | | | 32 | 32 | 2 | 1 | |
| 50 | 49 | .2 | .3 | .6 | 1.0 | .6 | .4 | | | | | | | | | | | 57 | 57 | 12 | 11 | |
| 48 | 47 | .3 | .7 | .4 | 1.5 | .4 | .2 | | | | | | | | | | | 54 | 54 | 11 | 20 | |
| 46 | 45 | .1 | .7 | .2 | 2.3 | .5 | .3 | | | | | | | | | | | 89 | 89 | 4 | 36 | |
| 44 | 43 | .2 | .4 | .3 | 2.3 | .2 | | | | | | | | | | | | 91 | 91 | 11 | 59 | |
| 42 | 41 | 1.2 | .7 | .1 | 1.7 | .1 | | | | | | | | | | | | 74 | 69 | 26 | 73 | |
| 40 | 39 | 1.2 | .7 | .1 | 1.8 | .1 | | | | | | | | | | | | 83 | 81 | 116 | 78 | |
| 38 | 37 | 1.2 | .3 | .7 | 1.8 | | | | | | | | | | | | | 89 | 87 | 111 | 80 | |
| 36 | 35 | 1.3 | .5 | .4 | .4 | | | | | | | | | | | | | 63 | 61 | 25 | 81 | |
| 34 | 33 | 1.3 | .2 | .1 | .3 | | | | | | | | | | | | | 54 | 51 | 2 | 116 | |
| 32 | 31 | .2 | .3 | .1 | | | | | | | | | | | | | | 53 | 51 | 115 | 95 | |
| 30 | 29 | .1 | .3 | .5 | | | | | | | | | | | | | | 29 | 29 | 4 | 72 | |
| 28 | 27 | .1 | .2 | .8 | | | | | | | | | | | | | | 23 | 23 | 54 | 66 | |
| 26 | 25 | .1 | .3 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 13 | 61 | |
| 24 | 23 | .1 | .1 | .1 | .2 | | | | | | | | | | | | | 8 | 8 | 0 | 32 | |
| 22 | 21 | | | .1 | .2 | | | | | | | | | | | | | 3 | 3 | 3 | 18 | |
| 20 | 19 | .1 | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 6 | 12 | |
| 18 | 17 | | | | | | | | | | | | | | | | | | | 3 | 8 | |
| 16 | 15 | | | | | | | | | | | | | | | | | | | 2 | | |
| 14 | 13 | | | | | | | | | | | | | | | | | | | | 3 | |
| 12 | 11 | | | | | | | | | | | | | | | | | | | | 1 | |
| 8 | 7 | | | | | | | | | | | | | | | | | | | | 1 | |
| 4 | 3 | | | | | | | | | | | | | | | | | | | | 1 | |
| 2 | 1 | | | | | | | | | | | | | | | | | | | | 2 | |
| 0 | -1 | | | | | | | | | | | | | | | | | | | | 1 | |
| -4 | -5 | | | | | | | | | | | | | | | | | | | | 2 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
STAF [illegible]
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

[illegible] PRT CT [illegible] AFB | 57-60 | OCT

STATION | STATION NAME | YEARS | MONTH

PAGE 2 0900-1100 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | | | | | | | | | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 9 0 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible]685699 | [illegible]71205 | 76.6 | 15.668 | 930 | | | | | | | |
| Dry Bulb | [illegible]059639 | 38555 | 41.5 | 8.134 | 930 | | 13.1 | | | | | 93 |
| Wet Bulb | 392919 | 35427 | 38.1 | 6.833 | 930 | | 21.8 | | | | | 93 |
| Dew Point | 131757 | 31655 | 34.0 | 7.645 | 930 | .3 | 37.5 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

[illegible] STATION | [illegible] STATION NAME | 57-66 YEARS | OCT MONTH

PAGE 1 | 1200-1400 HOURS (GMT)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] 67 | | | | | | | .1 | .1 | .1 | | | | | | | | | 4 | | | |
| 68/ 63 | | | | | | .1 | .1 | .1 | | | | | | | | | | 7 | | | |
| 66/ 61 | | | | | | .1 | .1 | .1 | | .1 | | | | | | | | 4 | | | |
| 64/ 59 | | | | | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 18 | | | |
| 62/ 57 | | | | | .1 | .5 | .6 | .3 | .1 | | | | | | | | | 15 | | | |
| 60/ 55 | | | | .6 | .4 | .4 | .8 | .1 | | | | | | | | | | 26 | | | |
| 58/ 53 | | .2 | | | .1 | .6 | .7 | .3 | | | | | | | | | | 35 | 35 | 3 | |
| 56/ 51 | | | .4 | .7 | .8 | .8 | | | | | | | | | | | | 20 | 20 | 1 | 1 |
| 54/ 49 | | .2 | .6 | 1.1 | .9 | 1.3 | .6 | .1 | | | | | | | | | | 55 | 61 | 3 | 1 |
| 52/ 47 | | .5 | .4 | 1.1 | 1.1 | 1.3 | .5 | | | | | | | | | | | 62 | 64 | 20 | 2 |
| 50/ 45 | .2 | .1 | .1 | 2.3 | 2.1 | 1.0 | .2 | | | | | | | | | | | 83 | 84 | 14 | 18 |
| 48/ 43 | .2 | .4 | .2 | 3.8 | 2.1 | 1.4 | .1 | | | | | | | | | | | 107 | 104 | 59 | 24 |
| 46/ 45 | .4 | .8 | .8 | 4.1 | 1.8 | .6 | .1 | | | | | | | | | | | 119 | 114 | 87 | 51 |
| 44/ 43 | .2 | .5 | .5 | 3.0 | 1.0 | .1 | | | | | | | | | | | | 94 | 94 | 119 | 51 |
| 42/ 41 | .2 | .8 | 1.2 | 2.4 | .7 | .2 | | | | | | | | | | | | 79 | 79 | 121 | 73 |
| 40/ 39 | 1.5 | .6 | .8 | 1.9 | .2 | | | | | | | | | | | | | 58 | 56 | 113 | 88 |
| 38/ 37 | .2 | .3 | .4 | 1.3 | | | | | | | | | | | | | | 34 | 34 | 100 | 76 |
| 36/ 35 | 1.1 | .2 | 1.1 | .6 | .1 | | | | | | | | | | | | | 36 | 36 | 68 | 103 |
| 34/ 33 | .2 | .2 | .2 | .3 | .1 | | | | | | | | | | | | | 39 | 39 | 68 | 101 |
| 32/ 31 | .2 | .1 | .2 | .1 | | | | | | | | | | | | | | 25 | 25 | 46 | 89 |
| 30/ 29 | .2 | .4 | .2 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 7 | 61 |
| 28/ 27 | | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | 10 | 52 |
| 26/ 25 | | .1 | | .1 | | | | | | | | | | | | | | 4 | 4 | 5 | 43 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 3 | 42 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 3 | 27 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 11 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | |
| -2/ -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

2520 STATION | [illegible] STATION NAME | 57-66 YEARS | GCT HOURS

PAGE 1 OF 1

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | ≥ 31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb, Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTA | [illegible] | .011 | .122 | .[illegible] | .[illegible] | .4[illegible] | 3.2 | 1.5 | .3 | .1 | | | | | | | | | 930 | 930 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible]378522 | 61502 | 66.5 | 17.709 | 930 | | | | | | | |
| Dry Bulb | [illegible]144607 | 42943 | 46.2 | 8.15[illegible] | 930 | | 4.4 | 1.1 | | | | 93 |
| Wet Bulb | 1589[illegible]5 | 37988 | 40.8 | 6.[illegible]99 | 930 | | 9.7 | | | | | 93 |
| Dew Point | 1174738 | 32263 | 34.7 | 7.728 | 930 | .2 | 34.1 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25208 STATION | PRINCE GEORGE B C CDT APT STATION NAME | 57-66 YEARS | [illegible] MONTH

PAGE 1 | 5700-1700 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | .1 | .1 | | | | | | | | | | | | | |
| 70 | .3 | | | | | | .4 | .3 | .1 | | | | | | | | | 3 | 4 | | | |
| 68 | 67 | | | | | | .3 | .4 | .1 | | | | | | | | | 7 | | | | |
| 66 | 65 | | | | | .1 | .6 | .8 | .2 | | | | | | | | | 16 | 15 | | | |
| 64 | 63 | | | | | .4 | .5 | .2 | .1 | | | | | | | | | 12 | 12 | | | |
| 62 | 61 | | | | .3 | .5 | .5 | .1 | | | | | | | | | | 17 | | | | |
| 60 | 59 | | | | .2 | .5 | .4 | .2 | | | | | | | | | | 26 | 24 | | | |
| 58 | 57 | | .2 | | .2 | .2 | .3 | .3 | | | | | | | | | | 10 | | 5 | | |
| 56 | 55 | | .2 | .2 | .3 | .3 | .9 | .3 | | | | | | | | | | 29 | 27 | 11 | | 4 |
| 54 | 53 | | .5 | .6 | .5 | .3 | .5 | 1.1 | .1 | | | | | | | | | 59 | 57 | 24 | | |
| 52 | 51 | | .4 | .1 | 1.2 | .7 | 1.1 | .2 | | | | | | | | | | 51 | 50 | 26 | | 5 |
| 50 | 49 | .3 | .5 | | 1.6 | 3.1 | 1.4 | .1 | | | | | | | | | | 80 | 80 | 46 | | 17 |
| 48 | 47 | | .2 | 2.4 | 2.6 | 2.4 | .9 | .3 | | | | | | | | | | 98 | 93 | 68 | | 20 |
| 46 | 45 | .3 | 3.3 | 2.3 | 3.1 | 2.2 | .9 | | | | | | | | | | | 110 | 111 | 88 | | 44 |
| 44 | 43 | .1 | 2.7 | 2.5 | 2.7 | 1.7 | .9 | | | | | | | | | | | 101 | 100 | 114 | | 65 |
| 42 | 41 | .4 | 2.5 | 1.9 | 1.6 | 1.1 | .1 | | | | | | | | | | | 73 | 73 | 111 | | 73 |
| 40 | 39 | .1 | .4 | .5 | 1.5 | 1.2 | | | | | | | | | | | | 74 | 77 | 118 | | 85 |
| 38 | 37 | .2 | .7 | .1 | 1.3 | .1 | | | | | | | | | | | | 38 | 38 | 100 | | 94 |
| 36 | 35 | .1 | .9 | .4 | .3 | | | | | | | | | | | | | 30 | 31 | 85 | | 101 |
| 34 | 33 | .3 | .3 | .2 | .3 | | | | | | | | | | | | | 38 | 40 | 90 | | 101 |
| 32 | 31 | .5 | .4 | .4 | .2 | .1 | | | | | | | | | | | | 15 | 15 | 40 | | 77 |
| 30 | 29 | .1 | .2 | .3 | .3 | .1 | | | | | | | | | | | | 10 | 10 | 20 | | 62 |
| 28 | 27 | .2 | .1 | | | | | | | | | | | | | | | 5 | 5 | 8 | | 43 |
| 26 | 25 | .3 | .2 | | .1 | .1 | | | | | | | | | | | | 5 | 5 | 7 | | 40 |
| 24 | 23 | | | | .1 | | | | | | | | | | | | | 1 | 1 | 4 | | 45 |
| 22 | 21 | | | | | | | | | | | | | | | | | | | 1 | | 19 |
| 20 | 19 | | | | | | | | | | | | | | | | | | | 3 | | 12 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | 1 | | 11 |
| 16 | 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14 | 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| 12 | 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10 | 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8 | 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6 | 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 4 | 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) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

2526 — STATION
[illegible] ELRGE E A OUIT APT — STATION NAME
27-66 — YEARS
OCT — 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≤ | | | | | | | | | | | | | | | | | | | | 1 |
| 0 | | | | | | | | | | | | | | | | | | | | 1 |
| ≥2 | | | | | | | | | | | | | | | | | | | | 1 |
| Total | [illegible] | 11 | 18 | 81 | 3 | 8 | 5 | 2 | | | .6 | | | | | | | 930 | 930 | 930 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1448 58 | 197 | 66.6 | 18.522 | 930 | | | | | | | |
| Dry Bulb | 406417 | 43129 | 46.4 | 8.357 | 930 | | 3.6 | 1.2 | | | | 93 |
| Wet Bulb | 1002307 | 38124 | 41.0 | 9.198 | 930 | | 8.6 | | | | | 93 |
| Dew Point | 1187063 | 32399 | 34.8 | 7.966 | 930 | .2 | 32.1 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

720 [illegible] STATION | STATION NAME | 66 YEARS | MONTH

PAGE 1 1800-2000 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 66/ 65 | | | | | | .1 | | | 1 | | | | | | | | | 2 | 2 | | |
| 64/ 63 | | | | | | .2 | .2 | .1 | | | | | | | | | | 5 | 5 | | |
| 62/ 61 | | | | | .1 | .6 | .2 | | .1 | | | | | | | | | 11 | 11 | | |
| 60/ 59 | | | | | | .4 | | .2 | | | | | | | | | | 6 | 6 | | |
| 58 57 | | | | .3 | .2 | .4 | .1 | .1 | | | | | | | | | | 12 | 12 | | |
| 56 55 | | .1 | .1 | .4 | .4 | .6 | .5 | | | | | | | | | | | 21 | 21 | 2 | |
| 54 53 | | .3 | .1 | .4 | .1 | .5 | .2 | | | | | | | | | | | 20 | 20 | 6 | 2 |
| 52 51 | .1 | .5 | .5 | 1.3 | .3 | .3 | | | | | | | | | | | | 30 | 30 | 4 | 4 |
| 50 49 | .1 | .3 | .2 | 1.0 | .2 | .3 | | | | | | | | | | | | 33 | 33 | 21 | 9 |
| 48 47 | .1 | .3 | .6 | 1.5 | .1 | .1 | | | | | | | | | | | | 62 | 62 | 42 | 18 |
| 46 45 | .1 | 1.5 | .6 | 2.5 | .3 | .5 | .1 | | | | | | | | | | | 106 | 106 | 69 | 31 |
| 44 43 | .3 | 1.1 | .1 | 1.7 | .4 | .3 | | | | | | | | | | | | 103 | 103 | 79 | 63 |
| 42 41 | 1.1 | 1.5 | 2.3 | 1.2 | .2 | | | | | | | | | | | | | 84 | 84 | 109 | 88 |
| 40 39 | .1 | 1.5 | 2.7 | .4 | | | | | | | | | | | | | | 91 | 91 | 114 | 91 |
| 38 37 | 1.1 | .5 | .7 | .6 | | | | | | | | | | | | | | 76 | 76 | 108 | 79 |
| 36 35 | .3 | .5 | .3 | .4 | | | | | | | | | | | | | | 64 | 64 | 90 | 94 |
| 34 33 | 1.1 | 1.1 | .7 | | | | | | | | | | | | | | | 72 | 72 | 85 | 98 |
| 32 31 | 1.1 | 2.6 | .7 | .1 | | | | | | | | | | | | | | 54 | 54 | 68 | 88 |
| 30 29 | .5 | 2.2 | | | | | | | | | | | | | | | | 44 | 44 | 51 | 77 |
| 28 27 | .5 | 1.0 | .1 | | | | | | | | | | | | | | | 16 | 16 | 35 | 57 |
| 26 25 | | .1 | .3 | | | | | | | | | | | | | | | 13 | 13 | 14 | 45 |
| 24 23 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | 10 | 35 |
| 22 21 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 1 | 24 |
| 20 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | 13 |
| 18 17 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 |
| 16 15 | | | | | | | | | | | | | | | | | | | | 3 | 4 |
| 14 13 | | | | | | | | | | | | | | | | | | | | 1 | |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.5 | 3.2 | 12.3 | 5.6 | 4.1 | 1.2 | .6 | .2 | | | | | | | | | | 930 | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 923569 | 12147 | 78.2 | 15.841 | 930 | | | | | | | |
| Dry Bulb | 1650.76 | 38480 | 41.4 | 7.923 | 930 | | 12.3 | | | | | 93 |
| Wet Bulb | 1401383 | 35567 | 38.2 | 6.656 | 930 | | 18.5 | | | | | 93 |
| Dew Point | 1158403 | 32073 | 34.5 | 7.503 | 930 | .2 | 35.3 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

[illegible] STATION [illegible] STATION NAME APT [illegible] YEARS [illegible] STATE

PAGE 1 [illegible] 2400
HOUR (LST)

