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USAFETAC/DS-79/032

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# USAFETAC
## Air Weather Service ( MAC )

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

MYRTLE BEACH AFB SOUTH CAROLINA WBAN #13717
N 33 41 W 078 56 FLD ELEV 35 FT KMYR WMO #74791

PARTS A-F

POR FROM HOURLY OBS NOV 42-JUL 47, JAN 49 DEC 72
POR FROM DAILY OBS NOV 42-JUL 47, JAN 49-DEC 54,
NOV 56-DEC 72

JUL 03 1975

FEDERAL BUILDING
ASHEVILLE N. C.

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

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18 SUPPLEMENTARY NOTES

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

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

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

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

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

* South Carolina * Myrtle Beach AFB, SC

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

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

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# REVISED UNIFORM SUMMARY
# OF SURFACE WEATHER OBSERVATIONS

## HOURLY OBSERVATIONS

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

## DAILY OBSERVATIONS

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

## DESCRIPTION OF SUMMARIES

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

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

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION
SNOWFALL
SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY
SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP
EXTREME MAX & MIN TEMP
PSYCHROMETRIC-DRY VS WET BULB
MEAN & STD DEV .
(DRY BULB, WET BULB, & DEW POINT)
RELATIVE HUMIDITY

PART F STATION PRESSURE
SEA LEVEL PRESSURE

## STANDARD 3-HOUR GROUPS

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

## MISSING HOUR GROUPS

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

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



S74 29958

| STATION NO ON SUMMARY | STATION NAME | LATITUDE | LONGITUDE | STATION ELEV (FT) | CALL SIGN | WMO NUMBER |
|---|---|---|---|---|---|---|
| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | N 33 41 | W 078 56 | 35 | KMYR | 74791 |

# 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) | HGT F/ TYPE BAROMETER | |
| 1 | Myttle Beach AAB S.C. | AAF | Nov 42 | Jul 47 | N 33 41 | W 078 56 | 25 | 28 | 24 |
| 2 | Myrtle Beach Caa S.C. | CAA | Jan 49 | 22Nov 56 | Same | Same | 35 | 25 | 24 |
| 3 | Myrtle Beach AFB S.C. | AFB | 23Nov 56 | May 72 | Same | Same | Same | Same | 24 |
| 4 | Same | Same | Jun 72 | Dec 72 | Same | Same | Same | Same | 16to24 |

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 1 | Nov 42to Jul 46 | Located on the Base Operations Bldg | Selsyn | ML-144B | 56 Ft | |
| 2 | Aug 46to Jul 47 | Same | Same | Same | 55 Ft | |
| 3 | Jan 49to 22Nov 56 | Located on the roof. | F420A | None | 30 Ft | |
| 4 | 23Nov 56 toFeb 59 | Located on top of Control Tower. | AN/GMQ-1 | ML204 | 57 Ft | |
| 5 | Mar 59to Feb 62 | Located 3425 ft NNE of Station. | AN/GMQ-11 | RO-2 | 10 Ft | |
| 6 | Mar 62to Feb 63 | Located 1675 ft N of Station,850 ft W of centerlineof Rnwy 17/35. | Same | Same | Same | |

USAFETAC FORM APR 68 0-19 (OL A)

CONTINUED ON REVERSE SIDE

| NUMBER OF LOCATION | DATE OF CHANGE | SURFACE WIND EQUIPMENT INFORMATION | | | | REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE |
|---|---|---|---|---|---|---|
| | | LOCATION | TYPE OF TRANSMITTER | TYPE OF RECORDER | HT ABOVE GROUND | |
| 7 | Mar 63to | 1.Same | AN/GMQ-11 | RO-2 | 10 Ft | |
| | Feb 70 | 2.Located 500 ft from S end of Rnwy 850 ft W of centerline. | Same | -- | Same | |
| 8 | Mar 70to | 1.Located 500 ft from end of Rnwy | Same | RO-362 | Same | |
| | Jun 71 | 17,575 ft W of centerline. | | | | |
| | | 2.Located 750 ft from end of Rnwy 35,750 ft W of centerline. | Same | | Same | |
| 9 | Jul 71to | 1.Same | AN/GMQ-20 | Same | Same | |
| | Dec 72 | 2.Located 1075 ft from end of Rnwy 35,750 ft W of centerline. | Same | | Same | |

MAC-8 AFB, IB 66-6078

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A

# PART A WEATHER CONDITIONS

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

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

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

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

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

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

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

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

Hail - Occurrences of hail and small hail are included.

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

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

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

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

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

Continued on Reverse

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

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



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# WEATHER CONDITIONS

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-47,49-72 (YEARS) | ALL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | ALL | .1 | 9.6 | .2 | .2 | | 10.0 | 18.4 | 13.0 | | .0 | 28.5 | 21409 |
| FEB | | .2 | 9.5 | .1 | .3 | | 9.8 | 15.6 | 15.4 | | .0 | 28.2 | 19477 |
| MAR | | .5 | 9.1 | .2 | .1 | .0 | 9.3 | 15.8 | 11.5 | | .2 | 25.2 | 21448 |
| APR | | .8 | 5.5 | | | | 5.5 | 11.1 | 8.7 | | .2 | 18.4 | 20714 |
| MAY | | 1.8 | 5.2 | | | | 5.2 | 10.5 | 12.0 | | .1 | 20.6 | 21339 |
| JUN | | 3.2 | 5.5 | | | | 5.5 | 9.2 | 12.6 | | .0 | 19.5 | 20138 |
| JUL | | 4.5 | 6.4 | | | | 6.4 | 7.6 | 12.0 | | | 17.8 | 20490 |
| AUG | | 3.4 | 6.3 | | | .0 | 6.3 | 10.5 | 13.8 | | | 21.9 | 19969 |
| SEP | | 1.4 | 6.9 | | | | 6.9 | 12.0 | 13.9 | | | 23.2 | 19830 |
| OCT | | .3 | 5.8 | | | | 5.8 | 14.1 | 12.8 | | | 24.1 | 20502 |
| NOV | | .2 | 5.2 | | .0 | | 5.2 | 12.9 | 13.1 | | | 23.0 | 20558 |
| DEC | | .1 | 7.4 | .0 | .2 | | 7.6 | 16.8 | 11.8 | | | 26.0 | 21256 |
| TOTALS | | 1.4 | 6.9 | .0 | .1 | .0 | 7.0 | 12.9 | 12.6 | | .0 | 23.0 | 247130 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | 00-02 | .3 | 9.8 | .1 | .5 | | 10.3 | 23.1 | 11.8 | | .0 | 31.4 | 2666 |
| | 03-05 | .1 | 9.2 | .3 | .4 | | 9.9 | 25.7 | 10.6 | | .1 | 32.7 | 2669 |
| | 06-08 | .1 | 10.3 | .3 | .4 | | 10.9 | 27.5 | 12.8 | | | 35.3 | 2681 |
| | 09-11 | .1 | 10.6 | .2 | .2 | | 11.0 | 15.8 | 14.9 | | | 28.4 | 2685 |
| | 12-14 | .1 | 9.0 | .3 | .3 | | 9.6 | 10.4 | 12.3 | | .0 | 21.0 | 2676 |
| | 15-17 | .1 | 9.4 | .1 | .1 | | 9.6 | 9.7 | 12.0 | | .0 | 20.6 | 2681 |
| | 18-20 | .1 | 9.2 | .1 | | | 9.4 | 14.5 | 14.9 | | .0 | 27.1 | 2678 |
| | 21-23 | .2 | 9.4 | .1 | | | 9.4 | 20.1 | 15.0 | | | 31.4 | 2673 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 9.6 | .2 | .2 | | 10.0 | 18.4 | 13.0 | | .0 | 28.5 | 21409 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FEB | 00-02 | .4 | 9.6 | | .3 | | 9.8 | 20.3 | 16.1 | | | 32.6 | 2440 |
| | 03-05 | .2 | 9.6 | .2 | .5 | | 10.3 | 22.6 | 14.5 | | | 33.3 | 2439 |
| | 06-08 | .1 | 9.5 | .2 | .3 | | 10.0 | 23.8 | 16.9 | | | 35.4 | 2438 |
| | 09-11 | .2 | 10.5 | .0 | .5 | | 10.9 | 12.7 | 15.7 | | .1 | 26.2 | 2439 |
| | 12-14 | .2 | 8.8 | .0 | .3 | | 9.1 | 8.4 | 13.0 | | | 20.1 | 2439 |
| | 15-17 | .1 | 8.2 | | .4 | | 8.4 | 8.9 | 13.3 | | | 20.6 | 2431 |
| | 18-20 | .2 | 9.7 | | .2 | | 9.9 | 12.2 | 16.5 | | | 27.0 | 2426 |
| | 21-23 | .2 | 9.8 | .0 | .2 | | 9.9 | 15.6 | 17.1 | | | 30.4 | 2425 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 9.5 | .1 | .3 | | 9.8 | 15.6 | 15.4 | | .0 | 28.2 | 19477 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAR | 00-02 | .7 | 9.8 | .2 | .1 | | 10.1 | 21.3 | 11.3 | | .1 | 30.0 | 2682 |
| | 03-05 | .8 | 10.5 | .2 | .1 | | 10.7 | 25.2 | 9.7 | | .1 | 31.8 | 2684 |
| | 06-08 | .3 | 10.1 | .1 | .0 | | 10.3 | 26.6 | 11.2 | | .1 | 33.5 | 2681 |
| | 09-11 | .4 | 9.1 | .1 | .1 | | 9.3 | 11.3 | 11.5 | | | 21.0 | 2685 |
| | 12-14 | .4 | 7.4 | .2 | .3 | | 7.6 | 7.0 | 10.8 | | .1 | 16.8 | 2680 |
| | 15-17 | .4 | 8.0 | .2 | .2 | | 8.3 | 8.2 | 11.0 | | .4 | 18.2 | 2677 |
| | 18-20 | .6 | 9.1 | .1 | .1 | | 9.2 | 11.4 | 13.6 | | .4 | 24.1 | 2677 |
| | 21-23 | .6 | 8.8 | .2 | .0 | .0 | 9.0 | 15.2 | 12.6 | | .2 | 26.2 | 2682 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .5 | 9.1 | .2 | .1 | .0 | 9.3 | 15.8 | 11.5 | | .2 | 25.2 | 21448 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| APR | 00-02 | .8 | 6.1 | | | | 6.1 | 15.8 | 9.5 | | .1 | 23.3 | 2589 |
| | 03-05 | .8 | 6.2 | | | | 6.2 | 25.0 | 9.4 | | | 31.6 | 2593 |
| | 06-08 | .8 | 5.0 | | | | 5.0 | 21.2 | 10.9 | | | 28.3 | 2590 |
| | 09-11 | .5 | 5.4 | | | | 5.4 | 5.0 | 6.9 | | .0 | 11.5 | 2591 |
| | 12-14 | .7 | 5.9 | | | | 5.9 | 3.6 | 6.7 | | .3 | 10.2 | 2591 |
| | 15-17 | .9 | 5.9 | | | | 5.9 | 3.7 | 6.7 | | .6 | 10.6 | 2589 |
| | 18-20 | 1.0 | 4.6 | | | | 4.6 | 5.1 | 9.9 | | .4 | 14.5 | 2586 |
| | 21-23 | 1.0 | 5.1 | | | | 5.1 | 9.4 | 9.3 | | .2 | 17.2 | 2585 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .8 | 5.5 | | | | 5.5 | 11.1 | 8.7 | | .2 | 18.4 | 20714 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAY | 00-02 | 2.1 | 5.1 | | | | 5.1 | 17.0 | 14.0 | | | 28.4 | 2669 |
| | 03-05 | 1.1 | 4.3 | | | | 4.3 | 29.1 | 14.5 | | | 38.5 | 2671 |
| | 06-08 | .5 | 4.7 | | | | 4.7 | 17.9 | 15.7 | | | 29.5 | 2665 |
| | 09-11 | .4 | 5.0 | | | | 5.0 | 3.8 | 9.2 | | | 12.4 | 2665 |
| | 12-14 | 1.9 | 5.9 | | | | 5.9 | 2.3 | 8.0 | | .1 | 10.0 | 2662 |
| | 15-17 | 3.3 | 6.7 | | | | 6.7 | 2.0 | 8.0 | | .2 | 10.0 | 2670 |
| | 18-20 | 3.5 | 5.5 | | | | 5.5 | 3.4 | 12.8 | | .1 | 15.5 | 2668 |
| | 21-23 | 1.9 | 4.7 | | | | 4.7 | 8.3 | 13.9 | | | 20.5 | 2669 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.8 | 5.2 | | | | 5.2 | 10.5 | 12.0 | | .1 | 20.6 | 21339 |

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AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-47,49-72 | 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 | 2.5 | 4.8 | | | | 4.8 | 13.3 | 14.6 | | | 25.0 | 2470 |
| | 03-05 | 1.1 | 4.2 | | | | 4.2 | 29.5 | 13.8 | | | 37.9 | 2468 |
| | 06-08 | 1.0 | 4.5 | | | | 4.5 | 16.3 | 16.7 | | | 27.6 | 2513 |
| | 09-11 | .8 | 4.8 | | | | 4.8 | 2.6 | 8.7 | | .0 | 10.7 | 2538 |
| | 12-14 | 4.3 | 6.0 | | | | 6.0 | 1.3 | 9.5 | | .0 | 10.8 | 2535 |
| | 15-17 | 6.6 | 7.6 | | | | 7.6 | 2.0 | 10.0 | | .2 | 11.5 | 2539 |
| | 18-20 | 6.2 | 6.7 | | | | 6.7 | 2.7 | 13.1 | | .0 | 14.2 | 2543 |
| | 21-23 | 3.4 | 5.6 | | | | 5.6 | 5.5 | 14.7 | | | 18.2 | 2532 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.2 | 5.5 | | | | 5.5 | 9.2 | 12.6 | | .0 | 19.5 | 20138 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

| MONTH | HOURS (L S T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JUL | 00-02 | 3.5 | 5.0 | | | | 5.0 | 10.3 | 14.5 | | | 23.2 | 2491 |
| | 03-05 | 2.5 | 5.1 | | | | 5.1 | 23.9 | 15.4 | | | 35.2 | 2512 |
| | 06-08 | 1.1 | 4.0 | | | | 4.0 | 14.4 | 15.2 | | | 24.9 | 2584 |
| | 09-11 | 1.7 | 5.4 | | | | 5.4 | 1.9 | 7.7 | | | 9.4 | 2593 |
| | 12-14 | 7.1 | 6.8 | | | | 6.8 | .9 | 7.8 | | | 8.6 | 2587 |
| | 15-17 | 8.2 | 9.0 | | | | 9.0 | 1.5 | 8.0 | | | 9.0 | 2596 |
| | 18-20 | 6.8 | 9.0 | | | | 9.0 | 2.9 | 12.1 | | | 13.9 | 2588 |
| | 21-23 | 4.7 | 6.8 | | | | 6.8 | 4.8 | 15.0 | | | 18.5 | 2539 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 4.5 | 6.4 | | | | 6.4 | 7.6 | 12.0 | | | 17.8 | 20490 |

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| AUG | 00-02 | 2.2 | 4.7 | | | | 4.7 | 14.6 | 16.3 | | | 27.5 | 2486 |
| | 03-05 | 2.2 | 5.2 | | | | 5.2 | 28.4 | 16.8 | | | 39.4 | 2501 |
| | 06-08 | 1.1 | 5.4 | | | | 5.4 | 23.5 | 17.8 | | | 35.0 | 2489 |
| | 09-11 | 1.3 | 6.3 | | | | 6.3 | 3.9 | 11.3 | | | 14.4 | 2504 |
| | 12-14 | 4.1 | 7.0 | | | | 7.0 | 1.6 | 9.7 | | | 11.2 | 2489 |
| | 15-17 | 8.0 | 7.8 | | | .0 | 7.8 | 1.6 | 9.5 | | | 10.8 | 2503 |
| | 18-20 | 5.7 | 7.9 | | | | 7.9 | 3.5 | 13.7 | | | 16.4 | 2493 |
| | 21-23 | 2.8 | 5.7 | | | | 5.7 | 6.8 | 15.3 | | | 20.1 | 2504 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 3.4 | 6.3 | | | .0 | 6.3 | 10.5 | 13.8 | | | 21.9 | 19969 |

DATA PROCESSING BRANCH
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# WEATHER CONDITIONS

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-46,49-72 — YEARS
SEP — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SEP | 00-02 | 1.3 | 5.6 | | | | 5.6 | 17.3 | 14.8 | | | 28.9 | 2419 |
| | 03-05 | .9 | 6.2 | | | | 6.2 | 31.0 | 15.6 | | | 41.6 | 2426 |
| | 06-08 | .7 | 6.3 | | | | 6.3 | 29.3 | 19.2 | | | 39.3 | 2502 |
| | 09-11 | .3 | 6.2 | | | | 6.2 | 4.6 | 12.3 | | | 15.7 | 2504 |
| | 12-14 | 1.8 | 7.5 | | | | 7.5 | 2.2 | 9.9 | | | 11.7 | 2497 |
| | 15-17 | 2.9 | 8.6 | | | | 8.6 | 2.2 | 10.2 | | | 12.1 | 2510 |
| | 18-20 | 2.5 | 7.9 | | | | 7.9 | 3.0 | 13.6 | | | 15.6 | 2497 |
| | 21-23 | 1.0 | 6.9 | | | | 6.9 | 6.6 | 15.6 | | | 20.5 | 2475 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | 1.4 | 6.9 | | | | 6.9 | 12.0 | 13.9 | | | 23.2 | 19830 |