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 64 | 6 | | | | | | | | | | | | | | | | | | 1 | | | |
| 62 | 6 | | | | | | | .5 | | .1 | | | | | | | | | 2 | | | |
| 60 | 5 | | | | | | .1 | .1 | | | | | | | | | | | 7 | | | |
| 58 | 57 | | | | | .1 | .4 | .5 | .2 | | | | | | | | | | 11 | 1 | | |
| 56 | 55 | | .1 | .1 | .4 | .4 | .1 | .2 | | | | | | | | | | | 17 | 1 | | |
| 54 | 53 | | .2 | .3 | .5 | .5 | | | | | | | | | | | | | 17 | | 9 | |
| 52 | 51 | | | .3 | .4 | .7 | .3 | | | | | | | | | | | | 18 | 1 | 5 | 2 |
| 50 | 49 | .1 | .4 | .2 | | .1 | | | | | | | | | | | | | 23 | 1 | 13 | 6 |
| 48 | 47 | .2 | .5 | .6 | .6 | .4 | .3 | | | | | | | | | | | | 48 | 1 | 16 | 13 |
| 46 | 45 | .2 | .1 | .5 | .3 | .1 | | | | | | | | | | | | | 70 | 1 | 34 | 30 |
| 44 | 43 | 1.4 | .1 | .8 | 1.2 | .5 | .2 | | | | | | | | | | | | 87 | 8 | 56 | 56 |
| 42 | 41 | 2.3 | 1.8 | .4 | .4 | .1 | | | | | | | | | | | | | 84 | 8 | 73 | 74 |
| 40 | 39 | 1.3 | .4 | .3 | .3 | | | | | | | | | | | | | | 96 | 9 | 80 | 74 |
| 38 | 37 | 1.4 | .3 | .2 | .5 | | | | | | | | | | | | | | 68 | 5 | 118 | 76 |
| 36 | 35 | 2.1 | .3 | .4 | .4 | | | | | | | | | | | | | | 65 | 3 | 115 | 82 |
| 34 | 33 | 2.5 | .2 | .5 | .2 | | | | | | | | | | | | | | 76 | 2 | 85 | 105 |
| 32 | 31 | 2.1 | .5 | .6 | | | | | | | | | | | | | | | 80 | 1 | 94 | 107 |
| 30 | 29 | 2.2 | .1 | .1 | .2 | | | | | | | | | | | | | | 58 | 1 | 73 | 67 |
| 28 | 27 | 1.1 | .1 | .1 | | | | | | | | | | | | | | | 28 | 28 | 52 | 82 |
| 26 | 25 | .7 | .3 | .2 | | | | | | | | | | | | | | | 22 | 22 | 23 | 55 |
| 24 | 23 | .4 | .3 | | | | | | | | | | | | | | | | 6 | 1 | 8 | 39 |
| 22 | 21 | .2 | .3 | .2 | | | | | | | | | | | | | | | 7 | 2 | 3 | 27 |
| 20 | 19 | | | .2 | | | | | | | | | | | | | | | 3 | 3 | 4 | 12 |
| 18 | 17 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 16 | 15 | | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 |
| 14 | 13 | | | | | | | | | | | | | | | | | | | | 3 | 3 |
| 12 | 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6 | 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4 | 4 | | | | | | | | | | | | | | | | | | | | | 1 |
| 2 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | | 18.9 | .1 | .3 | .4 | 3.2 | 2.7 | .9 | .2 | .1 | | | | | | | | | | [illegible] | | 930 |
| | | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 485[illegible]03 | 7637[illegible] | 82.1 | 15.156 | [illegible]3[illegible] | | | | | | | |
| Dry Bulb | 476[illegible]46 | 3627[illegible] | 39.[illegible] | 8.173 | [illegible]3[illegible] | | 21.7 | | | | | 93 |
| Wet Bulb | 290[illegible]42 | 3403[illegible] | 36.6 | 6.947 | 930 | | 27.0 | | | | | 93 |
| Dew Point | 094[illegible]16 | 31134 | 33.5 | 7.505 | 930 | | 41.2 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

5529 PRINCE GEORGE B C T APT 57-66 ANN
STATION STATION NAME YEARS

PLOT 0000-0200

| 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 | >30 | TOTAL DB W.B | TOTAL Dry B | Wet B | Dew P |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | | | | | | | | | | | | | | | | | | | | | |
| 48 | | | | | | | | | | | | | | | | | | | | | |
| 46 | | | | | | | | | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | | | | | | | | | |
| 42 | | | | | | | | | | | | | | | | | | | | | |
| 40 | | | | | | | | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | | | | | | | | |
| 36 | | | | | | | | | | | | | | | | | | | | | |
| 34 | | | | | | | | | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 22 | | | | | | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | | |
| 0 | | | | | | | | | | | | | | | | | | | | | |
| -2 | | | | | | | | | | | | | | | | | | | | | |
| -4 | | | | | | | | | | | | | | | | | | | | | |
| -6 | | | | | | | | | | | | | | | | | | | | | |
| -8 | | | | | | | | | | | | | | | | | | | | | |
| -10 | | | | | | | | | | | | | | | | | | | | | |
| -12 | | | | | | | | | | | | | | | | | | | | | |
| -14 | | | | | | | | | | | | | | | | | | | | | |
| -16 | | | | | | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | > 32 F | > 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

25260 — STATION
PRICE GEORGE A & W INT APT — STATION NAME
57-60 — YEARS
NOV — MONTH

PAGE 2 — 0000-0200 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥18 | 1 | | | | | | | | | | | | | | | | | 2 | 2 3 |
| -20 | 2 | | | | | | | | | | | | | | | | | 3 | 3 5 |
| -22 | 1 | | | | | | | | | | | | | | | | | 1 | 1 |
| -24 | 2 | | | | | | | | | | | | | | | | | 2 | 2 2 |
| -26 | 5 | | | | | | | | | | | | | | | | | | 5 |
| -28 | 1 | | | | | | | | | | | | | | | | | | 1 |
| TOT. | 891 | 4 | 1 | 0 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 900 | 900 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 66/506 | 76874 | 85.4 | 11.05 | 900 | | | | | | | |
| Dry Bulb | 713 58 | 22611 | 25.0 | 12.92 | 900 | 5.4 | 64.4 | | | | | 90 |
| Wet Bulb | 647 46 | 21402 | 23.8 | 12.275 | 900 | 5.7 | 70.8 | | | | | 90 |
| Dew Point | 550/3 | 18934 | 21.0 | 12.62 | 900 | 7.9 | 78.0 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] [illegible] ENGLE [illegible] [illegible] AFB 66
STATION STATION NAME YEARS

PART I 3[illegible]-1500

| 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 Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥80 | | | | | | | | | | | | | | | | | | | | |
| 76-79 | | | | .3 | .2 | | | | | | | | | | | | | 3 | 3 | 3 |
| 72-75 | | | | .2 | .2 | | | | | | | | | | | | | 5 | | |
| 68-71 | | | | .6 | .4 | | | | | | | | | | | | | 6 | 3 | 2 |
| 64-67 | | | .3 | .8 | .2 | | | | | | | | | | | | | 34 | 9 | 12 |
| 60-63 | | .2 | .8 | .8 | | | | | | | | | | | | | | 41 | | 16 |
| 56-59 | | .3 | .8 | .3 | | | | | | | | | | | | | | 44 | | 18 |
| 52-55 | .2 | .6 | .6 | | | | | | | | | | | | | | | 22 | 22 | 32 |
| 48-51 | 6. | .8 | .2 | | | | | | | | | | | | | | | 122 | 23 | 1 17 89 |
| 44-47 | 3. | .8 | .1 | | | | | | | | | | | | | | | 88 | 28 | 1 15 80 |
| 40-43 | .3 | .7 | | | | | | | | | | | | | | | | 81 | 8 | 22 81 |
| 36-39 | .3 | .7 | .4 | | | | | | | | | | | | | | | 65 | [illegible] | [illegible] 78 |
| 32-35 | 2. | .6 | | | | | | | | | | | | | | | | 17 | 2 | 1 56 |
| 28-31 | 1.2 | .2 | | | | | | | | | | | | | | | | 10 | | 9 59 |
| 24-27 | 1.2 | .2 | | | | | | | | | | | | | | | | 14 | 1 | 1 46 |
| 20-23 | 1.1 | .3 | | | | | | | | | | | | | | | | 13 | 4 | 6 49 |
| 16-19 | 1.3 | .3 | | | | | | | | | | | | | | | | 8 | | 4 50 |
| 12-15 | 1.5 | .3 | | | | | | | | | | | | | | | | 18 | | 3 34 |
| 8-11 | 1.4 | .2 | | | | | | | | | | | | | | | | 16 | 2 | 2 18 |
| 4-7 | 1.2 | .2 | | | | | | | | | | | | | | | | 16 | 3 | 3 13 |
| 0-3 | 1.2 | .3 | | | | | | | | | | | | | | | | 15 | | 2 13 |
| -4-(-1) | 1.2 | .3 | | | | | | | | | | | | | | | | 14 | 1 | 3 17 |
| -8-(-5) | .9 | .2 | | | | | | | | | | | | | | | | 12 | 1 | 1 8 20 |
| -12-(-9) | .5 | .2 | | | | | | | | | | | | | | | | 5 | 2 | 5 10 |
| -16-(-13) | .2 | .1 | | | | | | | | | | | | | | | | 12 | 1 | 10 14 |
| -20-(-17) | .2 | .1 | | | | | | | | | | | | | | | | 12 | 1 | 14 6 |
| -24-(-21) | .1 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 7 13 |
| -28-(-25) | .1 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 8 5 |
| -32-(-29) | .1 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 7 8 |
| -36-(-33) | .1 | .1 | | | | | | | | | | | | | | | | 7 | 1 | 6 8 |
| -40-(-37) | .1 | | | | | | | | | | | | | | | | | 4 | 1 | 4 11 |
| -44-(-41) | .1 | | | | | | | | | | | | | | | | | 3 | 1 | 3 6 |
| -48-(-45) | | | | | | | | | | | | | | | | | | | | 3 |
| -52-(-49) | | | | | | | | | | | | | | | | | | 1 | 1 | 1 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 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

# PSYCHROMETRIC SUMMARY

PAGE 2 03 0-0300

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 22 | | | | | | | | | | | | | | | | | | | | | 3 |
| 24 | | | | | | | | | | | | | | | | | | | | | |
| 26 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30 | | | | | | | | | | | | | | | | | | | | | 1 |
| 32 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOT | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 719.54 | 77188 | 85.1 | 11.503 | 900 | | | | | | | |
| Dry Bulb | 6802.84 | 21958 | 24.3 | 12.092 | 900 | 0.6 | 67.6 | | | | | 90 |
| Wet Bulb | 4721.91 | 20115 | 22.2 | 12.288 | 900 | 0.6 | 72.7 | | | | | 90 |
| Dew Point | 529.72 | 18 | 20.4 | 13.246 | 900 | 8.4 | 79.7 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

652W — STATION — [illegible] AFB — STATION NAME — 57 66 — YEARS

PART 0600-0800

| 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 DB | TOTAL WB | TOTAL Dep. B | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| >5 | | | | | | | | | | | | | | | | | | 1 | | | | |
| 46/ | | | | | | | | | | | | | | | | | | 6 | | | | 3 |
| 44/ | | | | | | | | | | | | | | | | | | 5 | | | | |
| 42/ | | | | | | | | | | | | | | | | | | 3 | | | | |
| 40/ | | | | | | | | | | | | | | | | | | 26 | | | | 4 |
| 38/ | | | | | | | | | | | | | | | | | | 34 | | | | 17 |
| 36/ | | | | | | | | | | | | | | | | | | 32 | | | | 16 |
| 34/ | | | | | | | | | | | | | | | | | | 67 | | | | 42 |
| 32/ | | | | | | | | | | | | | | | | | | 136 | | | | 86 |
| 30/ | | | | | | | | | | | | | | | | | | 66 | | | | 96 |
| 28/ | | | | | | | | | | | | | | | | | | 65 | | | | 79 |
| 26/ | | | | | | | | | | | | | | | | | | 59 | | | | 62 |
| 24/ | | | | | | | | | | | | | | | | | | 10 | | | | 69 |
| 22/ | | | | | | | | | | | | | | | | | | 34 | | | | 46 |
| 20/ | | | | | | | | | | | | | | | | | | 42 | | | | 64 |
| 18/ | | | | | | | | | | | | | | | | | | 24 | | | | 47 |
| 16/ | | | | | | | | | | | | | | | | | | 41 | | | | 38 |
| 14/ | | | | | | | | | | | | | | | | | | 23 | | | | 40 |
| 12/ | | | | | | | | | | | | | | | | | | 17 | | | | 22 |
| 10/ | | | | | | | | | | | | | | | | | | 17 | | | | 20 |
| 8/ | | | | | | | | | | | | | | | | | | 22 | | | | 13 |
| 6/ | | | | | | | | | | | | | | | | | | 7 | | | | 19 |
| 4/ | | | | | | | | | | | | | | | | | | 10 | | | | 16 |
| 2/ | | | | | | | | | | | | | | | | | | 7 | | | | 10 |
| 0/ | | | | | | | | | | | | | | | | | | 16 | | | | 8 |
| -2/ | | | | | | | | | | | | | | | | | | 11 | | | | 13 |
| -4/ | | | | | | | | | | | | | | | | | | 11 | | | | 7 |
| -6/ | | | | | | | | | | | | | | | | | | 15 | | | | 14 |
| -8/ | | | | | | | | | | | | | | | | | | 6 | | | | 9 |
| -10/ | | | | | | | | | | | | | | | | | | 2 | | | | 13 |
| -12/ | | | | | | | | | | | | | | | | | | 3 | | | | 10 |
| -14/ | | | | | | | | | | | | | | | | | | 2 | | | | 6 |
| -16/ | | | | | | | | | | | | | | | | | | | | | | 2 |
| -18/ | | | | | | | | | | | | | | | | | | 1 | | | | 1 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA ACCESS AND DISSEMINATION
USAF ETAC
AIR WEATHER SERVICE (MAC)

# PSYCHROMETRIC SUMMARY

2520 — STATION
[illegible] GEORGE AFB, CALIF APT — STATION NAME
57-66 — YEARS
MO. — MONTH
DATE 06 0800 — TIME (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 20-21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22-23 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 24-25 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 26-27 | | | | | | | | | | | | | | | | | | | | | 3 |
| 25-29 | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | [illegible] | .7 | .2 | 3.2 | .1 | .3 | | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 7,8[illegible]19 | 77115 | 85.7 | 1 .391 | [illegible]0 | | | | | | | |
| Dry Bulb | 654[illegible]64 | [illegible]1358 | 23.7 | 17.831 | 90 | | .3 | 70.4 | | | | 90 |
| Wet Bulb | 296505 | 20409 | 22.7 | 12.209 | 900 | | .3 | 79.1 | | | | 90 |
| Dew Point | 504 63 | 17887 | 19.9 | 12.886 | 900 | | .1 | 81.8 | | | | 90 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF [illegible]
AIR [illegible] WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25230 — STATION
PRINCE GEORGE B. C. INT APT — STATION NAME
57-66 — YEARS
JUN — 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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 | | .1 | .1 | | | | | | | | | | | | | | | 2 | | | | |
| 48 | | .2 | .2 | .2 | .3 | | | | | | | | | | | | | 4 | | | 3 | 2 |
| 46 | | .3 | | .6 | .4 | | | | | | | | | | | | | 11 | 11 | 5 | 4 | 1 |
| 44 | | .3 | .9 | .4 | .4 | | | | | | | | | | | | | 19 | 19 | 6 | 6 | 3 |
| 42 | | .4 | .5 | .5 | .4 | | | | | | | | | | | | | 22 | 22 | 7 | 7 | 3 |
| 40 | | .2 | .8 | .6 | .6 | | | | | | | | | | | | | 19 | 19 | 6 | 6 | 7 |
| 38 | | .3 | .5 | .5 | | | | | | | | | | | | | | 9 | 9 | 6 | 6 | 13 |
| 36 | | .3 | .6 | .6 | .3 | | | | | | | | | | | | | 60 | 60 | 9 | 9 | 21 |
| 34 | | .3 | .4 | .4 | | | | | | | | | | | | | | 86 | 86 | 18 | 18 | 53 |
| 32 | | .1 | .2 | .2 | | | | | | | | | | | | | | 134 | 134 | 37 | 37 | 92 |
| 30 | | .1 | .6 | | | | | | | | | | | | | | | 74 | 74 | 12 | 12 | 95 |
| 28 | | .1 | .6 | | | | | | | | | | | | | | | 68 | 68 | 8 | 8 | 77 |
| 26 | | .1 | .6 | | | | | | | | | | | | | | | 42 | 42 | 5 | 5 | 77 |
| 24 | | .2 | | | | | | | | | | | | | | | | 36 | 36 | 32 | 32 | 65 |
| 22 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | 47 | 47 | 59 | 59 | 58 |
| 20 | .1 | .2 | .4 | | | | | | | | | | | | | | | 25 | 25 | 50 | 50 | 56 |
| 18 | .1 | .1 | | | | | | | | | | | | | | | | 33 | 33 | 50 | 50 | 48 |
| 16 | .1 | .1 | | | | | | | | | | | | | | | | 19 | 19 | 23 | 23 | 36 |
| 14 | .1 | .1 | .1 | | | | | | | | | | | | | | | 19 | 19 | 6 | 6 | 31 |
| 12 | .1 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 19 | 19 | 14 |
| 10 | | .1 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 15 | 14 |
| 8 | | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 11 | 15 |
| 6 | | .1 | | | | | | | | | | | | | | | | 8 | 8 | 5 | 5 | 16 |
| 4 | .1 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 18 | 18 | 13 |
| 2 | | .1 | | | | | | | | | | | | | | | | 14 | 14 | 11 | 11 | 6 |
| 0 | | .1 | | | | | | | | | | | | | | | | 11 | 11 | 13 | 13 | 14 |
| -2 | .1 | .2 | | | | | | | | | | | | | | | | 11 | 11 | 13 | 13 | 8 |
| -4 | | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 5 | 5 | 12 |
| -6 | | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 8 | 8 | 15 |
| -8 | | .1 | .1 | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 10 |
| -10 | .1 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 4 | 7 |
| -12 | .1 | .1 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 3 | 4 |
| -14 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 6 |
| -16 | .1 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C D F AFT STATION NAME | 57-66 YEARS | NOV MONTH

PAGE 2 19[illegible]-1100 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -[illegible] | | | | | | | | | | | | | | | | | | | | | 1 |
| -20/ -[illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| -22 -[illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| -24/ -25 | | | | | | | | | | | | | | | | | | | | | |
| -26 -[illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | [illegible] | | 900 | 900 | 900 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible]144662 | [illegible]73599 | 81.811.846 | | 900 | | | | | | | |
| Dry Bulb | 70,729 | 23624 | 26.3 | 2.543 | 900 | 0.0 | 60.3 | | | | | 90 |
| Wet Bulb | 669448 | 22180 | 24.711.675 | | 900 | 2.4 | 69.8 | | | | | 90 |
| Dew Point | 540774 | [illegible]9951 | 21.2 | 2.769 | 900 | 8.4 | 79.7 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25230 STATION | [illegible] STATION NAME | 57 66 YEARS | NOV MONTH

PART I 1200-1500 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 | 30 | ≥ 31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 / 55 | | | | • | | | | | | | | | | | | | | | 1 | 1 | | |
| 54 / 53 | | | • 1 | | • | | | | | | | | | | | | | | 2 | | | |
| 52 / 51 | | • 2 | | • 2 | • 1 | | | | | | | | | | | | | | 7 | | | |
| 50 / 49 | | • 1 | | • 1 | • 1 | • 2 | | | | | | | | | | | | | 5 | | 4 | |
| 48 / 47 | | • 1 | • 5 | • 7 | • 5 | • 2 | | | | | | | | | | | | | 21 | 21 | 1 | 2 |
| 46 / 45 | | • 3 | • 4 | • 6 | • 7 | | | | | | | | | | | | | | 18 | 18 | 6 | 3 |
| 44 / 43 | • 1 | • 4 | 1 • 2 | • 2 | 1 • 3 | • 1 | | | | | | | | | | | | | 39 | 39 | 13 | 4 |
| 42 / 41 | | • 1 | • 1 | 1 • 2 | 1 • 2 | • 1 | | | | | | | | | | | | | 41 | 41 | 16 | 4 |
| 40 / 39 | • 1 | 2 • 1 | • 6 | • 6 | • 2 | | | | | | | | | | | | | | 38 | 38 | 43 | 9 |
| 38 / 37 | • 1 | • 4 | • 9 | 2 • 4 | • 2 | | | | | | | | | | | | | | 57 | 57 | 50 | 26 |
| 36 / 35 | • 1 | 3 • 2 | 1 • 0 | 1 • 2 | • 2 | | | | | | | | | | | | | | 81 | 81 | 64 | 30 |
| 34 / 33 | 2 • 3 | 3 • 2 | • 9 | • 4 | | | | | | | | | | | | | | | 125 | 125 | 115 | 63 |
| 32 / 31 | 2 • 1 | 4 • 1 | • 1 | • 3 | | | | | | | | | | | | | | | 91 | 91 | 136 | 91 |
| 30 / 29 | • 1 | 3 • 7 | • 9 | • 3 | | | | | | | | | | | | | | | 59 | 59 | 89 | 100 |
| 28 / 27 | • 3 | 1 • 3 | • | | | | | | | | | | | | | | | | 46 | 46 | 58 | 81 |
| 26 / 25 | • 1 | 2 • 7 | • 4 | | | | | | | | | | | | | | | | 42 | 42 | 52 | 92 |
| 24 / 23 | • 1 | • | • 4 | | | | | | | | | | | | | | | | 26 | 26 | 41 | 64 |
| 22 / 21 | • | • 3 | • 4 | | | | | | | | | | | | | | | | 21 | 21 | 20 | 61 |
| 20 / 19 | • 1 | • 3 | • 1 | | | | | | | | | | | | | | | | 25 | 25 | 24 | 48 |
| 18 / 17 | • 8 | 1 • 2 | • 2 | | | | | | | | | | | | | | | | 20 | 20 | 23 | 38 |
| 16 / 15 | • 2 | • 1 | | | | | | | | | | | | | | | | | 12 | 12 | 15 | 31 |
| 14 / 13 | • 9 | • 8 | | | | | | | | | | | | | | | | | 14 | 14 | 17 | 8 |
| 12 / 11 | • 1 | 1 • 2 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 9 |
| 10 / 9 | • 1 | • 3 | | | | | | | | | | | | | | | | | 7 | 7 | 11 | 22 |
| 8 / 7 | • 1 | • 5 | | | | | | | | | | | | | | | | | 9 | 9 | 8 | 19 |
| 6 / 5 | • 1 | • 3 | | | | | | | | | | | | | | | | | 16 | 16 | 10 | 13 |
| 4 / 3 | • 2 | • 7 | | | | | | | | | | | | | | | | | 8 | 8 | 11 | 10 |
| 2 / 1 | • 1 | • 7 | | | | | | | | | | | | | | | | | 10 | 10 | 11 | 8 |
| 0 / -1 | 1 • 1 | • 2 | | | | | | | | | | | | | | | | | 13 | 13 | 16 | 6 |
| -2 / -3 | • 1 | • 3 | | | | | | | | | | | | | | | | | 9 | 9 | 7 | 2 |
| -4 / -5 | • 1 | • 1 | | | | | | | | | | | | | | | | | 5 | 5 | 8 | 19 |
| -6 / -7 | • 1 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 12 |
| -8 / -9 | • 2 | • 1 | | | | | | | | | | | | | | | | | 3 | | 3 | 10 |
| -10 / -11 | | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

4520 PRINCE GEORGE [illegible] AFT 61-66 JAN
STATION STATION NAME YEARS MONTH

PAGE 2 12:00-1:00

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -12/-13 | | | | | | | | | | | | | | | | | | | | 5 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | 4 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | [illegible] | | | | | | | | | | | | | | | | | | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | > 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 5429074 | 68874 | 76.5 | 13.298 | 900 | | | | | | | |
| Dry Bulb | 927.93 | 26.77 | 29.8 | 12.63 | 900 | 3.3 | 44.5 | | | | | 90 |
| Wet Bulb | 778056 | 24588 | 27.31 | .915 | 900 | 3.7 | 58.9 | | | | | 90 |
| Dew Point | 594.11 | 20607 | 22.91 | 1.658 | 900 | 6.4 | 75.9 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE A C T APT STATION NAME | 57-63 YEARS | JUL MONTH

DAY 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 56 55 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 54 53 | | | .2 | | | | | | | | | | | | | | | 2 | 2 | | |
| 52 51 | | .2 | | | | .1 | | | | | | | | | | | | 3 | 3 | | |
| 50 49 | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | 3 | |
| 48 47 | | .3 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 13 | 13 | 1 | 3 |
| 46 45 | | .3 | .6 | .3 | 1.1 | | | | | | | | | | | | | 11 | 11 | 7 | 3 |
| 44 43 | | .1 | .9 | .6 | .4 | .1 | | | | | | | | | | | | 22 | 22 | 9 | 5 |
| 42 41 | | .1 | .7 | 1.0 | .3 | | | | | | | | | | | | | 23 | 20 | 9 | 5 |
| 40 39 | .3 | .7 | 2.1 | 1.4 | .1 | | | | | | | | | | | | | 55 | 55 | 9 | 9 |
| 38 37 | .9 | .4 | .8 | .3 | | | | | | | | | | | | | | 47 | 47 | 15 | 23 |
| 36 35 | 1.1 | .7 | 2.1 | 1.2 | | | | | | | | | | | | | | 91 | 91 | 27 | 35 |
| 34 33 | 3.0 | 1.4 | 3.2 | .6 | | | | | | | | | | | | | | 122 | 122 | 47 | 71 |
| 32 31 | 3.1 | .2 | 2.3 | .2 | | | | | | | | | | | | | | 111 | 111 | 114 | 101 |
| 30 29 | 1.3 | 1.7 | .8 | .3 | | | | | | | | | | | | | | 64 | 6 | 12 | 90 |
| 28 27 | 1.3 | 1.2 | .3 | .1 | | | | | | | | | | | | | | 54 | 54 | 65 | 70 |
| 26 25 | .1 | .1 | .4 | | | | | | | | | | | | | | | 24 | 24 | 42 | 74 |
| 24 23 | 1.4 | .3 | .7 | .1 | | | | | | | | | | | | | | 32 | 32 | 44 | 53 |
| 22 21 | 1.1 | .2 | .3 | | | | | | | | | | | | | | | 42 | 42 | 33 | 56 |
| 20 19 | .7 | .1 | .2 | | | | | | | | | | | | | | | 22 | 22 | 33 | 51 |
| 18 17 | .1 | .1 | | | | | | | | | | | | | | | | 13 | 13 | 21 | 35 |
| 16 15 | .3 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 29 |
| 14 13 | .1 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 13 | 22 |
| 12 11 | .4 | .0 | | | | | | | | | | | | | | | | 12 | 12 | 12 | 17 |
| 10 9 | 1.1 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 18 | 15 |
| 8 7 | .3 | .3 | | | | | | | | | | | | | | | | 16 | 16 | 12 | 17 |
| 6 5 | .1 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 18 |
| 4 3 | 1.1 | .3 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 8 |
| 2 1 | .1 | .3 | | | | | | | | | | | | | | | | 11 | 11 | 8 | 5 |
| 0 -1 | .1 | .0 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 17 |
| -2 -3 | .2 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 7 | 10 |
| -4 -5 | .1 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 6 |
| -6 -7 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 9 |
| -8 -9 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 6 |
| -10 -11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | TRIPLE CHARGE G C DET APT STATION NAME | 57-66 YEARS | NOV 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. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -12 -13 | | | | | | | | | | | | | | | | | | | | 5 |
| -14 -15 | | | | | | | | | | | | | | | | | | | | 4 |
| 16-17 | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.9 | .2 | .1 | .9 | .4 | .0 | | | | | | | | | | | | 900 | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 587615 | 7171 | 79.7 | 13.472 | 900 | | | | | | | |
| Dry Bulb | 875183 | 26011 | 28.9 | 11.727 | 900 | 3.3 | 40.1 | | | | | 90 |
| Wet Bulb | 756107 | 24215 | 26.91 | 11.786 | 900 | 3.6 | 60.0 | | | | | 90 |
| Dew Point | 600191 | 20739 | 23.0 | 11.668 | 900 | 3.5 | 74.6 | | | | | 90 |

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

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25200 — STATION
PRINCE GEORGE B C INT APT — STATION NAME
57-60 — YEARS
NOV — 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 | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 50 49 | | .2 | | .1 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 48 47 | | .3 | .0 | | | | | | | | | | | | | | | 7 | | 4 | |
| 46 45 | | .3 | .1 | .2 | .2 | | | | | | | | | | | | | 6 | | 4 | 4 |
| 44 43 | | .3 | .1 | .3 | .1 | | | | | | | | | | | | | 10 | 10 | 5 | 2 |
| 42 41 | .1 | .3 | .1 | .0 | .1 | | | | | | | | | | | | | 25 | 25 | 4 | 3 |
| 40 39 | .2 | .7 | .0 | .7 | .1 | | | | | | | | | | | | | 30 | 30 | 20 | 15 |
| 38 37 | .2 | .8 | .3 | .9 | .2 | | | | | | | | | | | | | 43 | 43 | 39 | 13 |
| 36 35 | 1.4 | .9 | .7 | .2 | | | | | | | | | | | | | | 60 | 60 | 51 | 25 |
| 34 33 | 2.4 | 2.1 | .3 | .4 | | | | | | | | | | | | | | 106 | 104 | 75 | 68 |
| 32 31 | 4.4 | 2.3 | .4 | .2 | | | | | | | | | | | | | | 122 | 122 | 117 | 96 |
| 30 29 | 2.7 | 1.4 | .1 | | | | | | | | | | | | | | | 82 | 82 | 109 | 86 |
| 28 27 | 1.9 | .8 | .4 | | | | | | | | | | | | | | | 73 | 73 | 75 | 86 |
| 26 25 | 1.9 | .8 | | | | | | | | | | | | | | | | 59 | 59 | 79 | 80 |
| 24 23 | 2.1 | 2.1 | .4 | | | | | | | | | | | | | | | 41 | 41 | 46 | 60 |
| 22 21 | 1.7 | 2.9 | | | | | | | | | | | | | | | | 41 | 41 | 57 | 58 |
| 20 19 | 1.1 | 1.7 | .1 | | | | | | | | | | | | | | | 26 | 26 | 42 | 47 |
| 18 17 | 1.8 | .2 | .1 | | | | | | | | | | | | | | | 23 | 23 | 29 | 38 |
| 16 15 | 1.9 | .4 | | | | | | | | | | | | | | | | 16 | 16 | 13 | 28 |
| 14 13 | .7 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 08 | 29 |
| 12 11 | 1.1 | .4 | | | | | | | | | | | | | | | | 21 | 21 | 22 | 18 |
| 10 9 | 1.1 | | | | | | | | | | | | | | | | | 12 | 12 | 3 | 20 |
| 8 7 | 1.1 | .3 | | | | | | | | | | | | | | | | 13 | 13 | 11 | 21 |
| 6 5 | .4 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 7 | 16 |
| 4 3 | 1.1 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 16 | 5 |
| 2 1 | .1 | .2 | | | | | | | | | | | | | | | | 10 | 10 | 9 | 5 |
| 0 -1 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 15 |
| -2 -3 | .1 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 5 |
| -4 -5 | .6 | .4 | | | | | | | | | | | | | | | | 11 | 11 | 10 | 15 |
| -6 -7 | .0 | | | | | | | | | | | | | | | | | 8 | 8 | 9 | 6 |
| -8 -9 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 6 |
| -10 -11 | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 6 | 7 |
| -12 -13 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 |
| -14 -15 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | |
| -16 17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| 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

25206 — STATION
PRINCE GEORGE A C CITY APT — STATION NAME
57-65 — YEARS
[illegible] — MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -18 -19 | [illegible] | | | | | | | | | | | | | | | | | 2 | 2 | 4 |
| -20 -21 | | | | | | | | | | | | | | | | | | | | 1 |
| -22 -23 | | | | | | | | | | | | | | | | | | 1 | 1 | 2 |
| -26 -27 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTA | [illegible] | | | | | | | | | | | | | | | | | 900 | | 900 |
| | | | | | | | | | | | | | | | | | | 900 | 900 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 651300[illegible] | [illegible]5913 | 84.3 | 11.97 | 900 | | | | | | | |
| Dry Bulb | 750[illegible]80 | 23[illegible]5[illegible] | 26.2 | 12.193 | 900 | 4.9 | 60.9 | | | | | 90 |
| Wet Bulb | 676/24 | 22397 | 24.9 | 11.523 | 900 | 5.0 | 70.1 | | | | | 90 |
| D[illegible] Point | 568/24 | 19694 | 21.9 | 12.387 | 900 | 7.7 | 77.0 | | | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

[illegible] STATION | PRINCE GEORGE B C INT APT STATION NAME | 57 66 YEARS | [illegible] MONTH