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

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USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OCT | 00-02 | .3 | 5.5 | | | | 5.5 | 23.3 | 13.9 | | | 32.7 | 2511 |
| | 03-05 | .5 | 7.0 | | | | 7.0 | 31.2 | 14.2 | | | 39.9 | 2523 |
| | 06-08 | .4 | 7.6 | | | | 7.6 | 28.5 | 17.4 | | | 39.4 | 2582 |
| | 09-11 | .2 | 5.8 | | | | 5.8 | 5.8 | 12.0 | | | 16.9 | 2587 |
| | 12-14 | .2 | 5.1 | | | | 5.1 | 2.4 | 7.7 | | | 9.8 | 2583 |
| | 15-17 | .3 | 5.3 | | | | 5.3 | 2.4 | 8.6 | | | 10.7 | 2582 |
| | 18-20 | .3 | 5.0 | | | | 5.0 | 5.8 | 14.2 | | | 18.3 | 2577 |
| | 21-23 | .3 | 4.7 | | | | 4.7 | 13.7 | 14.3 | | | 25.1 | 2557 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .3 | 5.8 | | | | 5.8 | 14.1 | 12.8 | | | 24.1 | 20502 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NOV | 00-02 | .2 | 5.7 | | | | 5.7 | 19.7 | 13.8 | | | 29.6 | 2513 |
| | 03-05 | .2 | 6.2 | | | | 6.2 | 23.7 | 13.6 | | | 32.7 | 2516 |
| | 06-08 | .1 | 5.3 | | .0 | | 5.3 | 25.4 | 16.1 | | | 35.0 | 2565 |
| | 09-11 | | 4.2 | | .0 | | 4.2 | 6.1 | 12.2 | | | 16.7 | 2599 |
| | 12-14 | .1 | 4.5 | | | | 4.5 | 3.3 | 9.4 | | | 11.7 | 2596 |
| | 15-17 | .2 | 4.9 | | | | 4.9 | 3.6 | 9.7 | | | 12.7 | 2595 |
| | 18-20 | .3 | 5.3 | | | | 5.3 | 7.6 | 14.6 | | | 20.5 | 2583 |
| | 21-23 | .2 | 5.3 | | | | 5.3 | 13.4 | 15.2 | | | 24.9 | 2591 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .2 | 5.2 | | .0 | | 5.2 | 12.9 | 13.1 | | | 23.0 | 20558 |

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# WEATHER CONDITIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

| MONTH | HOURS (L S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DEC | 00-02 | .2 | 7.1 | | | | 7.1 | 22.1 | 10.6 | | | 29.8 | 2601 |
| | 03-05 | .2 | 6.7 | | .2 | | 6.8 | 23.6 | 11.0 | | | 30.9 | 2589 |
| | 06-08 | | 7.7 | | .1 | | 7.8 | 25.4 | 12.7 | | | 33.5 | 2654 |
| | 09-11 | .1 | 8.0 | .1 | .1 | | 8.2 | 13.7 | 13.8 | | | 24.8 | 2688 |
| | 12-14 | .0 | 7.7 | .2 | .1 | | 8.0 | 7.7 | 10.5 | | | 17.0 | 2688 |
| | 15-17 | .2 | 7.5 | .0 | .3 | | 7.8 | 8.8 | 11.1 | | | 18.7 | 2685 |
| | 18-20 | .1 | 7.5 | | .3 | | 7.8 | 14.3 | 13.0 | | | 24.8 | 2677 |
| | 21-23 | .2 | 7.3 | | .3 | | 7.6 | 18.9 | 12.0 | | | 28.5 | 2674 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| TOTALS | | .1 | 7.4 | .0 | .2 | | 7.6 | 16.8 | 11.8 | | | 26.0 | 21256 |

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

# PART A ATMOSPHERIC PHENOMENA

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

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

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

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

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

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

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



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DATA PROCESSING BRANCH
USAF ETAC
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XXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXX
WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 46-47, 49-53, 56-72 | ALL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

| MONTH | HOURS (L.S.T.) | THUNDER-STORMS | RAIN AND/OR DRIZZLE | FREEZING RAIN & /OR DRIZZLE | SNOW AND/OR SLEET | HAIL | % OF OBS WITH PRECIP. | FOG | SMOKE AND/OR HAZE | BLOWING SNOW | DUST AND/OR SAND | % OF OBS WITH OBST TO VISION | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| JAN | DAILY | 2.5 | 39.8 | 2.0 | 2.9 | | 40.5 | 49.9 | 37.6 | | | 58.3 | 713 |
| FEB | | 4.2 | 43.0 | .6 | 2.6 | | 41.6 | 49.6 | 41.0 | | | 62.9 | 649 |
| MAR | | 7.6 | 42.1 | .7 | 1.8 | .1 | 42.4 | 49.8 | 34.5 | | | 56.7 | 713 |
| APR | | 11.3 | 36.0 | | | .4 | 35.2 | 48.6 | 36.8 | | | 57.1 | 690 |
| MAY | | 18.5 | 38.2 | | | .9 | 38.1 | 51.5 | 48.2 | | | 65.2 | 682 |
| JUN | | 29.8 | 46.3 | | | .2 | 45.2 | 49.3 | 47.7 | | | 63.8 | 661 |
| JUL | | 41.5 | 55.7 | | | | 55.9 | 47.0 | 47.2 | | | 62.2 | 651 |
| AUG | | 32.7 | 46.1 | | | .2 | 46.2 | 55.9 | 54.2 | | | 70.4 | 651 |
| SEP | | 15.4 | 36.9 | | | | 36.1 | 56.0 | 49.9 | | | 68.8 | 629 |
| OCT | | 5.1 | 31.0 | | | | 30.5 | 53.2 | 49.2 | | | 66.5 | 650 |
| NOV | | 2.8 | 29.6 | | .2 | | 29.5 | 49.7 | 38.6 | | | 59.1 | 638 |
| DEC | | 1.8 | 33.9 | .1 | 1.2 | | 32.8 | 46.3 | 35.0 | | | 54.0 | 682 |
| TOTALS | | 14.4 | 39.9 | .3 | .7 | .1 | 39.5 | 50.6 | 43.3 | | | 62.1 | 8009 |

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

B

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

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

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

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

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

Continued on Reverse Side

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

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

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

| Air Force Stations: | | U. S. Navy and National Weather Service (USWB) | |
|---|---|---|---|
| Beginning thru 1945 | at 0800LST | Beginning thru Jun 52 | at 0030GMT |
| Jan 46-May 47 | at 1230GMT | Jul 52-May 57 | at 1230GMT |
| Jun 57-present | at 1200GMT | Jun 57-present | at 1200GMT |



74-29961

DATA PROCESSING BRANCH
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# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION
(FROM DAILY OBSERVATIONS)

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47, 49-54, 56-72 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP. | NONE | TRACE | 01 | 02-05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 58.5 | 10.0 | 2.5 | 7.0 | 4.5 | 4.3 | 6.1 | 4.3 | 2.5 | .1 | | | | 31.4 | 837 | 3.25 | 8.21 | .44 |
| FEB | 57.7 | 10.5 | 1.8 | 5.4 | 2.8 | 6.3 | 6.3 | 4.9 | 3.0 | .3 | | | | 31.8 | 762 | 3.39 | 7.49 | .92 |
| MAR | 56.4 | 8.5 | 1.7 | 5.3 | 4.7 | 6.0 | 7.3 | 6.5 | 3.7 | .1 | | | | 35.1 | 837 | 4.56 | 9.39 | 1.05 |
| APR | 63.5 | 11.6 | 1.9 | 4.4 | 3.0 | 6.4 | 3.7 | 3.7 | 1.7 | .1 | | | | 24.9 | 810 | 2.63 | 7.32 | .05 |
| MAY | 60.6 | 11.9 | 2.3 | 5.3 | 3.3 | 6.7 | 3.2 | 3.7 | 2.6 | .4 | | | | 27.5 | 837 | 3.08 | 6.57 | .95 |
| JUN | 55.4 | 13.1 | 2.0 | 4.0 | 3.5 | 6.3 | 5.8 | 4.8 | 4.2 | .7 | .2 | | | 31.5 | 810 | 5.30 | 10.18 | 1.25 |
| JUL | 42.8 | 13.6 | 3.6 | 6.9 | 4.1 | 7.6 | 7.6 | 7.3 | 5.2 | 1.1 | .1 | | | 43.5 | 806 | 6.70 | 16.39 | .00 |
| AUG | 52.6 | 13.0 | 1.7 | 4.5 | 3.7 | 6.7 | 7.3 | 5.7 | 3.6 | 1.0 | .1 | | | 34.4 | 806 | 5.85 | 14.64 | 1.05 |
| SEP | 61.5 | 9.7 | 2.1 | 5.3 | 3.5 | 5.0 | 3.2 | 4.0 | 4.0 | 1.4 | .4 | | | 28.7 | 780 | 5.66 | 13.74 | 1.00 |
| OCT | 72.1 | 8.6 | 1.9 | 3.5 | 1.7 | 3.7 | 2.6 | 2.9 | 2.6 | .4 | .1 | | | 19.4 | 806 | 3.09 | 10.31 | TRACE |
| NOV | 68.8 | 10.2 | 1.2 | 4.2 | 3.2 | 4.3 | 3.0 | 3.2 | 1.6 | .2 | .1 | | | 21.0 | 813 | 2.46 | 9.70 | .00 |
| DEC | 67.8 | 9.8 | 2.7 | 4.5 | 3.6 | 4.8 | 4.7 | 3.8 | 2.2 | .1 | | | | 26.4 | 867 | 2.94 | 5.99 | .26 |
| ANNUAL | 59.5 | 10.9 | 2.1 | 5.0 | 3.5 | 5.7 | 5.1 | 4.6 | 3.1 | .5 | .1 | | | 29.6 | 9771 | 48.91 | | |

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

# EXTREME VALUES
## PRECIPITATION

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

24 HOUR AMOUNTS IN INCHES

| MONTH / YEAR | JAN. | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | * .00 | .87 | |
| 43 | .88 | 1.17 | 1.59 | 1.61 | .34 | 1.98 | 1.09 | 3.18 | 2.72 | TRACE | .56 | 1.07 | 3.18 |
| 44 | 1.32 | 2.91 | 2.37 | .74 | 1.20 | 3.08 | 2.45 | 3.14 | 1.77 | 1.06 | .83 | .87 | 3.14 |
| 45 | .71 | 1.09 | 1.00 | .82 | 1.08 | 6.26 | 2.83 | 2.14 | 3.35 | .67 | .68 | 1.72 | 6.26 |
| 46 | 1.30 | 1.06 | .72 | .97 | 1.15 | 1.08 | 1.60 | 2.38 | .47 | 2.62 | .78 | .84 | 2.62 |
| 47 | .81 | .32 | .88 | .84 | 1.10 | 2.43* | .00 | | | | | | |
| 49 | .41 | .94 | .59 | .96 | 1.14 | .82 | 1.51 | 1.58 | 4.33 | 1.35 | .65 | .51 | 4.33 |
| 50 | .54 | .45 | 1.85 | .20 | 1.13 | 1.58 | 6.30 | .85 | 2.49 | 1.38 | .50 | 1.56 | 6.30 |
| 51 | .15 | .34 | 1.32 | 1.78 | .80 | 1.33 | 1.03 | .74 | 6.93 | .07 | 1.92 | .93 | 6.93 |
| 52 | .64 | 1.80 | .98 | .35 | 1.64 | 2.59 | 1.28 | 4.75 | 4.90 | 1.09 | 1.69 | .82 | 4.90 |
| 53 | 1.31 | 1.16 | 1.63 | 1.43 | .86 | 1.56 | .92 | 3.15 | 2.88 | .22 | 1.25 | 1.84 | 3.15 |
| 54 | .60 | 1.59 | 1.49 | .45 | 2.59 | 1.82 | 1.24 | .85 | 1.45 | 8.22 | .36 | .60 | 8.22 |
| 56 | | | | | | | | | | | * .20 | .16 | |
| 57 | .50 | 1.36 | 1.19 | .75 | .95 | 1.85 | 1.47 | 2.16 | 5.71 | .54 | 2.61 | .90 | 5.71 |
| 58 | 1.51 | 1.53 | .98 | 3.01 | .85 | 2.04 | 1.66 | 4.50 | 3.87 | 1.68 | .45 | 1.40 | 4.50 |
| 59 | .49 | .77 | 1.90 | .91 | 1.83 | 1.58 | 3.66 | .73 | 2.99 | 1.70 | .51 | 2.36 | 3.66 |
| 60 | 1.73 | 1.38 | 1.42 | .87 | 1.70 | 4.30 | 4.69 | .87 | 4.86 | .38 | .24 | .69 | 4.86 |
| 61 | 1.14 | 1.21 | 3.41 | 2.28 | 2.70 | 3.12 | 2.19 | 2.33 | .92 | .52 | 1.44 | .30 | 3.41 |
| 62 | .93 | 1.13 | 1.61 | .94 | .53 | 1.35 | .98 | 1.55 | 3.90 | .37 | 2.84 | 1.35 | 3.90 |
| 63 | .97 | .95 | .44 | 1.45 | 1.43 | 2.59 | .78 | .45 | 1.06 | 1.99 | 2.29 | .81 | 2.59 |
| 64 | 2.67 | 2.33 | 1.86 | 1.07 | 1.13 | 3.39 | 3.12 | 3.12 | 5.22 | 3.95 | .54 | 3.11 | 5.22 |
| 65 | .35 | 1.73 | 1.84 | .61 | .56 | .86 | 1.74 | 2.04 | .64 | 2.09 | .27 | .42 | 2.09 |
| 66 | 1.61 | 2.53 | 1.26 | .12 | 2.80 | .94 | 2.25 | .57 | .94 | .63 | .22 | .94 | 2.80 |
| 67 | 1.23 | 1.01 | .58 | 1.33 | 1.16 | 7.61 | 2.75 | 1.27 | 1.74 | .41 | .84 | 2.26 | 7.61 |
| 68 | 1.23 | 1.02 | .47 | .37 | 1.50 | .41* | 2.86 | .45 | .52 | 3.49 | 1.19* | 1.58 | 3.49 |
| 69 | 1.45 | .41 | 1.94 | 1.73 | .81 | 1.79 | 1.03 | 4.45 | 1.11 | .63 | 9.40 | 1.12 | 9.40 |
| 70 | 1.53 | .75 | 1.50 | .45 | 1.97 | 1.49 | 1.18 | 3.30 | 2.60 | 2.22 | .85 | 2.31 | 3.30 |
| 71 | .74 | .71 | 1.59 | 1.60 | 1.04 | 1.35 | 1.33 | 6.50 | .36 | 1.95 | 1.01 | .58 | 6.50 |
| 72 | 1.16 | 1.14 | .56 | .03 | 1.31 | 1.07 | 2.47 | .85 | 1.68 | .12 | 2.10 | 1.49 | 2.47 |
| MEAN | 1.034 | 1.214 | 1.309 | 1.025 | 1.307 | 2.232 | 2.015 | 2.227 | 2.670 | 1.513 | 1.294 | 1.193 | 4.636 |
| S.D | .539 | .635 | .663 | .685 | .629 | 1.628 | 1.326 | 1.577 | 1.835 | 1.718 | 1.763 | .702 | 1.957 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 806 | 806 | 780 | 806 | 813 | 867 | 9771 |

NOTE * (BASED ON < FULL MONTHS)

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

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

**EXTREME VALUES**
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

TOTAL MONTHLY PRECIPITATION IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | * .00 | 2.39 | |
| 43 | 3.19 | 2.55 | 7.37 | 3.21 | 1.71 | 3.02 | 5.54 | 9.51 | 5.10 | TRACE | .84 | 2.90 | 44.94 |
| 44 | 3.63 | 4.83 | 9.04 | 2.43 | 2.49 | 6.51 | 7.47 | 5.27 | 3.27 | 1.41 | 1.36 | 1.44 | 49.15 |
| 45 | 1.79 | 3.91 | 1.38 | 2.36 | 2.04 | 9.39 | 9.82 | 10.62 | 9.29 | 1.00 | 1.44 | 5.75 | 58.79 |
| 46 | 3.56 | 2.59 | 3.04 | 2.54 | 1.84 | 2.30 | 7.03 | 6.03 | 1.15 | 3.87 | 1.61 | .91 | 36.47 |
| 47 | 2.86 | .92 | 5.03 | 2.59 | 2.50 | 7.30* | .00 | | | | | | |
| 49 | .78 | 2.88 | 2.37 | 3.59 | 2.50 | 2.61 | 4.34 | 4.01 | 5.72 | 4.23 | 1.41 | 1.12 | 35.56 |
| 50 | 1.04 | 1.09 | 4.68 | .39 | 4.00 | 4.10 | 15.77 | 2.86 | 6.08 | 2.04 | .62 | 4.92 | 47.59 |
| 51 | .44 | 1.11 | 4.68 | 6.12 | .95 | 4.56 | 2.98 | 2.19 | 13.74 | .16 | 3.25 | 2.41 | 42.59 |
| 52 | 1.56 | 3.79 | 4.24 | .98 | 3.84 | 8.57 | 3.18 | 9.97 | 9.14 | 2.06 | 4.71 | 2.68 | 54.72 |
| 53 | 3.15 | 4.38 | 5.36 | 3.03 | 1.89 | 3.43 | 2.65 | 11.32 | 9.51 | .46 | 5.49 | 5.99 | 56.66 |
| 54 | 1.94 | 3.62 | 3.84 | .98 | 4.11 | 2.15 | 3.57 | 1.97 | 3.06 | 9.41 | .95 | 2.75 | 38.35 |
| 56 | | | | | | | | | | | * .20 | .26 | |
| 57 | 1.98 | 3.57 | 4.88 | 1.49 | 3.22 | 6.29 | 3.54 | 5.94 | 11.30 | 1.14 | 5.33 | 3.98 | 52.66 |
| 58 | 4.48 | 3.76 | 4.59 | 5.88 | 2.38 | 7.20 | 4.66 | 7.40 | 7.20 | 3.90 | .56 | 3.58 | 55.59 |
| 59 | 2.25 | 3.69 | 5.68 | 1.93 | 5.27 | 5.17 | 12.03 | 2.49 | 7.35 | 6.75 | 1.28 | 4.00 | 57.89 |
| 60 | 4.23 | 3.64 | 5.03 | 1.94 | 3.52 | 6.22 | 16.39 | 2.49 | 7.98 | .94 | .80 | 2.31 | 55.49 |
| 61 | 2.04 | 3.68 | 4.91 | 7.32 | 5.45 | 6.89 | 3.94 | 6.02 | 3.53 | 1.25 | 3.31 | 1.20 | 49.54 |
| 62 | 3.62 | 2.90 | 5.18 | 3.90 | 1.00 | 7.28 | 3.34 | 5.50 | 9.15 | 1.08 | 4.83 | 1.78 | 49.56 |
| 63 | 4.45 | 4.15 | 1.52 | 2.25 | 3.58 | 6.73 | 4.34 | 1.05 | 3.28 | 2.54 | 4.60 | 2.25 | 40.74 |
| 64 | 8.21 | 7.49 | 4.66 | 2.53 | 1.74 | 10.18 | 10.47 | 5.43 | 7.24 | 7.74 | .89 | 5.40 | 71.98 |
| 65 | 1.59 | 6.43 | 9.39 | 1.48 | 1.43 | 3.98 | 6.94 | 5.25 | 1.69 | 2.41 | .60 | .74 | 42.13 |
| 66 | 7.03 | 4.79 | 3.17 | .42 | 6.57 | 2.79 | 7.27 | 2.99 | 2.93 | .85 | .37 | 4.41 | 43.59 |
| 67 | 5.83 | 2.85 | 1.73 | 1.90 | 3.70 | 9.27 | 11.53 | 4.96 | 3.72 | .50 | 1.64 | 3.81 | 51.44 |
| 68 | 2.78 | 1.72 | 1.05 | 2.16 | 4.34 | 1.25 | *13.53 | 1.29 | 1.13 | 7.30 | 3.07* | 3.05 | *42.67 |
| 69 | 2.96 | 1.76 | 5.81 | 3.92 | 1.83 | 4.62 | 2.98 | 10.72 | 2.21 | 1.51 | 9.70 | 3.90 | 51.92 |
| 70 | 3.10 | 2.66 | 7.23 | .93 | 2.76 | 3.31 | 3.64 | 7.86 | 8.07 | 7.32 | .96 | 3.32 | 51.16 |
| 71 | 3.98 | 2.29 | 5.18 | 4.58 | 3.12 | 4.96 | 7.73 | 14.64 | 1.00 | 10.31 | 1.63 | 1.01 | 60.43 |
| 72 | 5.41 | 4.38 | 2.18 | .05 | 5.25 | 2.93 | 6.27 | 4.44 | 3.11 | .21 | 7.49 | 3.97 | 45.69 |
| MEAN | 3.255 | 3.386 | 4.564 | 2.626 | 3.075 | 5.297 | 6.702 | 5.855 | 5.660 | 3.092 | 2.462 | 2.937 | 49.512 |
| S D | 1.839 | 1.512 | 2.134 | 1.784 | 1.450 | 2.464 | 4.238 | 3.520 | 3.452 | 3.091 | 2.414 | 1.566 | 8.350 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 806 | 806 | 780 | 806 | 813 | 867 | 9771 |

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOWFALL
(FROM DAILY OBSERVATIONS)

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47, 49-54, 56-72 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO OF OBS | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | 02 05 | 06-10 | 11-.25 | .26-.50 | 51-1 00 | 1 01-2 50 | 2.51-5 00 | 5 01-10 00 | 10 01-20 00 | OVER 20 00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 01-0 4 | 0 5 1.4 | 1 5 2 4 | 2 5 3 4 | 3 5-4 4 | 4.5-6 4 | 6.5 10 4 | 10 5 15 4 | 15 5-25.4 | 25 5 50 4 | OVER 50 4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25 36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 97.0 | 2.4 | .5 | | | | | | | | | | | .5 | 744 | TRACE | .5 | .0 |
| FEB | 97.5 | 1.0 | .1 | .7 | | | | | | | | | | .9 | 677 | .2 | 2.4 | .0 |
| MAR | 98.5 | 1.3 | | .1 | | | | | | | | | | .1 | 744 | TRACE | 1.0 | .0 |
| APR | 100.0 | | | | | | | | | | | | | | 720 | .0 | .0 | .0 |
| MAY | 100.0 | | | | | | | | | | | | | | 744 | .0 | .0 | .0 |
| JUN | 100.0 | | | | | | | | | | | | | | 720 | .0 | .0 | .0 |
| JUL | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 |
| AUG | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 |
| SEP | 100.0 | | | | | | | | | | | | | | 690 | .0 | .0 | .0 |
| OCT | 100.0 | | | | | | | | | | | | | | 713 | .0 | .0 | .0 |
| NOV | 99.9 | .1 | | | | | | | | | | | | | 698 | TRACE | TRACE | .0 |
| DEC | 98.8 | .9 | .3 | | | | | | | | | | | .3 | 744 | TRACE | .4 | .0 |
| ANNUAL | 99.3 | .5 | .1 | .1 | | | | | | | | | | .1 | 8620 | .2 | | |

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

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

# EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

24 HOUR AMOUNTS IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 47 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | | | | | | |
| 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| 50 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 51 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 52 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 53 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 54 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 56 | | | | | | | | | | | .0* | .0 | |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .4 |
| 58 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | 1.0 |
| 59 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 60 | .0 | TRACE | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 63 | TRACE | 1.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | 1.4 |
| 64 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 65 | .3 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 66 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .6 | .0 | TRACE | TRACE |
| 67 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 68 | .2 | .6 | TRACE | .0 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | TRACE | .6 |
| 69 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 70 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 71 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 72 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 |
| MEAN | .02 | .13 | .04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | .02 | .16 |
| S D. | .071 | .358 | .204 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .083 | .563 |
| TOTAL OBS | 744 | 677 | 744 | 720 | 744 | 720 | 713 | 713 | 690 | 713 | 698 | 744 | 8620 |

NOTE * (BASED ON < FULL MONTHS)

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

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

**EXTREME VALUES**
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

TOTAL MONTHLY SNOWFALL IN INCHES

| YEAR \ MONTH | JAN. | FEB | MAR. | APR. | MAY | JUN. | JUL. | AUG. | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 47 | .0 | .0 | .0 | .0 | .0 | .0* | .0 | | | | | | |
| 49 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| 50 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE | TRACE |
| 51 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 52 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 53 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 54 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 56 | | | | | | | | | | | .0 | .0 | |
| 57 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .4 | .4 |
| 58 | .0 | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .1 | 1.1 |
| 59 | .0 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 60 | .0 | TRACE | 1.0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 1.0 |
| 61 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 62 | TRACE | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 63 | TRACE | 2.4 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | 2.4 |
| 64 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 65 | .3 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .3 |
| 66 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 67 | .0 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 68 | .5 | 1.4 | TRACE | .0 | .0 | .0* | .0 | .0 | .0 | .0 | .0 | TRACE | * 1.9 |
| 69 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 70 | TRACE | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE |
| 71 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | TRACE | TRACE |
| 72 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .00 |
| MEAN | .03 | .20 | .04 | .00 | .00 | .00 | .00 | .00 | .00 | .00 | TRACE | .02 | .31 |
| S.D. | .117 | .581 | .204 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .083 | .662 |
| TOTAL OBS. | 744 | 677 | 744 | 720 | 744 | 720 | 713 | 713 | 690 | 713 | 698 | 744 | 8620 |

NOTE * (BASED ON < FULL MONTHS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH
(FROM DAILY OBSERVATIONS)

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47, 49-54, 56-72 — YEARS

| | AMOUNTS (INCHES) | | | | | | | | | | | | | PERCENT OF DAYS WITH MEASURABLE AMTS | TOTAL NO. OF OBS. | MONTHLY AMOUNTS (INCHES) | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRECIP | NONE | TRACE | 01 | .02-.05 | .06-.10 | .11-.25 | .26-.50 | .51-1.00 | 1.01-2.50 | 2.51-5.00 | 5.01-10.00 | 10.01-20.00 | OVER 20.00 | | | MEAN | GREATEST | LEAST |
| SNOWFALL | NONE | TRACE | 0.1-0.4 | 0.5-1.4 | 1.5-2.4 | 2.5-3.4 | 3.5-4.4 | 4.5-6.4 | 6.5-10.4 | 10.5-15.4 | 15.5-25.4 | 25.5-50.4 | OVER 50.4 | | | | | |
| SNOW-DEPTH | NONE | TRACE | 1 | 2 | 3 | 4-6 | 7-12 | 13-24 | 25-36 | 37-48 | 49-60 | 61-120 | OVER 120 | | | | | |
| JAN | 99.9 | .1 | | | | | | | | | | | | | 837 | | | |
| FEB | 99.2 | .5 | .3 | | | | | | | | | | | .3 | 762 | | | |
| MAR | 99.8 | .2 | | | | | | | | | | | | | 837 | | | |
| APR | 100.0 | | | | | | | | | | | | | | 810 | | | |
| MAY | 100.0 | | | | | | | | | | | | | | 837 | | | |
| JUN | 100.0 | | | | | | | | | | | | | | 810 | | | |
| JUL | 100.0 | | | | | | | | | | | | | | 805 | | | |
| AUG | 100.0 | | | | | | | | | | | | | | 806 | | | |
| SEP | 100.0 | | | | | | | | | | | | | | 780 | | | |
| OCT | 100.0 | | | | | | | | | | | | | | 806 | | | |
| NOV | 100.0 | | | | | | | | | | | | | | 818 | | | |
| DEC | 99.3 | .2 | .1 | .1 | .1 | .1 | | | | | | | | .5 | 868 | | | |
| ANNUAL | 99.8 | .1 | .0 | .0 | .0 | .0 | | | | | | | | .1 | 9776 | | | |

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

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

# EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47, 49-54, 56-72
STATION STATION NAME YEARS

## DAILY SNOW DEPTH IN INCHES

| YEAR \ MONTH | JAN | FEB | MAR. | APR. | MAY | JUN | JUL. | AUG | SEP. | OCT. | NOV. | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | 0 | 0 | |
| 43 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 6 |
| 44 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 46 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | | | |
| 49 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 50 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56 | | | | | | | | | | | * 0 | 0 | |
| 57 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 58 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE | 1 |
| 59 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60 | 0 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 61 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 63 | 0 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 64 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 65 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 67 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68 | 0 | 1 | 0 | 0 | 0 | 0* | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 69 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70 | TRACE | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | TRACE |
| 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 72 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| MEAN | TRACE | .1 | TRACE | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .2 | .0 |
| S D | .000 | .267 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | .000 | 1.134 | .000 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 810 | 805 | 806 | 780 | 806 | 818 | 868 | 9776 |

NOTE * (BASED ON < FULL MONTHS)

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART C SURFACE WINDS

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

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

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

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

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

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

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

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



74-29962

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

# EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 56-72 (YEARS)

## DAILY PEAK GUSTS IN KNOTS

| YEAR \ MONTH | JAN | FEB | MAR | APR | MAY | JUN. | JUL | AUG. | SEP. | OCT. | NOV | DEC. | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | | | |
| 43 | | | | | | | | | | | | | |
| 44 | | | | | | | | | | | | | |
| 45 | | | | | | | | | | | | | |
| 46 | NW 33 | W *43 | S 33 | WNW 41 | S *28 | NE *27 | WSW 33 | | W *21 | | | NNW*32 | |
| 47 | SW *37 | SW 36 | WNW 46 | SW 32 | WSW 35 | SSW*32 | | | | | | | |
| 56 | | | | | | | | | | | | | |
| 57 | | | | | | | | | ENE*26 | E *26 | W 30 | SW 36 | |
| 58 | NNW 27 | W 40 | E 31 | NNE*37 | SSW 25 | WNW*32 | NNW*24 | SW*24 | NNW*56 | N *27 | NW 25 | E *30 | NNW*56 |
| 59 | W *33 | NNW*30 | WSW*34 | N *31 | WSW*51 | WNW 38 | E *39 | SSE 26 | E 45 | SSW 31 | W *35 | W 37 | WSW*51 |
| 60 | ENE 36 | W *42 | WSW 37 | WSW*33 | W 41 | SSW 26 | N 29 | SSW 22 | WNW 27 | NNW 27 | N 24 | W 47 | W 47 |
| 61 | WNW 29 | WSW*38 | S 39 | SE 40 | NNW 27 | SSW 32 | WSW 30 | NNW 28 | NNE*28 | N *29 | SSE 25 | SW 31 | SE 40 |
| 62 | W 29 | NW 43 | N 34 | NW 37 | N 27 | SSW*30 | SSE 25 | N 25 | NNE 31 | N 29 | SSE 40 | W 32 | NW 43 |
| 63 | NNW*37 | WSW*33 | W *38 | NNW*33 | N *26 | E *24 | W *30 | N *29 | S *35 | N *36 | NW *35 | NNW*30 | W *38 |
| 64 | W *47 | SW *37 | WNW*38 | S *30 | ENE 34 | E 28 | WSW*45 | E *30 | S *32 | N *31 | SSW*25 | N 39 | W *47 |
| 65 | W 39 | S *90 | E *34 | W *34 | NNW*34 | WNW*24 | NNE*19 | S *19 | ENE*20 | S *33 | WNW*32 | NNW 36 | S *90 |
| 66 | WNW*40 | SSW 51 | N *31 | W *34 | S *23 | NNE*25 | N *26 | N 22 | ESE 20 | SSW 24 | WSW 28 | SW 28 | SSW 51 |
| 67 | W 32 | NNW 30 | S 40 | NNW 31 | WSW 32 | NE 36 | S 24 | NE 12 | N 22 | S 27 | NW 37 | WNW 30 | S 40 |
| 68 | ESE 29 | WNW 30 | WNW 35 | N 30 | E 21 | ENE 23 | 4/ 40 | 6/ 26 | 25/ 20 | 20/ 30 | 3/ 28 | 4/ 39 | 4/ 40 |
| 69 | 4/ 29 | 2/ 36 | 28/ 39 | 6/ 37 | 10/ 25 | 6/ 34 | 19/ 28 | 30/ 38 | 11/ 22 | 11/ 28 | 6/ 37 | 16/ 38 | 28/ 39 |
| 70 | 33/ 28 | 4/ 30 | 6/ 33 | 19/ 28 | 14/ 31 | 3/ 30 | 19/ 27 | 19/ 25 | 19/ 26 | 1/ 30 | 21/ 27 | 11/ 46 | 11/ 46 |
| 71 | 33/ 40 | 27/ 36 | 19/ 43 | 24/ 34 | 19/ 28 | 3/ 21 | 6/ 26 | 30/ 42 | 32/ 36 | 2/ 29 | 31/ 31 | 3/ 30 | 19/ 43 |
| 72 | 27/ 31 | 27/ 40 | 26/ 31 | 23/ 33 | 6/ 38 | 31/ 40 | 27/ 46 | 29/ 42 | 6/ 34 | 1/ 29 | 29/ 31 | 31/ 36 | 27/ 46 |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| MEAN | 33.9 | 40.3 | 36.2 | 34.4 | 30.9 | 29.5 | 30.7 | 28.5 | 29.5 | 29.1 | 30.6 | 35.1 | 47.8 |
| S D | 5.521 | 4.035 | 4.309 | 3.374 | 7.471 | 5.479 | 7.863 | 7.605 | 9.786 | 2.849 | 5.005 | 5.566 | 12.757 |
| TOTAL OBS. | 469 | 428 | 464 | 461 | 468 | 435 | 437 | 422 | 444 | 459 | 446 | 468 | 5401 |