PAGE 1 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | > 31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | .4 | | .4 | | | | | | | | | | | | | 7 | | | |
| 48 / 47 | | .2 | .1 | | | | | | | | | | | | | | | 3 | | | |
| 46 / 45 | | .1 | | .2 | .3 | | | | | | | | | | | | | 7 | 7 | 6 | |
| 44 / 43 | | .3 | .1 | .7 | | | | | | | | | | | | | | 11 | 11 | 9 | 4 |
| 42 / 41 | .1 | .7 | .2 | .5 | .3 | | | | | | | | | | | | | 19 | 19 | 6 | 5 |
| 40 / 39 | .1 | .3 | .9 | .7 | .2 | | | | | | | | | | | | | 33 | 33 | 15 | 11 |
| 38 / 37 | .1 | .4 | .8 | .8 | | | | | | | | | | | | | | 31 | 31 | 29 | 11 |
| 36 / 35 | .1 | .5 | .2 | .1 | | | | | | | | | | | | | | 30 | 30 | 1 | 29 |
| 34 / 33 | .3 | .4 | .4 | .4 | | | | | | | | | | | | | | 32 | 32 | 17 | 53 |
| 32 / 31 | .6 | .4 | .6 | .3 | | | | | | | | | | | | | | 112 | 111 | 113 | 95 |
| 30 / 29 | .2 | .5 | .8 | | | | | | | | | | | | | | | 87 | 87 | 94 | 75 |
| 28 / 27 | .2 | .6 | .7 | | | | | | | | | | | | | | | 91 | 91 | 98 | 74 |
| 26 / 25 | .1 | .3 | | | | | | | | | | | | | | | | 69 | 69 | 73 | 72 |
| 24 / 23 | .2 | .3 | | | | | | | | | | | | | | | | 46 | 46 | 46 | 78 |
| 22 / 21 | .2 | .4 | | | | | | | | | | | | | | | | 33 | 33 | 33 | 66 |
| 20 / 19 | .1 | .2 | .1 | | | | | | | | | | | | | | | 34 | 34 | 29 | 63 |
| 18 / 17 | .1 | .4 | | | | | | | | | | | | | | | | 24 | 24 | 23 | 34 |
| 16 / 15 | .1 | .3 | .1 | | | | | | | | | | | | | | | 27 | 27 | 25 | 32 |
| 14 / 13 | .3 | .4 | | | | | | | | | | | | | | | | 21 | 21 | 22 | 21 |
| 12 / 11 | .1 | .3 | | | | | | | | | | | | | | | | 16 | 16 | 16 | 18 |
| 10 / 9 | .1 | .2 | | | | | | | | | | | | | | | | 20 | 20 | 23 | 14 |
| 8 / 7 | .1 | .1 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 19 |
| 6 / 5 | .1 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 27 |
| 4 / 3 | .1 | .1 | | | | | | | | | | | | | | | | 12 | 12 | 11 | 11 |
| 2 / 1 | .1 | .2 | | | | | | | | | | | | | | | | 15 | 15 | 15 | 7 |
| 0 / -1 | .1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 12 |
| -2 / -3 | .1 | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 7 |
| -4 / -5 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 13 |
| -6 / -7 | .1 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 7 | 10 |
| -8 / -9 | .1 | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 3 |
| -10 / -11 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| -12 / -13 | .1 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 10 |
| -14 / -15 | .1 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 4 |
| -16 / -17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE B C U-T APT STATION NAME | 57-65 YEARS | 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -16/-19 | . | | | | | | | | | | | | | | | | | 1 | | | 5 |
| -20/-23 | . | 1 | | | | | | | | | | | | | | | | 3 | | 3 | 4 |
| -22/-25 | . | | | | | | | | | | | | | | | | | 1 | | 1 | 2 |
| -24/-27 | . | | | | | | | | | | | | | | | | | 1 | | 1 | 2 |
| -26/-29 | . | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 |
| -28/-31 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | [illegible] | | | | | | | | | | | | | | | | | 900 | | 900 | 900 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 664512 | 7605 | 85.2 | 11.369 | 900 | | | | | | | |
| Dry Bulb | 715184 | 22340 | 29.1 | 12.934 | 900 | 3.4 | 64.7 | | | | | 90 |
| Wet Bulb | 646877 | 21078 | 23.9 | 12.217 | 900 | 3.6 | 70.9 | | | | | 90 |
| Dew Point | 544427 | 18865 | 21.0 | 12.874 | 900 | 8.1 | 78.7 | | | | | 90 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

29206 STATION | PRINCE GEORGE B C DOT APT STATION NAME | 57-66 YEARS | DEC MONTH

 0000-0200

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48/ 49 | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 46/ 47 | | | | .2 | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 44/ 45 | | | .1 | .6 | | | | | | | | | | | | | | 7 | 7 | | |
| 42/ 41 | | | .6 | .1 | | | | | | | | | | | | | | 7 | 7 | 1 | |
| 40/ 39 | | .6 | 1.0 | .4 | .1 | | | | | | | | | | | | | 20 | 20 | 6 | |
| 38/ 37 | .2 | 1.6 | 1.6 | .3 | | | | | | | | | | | | | | 37 | 37 | 22 | 1 |
| 36/ 35 | .5 | 2.9 | 1.5 | .2 | | | | | | | | | | | | | | 48 | 48 | 42 | 25 |
| 34/ 33 | 1.1 | 4.3 | 1.2 | | | | | | | | | | | | | | | 61 | 61 | 56 | 40 |
| 32/ 31 | 1.4 | 4.7 | 1.0 | | | | | | | | | | | | | | | 66 | 66 | 71 | 52 |
| 30/ 29 | 1.9 | 4.3 | 1.1 | | | | | | | | | | | | | | | 68 | 68 | 80 | 73 |
| 28/ 27 | 1.0 | 4.4 | .5 | | | | | | | | | | | | | | | 55 | 55 | 57 | 63 |
| 26/ 25 | 2.6 | 3.5 | .2 | | | | | | | | | | | | | | | 58 | 58 | 68 | 54 |
| 24/ 23 | 3.1 | 3.7 | | | | | | | | | | | | | | | | 63 | 63 | 65 | 69 |
| 22/ 21 | 3.1 | 1.5 | | | | | | | | | | | | | | | | 43 | 43 | 57 | 69 |
| 20/ 19 | 3.0 | 2.8 | | | | | | | | | | | | | | | | 54 | 54 | 49 | 61 |
| 18/ 17 | 3.2 | 1.2 | | | | | | | | | | | | | | | | 41 | 41 | 47 | 52 |
| 16/ 15 | 2.6 | 2.2 | | | | | | | | | | | | | | | | 44 | 44 | 39 | 36 |
| 14/ 13 | 1.8 | .3 | | | | | | | | | | | | | | | | 20 | 20 | 33 | 51 |
| 12/ 11 | 1.9 | 1.0 | | | | | | | | | | | | | | | | 23 | 23 | 15 | 34 |
| 10/ 9 | 1.6 | .8 | | | | | | | | | | | | | | | | 22 | 22 | 27 | 19 |
| 8/ 7 | 1.0 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 11 | 19 |
| 6/ 5 | 1.5 | .4 | | | | | | | | | | | | | | | | 18 | 18 | 19 | 21 |
| 4/ 3 | 1.2 | .4 | | | | | | | | | | | | | | | | 15 | 15 | 14 | 10 |
| 2/ 1 | 1.4 | .3 | | | | | | | | | | | | | | | | 16 | 16 | 16 | 26 |
| 0/ -1 | 1.6 | .3 | | | | | | | | | | | | | | | | 18 | 18 | 19 | 8 |
| -2/ -3 | 2.3 | .4 | | | | | | | | | | | | | | | | 25 | 25 | 24 | 12 |
| -4/ -5 | 1.4 | .6 | | | | | | | | | | | | | | | | 19 | 19 | 20 | 17 |
| -6/ -7 | .8 | .3 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 12 |
| -8/ -9 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 19 |
| -10/-11 | .5 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 18 |
| -12/-13 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 6 |
| -14/-15 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 12 |
| -16/-17 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 15 |
| -18/-19 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

25206 STATION | PRINCE GEORGE A C BOT ARPT STATION NAME | 57-66 YEARS | DEC MONTH

PAGE 2 0000-0200 HOURS (LST)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL DB, WB, Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20/-21 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 7 |
| -22/-23 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 4 |
| -24/-25 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 5 |
| -26/-27 | .3 | | | | | | | | | | | | | | | | | 5 | 5 | 3 |
| -28/-29 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 7 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | 2 |
| -42/-43 | | | | | | | | | | | | | | | | | | | 1 | |
| -44/-45 | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 1.0 | 3.1 | 8.8 | 2.0 | .2 | | | | | | | | | | | | | 930 | | 927 |
| | | | | | | | | | | | | | | | | | | 927 | 927 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6668671 | 78115 | 84.4 | 9.247 | 926 | | | | | | | |
| Dry Bulb | 581271 | 18385 | 19.8 | 15.312 | 930 | 13.0 | 74.6 | | | | | 93 |
| Wet Bulb | 522452 | 17598 | 19.0 | 14.263 | 927 | 12.9 | 80.1 | | | | | 93 |
| Dew Point | 442229 | 14699 | 15.9 | 15.029 | 927 | 15.2 | 86.4 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

# PSYCHROMETRIC SUMMARY

252 [illegible] STATION NAME [illegible] YEARS F

PAGE 3 00-0500

| Temp (F) | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21 | 22 23 | 24 25 | 26 27 | 28 29 | 30 31 | 32 | TOTAL DB | TOTAL WB | TOTAL Dew P. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| +8 | | | | .2 | | | | | | | | | | | | | | | 1 | | |
| 46 | | | | .1 | | | | | | | | | | | | | | | 1 | | |
| 44 | | | .1 | .3 | | | | | | | | | | | | | | | 4 | 4 | |
| 42 | | .1 | .6 | .5 | | | | | | | | | | | | | | | 24 | | 2 |
| 40 | | .2 | .6 | .2 | | | | | | | | | | | | | | | 1 | 1 | 1 |
| 38 | | .2 | .7 | .2 | | | | | | | | | | | | | | | 43 | 4 | 9 | 2 |
| 36 | .1 | .3 | .3 | | | | | | | | | | | | | | | | 34 | 3 | 5 | 26 |
| 34 | .1 | .6 | 1.1 | | | | | | | | | | | | | | | | 54 | 7 | 9 | 35 |
| 32 | .1 | 1.3 | .4 | | | | | | | | | | | | | | | | 61 | 6 | 11 | 52 |
| 30 | .2 | 1.3 | .5 | | | | | | | | | | | | | | | | 72 | 8 | 15 | 58 |
| 28 | .2 | 2.2 | .4 | .2 | | | | | | | | | | | | | | | 77 | 8 | 13 | 61 |
| 26 | .3 | 3. | .4 | | | | | | | | | | | | | | | | 71 | 10 | 17 | 67 |
| 24 | .3 | 2.8 | 2. | | | | | | | | | | | | | | | | 84 | 8 | 15 | 65 |
| 22 | .3 | 3.1 | 1.5 | | | | | | | | | | | | | | | | 61 | 4 | 11 | 61 |
| 20 | .4 | 2.9 | 2.3 | | | | | | | | | | | | | | | | 72 | 10 | 20 | 65 |
| 18 | .7 | 2.9 | .2 | | | | | | | | | | | | | | | | 39 | 3 | 11 | 51 |
| 16 | .5 | 2.1 | 1.4 | | | | | | | | | | | | | | | | 35 | 3 | 12 | 47 |
| 14 | .3 | 2.3 | .2 | | | | | | | | | | | | | | | | 39 | 3 | 18 | 39 |
| 12 | .1 | 2.4 | .4 | | | | | | | | | | | | | | | | 28 | 4 | 15 | 34 |
| 10 | .3 | 1. | .2 | | | | | | | | | | | | | | | | 12 | 4 | 10 | 39 |
| 8 | .2 | 1.3 | | | | | | | | | | | | | | | | | 12 | 1 | 14 | 23 |
| 6 | .2 | 2.1 | .2 | | | | | | | | | | | | | | | | 23 | 3 | 11 | 4 |
| 4 | .1 | 2.1 | .2 | | | | | | | | | | | | | | | | 21 | 21 | 21 | 20 |
| 2 | .1 | .8 | .3 | | | | | | | | | | | | | | | | 10 | 10 | 2 | 16 |
| 0 | .2 | 1.4 | .3 | | | | | | | | | | | | | | | | 25 | 25 | 8 | 15 |
| -2 | .1 | 1.2 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 9 | 12 |
| -4 | .2 | 1.2 | .1 | | | | | | | | | | | | | | | | 17 | 17 | 15 | 14 |
| -6 | .1 | .8 | | | | | | | | | | | | | | | | | 8 | 8 | 12 | 15 |
| -8 | .2 | 1.2 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 14 |
| -10 | .1 | .2 | .1 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 18 |
| -12 | .1 | .2 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 7 |
| -14 | .1 | .1 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 12 |
| -16 | .2 | .1 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 10 |
| -18 | .1 | .1 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 7 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSED BY USAFETAC
USAF [illegible]
AIR WEATHER SERVICE (MAC)

# PSYCHROMETRIC SUMMARY

2520 [illegible] EDWARDS AFB CALIF 57 60 [illegible] DEC
STATION STATION NAME YEARS MONTH

PAGE 2 0300-0500
HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20 | 2 | 4 | | | | | | | | | | | | | | | | 7 | 7 | 7 | 9 |
| -22 | 2 | 3 | | | | | | | | | | | | | | | | 2 | | 2 | 5 |
| -24 | 7 | | | | | | | | | | | | | | | | | | | | 8 |
| -26 | 2 | 4 | | | | | | | | | | | | | | | | 6 | 3 | 6 | 3 |
| -28 | 2 | 4 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 |
| -30 | 3 | | | | | | | | | | | | | | | | | | | | 1 |
| -32 | 3 | | | | | | | | | | | | | | | | | | | | 1 |
| -34 | 3 | | | | | | | | | | | | | | | | | | | | 3 |
| -44 | 4 | | | | | | | | | | | | | | | | | | | | |
| -46 | 1 | | | | | | | | | | | | | | | | | | | | |
| TOTAL | [illegible] | | | | | | | | | | | | | | | | | 927 | | | 927 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | [illegible] | 84.5 | 9.96 | 927 | | | | | | | |
| Dry Bulb | 571485 | [illegible] | 19.3 | 15.534 | 930 | 13.2 | 75.1 | | | | | 93 |
| Wet Bulb | 515539 | [illegible] | 18.0 | 14.714 | 927 | 12.9 | 81.0 | | | | | 93 |
| Dew Point | 437124 | 14358 | 15.5 | 15.228 | 927 | 16.1 | 86.7 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE

# PSYCHROMETRIC SUMMARY

2020 — STATION
[illegible] — STATION NAME
57-66 — YEARS
OCT — MONTH
HOUR 0600-0800

| 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 DB, WB | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | - | | | .1 | | | | | | | | | | | | | | 1 | | | |
| 46 | .5 | | | .1 | | | | | | | | | | | | | | 1 | | | |
| 44 | .5 | | .2 | | | | | | | | | | | | | | | 2 | | | |
| 42 | .4 | | .5 | .3 | | | | | | | | | | | | | | 12 | 12 | 2 | |
| 40 | .7 | | .2 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 5 | |
| 38 | .5 | .1 | .4 | .4 | .2 | | | | | | | | | | | | | 19 | 19 | 13 | 1 |
| 36 | .5 | .4 | .7 | .4 | .3 | | | | | | | | | | | | | 49 | 49 | 17 | 13 |
| 34 | .5 | .4 | 2.7 | .1 | | | | | | | | | | | | | | 43 | 43 | 46 | 49 |
| 32 | .5 | 1.4 | .4 | .6 | | | | | | | | | | | | | | 67 | 67 | 57 | 37 |
| 30 | 2.1 | 2.4 | .1 | .4 | | | | | | | | | | | | | | 73 | 73 | 87 | 60 |
| 28 | 2.2 | 2.1 | .1 | .2 | | | | | | | | | | | | | | 67 | 67 | 70 | 79 |
| 26 | 2.1 | 3.1 | .1 | .4 | | | | | | | | | | | | | | 68 | 68 | 67 | 73 |
| 24 | 2.4 | 2.1 | .1 | | | | | | | | | | | | | | | 68 | 68 | 54 | 74 |
| 22 | 2.2 | 2.1 | 2.2 | .3 | | | | | | | | | | | | | | 44 | 44 | 47 | 46 |
| 20 | 1.4 | 3.2 | .1 | | | | | | | | | | | | | | | 51 | 51 | 54 | 43 |
| 18 | 1.2 | 3.1 | .1 | | | | | | | | | | | | | | | 52 | 52 | 57 | 45 |
| 16 | 1.3 | 4.1 | .1 | | | | | | | | | | | | | | | 43 | 43 | 46 | 69 |
| 14 | 1.1 | .4 | .1 | | | | | | | | | | | | | | | 30 | 30 | 30 | 43 |
| 12 | 1.1 | 1.3 | .1 | | | | | | | | | | | | | | | 23 | 23 | 23 | 32 |
| 10 | .4 | 1.1 | .1 | | | | | | | | | | | | | | | 13 | 13 | 6 | 29 |
| 8 | .7 | 1.3 | .1 | | | | | | | | | | | | | | | 19 | 19 | 18 | 14 |
| 6 | .5 | 2.1 | .1 | | | | | | | | | | | | | | | 24 | 24 | 24 | 18 |
| 4 | .4 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 13 | 17 |
| 2 | 1 | 1.1 | .1 | | | | | | | | | | | | | | | 20 | 20 | 9 | 23 |
| 0 | -1 | 1.3 | .1 | | | | | | | | | | | | | | | 21 | 21 | 21 | 10 |
| -2 | -3 | .1 | .1 | | | | | | | | | | | | | | | 20 | 20 | 21 | 11 |
| -4 | -5 | 1. | .1 | | | | | | | | | | | | | | | 11 | 11 | 13 | 20 |
| -6 | -7 | 1.2 | .1 | | | | | | | | | | | | | | | 15 | 13 | 14 | 15 |
| -8 | -9 | 1.1 | | | | | | | | | | | | | | | | 9 | 9 | 10 | 16 |
| -10 | -11 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 14 |
| -12 | -13 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 11 |
| -14 | -15 | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 |
| -16 | -17 | 1.1 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 9 |
| -18 | -19 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 8 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | < 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| 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 DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] | [illegible] AIR FORCE BASE, [illegible] | 57-66 | DEC