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

USAF ETAC FORM 0-88 5 (OLI)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS) ALL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 2.7 | 2.2 | .8 | .1 | .0 | .0 | .0 | | | | 8.0 | 6.1 |
| NNE | 1.2 | 2.4 | 2.3 | .6 | .0 | .0 | .0 | | | | | 6.5 | 6.6 |
| NE | 1.0 | 2.3 | 1.9 | .4 | .0 | .0 | .0 | | | | | 5.6 | 6.3 |
| ENE | .5 | 1.1 | 1.2 | .4 | .0 | .0 | .0 | .0 | | | | 3.2 | 7.2 |
| E | .6 | 1.4 | 1.9 | .6 | .0 | .0 | .0 | | | | | 4.5 | 7.3 |
| ESE | .5 | 1.2 | 1.5 | .3 | .0 | .0 | | | | | | 3.5 | 7.0 |
| SE | .5 | 1.2 | 1.3 | .2 | .0 | .0 | | | | | | 3.2 | 6.5 |
| SSE | .5 | 1.4 | 1.7 | .4 | .0 | .0 | | | | | | 4.0 | 6.9 |
| S | .9 | 2.2 | 3.6 | 1.7 | .1 | .0 | .0 | | | | | 8.6 | 8.0 |
| SSW | .8 | 1.6 | 2.4 | 1.8 | .2 | .0 | .0 | | | | | 6.9 | 8.6 |
| SW | 1.1 | 1.8 | 1.9 | .9 | .1 | .0 | .0 | | | | | 5.9 | 7.2 |
| WSW | 1.0 | 1.7 | 1.7 | .6 | .1 | .0 | .0 | .0 | | | | 5.1 | 6.9 |
| W | 1.3 | 2.2 | 1.9 | .7 | .1 | .0 | .0 | | | | | 6.2 | 6.7 |
| WNW | .6 | 1.2 | 1.3 | .7 | .1 | .0 | | | | | | 3.9 | 7.5 |
| NW | .7 | 1.1 | 1.1 | .5 | .1 | .0 | .0 | | | | | 3.6 | 7.0 |
| NNW | 1.1 | 1.4 | 1.2 | .6 | .1 | .0 | .0 | .0 | | | | 4.3 | 6.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.8 | |
| | 14.5 | 26.9 | 29.2 | 11.4 | 1.0 | .1 | .0 | .0 | | | | 100.0 | 5.9 |

TOTAL NUMBER OF OBSERVATIONS 247175

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 3.5 | 3.2 | 1.2 | .1 | .0 | | | | | | 10.5 | 6.5 |
| NNE | 1.2 | 2.4 | 2.3 | .6 | .0 | | | | | | | 6.5 | 6.5 |
| NE | 1.1 | 2.4 | 1.7 | .4 | .0 | | | | | | | 5.6 | 6.1 |
| ENE | .6 | 1.1 | 1.2 | .5 | .0 | | | | | | | 3.4 | 7.2 |
| E | . | 1.2 | 1.4 | .4 | | | | | | | | 3.7 | 6.6 |
| ESE | .5 | .8 | .8 | .1 | | | | | | | | 2.2 | 5.8 |
| SE | .5 | .9 | .5 | .1 | | | | | | | | 2.0 | 5.3 |
| SSE | .6 | 1.2 | .8 | .1 | .0 | | | | | | | 2.8 | 5.8 |
| S | .9 | 1.9 | 1.9 | .7 | .0 | | | | | | | 5.4 | 6.9 |
| | .6 | 1.4 | 1.8 | .9 | .1 | .0 | | | | | | 4.8 | 7.8 |
| SW | .9 | 1.6 | 2.1 | 1.0 | .1 | .0 | | | | | | 5.6 | 7.4 |
| WSW | .8 | 1.7 | 1.9 | .8 | .0 | .0 | | | | | | 5.2 | 7.2 |
| W | 1.2 | 2.6 | 2.5 | 1.1 | .1 | .0 | .0 | | | | | 7.5 | 7.2 |
| WNW | .7 | 1.4 | 1.9 | 1.0 | .1 | .0 | | | | | | 5.2 | 7.9 |
| NW | 1.0 | 1.5 | 1.9 | 1.1 | .1 | .0 | | | | | | 5.6 | 7.6 |
| NNW | 1.3 | 1.9 | 2.0 | 1.2 | .2 | .0 | | | | | | 6.6 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.4 | |
| | 15.1 | 27.6 | 27.8 | 11.1 | .8 | .1 | .0 | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 21411

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.7 | 2.8 | 1.0 | .1 | .0 | | | | | | 8.3 | 6.8 |
| NNE | .9 | 2.4 | 2.3 | .8 | .0 | | | | | | | 6.4 | 6.9 |
| NE | .9 | 2.4 | 1.9 | .5 | | | | | | | | 5.6 | 6.4 |
| ENE | .4 | 1.2 | 1.8 | .7 | .0 | | | | | | | 4.2 | 7.8 |
| E | .5 | 1.4 | 1.9 | .6 | .0 | | | | | | | 4.4 | 7.3 |
| ESE | .3 | .8 | 1.1 | .3 | .0 | | | | | | | 2.5 | 7.1 |
| SE | .4 | .8 | .9 | .2 | .0 | | | | | | | 2.3 | 6.6 |
| SSE | .5 | 1.1 | 1.3 | .4 | .0 | | | | | | | 3.3 | 7.1 |
| S | .7 | 1.9 | 2.8 | 1.2 | .1 | .0 | | | | | | 6.8 | 7.9 |
| SSW | .5 | 1.1 | 2.0 | 1.7 | .3 | .1 | .0 | | | | | 5.8 | 9.3 |
| SW | .8 | 1.3 | 1.8 | 1.1 | .2 | .0 | | | | | | 5.2 | 8.1 |
| WSW | .7 | 1.5 | 1.9 | 1.2 | .1 | .0 | .0 | | | | | 5.3 | 8.0 |
| W | 1.2 | 2.4 | 2.6 | 1.3 | .3 | .0 | .0 | | | | | 7.8 | 7.8 |
| WNW | .7 | 1.3 | 2.3 | 1.5 | .2 | .0 | | | | | | 6.1 | 8.8 |
| NW | .8 | 1.4 | 1.9 | 1.2 | .1 | .0 | | | | | | 5.4 | 8.0 |
| NNW | .9 | 1.6 | 2.1 | 1.1 | .1 | .0 | | | | | | 5.8 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.6 | |
| | 12.0 | 25.2 | 31.4 | 14.8 | 1.7 | .2 | .0 | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 19476

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 2.1 | 2.4 | 1.1 | .1 | .0 | | | | | | 7.0 | 7.2 |
| NNE | .6 | 1.4 | 1.8 | .5 | .0 | | | | | | | 4.3 | 7.0 |
| NE | .7 | 1.5 | 1.5 | .4 | .0 | .0 | | | | | | 4.2 | 6.8 |
| ENE | .4 | 1.0 | 1.6 | .6 | .0 | .0 | | | | | | 3.6 | 7.8 |
| E | .5 | 1.5 | 2.3 | 1.1 | .1 | .0 | | | | | | 5.4 | 8.2 |
| ESE | .4 | 1.2 | 1.7 | .5 | .1 | .0 | | | | | | 4.0 | 7.6 |
| SE | .5 | 1.1 | 1.2 | .2 | .0 | .0 | | | | | | 2.9 | 6.7 |
| SSE | .6 | 1.2 | 1.8 | .5 | .0 | | | | | | | 4.1 | 7.1 |
| S | .8 | 2.1 | 3.8 | 1.9 | .1 | .0 | .0 | | | | | 8.8 | 8.4 |
| SSW | .7 | 1.6 | 2.8 | 2.3 | .4 | .0 | | | | | | 7.8 | 9.3 |
| SW | .9 | 1.5 | 1.9 | 1.3 | .1 | .0 | .0 | | | | | 5.7 | 8.0 |
| WSW | .8 | 1.6 | 1.7 | .9 | .2 | .0 | | .0 | | | | 5.2 | 7.9 |
| W | .9 | 2.1 | 2.3 | 1.4 | .2 | .0 | | | | | | 7.0 | 7.9 |
| WNW | .6 | 1.3 | 1.9 | 1.5 | .3 | .0 | | | | | | 5.8 | 9.0 |
| NW | .6 | 1.4 | 1.8 | 1.0 | .2 | .0 | | | | | | 5.0 | 8.3 |
| NNW | .7 | 1.3 | 1.9 | 1.1 | .1 | .0 | | | | | | 5.2 | 8.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.2 | |
| | 11.0 | 23.9 | 32.3 | 16.3 | 2.0 | .3 | .0 | .0 | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 21447

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.7 | 1.9 | .7 | .1 | .0 | | | | | | 5.7 | 6.8 |
| NNE | .7 | 1.3 | 1.6 | .5 | .0 | .0 | | | | | | 4.2 | 7.0 |
| NE | .6 | 1.2 | 1.2 | .3 | .0 | .0 | | | | | | 3.3 | 6.6 |
| ENE | .3 | .8 | 1.2 | .6 | .0 | .0 | | | | | | 2.9 | 8.1 |
| E | .4 | 1.3 | 2.2 | 1.1 | .1 | .0 | .0 | | | | | 5.1 | 8.5 |
| ESE | .4 | 1.1 | 2.0 | .6 | .1 | .0 | | | | | | 4.2 | 7.9 |
| SE | .4 | 1.3 | 1.7 | .4 | .0 | .0 | | | | | | 3.9 | 7.1 |
| SSE | .5 | 1.5 | 2.5 | .8 | .1 | | | | | | | 5.4 | 7.7 |
| S | .8 | 2.4 | 4.8 | 3.0 | .2 | .0 | | | | | | 11.3 | 8.8 |
| SSW | .9 | 2.0 | 3.3 | 3.2 | .6 | .1 | .0 | | | | | 10.0 | 9.7 |
| SW | 1.1 | 2.4 | 2.5 | 1.6 | .2 | .0 | | | | | | 7.8 | 7.9 |
| WSW | .9 | 1.9 | 2.5 | 1.0 | .2 | .0 | .0 | | | | | 6.5 | 7.8 |
| W | .8 | 1.8 | 2.2 | 1.1 | .2 | .0 | | | | | | 6.2 | 8.1 |
| WNW | .5 | 1.0 | 1.3 | .9 | .1 | .0 | | | | | | 3.9 | 8.4 |
| NW | .5 | .8 | 1.2 | .7 | .1 | | | | | | | 3.3 | 7.9 |
| NNW | .3 | 1.3 | 1.3 | .6 | .1 | .0 | | | | | | 4.2 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 12.1 | |
| | 11.0 | 23.8 | 33.5 | 17.1 | 2.2 | .3 | .0 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 20712

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.8 | 1.4 | .3 | .1 | .0 | | | | | | 5.0 | 5.9 |
| NNE | .9 | 1.4 | 1.4 | .4 | .1 | | | | | | | 4.3 | 6.7 |
| NE | .9 | 1.7 | 1.5 | .5 | .0 | | | | | | | 4.6 | 6.6 |
| ENE | .5 | .9 | 1.0 | .6 | .1 | | | | | | | 3.1 | 7.7 |
| E | .6 | 1.5 | 2.3 | .9 | .1 | | | | | | | 5.5 | 7.8 |
| ESE | .5 | 1.6 | 2.3 | .4 | .0 | | | | | | | 4.8 | 7.3 |
| SE | .7 | 1.7 | 2.3 | .4 | .0 | | | | | | | 5.0 | 6.9 |
| SSE | .6 | 1.9 | 2.6 | .7 | | | | | | | | 5.8 | 7.3 |
| S | 1.0 | 2.8 | 5.4 | 2.8 | .1 | | | | | | | 12.1 | 8.4 |
| SSW | .9 | 2.2 | 2.9 | 2.6 | .3 | .0 | | | | | | 9.0 | 8.8 |
| SW | 1.4 | 2.3 | 2.7 | 1.3 | .1 | | | | | | | 7.8 | 7.2 |
| WSW | 1.0 | 1.8 | 1.6 | .5 | .0 | | | | | | | 4.9 | 6.5 |
| W | 1.2 | 2.3 | 1.8 | .5 | .0 | | | | | | | 5.8 | 6.3 |
| WNW | .7 | 1.1 | 1.0 | .4 | .0 | | | | | | | 3.3 | 6.6 |
| NW | .7 | 1.0 | .8 | .2 | .0 | | | | | | | 2.7 | 6.1 |
| NNW | .8 | 1.0 | .8 | .2 | .0 | | | | | | | 2.8 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.6 | |
| | 13.7 | 27.0 | 31.8 | 12.9 | 1.0 | .0 | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 21334

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.8 | .9 | .3 | .0 | | | | | | | 4.7 | 5.2 |
| NNE | .9 | 1.7 | 1.3 | .3 | .0 | .0 | | | | | | 4.2 | 6.2 |
| NE | .8 | 2.0 | 1.7 | .3 | .0 | | | | | | | 4.7 | 5.2 |
| ENE | .4 | .8 | 1.0 | .3 | .0 | .0 | | | | | | 2.5 | 7.0 |
| E | .6 | 1.3 | 1.7 | .7 | .0 | | | | | | | 4.3 | 7.4 |
| ESE | .4 | 1.2 | 2.0 | .5 | .0 | | | | | | | 4.1 | 7.3 |
| SE | .6 | 1.5 | 2.1 | .6 | | | | | | | | 4.8 | 7.1 |
| SSE | .6 | 1.8 | 2.6 | .6 | .0 | | | | | | | 5.6 | 7.2 |
| S | 1.1 | 3.2 | 6.3 | 3.1 | .1 | | | | | | | 13.8 | 8.3 |
| SSW | 1.3 | 2.4 | 3.6 | 2.5 | .4 | | | | | | | 10.1 | 8.5 |
| SW | 1.5 | 2.4 | 2.4 | 1.0 | .0 | .0 | | | | | | 7.4 | 6.8 |
| WSW | 1.2 | 2.0 | 1.7 | .5 | .0 | .0 | | | | | | 5.3 | 6.2 |
| W | 1.4 | 2.3 | 2.0 | .5 | .0 | | | | | | | 6.3 | 6.1 |
| WNW | .7 | 1.1 | 1.1 | .3 | .0 | .0 | | | | | | 3.2 | 6.6 |
| NW | .6 | .9 | .7 | .2 | .0 | .0 | | | | | | 2.3 | 6.1 |
| NNW | .6 | .7 | .0 | .1 | .0 | | | | | | | 2.1 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 14.5 | |
| | 14.3 | 27.1 | 31.6 | 11.7 | .8 | .0 | | | | | | 100.0 | 6.0 |

TOTAL NUMBER OF OBSERVATIONS 20143

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 1.3 | .7 | .1 | .0 | | | | | | | 3.7 | 4.7 |
| NNE | .8 | 1.4 | .9 | .1 | .0 | | | | | | | 3.3 | 5.7 |
| NE | .9 | 1.6 | 1.1 | .1 | | | | | | | | 3.6 | 5.6 |
| ENE | .4 | .7 | .6 | .1 | .0 | | | | | | | 1.8 | 6.4 |
| E | .5 | 1.0 | 1.3 | .3 | .1 | | | | | | | 3.1 | 7.1 |
| ESE | .4 | 1.1 | 1.4 | .4 | .0 | .0 | | | | | | 3.4 | 7.4 |
| SE | .5 | 1.3 | 1.3 | .2 | | | | | | | | 3.3 | 6.5 |
| SSE | .5 | 1.4 | 2.2 | .3 | .0 | | | | | | | 4.5 | 7.0 |
| S | 1.0 | 3.0 | 5.8 | 2.8 | .2 | | | | | | | 12.8 | 8.5 |
| SSW | 1.1 | 3.0 | 4.5 | 3.2 | .3 | .0 | | | | | | 12.2 | 8.7 |
| SW | 1.9 | 3.4 | 3.1 | 1.4 | .1 | .0 | | | | | | 10.0 | 6.9 |
| WSW | 1.7 | 2.9 | 2.6 | .8 | .0 | | | | | | | 8.0 | 6.3 |
| W | 1.7 | 2.9 | 1.8 | .4 | .0 | | | | | | | 6.8 | 5.6 |
| WNW | .6 | 1.4 | .9 | .1 | | | | | | | | 3.1 | 5.8 |
| NW | .7 | 1.0 | .4 | .1 | .0 | | | | | | | 2.1 | 5.1 |
| NNW | .5 | .6 | .3 | .0 | | | | | | | | 1.7 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 16.5 | |
| | 14.9 | 28.0 | 29.0 | 10.7 | .9 | .0 | | | | | | 100.0 | 5.8 |

TOTAL NUMBER OF OBSERVATIONS 20495

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 1.9 | 1.0 | .2 | .1 | | | | | | | 5.4 | 4.9 |
| NNE | 1.5 | 2.3 | 1.6 | .7 | .1 | .0 | .0 | | | | | 6.2 | 6.2 |
| NE | 1.3 | 2.3 | 1.5 | .3 | .0 | .0 | | | | | | 5.3 | 5.8 |
| ENE | .4 | .9 | .8 | .2 | .0 | | | | | | | 2.3 | 6.5 |
| E | .6 | 1.2 | 1.4 | .4 | .0 | | | | | | | 3.5 | 6.8 |
| ESE | .5 | 1.5 | 1.8 | .5 | .0 | | | | | | | 4.3 | 7.0 |
| SE | .6 | 1.5 | 1.7 | .3 | .0 | | | | | | | 4.1 | 6.7 |
| SSE | .6 | 1.7 | 2.4 | .4 | .0 | | | | | | | 5.1 | 7.0 |
| S | 1.1 | 2.8 | 4.6 | 1.9 | .1 | .0 | .0 | | | | | 10.5 | 7.9 |
| SSW | 1.2 | 2.0 | 3.1 | 2.3 | .2 | .0 | .0 | | | | | 8.8 | 8.4 |
| SW | 1.3 | 2.3 | 2.2 | .8 | .0 | | | | | | | 7.1 | 6.4 |
| WSW | 1.6 | 2.4 | 1.7 | .3 | .0 | | | | | | | 6.1 | 5.7 |
| W | 1.7 | 2.4 | 1.2 | .2 | .0 | | | | | | | 5.5 | 5.1 |
| WNW | .5 | 1.0 | .7 | .1 | .0 | | | | | | | 2.4 | 5.8 |
| NW | .6 | .8 | .5 | .1 | .0 | | | | | | | 2.0 | 5.6 |
| NNW | .7 | .8 | .4 | .1 | .0 | | | | | | | 1.9 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.4 | |
| | 16.9 | 27.7 | 26.8 | 8.5 | .7 | .0 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 19981

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (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 | 3.3 | 3.2 | 1.9 | .6 | .0 | | .0 | .0 | | | | 9.0 | 5.3 |
| NNE | 2.3 | 4.7 | 3.8 | .8 | .0 | .0 | .0 | | | | | 11.7 | 6.2 |
| NE | 1.7 | 4.5 | 3.9 | .7 | .0 | .0 | .0 | | | | | 10.7 | 6.3 |
| ENE | .6 | 1.7 | 1.5 | .7 | .0 | | | | | | | 4.5 | 7.1 |
| E | 1.0 | 2.1 | 2.5 | .8 | .1 | .0 | | | | | | 6.4 | 7.1 |
| ESE | .8 | 1.8 | 2.1 | .5 | .0 | .0 | | | | | | 5.2 | 6.8 |
| SE | .9 | 1.7 | 1.5 | .2 | .0 | .0 | | | | | | 4.4 | 6.0 |
| SSE | .7 | 1.6 | 1.6 | .3 | .0 | .1 | | | | | | 4.3 | 6.8 |
| S | 1.0 | 1.9 | 3.1 | .8 | .1 | .0 | | | | | | 6.9 | 7.3 |
| SSW | .6 | 1.1 | 1.3 | .7 | .0 | .0 | | | | | | 3.7 | 7.4 |
| SW | .9 | 1.1 | .9 | .4 | .0 | | | | | | | 3.2 | 6.2 |
| WSW | .8 | .9 | 1.0 | .3 | | | | | | | | 2.9 | 6.2 |
| W | 1.0 | 1.1 | .8 | .2 | | | | | | | | 3.1 | 5.4 |
| WNW | .5 | .8 | .6 | .2 | .0 | | | | | | | 2.1 | 6.3 |
| NW | .5 | .7 | .4 | .1 | .0 | .0 | .0 | | | | | 1.7 | 5.8 |
| NNW | 1.1 | .9 | .5 | .2 | .0 | | .0 | .0 | | | | 2.8 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.5 | |
| | 17.5 | 29.8 | 27.4 | 7.2 | .4 | .2 | .0 | .0 | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 19841

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 4.6 | 3.5 | 1.5 | .2 | .0 | | | | | | 13.2 | 6.3 |
| NNE | 1.9 | 4.3 | 5.1 | 1.5 | .0 | | | | | | | 12.8 | 7.0 |
| NE | 1.4 | 3.6 | 3.5 | .8 | .0 | | | | | | | 9.3 | 6.6 |
| ENE | .6 | 1.3 | 1.7 | .5 | .0 | .0 | .0 | .0 | | | | 4.1 | 7.2 |
| E | .9 | 1.7 | 2.4 | .6 | .0 | | | | | | | 5.6 | 6.9 |
| ESE | .5 | 1.2 | 1.0 | .3 | | | | | | | | 3.5 | 6.8 |
| SE | .4 | 1.1 | .9 | .1 | | .0 | | | | | | 2.5 | 6.1 |
| SSE | .4 | .9 | 1.0 | .2 | .0 | .0 | | | | | | 2.5 | 6.6 |
| S | .6 | 1.4 | 1.7 | .6 | .0 | .0 | .0 | | | | | 4.3 | 7.1 |
| SSW | .5 | .8 | .9 | .5 | .0 | .0 | .0 | | | | | 2.7 | 7.4 |
| SW | .6 | .8 | .7 | .3 | .0 | | | | | | | 2.5 | 6.2 |
| WSW | .6 | 1.0 | .8 | .3 | | | | | | | | 2.7 | 6.4 |
| W | .9 | 1.1 | 1.2 | .3 | .0 | | | | | | | 3.6 | 6.1 |
| WNW | .7 | .9 | .8 | .2 | | | | | | | | 2.6 | 6.0 |
| NW | .8 | .9 | .7 | .2 | | | | | | | | 2.6 | 5.7 |
| NNW | 1.5 | 1.8 | 1.2 | .6 | .0 | | | | | | | 5.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.3 | |
| | 15.8 | 27.3 | 27.8 | 8.4 | .3 | .1 | .0 | .0 | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 20516

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 4.1 | 3.0 | 1.2 | .1 | .0 | | | | | | 11.7 | 6.0 |
| NNE | 1.3 | 2.8 | 3.0 | .8 | .0 | | | | | | | 7.9 | 6.7 |
| NE | 1.0 | 2.2 | 1.8 | .3 | .0 | | | | | | | 5.2 | 6.1 |
| ENE | .6 | 1.3 | 1.1 | .2 | .0 | | | | | | | 3.3 | 6.3 |
| E | .5 | 1.5 | 1.5 | .3 | | | | | | | | 3.8 | 6.5 |
| ESE | .4 | 1.1 | .9 | .1 | | | | | | | | 2.6 | 5.9 |
| SE | .4 | .8 | .6 | .1 | | | | | | | | 2.0 | 5.7 |
| SSE | .5 | 1.1 | .8 | .1 | | | | | | | | 2.6 | 5.9 |
| S | .7 | 1.5 | 1.7 | .6 | .0 | | | | | | | 4.5 | 7.0 |
| SSW | .6 | 1.0 | 1.5 | .7 | .1 | .0 | | | | | | 3.8 | 7.7 |
| SW | .8 | 1.0 | 1.3 | .7 | .1 | | | | | | | 3.9 | 7.2 |
| WSW | .8 | 1.3 | 1.1 | .5 | .0 | .0 | | | | | | 3.8 | 6.8 |
| W | 1.4 | 2.4 | 2.3 | .9 | .0 | | | | | | | 7.2 | 6.6 |
| WNW | .7 | 1.5 | 1.7 | .9 | .1 | | | | | | | 4.8 | 7.5 |
| NW | 1.0 | 1.6 | 1.6 | .7 | .1 | | | | | | | 5.0 | 7.0 |
| NNW | 1.8 | 2.1 | 1.8 | .8 | .1 | .0 | | | | | | 6.7 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.3 | |
| | 16.0 | 27.5 | 25.8 | 8.9 | .5 | .0 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 20559

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-46,49-72 (YEARS) | DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 4.0 | 3.2 | 1.1 | .0 | .0 | | | | | | 11.2 | 6.2 |
| NNE | 1.2 | 2.6 | 2.7 | .6 | .0 | .0 | | | | | | 7.2 | 6.7 |
| NE | 1.0 | 2.2 | 2.0 | .5 | .0 | | | | | | | 5.7 | 6.4 |
| ENE | .6 | 1.1 | 1.2 | .2 | .0 | | | | | | | 3.1 | 6.5 |
| E | .7 | 1.3 | 1.4 | .3 | .0 | .0 | | | | | | 3.7 | 6.5 |
| ESE | .3 | .8 | .6 | .1 | .0 | | | | | | | 1.8 | 5.9 |
| SE | .5 | .7 | .4 | .0 | | | | | | | | 1.7 | 5.0 |
| SSE | .5 | 1.1 | .6 | .1 | | | | | | | | 2.3 | 5.6 |
| S | 1.1 | 2.1 | 1.9 | .5 | .0 | | | | | | | 5.6 | 6.4 |
| SSW | .5 | 1.2 | 1.4 | .8 | .1 | .0 | | | | | | 4.0 | 7.9 |
| SW | .9 | 1.2 | 1.2 | .6 | .1 | .0 | | | | | | 3.9 | 7.1 |
| WSW | 1.0 | 1.5 | 1.7 | .7 | .1 | .0 | .0 | | | | | 4.9 | 7.0 |
| W | 1.7 | 2.9 | 2.2 | 1.0 | .2 | .0 | .0 | | | | | 8.0 | 6.8 |
| WNW | .8 | 1.5 | 1.6 | .7 | .1 | .0 | | | | | | 4.8 | 7.2 |
| NW | 1.1 | 1.7 | 1.7 | .6 | .0 | | | | | | | 5.1 | 6.7 |
| NNW | 1.6 | 2.1 | 1.9 | .8 | .1 | .0 | | | | | | 6.7 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.2 | |
| | 16.6 | 28.1 | 25.6 | 8.7 | .8 | .1 | .0 | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 21260

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.9 | 3.3 | 2.8 | .7 | | .0 | | | | | | 9.7 | 5.9 |
| NNE | 1.7 | 2.6 | 2.2 | .3 | | | | | | | | 6.8 | 5.9 |
| NE | 1.0 | 2.7 | 1.4 | .6 | | | | | | | | 5.6 | 6.1 |
| ENE | .6 | .9 | 1.1 | .3 | | | | | | | | 2.9 | 6.6 |
| E | .4 | .9 | .8 | .3 | | | | | | | | 2.5 | 6.6 |
| ESE | .4 | .4 | .2 | | | | | | | | | 1.0 | 4.6 |
| SE | .1 | .3 | .1 | | | | | | | | | .5 | 5.1 |
| SSE | .6 | .5 | .5 | .1 | | | | | | | | 1.8 | 5.9 |
| S | .5 | 1.2 | .7 | .4 | | | | | | | | 2.8 | 6.6 |
| SSW | .4 | 1.0 | 1.0 | .6 | .1 | | | | | | | 3.0 | 7.8 |
| SW | 1.6 | 1.4 | 1.9 | 1.0 | | | | | | | | 5.9 | 6.9 |
| WSW | .9 | 2.5 | 2.4 | .5 | .0 | | | | | | | 6.5 | 6.7 |
| W | 1.5 | 3.6 | 1.9 | .6 | | | | | | | | 7.7 | 6.0 |
| WNW | .6 | 1.6 | 1.3 | .7 | .0 | | | | | | | 4.3 | 7.2 |
| NW | 1.4 | 1.7 | 1.8 | .7 | .1 | .0 | | | | | | 5.8 | 6.9 |
| NNW | 1.2 | 2.0 | 1.4 | .7 | .1 | .0 | | | | | | 5.4 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.7 | |
| | 15.8 | 26.8 | 21.5 | 7.6 | .4 | .1 | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2669

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 4.9 | 2.9 | 1.0 | .0 | | | | | | | 12.1 | 5.7 |
| NNE | 1.6 | 3.0 | 2.2 | .4 | | | | | | | | 7.2 | 5.9 |
| NE | 1.3 | 3.1 | 2.0 | .2 | .0 | | | | | | | 6.7 | 5.8 |
| ENE | .3 | 1.1 | .6 | .3 | | | | | | | | 2.3 | 6.7 |
| E | .4 | .7 | .5 | .3 | | | | | | | | 2.0 | 6.5 |
| ESE | .3 | .4 | .2 | .0 | | | | | | | | .9 | 5.0 |
| SE | .2 | .3 | .1 | .0 | | | | | | | | .6 | 4.8 |
| SSE | .3 | .3 | .1 | .1 | .0 | | | | | | | .9 | 6.2 |
| S | .7 | .7 | .7 | .4 | .0 | | | | | | | 2.5 | 6.5 |
| SSW | .3 | .9 | 1.1 | .6 | .1 | | | | | | | 3.0 | 7.9 |
| SW | 1.0 | 2.0 | 2.1 | .5 | .1 | | | | | | | 5.6 | 6.8 |
| WSW | 1.0 | 2.6 | 2.3 | .6 | | | | | | | | 6.5 | 6.5 |
| W | 1.5 | 2.9 | 2.0 | .5 | .1 | | | | | | | 7.0 | 6.1 |
| WNW | 1.0 | 2.1 | 1.4 | .5 | .0 | .0 | | | | | | 5.2 | 6.6 |
| NW | 1.4 | 2.1 | 1.6 | .9 | .0 | | | | | | | 6.1 | 5.7 |
| NNW | 2.0 | 2.6 | 1.5 | .3 | .1 | | | | | | | 6.6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.9 | |
| | 16.7 | 29.7 | 21.4 | 6.6 | .6 | .0 | | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 2671

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | NYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.6 | 5.1 | 2.9 | 1.0 | .0 | | | | | | | 12.7 | 5.6 |
| NNE | 1.4 | 3.3 | 2.6 | .6 | | | | | | | | 7.9 | 6.2 |
| NE | 1.0 | 3.3 | 1.9 | .4 | | | | | | | | 7.2 | 5.8 |
| ENE | .4 | 1.0 | .7 | .4 | | | | | | | | 2.6 | 6.8 |
| E | .5 | .7 | .7 | .2 | | | | | | | | 2.1 | 6.1 |
| ESE | .4 | .2 | .1 | .1 | | | | | | | | .8 | 5.3 |
| SE | .4 | .1 | .2 | | | | | | | | | .7 | 4.4 |
| SSE | .2 | .4 | .1 | .0 | .0 | | | | | | | .8 | 5.5 |
| S | .9 | .7 | 1.2 | .2 | | | | | | | | 2.9 | 6.3 |
| SSW | .3 | 1.2 | 1.0 | .4 | .1 | .1 | | | | | | 3.2 | 8.0 |
| SW | .9 | 1.9 | 1.6 | .7 | .1 | | | | | | | 5.2 | 7.0 |
| WSW | 1.0 | 2.2 | 1.9 | .3 | | | | | | | | 5.5 | 6.3 |
| W | 1.6 | 3.3 | 2.4 | .6 | .0 | | | | | | | 7.9 | 6.3 |
| WNW | 1.1 | 2.0 | 1.6 | .8 | .1 | | | | | | | 5.7 | 6.7 |
| NW | .9 | 1.7 | 1.5 | .7 | .2 | | | | | | | 5.0 | 7.1 |
| NNW | 2.3 | 2.3 | 1.8 | .5 | .1 | | | | | | | 6.9 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.8 | |
| | 17.4 | 29.6 | 22.5 | 7.1 | .6 | .1 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 2680

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) . MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.6 | 2.6 | 4.5 | 2.9 | .1 | | | | | | | 11.8 | 8.0 |
| NNE | 1.0 | 3.1 | 4.2 | 1.3 | .0 | | | | | | | 9.6 | 7.4 |
| NE | 1.0 | 3.2 | 3.1 | .6 | | | | | | | | 8.0 | 6.6 |
| ENE | .4 | 1.6 | 2.3 | .7 | | | | | | | | 5.0 | 7.7 |
| E | .6 | 1.4 | 1.7 | .6 | | | | | | | | 4.2 | 7.2 |
| ESE | .6 | .7 | .7 | .0 | | | | | | | | 2.0 | 5.6 |
| SE | .6 | .7 | .5 | .1 | | | | | | | | 1.9 | 5.5 |
| SSE | .4 | .6 | .7 | .1 | | | | | | | | 1.9 | 5.8 |
| S | .6 | .8 | 1.6 | .6 | | | | | | | | 3.5 | 7.5 |
| SSW | .4 | 1.2 | 1.3 | .8 | .1 | .1 | | | | | | 4.1 | 8.7 |
| SW | .4 | 1.0 | 1.7 | 1.0 | .2 | .0 | | | | | | 4.4 | 8.7 |
| WSW | .3 | 1.4 | 2.6 | 1.5 | .0 | | | | | | | 5.8 | 8.6 |
| W | .7 | 2.6 | 4.5 | 1.5 | .1 | | | | | | | 9.4 | 8.0 |
| WNW | .7 | 1.5 | 3.2 | 1.3 | .2 | .0 | | | | | | 6.9 | 8.5 |
| NW | 1.3 | 1.9 | 1.8 | 1.3 | .1 | | | | | | | 6.5 | 7.4 |
| NNW | 1.2 | 2.1 | 2.9 | 2.0 | .4 | | | | | | | 9.5 | 8.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.4 | |
| | 11.8 | 26.5 | 37.4 | 16.3 | 1.5 | .2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2684