STATION | STATION NAME | YEARS | MONTH

DATE 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. | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| <20 | 2[illegible] | • | | | | | | | | | | | | | | | | 6 | 6 | 6 | 6 | 13 |
| 22- | 23 | • | | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 | 5 |
| 24- | 25 | • | | | | | | | | | | | | | | | | 5 | 5 | 5 | 5 | 6 |
| 26- | 27 | • | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 4 |
| 28- | 29 | • | | | | | | | | | | | | | | | | • | 5 | 5 | 5 | 3 |
| 30- | 31 | • | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | 3 |
| 32- | 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 36- | 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| 46- | 49 | | | | | | | | | | | | | | | | | | 2 | | | |
| 50- | 51 | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | [illegible] | •2 | 1•6 | • | | | | | | | | | | | | | | 927 | | | | 927 |
| | | | | | | | | | | | | | | | | | | 927 | | 927 | | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 674366 | 78638 | 84.8 | 8.864 | 927 | | | | | | | |
| Dry Bulb | 557465 | 175[illegible] | 18.8 | 15.66[illegible] | 930 | 13.3 | 77.3 | | | | | 93 |
| Wet Bulb | 504165 | 6853[illegible] | 18.2 | 14.606 | 927 | 13.3 | 81.7 | | | | | 93 |
| Dew Point | 431 87 | 14001 | 15.1 | 15.400 | 927 | 10.3 | 86.7 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
In FATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

252[illegible] PRINCE GEORGE B C [illegible] APT 57-66 DEC
STATION STATION NAME YEARS 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | 47 | | | | .1 | | | | | | | | | | | | | | 1 | | | |
| 46 | 45 | | | | .1 | | | | | | | | | | | | | | 2 | | | |
| 44 | 43 | | | .2 | .2 | | | | | | | | | | | | | | 5 | | | |
| 42 | 41 | | .2 | .2 | .2 | | | | | | | | | | | | | | 13 | 13 | 8 | |
| 40 | 39 | | .4 | .6 | .6 | | | | | | | | | | | | | | 17 | 17 | 6 | 1 |
| 38 | 37 | | .4 | .4 | | | | | | | | | | | | | | | 27 | 27 | 20 | 3 |
| 36 | 35 | .4 | .8 | .8 | .8 | | | | | | | | | | | | | | 58 | 58 | 45 | 16 |
| 34 | 33 | 1.1 | .8 | .4 | .1 | | | | | | | | | | | | | | 55 | 55 | 55 | 46 |
| 32 | 31 | 1.8 | .8 | .4 | .1 | | | | | | | | | | | | | | 76 | 76 | 66 | 46 |
| 30 | 29 | 1.8 | 2.8 | .4 | .1 | | | | | | | | | | | | | | 88 | 88 | 76 | 65 |
| 28 | 27 | 2.6 | 1.4 | .4 | | | | | | | | | | | | | | | 68 | 68 | 80 | 68 |
| 26 | 25 | 2.8 | 1.8 | .4 | | | | | | | | | | | | | | | 64 | 64 | 74 | 80 |
| 24 | 23 | 1.8 | 1.8 | | | | | | | | | | | | | | | | 48 | 48 | 64 | 75 |
| 22 | 21 | 2.8 | 1.8 | | | | | | | | | | | | | | | | 52 | 52 | 48 | 49 |
| 20 | 19 | 2.9 | 1.2 | | | | | | | | | | | | | | | | 47 | 47 | 58 | 42 |
| 18 | 17 | 3.2 | 1.5 | | | | | | | | | | | | | | | | 53 | 53 | 56 | 61 |
| 16 | 15 | 2.2 | .8 | | | | | | | | | | | | | | | | 32 | 32 | 32 | 58 |
| 14 | 13 | 1.8 | .4 | | | | | | | | | | | | | | | | 24 | 24 | 28 | 33 |
| 12 | 11 | 1.4 | 1.4 | | | | | | | | | | | | | | | | 19 | 19 | 18 | 25 |
| 10 | 9 | 1.0 | 1.0 | | | | | | | | | | | | | | | | 18 | 18 | 19 | 27 |
| 8 | 7 | 1.2 | .8 | | | | | | | | | | | | | | | | 16 | 16 | 17 | 17 |
| 6 | 5 | 1.4 | .5 | | | | | | | | | | | | | | | | 18 | 18 | 20 | 12 |
| 4 | 3 | 1.2 | .4 | | | | | | | | | | | | | | | | 17 | 17 | 15 | 24 |
| 2 | 1 | 2.1 | .4 | | | | | | | | | | | | | | | | 23 | 23 | 24 | 13 |
| 0 | -1 | 1.1 | .2 | | | | | | | | | | | | | | | | 16 | 16 | 16 | 19 |
| -2 | -3 | 1.3 | .8 | | | | | | | | | | | | | | | | 19 | 19 | 19 | 15 |
| -4 | -5 | 1.0 | .4 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 20 |
| -6 | -7 | 1.2 | .5 | | | | | | | | | | | | | | | | 17 | 17 | 16 | 9 |
| -8 | -9 | 1.0 | .2 | | | | | | | | | | | | | | | | 11 | 11 | 12 | 19 |
| -10 | -11 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 7 | 12 |
| -12 | -13 | .9 | .1 | | | | | | | | | | | | | | | | 9 | 9 | 9 | 9 |
| -14 | -15 | 1.1 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 19 |
| -16 | -17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 |
| -18 | -19 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 6 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

45200 STATION | PRICE EIELD A X JET APT STATION NAME | 57-59 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 DB W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥60 | 2 | 1 | | | | | | | | | | | | | | | | 4 | 4 | 9 |
| 56-59 | 2 | 1 | | | | | | | | | | | | | | | | 2 | 2 | 3 |
| 52-55 | 2 | 1 | | | | | | | | | | | | | | | | 3 | 3 | 4 |
| 48-51 | 2 | 1 | | | | | | | | | | | | | | | | 3 | 3 | 3 |
| 44-47 | 2 | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| 40-43 | 3 | 1 | | | | | | | | | | | | | | | | 2 | 2 | 6 |
| 36-39 | 3 | | | | | | | | | | | | | | | | | | | 7 |
| 32-35 | 3 | | | | | | | | | | | | | | | | | | | |
| 28-31 | 3 | | | | | | | | | | | | | | | | | | | 1 |
| 24-27 | 2 | | | | | | | | | | | | | | | | | | 1 | |
| 20-23 | 4 | 1 | | | | | | | | | | | | | | | | | | 927 |
| TOTAL | 427 | 499 | 68 | 22 | 1 | | | | | | | | | | | | | 927 | 927 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤0 F | ≤32 F | ≤67 F | ≤73 F | ≤80 F | ≤93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6233644 | 77429 | 83.5 | 9.217 | 927 | | | | | | | |
| Dry Bulb | 582452 | 18428 | 19.8 | 15.293 | 930 | 12.4 | 74.7 | | | | | 93 |
| Wet Bulb | 522161 | 17693 | 19.0 | 14.245 | 927 | 12.3 | 80.1 | | | | | 93 |
| Dew Point | 442001 | 14549 | 15.7 | 15.218 | 927 | 10.7 | 86.4 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

2520 STATION | PRINCE GEORGE A C UTT APT STATION NAME | 57-66 YEARS | JUL MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 48/47 | | | | | | | | | | | | | | | | | | | | | |
| 46/45 | | | | | | | | | | | | | | | | | | | | | |
| 44/43 | | | | | | | | | | | | | | | | | | | | | |
| 42/41 | | | | | | | | | | | | | | | | | | | | | |
| 40/39 | | | | | | | | | | | | | | | | | | | | | |
| 38/37 | | | | | | | | | | | | | | | | | | | | | |
| 36/35 | | | | | | | | | | | | | | | | | | | | | |
| 34/33 | | | | | | | | | | | | | | | | | | | | | |
| 32/31 | | | | | | | | | | | | | | | | | | | | | |
| 30/29 | | | | | | | | | | | | | | | | | | | | | |
| 28/27 | | | | | | | | | | | | | | | | | | | | | |
| 26/25 | | | | | | | | | | | | | | | | | | | | | |
| 24/23 | | | | | | | | | | | | | | | | | | | | | |
| 22/21 | | | | | | | | | | | | | | | | | | | | | |
| 20/19 | | | | | | | | | | | | | | | | | | | | | |
| 18/17 | | | | | | | | | | | | | | | | | | | | | |
| 16/15 | | | | | | | | | | | | | | | | | | | | | |
| 14/13 | | | | | | | | | | | | | | | | | | | | | |
| 12/11 | | | | | | | | | | | | | | | | | | | | | |
| 10/9 | | | | | | | | | | | | | | | | | | | | | |
| 8/7 | | | | | | | | | | | | | | | | | | | | | |
| 6/5 | | | | | | | | | | | | | | | | | | | | | |
| 4/3 | | | | | | | | | | | | | | | | | | | | | |
| 2/1 | | | | | | | | | | | | | | | | | | | | | |
| 0/-1 | | | | | | | | | | | | | | | | | | | | | |
| -2/-3 | | | | | | | | | | | | | | | | | | | | | |
| -4/-5 | | | | | | | | | | | | | | | | | | | | | |
| -6/-7 | | | | | | | | | | | | | | | | | | | | | |
| -8/-9 | | | | | | | | | | | | | | | | | | | | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | |
| -18/-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

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# PSYCHROMETRIC SUMMARY

4520 STATION | PATRICE LUMUMBA INTERNATIONAL AIRPORT STATION NAME | 57-60 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| -20 -21 | • | | | | | | | | | | | | | | | | | 1 | 1 | 5 |
| -22 -23 | • | | | | | | | | | | | | | | | | | 2 | 2 | 3 |
| -26 -27 | • | | | | | | | | | | | | | | | | | 1 | 1 | 1 |
| -28 -29 | | | | | | | | | | | | | | | | | | | | 3 |
| -30 -31 | • | | | | | | | | | | | | | | | | | 1 | 1 | |
| -32 -33 | | | | | | | | | | | | | | | | | | | | 1 |
| TOT | 29 | 51 | 101 | 94 | 45 | 11 | 1 | | | | | | | | | | | 929 | 929 | 929 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6703315 | 74355 | 80.0 | 10.991 | 929 | | | | | | | |
| Dry Bub | 67949 | 21410 | 23.0 | 10.158 | 930 | 10.5 | 68.4 | | | | | 93 |
| Wet Bulb | 595.66 | 20060 | 21.6 | 13.213 | 929 | 10.4 | 76.9 | | | | | 93 |
| Dew Point | 479 43 | 16393 | 17.6 | 14.307 | 929 | 13.9 | 85.1 | | | | | 93 |

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

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

52CA | PRINCE GEORGE B C INTL APT | 57 66 | E
STATION | STATION NAME | YEARS | 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. | TOTAL W.B. | Dry Bulb | Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46/45 | | | | .3 | . | | | | | | | | | | | | | 4 | | | | |
| 44/43 | | | .3 | .5 | . | .1 | | | | | | | | | | | | 12 | | | | |
| 42/41 | | .5 | .9 | .5 | . | | | | | | | | | | | | | 15 | | | | |
| 40/39 | . | .7 | 1.1 | .2 | .1 | | | | | | | | | | | | | 22 | | 17 | | 3 |
| 38/37 | .1 | .9 | .7 | .6 | | | | | | | | | | | | | | 34 | 34 | 43 | | 10 |
| 36/35 | .1 | 3.2 | .3 | .2 | | | | | | | | | | | | | | 56 | 56 | 56 | | 23 |
| 34/33 | 1. | .5 | .4 | | | | | | | | | | | | | | | 56 | 56 | 62 | | 45 |
| 32/31 | .1 | .8 | .7 | | | | | | | | | | | | | | | 77 | 77 | 75 | | 53 |
| 30/29 | 1.1 | .7 | .3 | | | | | | | | | | | | | | | 76 | 76 | 85 | | 68 |
| 28/27 | 1.1 | .5 | .4 | | | | | | | | | | | | | | | 75 | 75 | 83 | | 76 |
| 26/25 | 3.2 | .6 | .4 | | | | | | | | | | | | | | | 69 | 69 | 90 | | 95 |
| 24/23 | .1 | .3 | .4 | | | | | | | | | | | | | | | 48 | 48 | 56 | | 79 |
| 22/21 | 2.1 | 2.4 | .1 | | | | | | | | | | | | | | | 54 | 54 | 58 | | 61 |
| 20/19 | 2.2 | .3 | | | | | | | | | | | | | | | | 53 | 53 | 52 | | 55 |
| 18/17 | 1.1 | .3 | .1 | | | | | | | | | | | | | | | 27 | 27 | 36 | | 58 |
| 16/15 | 1.1 | .2 | | | | | | | | | | | | | | | | 18 | 18 | 23 | | 36 |
| 14/13 | .1 | .8 | | | | | | | | | | | | | | | | 13 | 13 | 11 | | 31 |
| 12/11 | .1 | .5 | | | | | | | | | | | | | | | | 10 | 10 | 14 | | 17 |
| 10/9 | 1.2 | .3 | | | | | | | | | | | | | | | | 19 | 19 | 14 | | 16 |
| 8/7 | .1 | .8 | | | | | | | | | | | | | | | | 25 | 25 | 30 | | 17 |
| 6/5 | 1. | .3 | | | | | | | | | | | | | | | | 15 | 15 | 14 | | 12 |
| 4/3 | 1.1 | .3 | | | | | | | | | | | | | | | | 17 | 17 | 18 | | 22 |
| 2/1 | .8 | .8 | | | | | | | | | | | | | | | | 14 | 14 | 15 | | 21 |
| 0/-1 | 1.1 | .4 | | | | | | | | | | | | | | | | 14 | 14 | 12 | | 10 |
| -2/-3 | 1.1 | .4 | | | | | | | | | | | | | | | | 21 | 21 | 22 | | 7 |
| -4/-5 | 1.1 | .3 | | | | | | | | | | | | | | | | 17 | 17 | 15 | | 17 |
| -6/- | .1 | .4 | | | | | | | | | | | | | | | | 11 | 11 | 12 | | 12 |
| -8/-9 | .1 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 13 | | 18 |
| -10/-11 | .1 | .4 | | | | | | | | | | | | | | | | 8 | 8 | 7 | | 17 |
| -12/-13 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | | 15 |
| -14/-15 | . | .1 | | | | | | | | | | | | | | | | 2 | 2 | 3 | | 6 |
| -16/-17 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | 6 |
| -18/-19 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | 9 |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | | 6 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2520 — STATION
PRICE GEORGE [illegible] AIRPORT — STATION NAME
57-66 — YEARS
[illegible] — MONTH

PAGE 4 — 1500-1700 HOURS (LST)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | | 3 |
| -24 [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| -26 [illegible] | | | | | | | | | | | | | | | | | | 2 | | 2 | 1 |
| -28 [illegible] | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 |
| -30 [illegible] | | | | | | | | | | | | | | | | | | 1 | | | |
| -32 [illegible] | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTA | 33. | 2 | 211.3 | 2.5 | | | | | | | | | | | | | | | | | 930 |
| | | | | | | | | | | | | | | | | | | 930 | | 930 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6365173 | 76319 | 82.11 | 9.87 | 930 | | | | | | | |
| Dry Bulb | 650083 | 20943 | 22.5 | 13.883 | 930 | 9.7 | 70.6 | | | | | 93 |
| Wet Bulb | 580565 | 19753 | 21.2 | 13.165 | 930 | 9.8 | 77.2 | | | | | 93 |
| Dew Point | 480143 | 16473 | 17.7 | 14.247 | 930 | 13.2 | 84.9 | | | | | 93 |

USAFETAC FORM 0-26-5 (OL-A) JUL 66 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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# PSYCHROMETRIC SUMMARY

25620 STATION | [illegible] STATION NAME | 57-66 YEARS | [illegible] MONTH

PAGE 1 | 1800-2000 HOURS L.S.T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B. W.B. | Dry Bulb | TOTAL Wet Bulb | Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | [illegible] | | | .0 | . | | | | | | | | | | | | | 7 | 7 | | |
| 44 | 4 | | .1 | .2 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 42 | 4 | | .1 | .1 | .1 | | | | | | | | | | | | | 4 | 4 | | |
| 40 | 3 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | 28 | 28 | .1 | |
| 38 | 3 | .1 | .1 | .2 | .2 | | | | | | | | | | | | | 43 | 43 | .8 | 8 |
| 36 | 3 | 1.1 | .4 | .0 | .3 | | | | | | | | | | | | | 45 | 45 | 47 | 18 |
| 34 | 33 | 1.4 | .8 | . | .1 | | | | | | | | | | | | | 59 | 59 | 59 | 38 |
| 32 | 31 | 2.1 | .8 | .2 | | | | | | | | | | | | | | 70 | 70 | 76 | 69 |
| 30 | 29 | 2.2 | .4 | .2 | | | | | | | | | | | | | | 81 | 81 | 80 | 52 |
| 28 | 27 | 1.3 | .6 | .1 | | | | | | | | | | | | | | 63 | 63 | 76 | 69 |
| 26 | 25 | 2.1 | .1 | .0 | | | | | | | | | | | | | | 67 | 67 | 73 | 82 |
| 24 | 23 | 2.9 | .5 | | | | | | | | | | | | | | | 50 | 50 | 63 | 68 |
| 22 | 21 | 1.4 | .1 | | | | | | | | | | | | | | | 42 | 42 | 47 | 74 |
| 20 | 19 | 1.1 | .3 | | | | | | | | | | | | | | | 70 | 70 | 67 | 42 |
| 18 | 17 | 2.1 | .4 | | | | | | | | | | | | | | | 36 | 36 | 46 | 65 |
| 16 | 15 | 1.4 | .3 | | | | | | | | | | | | | | | 33 | 33 | 35 | 54 |
| 14 | 13 | 1.4 | .3 | | | | | | | | | | | | | | | 19 | 19 | 22 | 38 |
| 12 | 11 | 1.1 | .1 | | | | | | | | | | | | | | | 11 | 11 | 13 | 20 |
| 10 | 9 | .4 | .1 | | | | | | | | | | | | | | | 22 | 22 | 20 | 20 |
| 8 | 7 | 1.1 | .2 | | | | | | | | | | | | | | | 19 | 19 | 19 | 22 |
| 6 | 5 | .3 | .2 | | | | | | | | | | | | | | | 20 | 20 | 20 | 10 |
| 4 | 3 | .2 | .2 | | | | | | | | | | | | | | | 19 | 19 | 22 | 14 |
| 2 | 1 | .1 | .1 | | | | | | | | | | | | | | | 12 | 12 | 13 | 18 |
| 0 | -1 | .1 | .1 | | | | | | | | | | | | | | | 22 | 22 | 19 | 20 |
| -2 | -3 | .1 | .1 | | | | | | | | | | | | | | | 12 | 12 | 20 | 13 |
| -4 | -5 | .1 | .1 | | | | | | | | | | | | | | | 17 | 17 | 16 | 13 |
| 6 | -7 | .1 | .1 | | | | | | | | | | | | | | | 6 | 6 | 9 | 13 |
| 8 | -9 | .1 | .1 | | | | | | | | | | | | | | | 11 | 11 | 11 | 21 |
| 10 | -11 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 8 |
| 12 | -13 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 5 | 8 |
| 14 | -15 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 15 |
| 16 | -17 | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 |
| 18 | -19 | .1 | | | | | | | | | | | | | | | | 1 | | 1 | 3 |
| 20 | -21 | .1 | | | | | | | | | | | | | | | | 1 | | 1 | 6 |

| Element X | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

42506 — STATION
PRINCE EDWARD B A (JET AFT) — STATION NAME
57-66 — YEARS
JUL — MONTH

PAGE 2 — 0800-1000 HOURS (L.S.T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. | TOTAL W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| >22 22 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 24-25 | | | | | | | | | | | | | | | | | | | | | 2 | 5 |
| 26-27 | | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| 28-29 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 30-31 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 32-33 | | | | | | | | | | | | | | | | | | | | | | |
| 34-35 | | | | | | | | | | | | | | | | | | | | | | |
| 36-37 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOT | 43. | 199. | 12.3 | .41 | .1 | | | | | | | | | | | | | | | | | 929 |
| | | | | | | | | | | | | | | | | | | 929 | | 929 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature: < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 600096 | 77751 | 83.71 | 12.14 | 929 | | | | | | | |
| Dry Bulb | 605.66 | 19-64 | 20.91 | .992 | 930 | 11.0 | 74.0 | | | | | 93 |
| Wet Bulb | 547 75 | 18524 | 19.91 | .831 | 929 | 11.0 | 79.5 | | | | | 93 |
| Dew Point | 457 08 | 15494 | 16.71 | .636 | 929 | 14.8 | 86.6 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE (MAC)

# PSYCHROMETRIC SUMMARY

252 STATION | ST GEORGE U C D T APT STATION NAME | 57-66 YEARS | E MONTH

PAGE 1 21 0-2300

| Temp. (F) | | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 46 | 43 | | | | .4 | . | | | | | | | | | | | | | 2 | | | |
| 44 | 41 | | | .1 | | | | | | | | | | | | | | | 4 | | | |
| 42 | 40 | | . | .2 | .2 | .2 | | | | | | | | | | | | | 10 | | | |
| 40 | 39 | | . | .4 | .3 | . | | | | | | | | | | | | | 14 | | | |
| 38 | 37 | | .3 | .6 | .3 | | | | | | | | | | | | | | 35 | 2 | 3 | 2 |
| 36 | 35 | . | .5 | . | .2 | | | | | | | | | | | | | | 48 | 1 | 9 | 20 |
| 34 | 33 | 1.0 | .5 | .6 | .2 | | | | | | | | | | | | | | 59 | 1 | 7 | 46 |
| 32 | 31 | 1.2 | .8 | .5 | | | | | | | | | | | | | | | 61 | 2 | 7 | 54 |
| 30 | 29 | 1.6 | .6 | .4 | | | | | | | | | | | | | | | 69 | 4 | 7 | 52 |
| 28 | 27 | 1.5 | .6 | .4 | . | | | | | | | | | | | | | | 63 | 6 | 9 | 78 |
| 26 | 25 | 2.0 | .8 | .2 | | | | | | | | | | | | | | | 52 | 5 | 8 | 67 |
| 24 | 23 | 2. | .9 | | | | | | | | | | | | | | | | 46 | 8 | 12 | 69 |
| 22 | 21 | 2.2 | 2. | | | | | | | | | | | | | | | | 46 | | 9 | 64 |
| 20 | 19 | 1.4 | 1.4 | | | | | | | | | | | | | | | | 39 | 3 | 10 | 50 |
| 18 | 17 | 2.1 | .9 | | | | | | | | | | | | | | | | 45 | 1 | 7 | 65 |
| 16 | 15 | 1. | .7 | | | | | | | | | | | | | | | | 40 | 6 | 11 | 37 |
| 14 | 13 | 1.1 | .9 | | | | | | | | | | | | | | | | 35 | 2 | 9 | 40 |
| 12 | 11 | 1.1 | .9 | | | | | | | | | | | | | | | | 33 | | 9 | 43 |
| 10 | 9 | 1.1 | .9 | | | | | | | | | | | | | | | | 29 | 12 | 9 | 17 |
| 8 | 7 | 1.1 | .9 | | | | | | | | | | | | | | | | 23 | 1 | 7 | 21 |
| 6 | 5 | 1.1 | .7 | | | | | | | | | | | | | | | | 18 | 1 | 12 | 17 |
| 4 | 3 | 1.1 | .5 | | | | | | | | | | | | | | | | 14 | 1 | 13 | 19 |
| 2 | 1 | .8 | .4 | | | | | | | | | | | | | | | | 10 | 2 | 10 | 22 |
| 0 | -1 | .9 | .5 | | | | | | | | | | | | | | | | 14 | 4 | 15 | 10 |
| -2 | -3 | 1.1 | .7 | | | | | | | | | | | | | | | | 22 | 2 | 11 | 11 |
| -4 | -5 | 1.1 | .5 | | | | | | | | | | | | | | | | 13 | 13 | 12 | 16 |
| -6 | -7 | 1.1 | | | | | | | | | | | | | | | | | 11 | 11 | 14 | 15 |
| -8 | -9 | .9 | .5 | | | | | | | | | | | | | | | | 10 | 15 | 7 | 15 |
| -10 | -11 | .9 | | | | | | | | | | | | | | | | | 8 | 9 | 11 | 15 |
| -12 | -13 | .7 | | | | | | | | | | | | | | | | | 8 | 6 | 8 | 6 |
| -14 | -15 | .7 | | | | | | | | | | | | | | | | | 8 | 3 | 3 | 13 |
| -16 | -17 | . | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 |
| -18 | -19 | . | | | | | | | | | | | | | | | | | 2 | 1 | 2 | 9 |
| -20 | -21 | .4 | | | | | | | | | | | | | | | | | 4 | 1 | 4 | 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

# PSYCHROMETRIC SUMMARY

[illegible] DIVISION
[illegible]
[illegible] EXPERIMENTAL

[illegible] STATION [illegible] STATION NAME [illegible] 7-66 YEARS [illegible] MONTH

 21 0-2400 M. S. T.

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9 | 10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B. W.B | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 2 |
| [illegible] | | | | | | | | | | | | | | | | | | | | 1 | | 11 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 3 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | |
| [illegible] | | | | | | | | | | | | | | | | | | | | | | 927 |
| | | | | | | | | | | | | | | | | | | | 927 | 927 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | [illegible] | [illegible] | 83.9 | [illegible] | 927 | | | | | | | |
| Dry Bulb | 589.83 | [illegible] | [illegible] | [illegible] | [illegible] | 11.6 | 73.3 | | | | | 93 |
| Wet Bulb | 527219 | [illegible] | [illegible] | [illegible] | 927 | 11.5 | 78.8 | | | | | 93 |
| Dew Point | 440.19 | [illegible] | 16.2 | [illegible] | 927 | [illegible] | 66.2 | | | | | 93 |

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

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE S C DOT APT 57-66

STATION STATION NAME YEARS

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 12.1 | 15.9 | 25.1 | 34.2 | 41.9 | 48.2 | 52.3 | 50.4 | 43.7 | 37.9 | 25.0 | 19.8 | 34.3 |
| | S D | 18.873 | 15.215 | 11.233 | 6.326 | 7.055 | 6.495 | 5.525 | 6.070 | 7.624 | 8.735 | 12.920 | 15.312 | 16.994 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 03-05 | MEAN | 11.6 | 15.6 | 23.4 | 32.1 | 39.3 | 45.6 | 49.4 | 48.0 | 41.8 | 36.8 | 24.3 | 19.3 | 32.6 |
| | S D | 19.341 | 15.906 | 11.910 | 6.355 | 6.645 | 6.266 | 4.970 | 6.113 | 7.853 | 8.928 | 12.892 | 15.534 | 16.587 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 06-08 | MEAN | 11.2 | 17.6 | 23.0 | 34.5 | 44.3 | 51.4 | 55.0 | 51.1 | 42.7 | 36.6 | 23.7 | 18.8 | 34.2 |
| | S D | 19.759 | 16.281 | 12.305 | 6.541 | 7.181 | 5.921 | 5.654 | 6.378 | 7.452 | 8.842 | 12.831 | 15.660 | 18.305 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 09-11 | MEAN | 12.8 | 21.5 | 29.5 | 42.0 | 52.1 | 58.5 | 62.9 | 59.6 | 50.6 | 41.5 | 26.3 | 19.8 | 39.8 |
| | S D | 18.557 | 14.279 | 10.935 | 7.100 | 8.492 | 7.049 | 7.091 | 7.150 | 6.888 | 8.134 | 12.540 | 15.293 | 19.904 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 930 | 10955 |
| 12-14 | MEAN | 16.9 | 27.1 | 35.5 | 46.9 | 56.9 | 63.3 | 68.2 | 65.1 | 56.7 | 46.2 | 29.8 | 23.0 | 44.7 |
| | S D | 16.544 | 12.219 | 9.942 | 7.805 | 9.479 | 8.224 | 8.324 | 8.583 | 7.527 | 8.150 | 12.063 | 14.158 | 20.076 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 15-17 | MEAN | 17.2 | 28.2 | 37.0 | 48.1 | 58.3 | 64.6 | 69.6 | 66.5 | 58.1 | 46.4 | 28.9 | 22.5 | 45.5 |
| | S D | 16.300 | 11.653 | 9.638 | 8.096 | 9.848 | 8.764 | 8.856 | 9.385 | 8.034 | 8.357 | 11.727 | 13.883 | 20.567 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 14.5 | 24.2 | 31.9 | 43.5 | 55.0 | 61.5 | 66.3 | 61.8 | 51.7 | 41.4 | 26.2 | 20.9 | 41.7 |
| | S D | 17.626 | 12.655 | 9.581 | 7.720 | 9.309 | 8.427 | 8.363 | 8.950 | 7.247 | 7.923 | 12.193 | 14.592 | 20.247 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 21-23 | MEAN | 13.0 | 22.0 | 27.7 | 37.3 | 47.1 | 53.6 | 57.6 | 54.0 | 46.3 | 39.0 | 25.1 | 20.2 | 37.0 |
| | S D | 18.453 | 13.989 | 10.305 | 6.531 | 7.608 | 6.714 | 5.960 | 6.561 | 6.995 | 8.170 | 12.934 | 15.003 | 17.976 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| ALL HOURS | MEAN | 13.6 | 22.4 | 29.1 | 39.6 | 49.3 | 55.8 | 60.2 | 57.1 | 48.9 | 40.7 | 26.1 | 20.6 | 38.7 |
| | S D | 18.347 | 14.565 | 11.867 | 9.114 | 10.716 | 9.909 | 10.004 | 10.032 | 9.502 | 9.161 | 12.675 | 15.001 | 19.452 |
| | TOTAL OBS | 7440 | 6768 | 7440 | 7200 | 7440 | 7200 | 7440 | 7440 | 7199 | 7440 | 7200 | 7440 | 87647 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE B C OUT APT 57-66
STATION STATION NAME YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 11.7 | 16.6 | 23.3 | 31.2 | 38.2 | 45.1 | 49.3 | 48.3 | 42.0 | 35.7 | 23.8 | 19.0 | 32.3 |
| | S D | 17.814 | 14.272 | 10.304 | 5.562 | 5.993 | 5.320 | 4.111 | 5.103 | 6.985 | 7.425 | 12.279 | 14.263 | 15.836 |
| | TOTAL OBS | 924 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10947 |
| 03-05 | MEAN | 11.5 | 17.6 | 21.8 | 29.7 | 36.4 | 43.3 | 47.3 | 46.4 | 40.5 | 34.8 | 24.2 | 18.6 | 31.0 |
| | S D | 18.038 | 14.908 | 11.246 | 5.672 | 6.050 | 5.454 | 4.298 | 5.505 | 7.336 | 7.629 | 12.288 | 14.471 | 15.637 |
| | TOTAL OBS | 919 | 844 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10940 |
| 06-08 | MEAN | 11.4 | 16.7 | 21.5 | 31.3 | 39.7 | 46.9 | 50.9 | 48.6 | 41.2 | 34.7 | 22.7 | 18.2 | 32.1 |
| | S D | 18.231 | 15.333 | 11.608 | 5.671 | 5.778 | 4.578 | 4.054 | 5.151 | 6.994 | 7.691 | 12.209 | 14.606 | 16.697 |
| | TOTAL OBS | 915 | 844 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10936 |
| 09-11 | MEAN | 12.4 | 19.9 | 26.3 | 35.8 | 43.5 | 50.0 | 54.3 | 53.0 | 46.2 | 38.1 | 24.7 | 19.8 | 35.4 |
| | S D | 17.644 | 13.257 | 9.775 | 5.381 | 5.734 | 4.655 | 4.278 | 4.469 | 5.962 | 6.833 | 11.675 | 14.745 | 16.889 |
| | TOTAL OBS | 922 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 927 | 10944 |
| 12-14 | MEAN | 15.7 | 24.5 | 30.4 | 38.3 | 45.5 | 51.6 | 55.9 | 54.9 | 49.2 | 40.8 | 27.3 | 21.6 | 38.1 |
| | S D | 15.678 | 10.902 | 8.308 | 5.366 | 5.753 | 4.790 | 4.319 | 4.554 | 5.816 | 6.399 | 10.915 | 13.213 | 15.911 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 15-17 | MEAN | 16.0 | 25.5 | 31.5 | 38.8 | 46.1 | 52.1 | 56.4 | 55.3 | 49.9 | 41.0 | 26.9 | 21.2 | 38.5 |
| | S D | 15.480 | 10.299 | 7.817 | 5.332 | 5.693 | 4.749 | 4.142 | 4.488 | 5.959 | 6.498 | 10.786 | 13.165 | 15.919 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 18-20 | MEAN | 13.6 | 22.4 | 28.4 | 36.7 | 45.0 | 51.5 | 55.9 | 54.3 | 47.5 | 38.2 | 24.9 | 19.9 | 36.6 |
| | S D | 16.677 | 11.574 | 8.398 | 5.430 | 5.779 | 4.853 | 4.198 | 4.749 | 6.232 | 6.656 | 11.923 | 13.831 | 16.691 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 21-23 | MEAN | 12.4 | 20.5 | 25.4 | 33.3 | 41.4 | 48.4 | 52.6 | 50.8 | 44.1 | 36.6 | 23.9 | 19.4 | 34.1 |
| | S D | 17.580 | 12.930 | 9.501 | 5.469 | 5.870 | 4.991 | 4.051 | 4.795 | 6.509 | 6.947 | 12.217 | 13.924 | 16.248 |
| | TOTAL OBS | 927 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10950 |
| ALL HOURS | MEAN | 13.1 | 20.7 | 26.1 | 34.4 | 42.0 | 48.6 | 52.8 | 51.4 | 45.1 | 37.3 | 24.7 | 19.6 | 34.7 |
| | S D | 17.245 | 13.377 | 10.359 | 6.386 | 6.752 | 5.797 | 5.257 | 5.809 | 7.343 | 7.398 | 11.847 | 14.014 | 16.448 |
| | TOTAL OBS | 7347 | 6764 | 7440 | 7200 | 7440 | 7200 | 7440 | 7440 | 7199 | 7440 | 7200 | 7423 | 87583 |