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.8 | 5.4 | 1.9 | .2 | | | | | | | 11.0 | 8.2 |
| NNE | .6 | 1.8 | 2.3 | 1.1 | .1 | | | | | | | 5.9 | 7.6 |
| NE | .4 | 1.4 | 1.7 | .8 | | | | | | | | 4.3 | 7.4 |
| ENE | .5 | 1.2 | 1.7 | .7 | .1 | | | | | | | 4.2 | 7.8 |
| E | .3 | 2.1 | 2.8 | .8 | | | | | | | | 6.1 | 7.4 |
| ESE | .3 | 1.7 | 1.9 | .3 | | | | | | | | 4.3 | 6.8 |
| SE | .5 | 2.1 | 1.8 | .2 | | | | | | | | 4.6 | 6.2 |
| SSE | .3 | 2.7 | 2.0 | .4 | .0 | | | | | | | 5.4 | 6.7 |
| S | .4 | 2.6 | 4.3 | 1.8 | .1 | | | | | | | 9.2 | 8.3 |
| SSW | .2 | .7 | 2.5 | 1.9 | .1 | .0 | | | | | | 5.5 | 9.9 |
| SW | .1 | .8 | 1.6 | 1.3 | .1 | | | | | | | 4.0 | 9.4 |
| WSW | .1 | 1.2 | 2.0 | 1.6 | .1 | .0 | | | | | | 5.0 | 9.5 |
| W | .2 | 1.6 | 3.6 | 2.4 | .1 | .1 | .0 | | | | | 8.1 | 9.5 |
| WNW | .3 | .8 | 2.5 | 2.3 | .1 | .1 | | | | | | 6.1 | 10.0 |
| NW | .3 | 1.3 | 2.7 | 2.6 | .1 | | | | | | | 7.0 | 9.8 |
| NNW | .7 | 1.2 | 3.0 | 2.6 | .3 | .1 | | | | | | 8.0 | 9.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.1 | 26.1 | 41.7 | 22.6 | 1.5 | .4 | .0 | | | | | 100.0 | 8.4 |

TOTAL NUMBER OF OBSERVATIONS 2676

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 3.1 | 3.5 | 1.4 | .1 | | | | | | | 8.9 | 7.5 |
| NNE | .7 | 1.6 | 2.2 | .8 | .1 | | | | | | | 5.4 | 7.4 |
| NE | .6 | 1.5 | 1.2 | .2 | | | | | | | | 3.5 | 6.2 |
| ENE | .3 | 1.0 | .9 | .4 | .0 | | | | | | | 2.8 | 7.4 |
| E | .9 | 1.9 | 2.4 | .4 | | | | | | | | 5.7 | 6.7 |
| ESE | .9 | 2.2 | 1.9 | .2 | | | | | | | | 5.1 | 6.1 |
| SE | 1.0 | 2.1 | .9 | .1 | | | | | | | | 4.1 | 5.1 |
| SSE | 1.3 | 3.3 | 2.0 | .2 | | | | | | | | 6.8 | 5.6 |
| S | 1.2 | 4.9 | 4.8 | 1.9 | .0 | | | | | | | 12.8 | 7.3 |
| SSW | .4 | 2.1 | 3.4 | 1.4 | .0 | | | | | | | 7.3 | 8.2 |
| SW | .1 | .9 | 2.4 | 1.2 | | | | | | | | 4.6 | 8.8 |
| WSW | .1 | .7 | 1.0 | .7 | | | | | | | | 2.6 | 8.6 |
| W | .4 | 1.5 | 3.1 | 1.6 | .3 | | .0 | | | | | 7.0 | 9.0 |
| WNW | .3 | 1.2 | 3.2 | 1.0 | .1 | .1 | | | | | | 6.0 | 8.8 |
| NW | .9 | 1.4 | 2.9 | 1.4 | .2 | | | | | | | 6.8 | 8.5 |
| NNW | .4 | 2.0 | 2.7 | 2.2 | .1 | .1 | | | | | | 7.5 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.1 | |
| | 10.6 | 31.3 | 38.5 | 15.2 | 1.0 | .2 | .0 | | | | | 100.0 | 7.3 |

TOTAL NUMBER OF OBSERVATIONS 2681

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-47,49-72 | JAN |
|---|---|---|---|
| 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 | 3.2 | 3.1 | 1.8 | .4 | .1 | | | | | | | 8.5 | 5.2 |
| NNE | 1.4 | 1.8 | 1.2 | .3 | | | | | | | | 4.7 | 5.5 |
| NE | 1.4 | 1.7 | 1.4 | .3 | | | | | | | | 4.8 | 5.5 |
| ENE | 1.0 | .9 | 1.1 | .4 | .0 | | | | | | | 3.4 | 6.5 |
| E | 1.3 | 1.2 | 1.2 | .3 | | | | | | | | 4.1 | 5.9 |
| ESE | .8 | .6 | .6 | | | | | | | | | 2.0 | 4.9 |
| SE | 1.1 | .9 | .3 | .0 | | | | | | | | 2.3 | 4.2 |
| SSE | 1.0 | 1.1 | .5 | .0 | | | | | | | | 2.6 | 4.6 |
| S | 1.8 | 2.5 | 1.5 | .3 | | | | | | | | 6.1 | 5.3 |
| SSW | 1.9 | 2.5 | 2.6 | .6 | | | | | | | | 7.7 | 6.1 |
| SW | 1.5 | 1.9 | 2.4 | 1.0 | .1 | | | | | | | 6.9 | 6.9 |
| WSW | .9 | 1.0 | 1.0 | .4 | | | | | | | | 3.3 | 6.3 |
| W | 2.1 | 2.4 | 1.2 | 1.0 | .0 | | | | | | | 6.6 | 6.0 |
| WNW | 1.0 | 1.1 | .9 | .4 | .1 | .0 | | | | | | 3.5 | 6.6 |
| NW | 1.2 | 1.4 | 1.2 | .5 | | | | | | | | 4.3 | 6.0 |
| NNW | 1.5 | 1.9 | .9 | .9 | .1 | | | | | | | 5.3 | 6.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.0 | |
| | 23.1 | 26.0 | 19.6 | 6.8 | .4 | .0 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2678

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.7 | 3.0 | 2.0 | .4 | .1 | | | | | | | 9.3 | 5.2 |
| NNE | 1.3 | 1.9 | 1.3 | .2 | | | | | | | | 4.7 | 5.6 |
| NE | 1.4 | 2.2 | 1.1 | .4 | | | | | | | | 5.1 | 5.6 |
| ENE | .7 | 1.4 | 1.3 | .6 | .0 | | | | | | | 4.1 | 7.2 |
| E | 1.1 | .6 | .8 | .2 | | | | | | | | 2.7 | 5.6 |
| ESE | .3 | .6 | .5 | | | | | | | | | 1.4 | 5.5 |
| SE | .3 | .4 | .1 | .0 | | | | | | | | .9 | 5.0 |
| SSE | .6 | .6 | .8 | .1 | | | | | | | | 2.0 | 5.7 |
| S | 1.0 | 1.4 | .7 | .3 | | | | | | | | 3.5 | 5.6 |
| SSW | .8 | 1.8 | 1.5 | .5 | .0 | | | | | | | 4.6 | 6.7 |
| SW | 1.8 | 2.9 | 2.8 | 1.0 | .0 | | | | | | | 8.6 | 6.8 |
| WSW | 1.6 | 2.3 | 1.8 | .3 | .0 | | | | | | | 6.1 | 5.8 |
| W | 1.5 | 2.5 | 1.3 | .8 | .0 | | | | | | | 6.1 | 6.4 |
| WNW | .8 | 1.1 | 1.0 | .6 | .1 | | | | | | | 3.7 | 7.4 |
| NW | .9 | .7 | 1.4 | .5 | .0 | .0 | | | | | | 3.6 | 7.3 |
| NNW | 1.3 | 1.4 | 1.4 | .7 | .1 | | | | | | | 4.8 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 28.7 | |
| | 19.0 | 24.8 | 20.0 | 6.8 | .6 | .0 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2672

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 3.0 | 1.9 | .5 | .2 | | | | | | | 7.5 | 5.9 |
| NNE | 1.4 | 2.9 | 1.5 | .4 | | | | | | | | 6.2 | 5.8 |
| NE | .9 | 2.6 | 2.1 | .3 | | | | | | | | 6.0 | 6.2 |
| ENE | .5 | 1.0 | 2.3 | .4 | .0 | | | | | | | 4.2 | 7.5 |
| E | .6 | 1.2 | 1.7 | .2 | .0 | | | | | | | 3.8 | 6.8 |
| ESE | .2 | .1 | .7 | .1 | .1 | | | | | | | 1.1 | 8.5 |
| SE | .2 | .1 | .3 | .2 | | | | | | | | .7 | 7.3 |
| SSE | .3 | .3 | .2 | .5 | | | | | | | | 1.5 | 6.8 |
| S | .7 | .8 | 1.2 | .4 | .0 | | | | | | | 3.1 | 7.0 |
| SSW | .6 | 1.1 | 1.5 | .7 | .3 | | | | | | | 4.2 | 8.1 |
| SW | 1.4 | 1.2 | 2.1 | 1.3 | .1 | | | | | | | 6.2 | 7.7 |
| WSW | 1.1 | 2.6 | 2.4 | .7 | | | | | | | | 6.8 | 6.8 |
| W | 1.5 | 3.0 | 2.8 | .8 | .2 | | | | | | | 8.4 | 6.8 |
| WNW | 1.1 | 1.3 | 1.9 | 1.0 | .1 | | | | | | | 5.5 | 7.2 |
| NW | 1.4 | 1.7 | 1.7 | .7 | .1 | | | | | | | 5.5 | 6.6 |
| NNW | .9 | 1.2 | 1.6 | 1.1 | .0 | .0 | | | | | | 5.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.2 | |
| | 15.1 | 24.2 | 25.9 | 9.3 | 1.2 | .0 | | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 3.7 | 2.3 | .7 | .0 | | | | | | | 9.4 | 5.8 |
| NNE | 1.8 | 3.4 | 2.9 | .7 | | | | | | | | 8.9 | 6.1 |
| NE | 1.4 | 3.0 | 1.8 | .5 | | | | | | | | 6.7 | 6.0 |
| ENE | .5 | .7 | 1.6 | .3 | .1 | | | | | | | 3.2 | 7.0 |
| E | .3 | .8 | .8 | .4 | | | | | | | | 2.3 | 7.0 |
| ESE | .3 | .2 | .5 | .0 | | | | | | | | 1.0 | 6.0 |
| SE | .1 | .2 | .2 | .2 | .0 | | | | | | | .7 | 8.4 |
| SSE | .4 | .4 | .5 | .3 | | | | | | | | 1.6 | 6.8 |
| S | .5 | .7 | 1.1 | .5 | .0 | | | | | | | 2.7 | 7.2 |
| SSW | .6 | .9 | 1.2 | 1.0 | .2 | .0 | | | | | | 3.9 | 8.5 |
| SW | .8 | 1.4 | 1.9 | 1.0 | .2 | | | | | | | 5.2 | 7.9 |
| WSW | 1.0 | 1.6 | 2.5 | .6 | .0 | | | | | | | 5.7 | 7.0 |
| W | 2.2 | 4.3 | 2.7 | .7 | | | .0 | | | | | 10.0 | 6.0 |
| WNW | .9 | 1.5 | 1.8 | 1.0 | | | | | | | | 5.2 | 7.6 |
| NW | 1.4 | 1.8 | 1.5 | .2 | .0 | | | | | | | 5.0 | 5.8 |
| NNW | 1.8 | 2.4 | 1.7 | .7 | .1 | .0 | | | | | | 6.7 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 21.7 | |
| | 16.7 | 27.0 | 24.9 | 8.9 | .7 | .1 | .0 | | | | | 100.0 | 5.2 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) HYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.4 | 3.8 | 3.0 | .7 | | | | | | | | 10.7 | 5.7 |
| NNE | 1.2 | 4.2 | 2.7 | .8 | | | | | | | | 9.0 | 6.4 |
| NE | 1.5 | 3.7 | 2.8 | .8 | | | | | | | | 8.7 | 6.3 |
| ENE | .5 | 1.1 | 1.4 | .5 | | | | | | | | 3.5 | 7.0 |
| E | .6 | .8 | .7 | .5 | | | | | | | | 2.6 | 6.6 |
| ESE | .3 | .3 | .4 | .2 | | | | | | | | 1.2 | 6.6 |
| SE | .2 | .4 | .2 | .2 | | | | | | | | 1.0 | 6.9 |
| SSE | .4 | .4 | .4 | .2 | | | | | | | | 1.4 | 6.7 |
| S | .5 | .9 | .8 | .3 | .1 | | | | | | | 2.6 | 6.8 |
| SSW | .5 | 1.0 | 1.4 | .7 | .1 | | | | | | | 3.6 | 7.9 |
| SW | .8 | 1.5 | 1.8 | .7 | .1 | .1 | | | | | | 4.9 | 7.5 |
| WSW | .9 | 1.5 | 2.6 | .9 | .1 | | | | | | | 5.9 | 7.6 |
| W | 1.6 | 3.7 | 3.0 | .7 | | | | | | | | 9.0 | 6.3 |
| WNW | 1.2 | 1.6 | 2.2 | .6 | | .0 | | | | | | 5.7 | 6.7 |
| NW | 1.2 | 1.7 | 1.5 | .5 | | | | | | | | 4.8 | 6.3 |
| NNW | 1.9 | 2.6 | 1.7 | .6 | | | | | | | | 6.8 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 18.5 | |
| | 16.7 | 29.1 | 25.5 | 8.7 | .4 | .1 | | | | | | 100.0 | 5.3 |

TOTAL NUMBER OF OBSERVATIONS 2438

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.3 | 3.0 | 4.3 | 2.4 | .0 | | | | | | | 11.4 | 8.1 |
| NNE | .7 | 2.5 | 4.3 | 1.7 | .1 | | | | | | | 9.3 | 8.0 |
| NE | .5 | 3.2 | 3.3 | 1.0 | | | | | | | | 8.1 | 7.3 |
| ENE | .4 | 1.5 | 3.0 | 1.2 | .0 | | | | | | | 6.1 | 8.1 |
| E | .3 | 1.2 | 2.1 | .9 | .0 | | | | | | | 4.7 | 7.9 |
| ESE | .5 | 1.1 | 1.4 | .4 | .0 | | | | | | | 3.4 | 7.3 |
| SE | .5 | .8 | 1.1 | .4 | | | | | | | | 2.9 | 7.1 |
| SSE | .3 | .7 | .9 | .4 | .0 | | | | | | | 2.3 | 7.7 |
| S | .3 | 1.3 | 2.1 | .8 | .1 | | | | | | | 4.6 | 8.2 |
| SSW | .2 | .5 | 1.2 | .9 | .2 | .2 | .0 | | | | | 3.2 | 11.0 |
| SW | .3 | .8 | 1.5 | 1.1 | .1 | .0 | | | | | | 3.9 | 9.4 |
| WSW | .4 | 1.4 | 2.6 | 2.7 | .2 | | | | | | | 7.3 | 9.4 |
| W | .6 | 2.1 | 3.3 | 2.0 | .2 | | | | | | | 8.0 | 8.7 |
| WNW | .4 | 1.6 | 3.1 | 2.3 | .2 | | | | | | | 7.7 | 9.3 |
| NW | .4 | 1.2 | 2.4 | 1.7 | .1 | | | | | | | 5.8 | 9.1 |
| NNW | .3 | 1.7 | 2.8 | 1.6 | .3 | .1 | | | | | | 6.8 | 9.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.2 | |
| | 7.3 | 24.6 | 40.1 | 21.7 | 1.7 | .3 | .0 | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 1.6 | 3.8 | 1.6 | .1 | | | | | | | 7.3 | 8.7 |
| NNE | .2 | 1.6 | 2.3 | 1.1 | | | | | | | | 5.2 | 8.2 |
| NE | .2 | 1.2 | 1.8 | .5 | | | | | | | | 3.7 | 7.5 |
| ENE | .1 | 1.1 | 1.8 | 1.2 | .1 | | | | | | | 4.3 | 9.0 |
| E | .5 | 1.8 | 3.0 | 1.0 | .0 | | | | | | | 6.3 | 7.8 |
| ESE | .3 | 1.4 | 2.5 | .7 | | | | | | | | 4.8 | 7.9 |
| SE | .2 | 1.7 | 2.6 | .3 | .1 | | | | | | | 4.9 | 7.2 |
| SSE | .5 | 2.0 | 3.5 | .9 | .1 | | | | | | | 7.0 | 7.9 |
| S | .2 | 2.2 | 5.2 | 3.2 | .3 | .0 | | | | | | 11.2 | 9.4 |
| SSW | .1 | .5 | 1.6 | 3.0 | .6 | .1 | .0 | | | | | 6.2 | 12.0 |
| SW | .0 | .5 | 1.2 | 1.4 | .3 | .1 | | | | | | 3.5 | 11.6 |
| WSW | .0 | .2 | 1.4 | 2.1 | .2 | | | | | | | 4.0 | 11.5 |
| W | .2 | 1.1 | 3.2 | 2.5 | .9 | .1 | | | | | | 8.0 | 10.8 |
| WNW | .1 | 1.1 | 3.7 | 3.0 | .7 | .2 | | | | | | 8.7 | 10.8 |
| NW | .2 | 1.1 | 2.5 | 2.4 | .3 | | | | | | | 6.5 | 10.1 |
| NNW | .3 | 1.2 | 3.2 | 2.3 | .2 | | | | | | | 7.2 | 9.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.3 | |
| | 3.7 | 20.2 | 43.1 | 27.1 | 4.0 | .5 | .0 | | | | | 100.0 | 9.3 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .3 | 2.0 | 3.2 | 1.7 | .1 | | | | | | | 7.4 | 8.4 |
| NNE | .3 | 1.3 | 1.5 | .5 | | | | | | | | 3.6 | 7.3 |
| NE | .3 | 1.2 | .8 | .2 | | | | | | | | 2.5 | 6.4 |
| ENE | .2 | 1.2 | 1.6 | 1.0 | .1 | | | | | | | 4.2 | 8.5 |
| E | .5 | 2.0 | 2.6 | .9 | .0 | | | | | | | 6.0 | 7.6 |
| ESE | .2 | 1.5 | 2.1 | .4 | | | | | | | | 4.2 | 7.2 |
| SE | .7 | 1.9 | 1.9 | .1 | | | | | | | | 4.5 | 6.1 |
| SSE | .5 | 2.8 | 3.3 | .6 | .0 | | | | | | | 7.3 | 7.1 |
| S | .7 | 4.2 | 7.4 | 3.2 | .1 | | | | | | | 15.6 | 8.3 |
| SSW | .1 | 1.2 | 3.9 | 4.6 | .7 | .2 | | | | | | 10.7 | 11.1 |
| SW | .2 | .7 | 1.3 | 1.2 | .3 | | | | | | | 3.7 | 10.1 |
| WSW | .1 | .2 | .7 | 1.0 | .2 | .0 | | | | | | 2.3 | 11.2 |
| W | .2 | .9 | 2.6 | 1.9 | .4 | .1 | .0 | | | | | 6.2 | 10.5 |
| WNW | .2 | .9 | 3.2 | 2.9 | .2 | .0 | | | | | | 7.4 | 10.3 |
| NW | .2 | 1.3 | 2.8 | 2.6 | .3 | | | | | | | 7.1 | 9.9 |
| NNW | .4 | 1.1 | 2.6 | 1.6 | .2 | .0 | | | | | | 5.9 | 9.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 5.1 | 24.5 | 41.3 | 24.4 | 2.8 | .5 | .0 | | | | | 100.0 | 8.7 |

TOTAL NUMBER OF OBSERVATIONS 2431

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.4 | 1.9 | .4 | | | | | | | | 6.6 | 5.6 |
| NNE | .9 | 1.4 | 1.0 | .5 | .0 | | | | | | | 3.8 | 6.7 |
| NE | 1.2 | 1.4 | 1.0 | .2 | | | | | | | | 3.8 | 5.7 |
| ENE | .7 | 1.3 | 1.4 | .8 | | | | | | | | 4.1 | 7.2 |
| E | 1.0 | 1.8 | 2.1 | .6 | | | | | | | | 5.4 | 6.7 |
| ESE | .6 | 1.1 | 1.1 | .1 | | | | | | | | 2.9 | 6.0 |
| SE | .7 | 1.0 | .5 | .2 | | | | | | | | 2.4 | 5.2 |
| SSE | 1.2 | 1.4 | .9 | .2 | | | | | | | | 3.7 | 5.4 |
| S | 2.0 | 3.5 | 2.9 | .9 | .0 | | | | | | | 9.3 | 6.4 |
| SSW | 1.2 | 2.5 | 3.4 | 1.8 | .0 | | | | | | | 8.9 | 7.7 |
| SW | 1.4 | 2.0 | 2.6 | 1.0 | .1 | .0 | | | | | | 7.3 | 7.2 |
| WSW | .8 | 1.1 | .7 | .4 | .1 | .0 | .0 | | | | | 3.2 | 7.2 |
| W | 1.2 | 1.9 | 1.7 | .6 | .5 | .1 | | | | | | 6.0 | 7.8 |
| WNW | .7 | 1.4 | 1.5 | .7 | .3 | | | | | | | 4.6 | 8.0 |
| NW | 1.1 | 1.3 | 1.3 | .6 | .0 | .0 | | | | | | 4.4 | 6.9 |
| NNW | .8 | 1.0 | 1.0 | .4 | .1 | | | | | | | 4.0 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 17.2 | 26.5 | 25.5 | 9.4 | 1.4 | .2 | .0 | | | | | 100.0 | 5.5 |

TOTAL NUMBER OF OBSERVATIONS 2425

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

2

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.1 | 1.8 | .2 | .2 | .1 | | | | | | 6.2 | 6.1 |
| NNE | .9 | 1.6 | 1.7 | .5 | .1 | | | | | | | 4.7 | 6.8 |
| NE | 1.1 | 2.9 | 1.1 | .3 | | | | | | | | 5.4 | 5.4 |
| ENE | .6 | 1.2 | 1.8 | .5 | | | | | | | | 4.0 | 7.0 |
| E | .5 | 1.3 | 2.0 | .5 | .1 | | | | | | | 4.4 | 7.5 |
| ESE | .4 | .5 | .5 | .2 | | | | | | | | 1.6 | 6.4 |
| SE | .2 | .4 | .3 | .0 | | | | | | | | .9 | 5.7 |
| SSE | .3 | .5 | .6 | .3 | .0 | | | | | | | 1.6 | 7.5 |
| S | 1.0 | 1.8 | 2.0 | .6 | .1 | | | | | | | 5.6 | 6.8 |
| SSW | 1.1 | 1.5 | 1.9 | .9 | .1 | | | | | | | 5.6 | 7.3 |
| SW | 1.5 | 2.6 | 2.2 | .7 | .1 | | | | | | | 7.1 | 6.5 |
| WSW | 1.3 | 3.1 | 2.0 | .9 | .0 | | | | | | | 7.3 | 6.6 |
| W | 1.7 | 2.5 | 1.8 | .8 | .3 | .0 | | | | | | 7.1 | 6.8 |
| WNW | .7 | .9 | 1.0 | .9 | .2 | | | | | | | 3.7 | 8.1 |
| NW | .7 | 1.2 | 1.6 | .6 | .2 | .0 | | | | | | 4.2 | 7.6 |
| NNW | .0 | 1.3 | 1.5 | .7 | .1 | | | | | | | 4.2 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.2 | |
| | 14.2 | 25.2 | 24.0 | 8.8 | 1.4 | .2 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 2426

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 2.3 | 1.9 | .6 | .0 | .0 | | | | | | 6.7 | 6.2 |
| NNE | .9 | 1.4 | 1.5 | .3 | | | | | | | | 4.1 | 6.3 |
| NE | .6 | 1.9 | 1.0 | .2 | | | | | | | | 3.8 | 6.0 |
| ENE | .4 | 1.0 | 1.8 | .4 | .1 | | | | | | | 3.7 | 7.8 |
| E | .5 | 1.2 | 1.5 | .5 | | | | | | | | 3.6 | 7.3 |
| ESE | .3 | .7 | 1.1 | .3 | | | | | | | | 2.3 | 7.3 |
| SE | .3 | .7 | .5 | | | | | | | | | 1.5 | 5.7 |
| SSE | .4 | .9 | .7 | .2 | .1 | | | | | | | 2.3 | 6.5 |
| S | .9 | 1.3 | .9 | .7 | .2 | | | | | | | 4.1 | 7.1 |
| SSW | 1.0 | 1.9 | 1.7 | 1.0 | .2 | | | | | | | 6.0 | 7.4 |
| SW | 1.4 | 2.5 | 1.9 | 1.5 | .1 | .0 | | | | | | 7.5 | 7.4 |
| WSW | 1.6 | 2.5 | 1.7 | .4 | .1 | | | | | | | 6.3 | 6.0 |
| W | 1.7 | 3.3 | 2.3 | .4 | .0 | | | | | | | 7.8 | 5.8 |
| WNW | .8 | 1.5 | 1.7 | .8 | .0 | | | | | | | 4.8 | 7.4 |
| NW | .9 | 1.9 | 1.2 | .7 | .0 | .0 | | | | | | 4.9 | 6.8 |
| NNW | 1.0 | 1.5 | 1.8 | .7 | .0 | .0 | | | | | | 5.0 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.7 | |
| | 14.4 | 26.5 | 23.3 | 8.9 | 1.0 | .1 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 2682

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 3.9 | 2.3 | .6 | .1 | | | | | | | 9.2 | 5.9 |
| NNE | 1.0 | 2.3 | 2.0 | .4 | | | | | | | | 5.7 | 6.3 |
| NE | .7 | 1.9 | 1.5 | .4 | | | | | | | | 4.4 | 6.3 |
| ENE | .4 | .9 | 1.6 | .7 | | | | | | | | 3.7 | 7.9 |
| E | .4 | 1.2 | 1.3 | .5 | | | | | | | | 3.4 | 7.4 |
| ESE | .1 | .3 | .5 | .3 | | | | | | | | 1.3 | 8.1 |
| SE | .3 | .6 | .2 | .1 | | | | | | | | 1.2 | 5.5 |
| SSE | .5 | .5 | .5 | .1 | .0 | | | | | | | 1.7 | 6.1 |
| S | .9 | 1.3 | 1.0 | .1 | .0 | .2 | | | | | | 3.5 | 6.7 |
| SSW | .7 | 1.6 | 2.0 | .9 | .3 | | | | | | | 5.5 | 8.1 |
| SW | 1.2 | 2.0 | 1.6 | .9 | .1 | | | | | | | 6.0 | 7.2 |
| WSW | 1.3 | 2.1 | 2.1 | .7 | | | | | | | | 6.1 | 6.5 |
| W | 1.9 | 3.1 | 2.3 | .7 | .1 | .0 | | | | | | 8.2 | 6.2 |
| WNW | 1.5 | 2.0 | 1.4 | .3 | .0 | | | | | | | 5.3 | 5.8 |
| NW | 1.0 | 1.5 | 1.5 | .6 | | | | | | | | 4.6 | 6.5 |
| NNW | 1.3 | 2.0 | 2.2 | .4 | .0 | | | | | | | 5.9 | 6.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.3 | |
| | 15.6 | 27.2 | 24.4 | 7.7 | .7 | .2 | | | | | | 100.0 | 5.0 |

TOTAL NUMBER OF OBSERVATIONS 2685

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-47,49-72 | | MAR |
|---|---|---|---|---|
| STATION | STATION NAME | YEARS | | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 3.7 | 3.4 | .9 | | | | | | | | 10.5 | 6.1 |
| NNE | 1.0 | 2.6 | 2.6 | .4 | | | | | | | | 6.7 | 6.4 |
| NE | 1.4 | 2.6 | 2.2 | .4 | | | | | | | | 6.7 | 6.1 |
| ENE | .4 | 1.1 | 1.5 | .6 | .1 | | | | | | | 3.8 | 7.7 |
| E | .6 | 1.0 | 2.1 | .7 | .0 | | | | | | | 4.5 | 7.9 |
| ESE | .1 | .4 | .6 | .4 | | | | | | | | 1.5 | 8.1 |
| SE | .3 | .4 | .3 | .1 | | | | | | | | 1.2 | 6.3 |
| SSE | .5 | .5 | .6 | .3 | .0 | | | | | | | 1.9 | 6.7 |
| S | 1.0 | 1.4 | 1.1 | .2 | | .0 | | | | | | 3.7 | 5.8 |
| SSW | .6 | 1.2 | 1.6 | 1.0 | .3 | | | | | | | 4.6 | 8.4 |
| SW | .8 | .9 | 1.7 | .7 | .1 | | | | | | | 4.3 | 7.7 |
| WSW | .7 | 2.4 | 2.2 | 1.3 | .1 | | | | | | | 6.7 | 7.6 |
| W | 1.3 | 2.8 | 3.1 | 1.2 | .0 | | | | | | | 8.3 | 7.0 |
| WNW | .9 | 2.1 | 1.6 | .6 | .1 | | | | | | | 5.3 | 6.9 |
| NW | 1.2 | 2.1 | 1.6 | .6 | | .1 | | | | | | 5.6 | 6.7 |
| NNW | 1.3 | 2.2 | 1.7 | .5 | | | | | | | | 5.7 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 18.9 | |
| | 14.8 | 27.5 | 27.8 | 10.0 | .8 | .1 | | | | | | 100.0 | 5.6 |

TOTAL NUMBER OF OBSERVATIONS 2681

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.9 | 4.1 | 2.7 | .1 | | | | | | | 9.8 | 8.7 |
| NNE | .4 | 1.4 | 3.0 | 1.4 | .1 | | | | | | | 6.3 | 8.5 |
| NE | .5 | 1.9 | 2.7 | .8 | .1 | | | | | | | 6.0 | 7.7 |
| ENE | .4 | 1.7 | 2.8 | 1.1 | | .0 | | | | | | 6.0 | 8.1 |
| E | .5 | 1.5 | 3.5 | 1.9 | .1 | | | | | | | 7.4 | 8.7 |
| ESE | .6 | 1.5 | 2.1 | .3 | .0 | | | | | | | 4.5 | 7.0 |
| SE | .4 | 1.3 | 1.5 | .3 | | | | | | | | 3.4 | 6.9 |
| SSE | .5 | 1.3 | 1.6 | .2 | | | | | | | | 3.6 | 6.7 |
| S | .3 | 1.6 | 3.8 | 1.6 | | | .0 | | | | | 7.4 | 8.7 |
| SSW | .1 | .6 | 1.8 | 1.7 | .3 | .1 | | | | | | 4.6 | 10.7 |
| SW | .3 | .7 | 1.5 | 1.3 | .3 | .1 | | | | | | 4.2 | 9.9 |
| WSW | .4 | 1.0 | 2.0 | 1.9 | .6 | .1 | | .0 | | | | 6.1 | 10.4 |
| W | .4 | 1.9 | 3.0 | 2.1 | .3 | | | | | | | 7.7 | 9.2 |
| WNW | .2 | 1.2 | 2.6 | 2.5 | .4 | | | | | | | 7.0 | 10.1 |
| NW | .4 | 1.1 | 2.5 | 1.9 | .2 | .0 | | | | | | 6.1 | 9.5 |
| NNW | .6 | 1.5 | 2.4 | 2.0 | .3 | .0 | | | | | | 6.7 | 9.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.0 | |
| | 7.1 | 22.0 | 40.9 | 23.8 | 2.8 | .3 | .0 | .0 | | | | 100.0 | 8.6 |

TOTAL NUMBER OF OBSERVATIONS 2685

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-47,49-72 | MAR |
|---|---|---|---|
| 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 | .3 | .9 | 2.5 | 1.5 | .1 | | | | | | | 5.2 | 9.4 |
| NNE | .1 | .7 | 1.8 | .3 | .1 | | | | | | | 3.0 | 8.4 |
| NE | .4 | 1.1 | 1.1 | .5 | | | | | | | | 3.2 | 7.4 |
| ENE | .1 | .9 | 1.3 | .9 | .0 | | | | | | | 3.2 | 8.8 |
| E | .1 | 1.2 | 3.4 | 1.7 | .1 | .0 | | | | | | 6.6 | 9.2 |
| ESE | .3 | 2.2 | 4.1 | 1.2 | .2 | | | | | | | 8.0 | 8.2 |
| SE | .3 | 1.6 | 3.5 | .7 | | | | | | | | 5.1 | 7.9 |
| SSE | .4 | 1.8 | 5.0 | 1.2 | | | | | | | | 8.4 | 8.2 |
| S | .3 | 1.8 | 7.0 | 5.8 | .4 | | .0 | | | | | 15.4 | 10.3 |
| SSW | .1 | .3 | 1.7 | 4.0 | 1.1 | .0 | | | | | | 7.3 | 12.8 |
| SW | | .2 | .9 | 1.1 | .2 | .1 | | | | | | 2.5 | 12.2 |
| WSW | | .2 | 1.3 | 1.6 | .5 | .1 | | | | | | 3.8 | 12.3 |
| W | .1 | .8 | 2.6 | 2.9 | .4 | .0 | | | | | | 6.8 | 10.9 |
| WNW | .3 | .9 | 2.6 | 2.4 | .7 | .0 | | | | | | 6.9 | 10.9 |
| NW | .1 | .8 | 2.7 | 2.0 | .6 | .0 | | | | | | 6.3 | 10.7 |
| NNW | .3 | .7 | 2.8 | 2.1 | .3 | .1 | | | | | | 6.3 | 10.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.0 | |
| | 3.1 | 16.2 | 44.3 | 30.1 | 4.7 | .5 | .0 | | | | | 100.0 | 9.8 |