USAFETAC FORM 0-89-5 (OL-1)

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25216 PRINCE GEORGE B C DOT APT 57-66

(A.N.) (STATION NAME) (YEARS)

| HRS (L.S.T.) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 8.4 | 14.9 | 18.8 | 26.3 | 33.6 | 42.1 | 46.8 | 46.5 | 40.2 | 32.9 | 21.0 | 15.9 | 29.0 |
| | S D | 18.630 | 14.834 | 12.060 | 6.697 | 7.227 | 5.979 | 4.623 | 5.289 | 7.364 | 7.777 | 13.020 | 15.029 | 16.655 |
| | TOTAL OBS | 924 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10947 |
| 03-05 | MEAN | 8.2 | 14.0 | 17.6 | 25.6 | 32.9 | 41.1 | 45.6 | 45.2 | 39.1 | 32.2 | 20.4 | 15.5 | 28.2 |
| | S D | 18.845 | 15.633 | 12.620 | 6.670 | 6.937 | 5.644 | 4.610 | 5.594 | 7.562 | 7.870 | 13.046 | 15.228 | 16.996 |
| | TOTAL OBS | 919 | 844 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10940 |
| 06-08 | MEAN | 8.1 | 13.1 | 17.3 | 26.5 | 34.3 | 42.9 | 47.7 | 46.7 | 39.7 | 32.1 | 19.9 | 15.1 | 28.7 |
| | S D | 19.103 | 15.961 | 12.955 | 6.677 | 6.763 | 5.411 | 4.334 | 5.095 | 7.293 | 7.951 | 12.886 | 15.400 | 17.258 |
| | TOTAL OBS | 915 | 844 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10936 |
| 09-11 | MEAN | 8.8 | 15.5 | 19.9 | 27.1 | 34.1 | 42.6 | 48.2 | 48.1 | 42.2 | 34.0 | 21.2 | 15.7 | 29.9 |
| | S D | 18.541 | 13.986 | 11.639 | 7.103 | 7.334 | 6.032 | 4.857 | 4.871 | 7.033 | 7.645 | 12.369 | 15.216 | 16.845 |
| | TOTAL OBS | 922 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 899 | 930 | 900 | 927 | 10944 |
| 12-14 | MEAN | 11.3 | 18.8 | 21.7 | 28.5 | 33.2 | 41.6 | 47.2 | 47.4 | 42.7 | 34.7 | 22.9 | 17.6 | 30.5 |
| | S D | 16.948 | 11.779 | 10.291 | 7.462 | 8.109 | 6.607 | 5.198 | 5.469 | 7.510 | 7.728 | 11.658 | 14.300 | 15.551 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 15-17 | MEAN | 11.9 | 19.8 | 22.2 | 28.2 | 32.9 | 41.2 | 47.0 | 47.1 | 42.8 | 34.8 | 23.0 | 17.7 | 30.6 |
| | S D | 16.761 | 11.148 | 10.223 | 7.658 | 8.523 | 7.102 | 5.207 | 5.821 | 7.828 | 7.966 | 11.668 | 14.247 | 15.359 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 930 | 10956 |
| 16-20 | MEAN | 10.0 | 17.9 | 21.9 | 27.2 | 34.1 | 42.9 | 48.6 | 48.9 | 43.7 | 34.5 | 21.9 | 16.7 | 30.8 |
| | S D | 17.942 | 12.343 | 10.434 | 7.204 | 8.608 | 7.227 | 5.282 | 5.390 | 7.248 | 7.503 | 12.380 | 14.636 | 16.471 |
| | TOTAL OBS | 930 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 929 | 10955 |
| 21-23 | MEAN | 8.9 | 16.3 | 20.3 | 27.1 | 34.7 | 43.8 | 48.9 | 48.2 | 41.9 | 33.5 | 21.0 | 16.2 | 30.1 |
| | S D | 18.587 | 13.590 | 11.334 | 6.979 | 7.755 | 6.396 | 4.807 | 5.031 | 7.054 | 7.505 | 12.874 | 14.646 | 16.849 |
| | TOTAL OBS | 927 | 846 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 900 | 927 | 10950 |
| ALL HOURS | MEAN | 9.5 | 16.3 | 20.0 | 26.6 | 33.7 | 42.3 | 47.5 | 47.3 | 41.5 | 33.6 | 21.4 | 16.3 | 29.7 |
| | S D | 18.228 | 13.928 | 11.623 | 7.080 | 7.711 | 6.385 | 4.976 | 5.439 | 7.528 | 7.809 | 12.537 | 14.864 | 16.483 |
| | TOTAL OBS | 7397 | 6764 | 7440 | 7200 | 7440 | 7200 | 7440 | 7440 | 7199 | 7440 | 7200 | 7423 | 87383 |

USAFETAC FORM 0-89-5 (OL-1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 25206 | PRINCE GEORGE B C DOT APT | 57-66 | ALL |
|---|---|---|---|
| STATION | STATION NAME | PERIOD | MONTH |

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.0 | 86.6 | 62.9 | 25.8 | 82.5 | 7395 |
| FEB | | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 88.1 | 72.3 | 51.0 | 20.0 | 78.2 | 6763 |
| MAR | | 100.0 | 100.0 | 99.1 | 95.0 | 84.9 | 70.7 | 52.8 | 34.4 | 14.1 | 70.6 | 7439 |
| APR | | 100.0 | 99.6 | 94.5 | 82.6 | 68.6 | 53.5 | 37.4 | 23.6 | 10.9 | 62.6 | 7200 |
| MAY | | 100.0 | 98.4 | 89.0 | 74.8 | 60.7 | 47.8 | 35.7 | 23.6 | 11.8 | 59.8 | 7440 |
| JUN | | 100.0 | 99.7 | 94.0 | 82.0 | 68.6 | 56.3 | 44.7 | 31.4 | 15.4 | 64.8 | 7200 |
| JUL | | 100.0 | 99.9 | 96.5 | 86.5 | 73.2 | 59.8 | 47.2 | 34.7 | 17.7 | 67.1 | 7440 |
| AUG | | 100.0 | 99.8 | 97.6 | 91.1 | 81.9 | 71.9 | 60.8 | 48.5 | 29.0 | 73.8 | 7440 |
| SEP | | 100.0 | 100.0 | 99.8 | 97.1 | 90.4 | 80.2 | 68.0 | 54.2 | 34.1 | 78.1 | 7200 |
| OCT | | 100.0 | 100.0 | 99.9 | 97.7 | 91.3 | 80.2 | 67.1 | 52.6 | 34.0 | 78.0 | 7440 |
| NOV | | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 94.2 | 84.6 | 65.7 | 32.5 | 83.1 | 7200 |
| DEC | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 89.0 | 66.4 | 27.4 | 83.4 | 7422 |
| TOTALS | | 100.0 | 99.8 | 97.5 | 92.2 | 84.5 | 74.7 | 62.2 | 45.8 | 22.7 | 73.5 | 87579 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE B C DOT APT 57-66 JAN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20 | 30% | 40% | 50% | 60 | 70 | 80 | 90 | | |
| JAN | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 99.9 | 98.2 | 91.7 | 68.0 | 28.3 | 84.1 | 923 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.5 | 90.2 | 67.7 | 29.8 | 84.0 | 919 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.8 | 90.3 | 70.7 | 29.7 | 84.4 | 915 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.6 | 87.3 | 63.9 | 25.4 | 82.7 | 922 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.9 | 98.1 | 94.3 | 75.4 | 49.6 | 17.8 | 79.0 | 930 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.8 | 98.5 | 93.7 | 79.7 | 52.9 | 20.1 | 79.9 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.8 | 99.5 | 97.3 | 87.7 | 63.2 | 25.3 | 82.7 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.3 | 90.1 | 67.0 | 29.8 | 83.5 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 99.4 | 97.0 | 86.6 | 62.9 | 25.8 | 82.5 | 7395 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 25206 | PRINCE GEORGE B C DOT APT | 57-66 | FEB |
|---|---|---|---|
| STATION | STATION NAME | PERIOD | MONTH |

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 96.8 | 93.4 | 81.2 | 60.3 | 26.1 | 81.5 | 846 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 95.5 | 83.6 | 65.6 | 25.7 | 82.4 | 844 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 96.3 | 86.1 | 65.8 | 26.5 | 82.7 | 844 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.9 | 96.5 | 90.3 | 73.5 | 49.2 | 16.1 | 78.3 | 845 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.5 | 91.6 | 77.0 | 53.1 | 32.4 | 10.3 | 72.0 | 846 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 98.9 | 90.7 | 75.3 | 54.0 | 32.7 | 10.9 | 71.9 | 846 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 96.7 | 87.5 | 70.9 | 48.7 | 20.1 | 77.7 | 846 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 98.3 | 89.5 | 74.0 | 53.1 | 24.1 | 79.4 | 846 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 96.6 | 88.1 | 72.3 | 51.0 | 20.0 | 78.2 | 6763 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE A C DOT APT 57-66 MAR

STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | | |
| MAR | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 86.5 | 69.8 | 48.7 | 20.5 | 77.7 | 929 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 90.8 | 71.7 | 52.6 | 23.3 | 79.2 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 90.9 | 74.0 | 53.0 | 21.2 | 79.1 | 930 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 97.4 | 86.9 | 69.0 | 45.2 | 25.6 | 8.2 | 68.8 | 930 |
| | 12-14 | 100.0 | 100.0 | 98.3 | 88.2 | 63.8 | 42.5 | 24.3 | 12.2 | 3.9 | 58.8 | 930 |
| | 15-17 | 100.0 | 99.7 | 95.6 | 80.8 | 59.4 | 41.4 | 25.7 | 13.0 | 5.2 | 57.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.0 | 94.7 | 82.5 | 64.5 | 47.2 | 28.6 | 12.6 | 68.3 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.8 | 92.2 | 80.0 | 64.2 | 41.4 | 17.5 | 74.9 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.1 | 95.0 | 84.9 | 70.7 | 52.8 | 34.4 | 14.1 | 70.6 | 7439 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE B C OUT APT 57-66 APR

STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 100.0 | 99.2 | 95.6 | 80.8 | 57.3 | 37.3 | 17.4 | 74.1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.6 | 97.7 | 90.1 | 69.2 | 45.0 | 21.6 | 77.9 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 94.1 | 79.6 | 57.6 | 35.8 | 16.1 | 73.8 | 900 |
| | 09-11 | 100.0 | 99.9 | 97.0 | 85.2 | 59.8 | 37.4 | 23.0 | 14.6 | 5.8 | 57.8 | 900 |
| | 12-14 | 100.0 | 98.9 | 86.6 | 56.4 | 33.0 | 21.1 | 13.7 | 7.6 | 2.7 | 47.6 | 900 |
| | 15-17 | 100.0 | 98.1 | 80.1 | 47.8 | 29.9 | 19.4 | 12.8 | 7.8 | 2.6 | 45.5 | 900 |
| | 18-20 | 100.0 | 99.6 | 92.7 | 76.8 | 53.8 | 34.8 | 22.6 | 14.3 | 7.1 | 55.8 | 900 |
| | 21-23 | 100.0 | 100.0 | 99.7 | 96.4 | 84.8 | 64.4 | 43.2 | 26.2 | 14.0 | 68.3 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 94.5 | 82.6 | 68.6 | 53.5 | 37.4 | 23.6 | 10.9 | 62.6 | 7200 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE B C DOT APT 57-66 MAY

STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 99.7 | 97.1 | 89.7 | 74.6 | 60.0 | 41.0 | 22.0 | 74.3 | 930 |
| | 03-05 | 100.0 | 100.0 | 99.8 | 99.5 | 97.3 | 90.4 | 73.5 | 51.6 | 27.7 | 79.8 | 930 |
| | 06-08 | 100.0 | 100.0 | 99.7 | 97.7 | 87.1 | 66.5 | 44.3 | 30.1 | 16.1 | 69.8 | 930 |
| | 09-11 | 100.0 | 100.0 | 94.9 | 72.3 | 44.3 | 29.4 | 20.1 | 12.0 | 5.7 | 53.2 | 930 |
| | 12-14 | 100.0 | 97.3 | 73.0 | 44.8 | 27.1 | 19.2 | 13.9 | 7.4 | 1.7 | 44.1 | 930 |
| | 15-17 | 100.0 | 93.3 | 66.3 | 41.0 | 26.8 | 19.6 | 13.5 | 7.8 | 1.6 | 42.4 | 930 |
| | 18-20 | 100.0 | 96.8 | 80.1 | 57.8 | 39.7 | 27.7 | 20.8 | 13.2 | 6.1 | 49.7 | 930 |
| | 21-23 | 100.0 | 99.6 | 98.5 | 88.3 | 73.2 | 55.2 | 39.6 | 25.8 | 13.3 | 64.8 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 98.4 | 89.0 | 74.8 | 60.7 | 47.8 | 35.7 | 23.6 | 11.8 | 59.8 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25706 PRINCE GEORGE B C DOT APT 57-66 JUN
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 98.2 | 95.1 | 89.0 | 78.8 | 60.7 | 33.4 | 81.1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 98.6 | 95.9 | 87.8 | 71.4 | 41.0 | 85.2 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 94.2 | 79.6 | 57.1 | 35.7 | 17.6 | 74.0 | 900 |
| | 09-11 | 100.0 | 100.0 | 98.8 | 87.1 | 60.4 | 35.8 | 22.8 | 12.0 | 4.4 | 57.8 | 900 |
| | 12-14 | 100.0 | 99.6 | 87.6 | 58.0 | 34.3 | 20.8 | 13.7 | 7.7 | 1.7 | 47.9 | 900 |
| | 15-17 | 100.0 | 98.7 | 77.1 | 49.3 | 32.4 | 22.6 | 14.9 | 8.1 | 1.6 | 46.0 | 900 |
| | 18-20 | 100.0 | 99.4 | 89.3 | 68.2 | 48.4 | 35.4 | 26.1 | 17.9 | 5.4 | 54.5 | 900 |
| | 21-23 | 100.0 | 100.0 | 99.3 | 95.7 | 85.3 | 70.9 | 56.3 | 38.0 | 18.3 | 71.8 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 94.0 | 82.0 | 68.6 | 56.3 | 44.7 | 31.4 | 15.4 | 64.8 | 7200 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE B C DOT APT 57-65 JUL
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| JUL | 00-02 | 100.0 | 100.0 | 99.7 | 98.7 | 96.3 | 91.1 | 83.9 | 68.1 | 37.2 | 83.1 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 96.6 | 92.2 | 79.2 | 49.6 | 87.4 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 97.8 | 87.7 | 67.2 | 45.8 | 22.4 | 78.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.4 | 93.7 | 72.4 | 44.2 | 23.9 | 14.2 | 5.4 | 60.7 | 930 |
| | 12-14 | 100.0 | 99.8 | 92.6 | 67.2 | 38.2 | 21.7 | 13.0 | 6.9 | 1.6 | 49.6 | 930 |
| | 15-17 | 100.0 | 99.6 | 85.8 | 56.8 | 33.5 | 21.4 | 13.2 | 8.4 | 2.3 | 47.5 | 930 |
| | 18-20 | 100.0 | 100.0 | 94.3 | 77.1 | 55.1 | 36.9 | 23.2 | 14.8 | 5.6 | 56.1 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 98.8 | 92.3 | 78.6 | 61.2 | 40.2 | 17.2 | 74.4 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 96.5 | 86.5 | 73.2 | 59.8 | 47.2 | 34.7 | 17.7 | 67.1 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE B C DOT APT 57-66 AUG

STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 95.8 | 91.3 | 78.2 | 52.0 | 87.6 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 98.8 | 95.3 | 87.8 | 63.0 | 90.7 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 99.1 | 96.0 | 87.8 | 73.7 | 44.2 | 85.9 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.5 | 96.3 | 85.4 | 63.2 | 42.7 | 25.5 | 9.7 | 67.9 | 930 |
| | 12-14 | 100.0 | 99.8 | 94.9 | 78.4 | 55.7 | 36.6 | 21.9 | 12.3 | 5.4 | 55.9 | 930 |
| | 15-17 | 100.0 | 99.0 | 89.9 | 67.4 | 47.8 | 34.8 | 22.8 | 14.6 | 4.4 | 53.7 | 930 |
| | 18-20 | 100.0 | 99.8 | 96.9 | 88.0 | 73.2 | 59.8 | 44.2 | 31.2 | 15.4 | 66.4 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 99.0 | 95.8 | 90.5 | 80.6 | 64.5 | 38.0 | 82.4 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 97.6 | 91.1 | 81.9 | 71.9 | 60.8 | 48.5 | 29.0 | 73.8 | 7440 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

| 25206 | PRINCE GEORGE A C 30T APT | 57-66 | SEP |
|---|---|---|---|
| STATION | STATION NAME | PERIOD | MONTH |

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 99.6 | 99.1 | 96.9 | 91.2 | 79.7 | 56.0 | 88.1 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 99.8 | 98.3 | 95.1 | 87.1 | 65.1 | 90.7 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.4 | 92.9 | 83.0 | 59.3 | 89.6 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.4 | 95.6 | 80.7 | 57.2 | 36.4 | 18.8 | 74.5 | 900 |
| | 12-14 | 100.0 | 100.0 | 99.4 | 92.6 | 71.4 | 46.4 | 28.0 | 16.8 | 7.8 | 61.6 | 900 |
| | 15-17 | 100.0 | 100.0 | 98.6 | 86.8 | 63.1 | 40.0 | 26.8 | 17.3 | 6.8 | 59.4 | 900 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 98.9 | 94.9 | 84.7 | 64.9 | 40.3 | 17.4 | 75.7 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 96.1 | 87.8 | 73.2 | 41.2 | 85.5 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.8 | 97.1 | 90.4 | 80.2 | 68.0 | 54.2 | 34.1 | 78.1 | 7200 |

DATA PROCESSING DIVISION
FTAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

23206 PRINCE GEORGE B C DOT APT 57-66 OCT
STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.1 | 96.3 | 88.7 | 80.1 | 68.9 | 47.4 | 83.7 | 930 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.4 | 97.1 | 91.5 | 82.7 | 69.4 | 50.2 | 84.9 | 930 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.6 | 98.0 | 92.0 | 84.3 | 68.9 | 49.2 | 85.0 | 930 |
| | 09-11 | 100.0 | 100.0 | 99.8 | 98.4 | 93.9 | 62.3 | 63.4 | 44.7 | 25.5 | 76.6 | 930 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 94.2 | 79.1 | 57.1 | 38.1 | 23.2 | 12.9 | 66.5 | 930 |
| | 15-17 | 100.0 | 100.0 | 99.6 | 93.7 | 76.7 | 56.8 | 41.0 | 27.5 | 15.4 | 66.6 | 930 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 98.2 | 93.9 | 84.1 | 69.2 | 51.4 | 30.1 | 78.2 | 930 |
| | 21-23 | 100.0 | 100.0 | 99.9 | 98.7 | 95.6 | 88.9 | 78.1 | 64.7 | 40.9 | 82.1 | 930 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 97.7 | 91.3 | 80.2 | 67.1 | 52.6 | 34.0 | 78.0 | 7440 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

25206 PRINCE GEORGE A C OUT APT 57-66 NOV
STATION STATION NAME PERIOD MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90 | | |
| NOV | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 99.0 | 95.9 | 89.8 | 74.4 | 38.4 | 85.4 | 900 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 97.1 | 91.9 | 75.6 | 38.8 | 85.8 | 900 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 96.8 | 91.1 | 74.8 | 40.0 | 85.7 | 900 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 97.9 | 95.2 | 83.3 | 61.4 | 27.7 | 81.8 | 900 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.0 | 96.6 | 87.9 | 68.6 | 42.0 | 17.4 | 76.5 | 900 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.8 | 96.8 | 89.8 | 76.3 | 54.3 | 25.2 | 79.7 | 900 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.7 | 87.7 | 69.6 | 34.8 | 84.3 | 900 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.1 | 95.3 | 88.3 | 73.7 | 37.9 | 85.2 | 900 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 94.2 | 84.6 | 65.7 | 32.5 | 83.1 | 7200 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

2-206 PRINCE GEORGE B C DOT APT 57-66 DEC
STATION STATION NAME PERIOD MONTH

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

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.2 | 90.5 | 70.7 | 30.2 | 84.4 | 926 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 91.2 | 71.1 | 29.1 | 84.5 | 927 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 93.6 | 71.5 | 31.1 | 84.8 | 927 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.5 | 90.4 | 65.2 | 25.2 | 83.4 | 927 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 93.2 | 82.5 | 53.5 | 18.9 | 80.0 | 929 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.6 | 86.0 | 61.0 | 24.9 | 82.1 | 930 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 97.2 | 89.3 | 67.6 | 30.4 | 83.7 | 929 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 96.5 | 88.5 | 70.8 | 29.6 | 83.9 | 927 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.1 | 89.0 | 66.4 | 27.4 | 83.4 | 7422 |

USAFETAC FORM JUL 64 0-87-5 (OL 1)

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

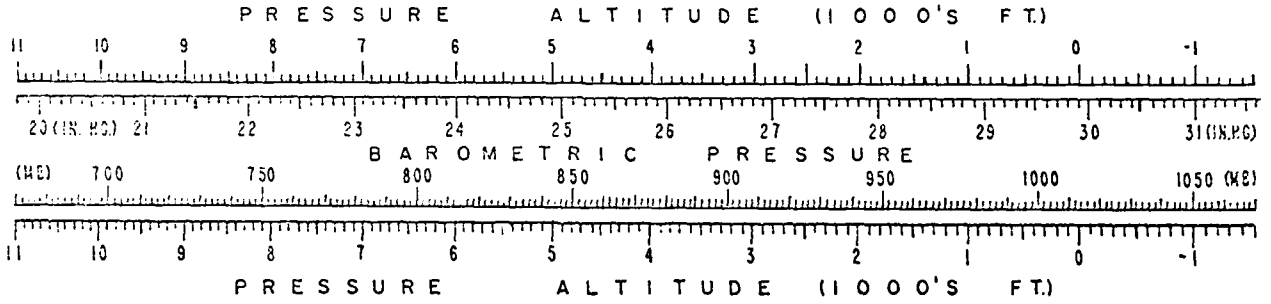
# PART F PRESSURE SUMMARY

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 to January 1946 through December 1963 because of changes in reporting practices before and after these dates.

1. Station pressure in inches of mercury.

2. Sea-level pressure 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.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE B C OUT APT 57-66

(STATION) (STATION NAME) (YEARS)

| HRS (LST) | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 27.634 | 27.575 | 27.548 | 27.579 | 27.609 | 27.606 | 27.664 | 27.649 | 27.649 | 27.590 | 27.566 | 27.572 | 27.603 |
| | S D | .324 | .265 | .257 | .218 | .156 | .131 | .119 | .137 | .186 | .255 | .283 | .298 | .232 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 04 | MEAN | 27.639 | 27.580 | 27.554 | 27.589 | 27.619 | 27.619 | 27.678 | 27.658 | 27.656 | 27.591 | 27.569 | 27.574 | 27.611 |
| | S D | .327 | .267 | .256 | .220 | .162 | .136 | .122 | .142 | .186 | .256 | .284 | .298 | .234 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 07 | MEAN | 27.636 | 27.583 | 27.562 | 27.603 | 27.635 | 27.631 | 27.693 | 27.674 | 27.670 | 27.597 | 27.572 | 27.568 | 27.619 |
| | S D | .329 | .272 | .260 | .222 | .164 | .139 | .126 | .146 | .188 | .258 | .286 | .298 | .237 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 10 | MEAN | 27.653 | 27.595 | 27.566 | 27.600 | 27.626 | 27.621 | 27.687 | 27.673 | 27.673 | 27.607 | 27.585 | 27.582 | 27.623 |
| | S D | .333 | .275 | .263 | .223 | .163 | .138 | .124 | .144 | .188 | .259 | .288 | .302 | .238 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 13 | MEAN | 27.637 | 27.579 | 27.543 | 27.577 | 27.599 | 27.597 | 27.664 | 27.653 | 27.652 | 27.593 | 27.569 | 27.567 | 27.603 |
| | S D | .330 | .272 | .264 | .218 | .158 | .133 | .121 | .138 | .185 | .256 | .289 | .302 | .236 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 16 | MEAN | 27.634 | 27.565 | 27.522 | 27.556 | 27.577 | 27.576 | 27.642 | 27.630 | 27.631 | 27.579 | 27.562 | 27.566 | 27.587 |
| | S D | .326 | .268 | .261 | .211 | .152 | .130 | .118 | .133 | .183 | .256 | .284 | .301 | .232 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 19 | MEAN | 27.631 | 27.562 | 27.523 | 27.552 | 27.575 | 27.574 | 27.636 | 27.623 | 27.628 | 27.580 | 27.559 | 27.565 | 27.584 |
| | S D | .324 | .267 | .257 | .208 | .149 | .126 | .114 | .133 | .185 | .254 | .283 | .300 | .230 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 22 | MEAN | 27.636 | 27.565 | 27.533 | 27.569 | 27.597 | 27.594 | 27.652 | 27.637 | 27.641 | 27.585 | 27.562 | 27.569 | 27.595 |
| | S D | .323 | .269 | .253 | .212 | .149 | .127 | .116 | .136 | .184 | .255 | .282 | .300 | .231 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| ALL HOURS | MEAN | 27.637 | 27.575 | 27.544 | 27.578 | 27.604 | 27.602 | 27.665 | 27.650 | 27.650 | 27.590 | 27.568 | 27.570 | 27.603 |
| | S D | .327 | .269 | .259 | .217 | .158 | .134 | .121 | .140 | .186 | .256 | .285 | .300 | .234 |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2480 | 2400 | 2480 | 2480 | 2400 | 2480 | 2400 | 2480 | 29216 |

USAFETAC FORM 0-89-5 (OL-1)

DATA PROCESSING DIVISION
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# MEANS AND STANDARD DEVIATIONS

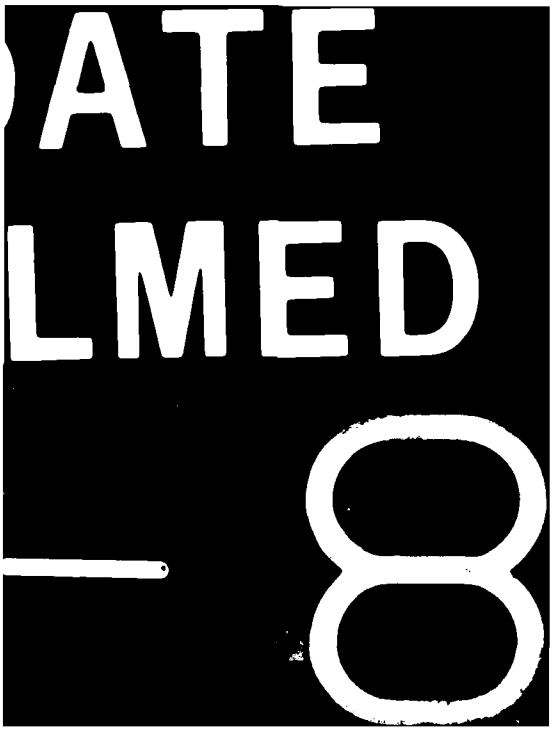
SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

25206 PRINCE GEORGE B C OUT APT 57-66

STATION STATION NAME YEARS

| HRS LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 1019.7 | 1016.5 | 1014.8 | 1014.9 | 1015.1 | 1014.6 | 1016.3 | 1015.9 | 1016.6 | 1015.2 | 1015.7 | 1016.6 | 1016.0 |
| | S D | 12.874 | 10.189 | 9.799 | 8.056 | 5.744 | 4.885 | 4.378 | 5.019 | 6.948 | 9.587 | 10.832 | 11.327 | 8.824 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 04 | MEAN | 1019.9 | 1016.7 | 1015.0 | 1015.3 | 1015.7 | 1015.1 | 1016.8 | 1016.3 | 1016.9 | 1015.3 | 1015.9 | 1016.7 | 1016.3 |
| | S D | 13.014 | 10.285 | 9.747 | 8.112 | 5.967 | 5.072 | 4.501 | 5.174 | 6.992 | 9.626 | 10.873 | 11.340 | 8.891 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 07 | MEAN | 1020.0 | 1017.1 | 1015.7 | 1016.0 | 1016.1 | 1015.4 | 1017.3 | 1017.0 | 1017.7 | 1015.8 | 1016.2 | 1016.7 | 1016.7 |
| | S D | 13.210 | 10.579 | 9.985 | 8.216 | 5.952 | 5.101 | 4.535 | 5.271 | 7.078 | 9.741 | 10.965 | 11.363 | 8.996 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 10 | MEAN | 1020.6 | 1017.4 | 1015.7 | 1015.8 | 1015.8 | 1015.1 | 1017.1 | 1016.9 | 1017.7 | 1016.0 | 1016.6 | 1017.2 | 1016.8 |
| | S D | 13.350 | 10.605 | 10.013 | 8.221 | 5.901 | 5.024 | 4.501 | 5.207 | 7.048 | 9.745 | 11.036 | 11.506 | 9.054 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 13 | MEAN | 1019.8 | 1016.7 | 1014.6 | 1014.8 | 1014.8 | 1014.2 | 1016.3 | 1016.1 | 1016.8 | 1015.3 | 1015.9 | 1016.5 | 1016.0 |
| | S D | 13.170 | 10.398 | 10.022 | 8.050 | 5.773 | 4.899 | 4.420 | 4.997 | 6.868 | 9.608 | 11.019 | 11.461 | 8.950 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 16 | MEAN | 1019.7 | 1016.1 | 1013.8 | 1014.1 | 1014.2 | 1013.5 | 1015.5 | 1015.3 | 1016.0 | 1014.8 | 1015.7 | 1016.5 | 1015.4 |
| | S D | 12.996 | 10.237 | 9.880 | 7.782 | 5.554 | 4.805 | 4.305 | 4.828 | 6.795 | 9.577 | 10.867 | 11.420 | 8.854 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 19 | MEAN | 1019.8 | 1016.3 | 1014.2 | 1014.1 | 1013.9 | 1013.3 | 1015.2 | 1015.1 | 1016.2 | 1015.2 | 1015.8 | 1016.5 | 1015.5 |
| | S D | 13.040 | 10.316 | 9.836 | 7.672 | 5.412 | 4.685 | 4.140 | 4.789 | 6.907 | 9.933 | 10.871 | 11.421 | 8.844 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 22 | MEAN | 1020.0 | 1016.3 | 1014.5 | 1014.7 | 1014.8 | 1014.1 | 1015.8 | 1015.6 | 1016.5 | 1015.2 | 1015.8 | 1016.7 | 1015.8 |
| | S D | 12.978 | 10.327 | 9.659 | 7.821 | 5.478 | 4.704 | 4.263 | 4.977 | 6.904 | 9.575 | 10.841 | 11.425 | 8.826 |
| | TOTAL OBS | 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| ALL HOURS | MEAN | 1019.9 | 1016.7 | 1014.8 | 1015.0 | 1015.1 | 1014.4 | 1016.3 | 1016.0 | 1016.8 | 1015.3 | 1016.0 | 1016.7 | 1016.1 |
| | S D | 13.064 | 10.360 | 9.869 | 8.009 | 5.765 | 4.933 | 4.432 | 5.069 | 6.958 | 9.617 | 10.901 | 11.394 | 8.918 |
| | TOTAL OBS | 2480 | 2256 | 2480 | 2400 | 2480 | 2400 | 2480 | 2480 | 2400 | 2480 | 2400 | 2480 | 29216 |

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