TOTAL NUMBER OF OBSERVATIONS 2679

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | 1.2 | 1.6 | .9 | .3 | | | | | | | 4.1 | 9.3 |
| NNE | .3 | 1.0 | 1.3 | .4 | .0 | | | | | | | 3.1 | 7.4 |
| NE | .3 | .6 | 1.2 | .3 | .0 | | | | | | | 2.5 | 7.6 |
| ENE | .1 | .6 | 1.1 | .3 | | | | | | | | 2.1 | 8.2 |
| E | .2 | 1.6 | 3.1 | 1.4 | .0 | | | | | | | 6.4 | 8.6 |
| ESE | .3 | 1.9 | 3.1 | 1.0 | .1 | .1 | | | | | | 6.5 | 8.3 |
| SE | .4 | 1.9 | 2.1 | .4 | .0 | | | | | | | 5.0 | 7.1 |
| SSE | .3 | 2.4 | 4.5 | .3 | | | | | | | | 8.0 | 7.6 |
| S | .4 | 2.5 | 9.7 | 5.0 | .4 | .0 | | | | | | 18.1 | 9.5 |
| SSW | .1 | .7 | 4.3 | 6.1 | .8 | .2 | | | | | | 12.2 | 11.7 |
| SW | .1 | .4 | 1.5 | 1.5 | .1 | .0 | | | | | | 3.7 | 10.5 |
| WSW | .1 | .3 | .9 | .9 | .1 | .0 | | | | | | 2.4 | 10.8 |
| W | .1 | .7 | 1.8 | 2.7 | .4 | .0 | | | | | | 5.6 | 11.0 |
| WNW | .1 | .6 | 2.6 | 3.6 | .6 | .1 | | | | | | 7.7 | 11.7 |
| NW | .2 | .9 | 2.8 | 1.8 | .4 | | | | | | | 6.1 | 10.2 |
| NNW | .3 | .8 | 2.2 | 1.9 | .3 | .0 | | | | | | 5.5 | 9.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 1.1 | |
| | 3.6 | 18.2 | 43.8 | 29.1 | 3.7 | .6 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 2676

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥55 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 1.1 | 1.6 | .9 | .1 | | | | | | | 4.7 | 7.5 |
| NNE | .6 | .7 | 1.0 | .2 | .0 | | | | | | | 2.7 | 6.6 |
| NE | .8 | .7 | 1.2 | .3 | .0 | .1 | | | | | | 3.1 | 6.9 |
| ENE | .6 | .9 | 1.1 | .3 | | | | | | | | 2.9 | 6.5 |
| E | .8 | 2.2 | 1.7 | .9 | .1 | | | | | | | 5.7 | 7.4 |
| ESE | .9 | 2.0 | 1.2 | .4 | .1 | | | | | | | 4.7 | 6.4 |
| SE | 1.1 | 1.4 | .7 | .2 | .0 | | | | | | | 3.5 | 5.5 |
| SSE | 1.3 | 1.7 | 1.1 | .4 | | | | | | | | 4.5 | 5.7 |
| S | 1.7 | 4.5 | 4.7 | 1.1 | .0 | | | | | | | 12.1 | 6.7 |
| SSW | 1.5 | 3.4 | 6.2 | 2.1 | .1 | | | | | | | 13.3 | 7.7 |
| SW | 1.3 | 2.5 | 2.8 | 1.6 | .0 | | | | | | | 8.2 | 7.3 |
| WSW | .5 | 1.6 | 1.5 | .2 | .0 | | | | | | | 3.8 | 6.5 |
| W | .9 | 1.8 | 2.1 | .8 | .2 | | | | | | | 5.8 | 7.4 |
| WNW | .7 | 1.5 | 1.5 | 1.0 | .3 | .1 | | | | | | 5.0 | 8.5 |
| NW | .4 | 1.5 | 1.2 | .2 | .1 | | | | | | | 3.4 | 6.8 |
| NNW | .5 | 1.0 | 1.2 | .7 | | | | | | | | 3.4 | 7.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.4 | |
| | 14.6 | 28.6 | 30.7 | 11.1 | 1.4 | .1 | | | | | | 100.0 | 6.1 |

TOTAL NUMBER OF OBSERVATIONS 2677

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 1.6 | 1.6 | .6 | .1 | | | | | | | 5.4 | 6.6 |
| NNE | .6 | 1.2 | .9 | .2 | | | | | | | | 2.8 | 6.0 |
| NE | .7 | 1.4 | 1.5 | .4 | | | | | | | | 4.0 | 6.6 |
| ENE | .7 | .8 | 1.4 | .6 | .1 | | | | | | | 3.6 | 7.5 |
| E | .9 | 1.7 | 2.0 | .8 | .2 | | | | | | | 5.6 | 7.6 |
| ESE | .7 | .9 | 1.0 | .2 | .1 | | | | | | | 2.9 | 6.5 |
| SE | .6 | .7 | .4 | .1 | .0 | .0 | | | | | | 1.8 | 5.8 |
| SSE | .9 | .7 | .4 | .4 | | | | | | | | 2.4 | 5.8 |
| S | 1.3 | 2.2 | 1.7 | .9 | .0 | | | | | | | 6.2 | 6.8 |
| SSW | 1.5 | 2.7 | 3.3 | 1.3 | .1 | | | | | | | 8.8 | 7.2 |
| SW | 1.9 | 3.1 | 2.8 | 1.4 | | .0 | .0 | | | | | 9.3 | 6.8 |
| WSW | 1.5 | 2.5 | 1.9 | .4 | .0 | | | | | | | 6.3 | 5.9 |
| W | .6 | 2.6 | 1.3 | .6 | .1 | | | | | | | 5.4 | 6.7 |
| WNW | .5 | .9 | 1.5 | .8 | .2 | | | | | | | 4.0 | 8.5 |
| NW | .5 | 1.1 | .7 | .4 | .1 | | | | | | | 2.9 | 7.2 |
| NNW | .4 | 1.0 | 1.0 | .6 | .1 | | | | | | | 3.0 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.7 | |
| | 14.7 | 25.1 | 23.4 | 9.8 | 1.3 | .1 | .0 | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2682

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.1 | 1.7 | .4 | .1 | .0 | | | | | | 6.2 | 5.8 |
| NNE | .9 | 1.4 | 1.4 | .4 | .0 | | | | | | | 4.2 | 5.4 |
| NE | 1.0 | 1.7 | .8 | .3 | | .0 | | | | | | 4.0 | 5.8 |
| ENE | .3 | .9 | 1.2 | .2 | .2 | .0 | | | | | | 2.8 | 7.9 |
| E | .5 | 1.4 | 1.2 | .8 | .1 | .0 | | | | | | 3.9 | 7.7 |
| ESE | .2 | .8 | .9 | .1 | | | | | | | | 2.0 | 6.5 |
| SE | .5 | .7 | .7 | | .1 | | | | | | | 1.9 | 5.2 |
| SSE | .8 | 1.0 | 1.0 | .3 | | | | | | | | 3.1 | 6.3 |
| S | .9 | 2.4 | 2.4 | .5 | .0 | | | | | | | 6.1 | 6.7 |
| SSW | 1.6 | 2.3 | 2.3 | .6 | .1 | .0 | | | | | | 6.9 | 6.7 |
| SW | 2.1 | 3.9 | 2.5 | 1.2 | | | | | | | | 9.7 | 6.4 |
| WSW | 1.8 | 3.6 | 3.5 | .5 | | | | | | | | 9.4 | 6.1 |
| W | 1.4 | 3.1 | 1.9 | .4 | .1 | .0 | | | | | | 6.8 | 6.1 |
| WNW | .8 | 1.0 | .5 | .1 | | .0 | | | | | | 2.4 | 5.1 |
| NW | .7 | .8 | .7 | .2 | | | | | | | | 2.4 | 6.0 |
| NNW | 1.2 | 1.3 | 1.0 | .1 | .0 | | | | | | | 3.6 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 24.6 | |
| | 16.6 | 28.2 | 23.6 | 6.0 | .7 | .3 | | | | | | 100.0 | 4.8 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 5 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 3.1 | 1.6 | .5 | .1 | | | | | | | 7.7 | 5.5 |
| NNE | 1.5 | 2.4 | 1.4 | .3 | | | | | | | | 5.6 | 5.5 |
| NE | 1.0 | 1.9 | 1.5 | .2 | | | | | | | | 4.5 | 5.8 |
| ENE | .3 | .6 | 1.2 | .5 | | | | | | | | 2.7 | 8.1 |
| E | .3 | 1.0 | 1.0 | .4 | .0 | | .0 | | | | | 2.8 | 7.5 |
| ESE | .3 | .3 | 1.1 | | | .0 | | | | | | 1.8 | 6.8 |
| SE | .3 | .7 | .7 | .0 | | | | | | | | 1.7 | 6.2 |
| SSE | .5 | .8 | 1.0 | .1 | | | | | | | | 2.5 | 6.2 |
| S | 1.1 | 1.9 | 1.3 | .3 | .0 | | | | | | | 4.7 | 6.1 |
| SSW | .8 | 2.0 | 1.0 | .4 | | | .0 | | | | | 4.4 | 6.3 |
| SW | 2.0 | 2.8 | 2.4 | .8 | .1 | | | | | | | 8.1 | 6.2 |
| WSW | 1.6 | 3.4 | 3.4 | .5 | .0 | | | | | | | 8.9 | 6.3 |
| W | 1.5 | 2.7 | 2.0 | .3 | | | | | | | | 6.6 | 5.7 |
| WNW | 1.0 | 1.7 | .6 | .1 | .0 | | | | | | | 3.5 | 5.2 |
| NW | 1.0 | 1.0 | .7 | .1 | .2 | | | | | | | 3.1 | 6.0 |
| NNW | 1.9 | 2.2 | 1.0 | .2 | .0 | | | | | | | 5.3 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.2 | |
| | 17.8 | 28.6 | 22.1 | 4.7 | .6 | .0 | .1 | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2593

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.9 | 2.8 | 2.9 | .6 | .1 | | | | | | | 8.2 | 6.1 |
| NNE | 1.3 | 2.4 | 2.9 | .6 | | .0 | | | | | | 7.2 | 6.6 |
| NE | .8 | 2.5 | 2.0 | .4 | .0 | | | | | | | 5.9 | 6.5 |
| ENE | .5 | 1.2 | 1.4 | .9 | .0 | | | | | | | 4.0 | 7.8 |
| E | .5 | 1.1 | 1.5 | .7 | | | | | | | | 3.9 | 7.5 |
| ESE | .4 | 1.1 | 1.0 | .1 | | | | | | | | 2.5 | 6.2 |
| SE | .4 | .8 | .9 | .1 | .0 | | | | | | | 2.3 | 6.3 |
| SSE | .4 | .7 | .7 | .2 | | | | | | | | 2.1 | 6.9 |
| S | .9 | 1.6 | 1.5 | .3 | .1 | .0 | | | | | | 4.5 | 6.5 |
| SSW | .6 | 1.6 | 1.7 | .8 | .1 | .0 | | | | | | 4.9 | 7.8 |
| SW | 1.3 | 2.5 | 2.0 | .8 | .0 | | | | | | | 6.7 | 6.7 |
| WSW | 1.0 | 2.5 | 3.5 | 1.2 | .1 | | | | | | | 8.2 | 7.4 |
| W | 1.3 | 2.9 | 3.0 | .9 | .1 | .0 | | | | | | 8.7 | 7.1 |
| WNW | .9 | 1.7 | 1.7 | .5 | | | | | | | | 4.8 | 6.6 |
| NW | 1.2 | 1.8 | 1.2 | .4 | .0 | | | | | | | 4.6 | 5.9 |
| NNW | 1.6 | 2.5 | 1.3 | .6 | .2 | .0 | | | | | | 6.2 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.4 | |
| | 15.1 | 29.7 | 29.8 | 9.2 | .7 | .2 | | | | | | 100.0 | 5.7 |

TOTAL NUMBER OF OBSERVATIONS 2590

USAFETAC FORM AIR 64 085 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 1.4 | 3.9 | 1.5 | .2 | | | | | | | 7.9 | 8.5 |
| NNE | .5 | 1.1 | 3.0 | 1.0 | .1 | | | | | | | 5.8 | 8.4 |
| NE | .5 | 1.0 | 2.0 | .6 | .1 | | | | | | | 4.2 | 7.7 |
| ENE | .2 | .9 | 2.3 | 1.0 | | | | | | | | 4.4 | 8.9 |
| E | .3 | 1.8 | 3.6 | 1.5 | .1 | | | | | | | 7.4 | 8.6 |
| ESE | .4 | 1.6 | 2.8 | 1.0 | .0 | | | | | | | 5.8 | 8.1 |
| SE | .2 | 1.7 | 1.9 | .4 | .1 | | | | | | | 4.3 | 7.6 |
| SSE | .3 | 1.7 | 2.6 | .6 | .0 | | | | | | | 5.4 | 7.7 |
| S | .3 | 1.7 | 5.1 | 2.8 | .2 | | | | | | | 10.1 | 9.3 |
| SSW | .3 | .6 | 1.9 | 2.5 | .6 | .0 | | | | | | 5.9 | 11.0 |
| SW | .2 | .9 | 1.8 | 2.0 | .3 | .1 | | | | | | 5.2 | 10.2 |
| WSW | .2 | .8 | 3.4 | 2.2 | .4 | .1 | | | | | | 7.1 | 10.2 |
| W | .5 | 1.6 | 4.4 | 2.4 | .5 | | | | | | | 9.5 | 9.6 |
| WNW | .4 | 1.6 | 2.3 | 1.9 | .2 | .1 | | | | | | 6.4 | 9.0 |
| NW | .1 | 1.0 | 2.4 | 1.4 | .2 | | | | | | | 5.0 | 9.4 |
| NNW | .3 | 1.2 | 1.9 | 1.0 | .3 | | | | | | | 4.7 | 8.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 5.6 | 20.5 | 45.4 | 23.9 | 3.4 | .3 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 2591

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | .2 | .7 | 2.0 | 1.2 | .2 | | | | | | | 4.2 | 9.3 |
| NNE | .2 | .3 | 1.8 | .6 | .2 | .0 | | | | | | 3.1 | 9.4 |
| NE | .1 | .3 | 1.1 | .3 | | | | | | | | 1.7 | 8.0 |
| ENE | .1 | .4 | .7 | .8 | | | | | | | | 2.0 | 9.3 |
| E | .2 | .6 | 3.0 | 1.7 | .1 | | | | | | | 5.6 | 9.6 |
| ESE | .3 | 1.2 | 3.8 | 1.8 | .2 | .0 | | | | | | 7.4 | 9.3 |
| SE | .2 | 1.8 | 3.8 | 1.4 | | | | | | | | 7.1 | 8.4 |
| SSE | .1 | 1.8 | 6.0 | 2.5 | .2 | | | | | | | 10.6 | 9.3 |
| S | .1 | 1.1 | 8.4 | 8.8 | .7 | .1 | | | | | | 19.2 | 11.1 |
| SSW | .1 | .3 | 2.2 | 6.9 | 1.4 | .4 | | | | | | 11.3 | 13.5 |
| SW | .0 | .2 | .5 | 2.2 | .6 | | | | | | | 3.5 | 13.3 |
| WSW | | .2 | 1.4 | 1.7 | .5 | .2 | .0 | | | | | 3.9 | 12.8 |
| W | .2 | .5 | 2.6 | 2.7 | .6 | .1 | | | | | | 6.7 | 11.3 |
| WNW | .1 | .6 | 2.0 | 2.1 | .2 | .0 | | | | | | 5.0 | 10.7 |
| NW | .0 | .5 | 1.7 | 1.7 | .1 | | | | | | | 4.1 | 10.3 |
| NNW | .1 | .7 | 1.8 | 1.3 | .2 | | | | | | | 4.0 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .4 | |
| | 1.9 | 11.3 | 42.7 | 37.7 | 4.9 | .9 | .0 | | | | | 100.0 | 10.6 |

TOTAL NUMBER OF OBSERVATIONS 2591

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .8 | 1.8 | .9 | .1 | | | | | | | 3.7 | 8.8 |
| NNE | .2 | .8 | .8 | .5 | .1 | | | | | | | 2.3 | 8.4 |
| NE | .1 | .4 | .8 | .1 | .0 | | | | | | | 1.4 | 7.8 |
| ENE | .1 | .4 | 1.0 | .4 | .0 | | | | | | | 2.0 | 8.4 |
| E | .2 | .7 | 2.8 | 1.5 | .0 | | | | | | | 5.2 | 9.4 |
| ESE | .2 | 1.2 | 3.4 | 1.3 | .1 | .0 | | | | | | 6.3 | 9.0 |
| SE | .1 | 1.5 | 3.7 | .8 | .0 | | | | | | | 6.2 | 8.2 |
| SSE | .2 | 1.9 | 5.3 | 1.7 | .2 | | | | | | | 9.2 | 8.8 |
| S | .1 | 2.3 | 8.8 | 9.2 | .6 | | | | | | | 20.9 | 10.6 |
| SSW | .2 | .8 | 5.0 | 9.6 | 1.7 | .3 | | | | | | 17.5 | 12.4 |
| SW | .3 | .2 | 1.0 | 2.6 | .7 | .1 | | | | | | 4.7 | 13.2 |
| WSW | .2 | .1 | 1.0 | 1.3 | .3 | .0 | .1 | | | | | 2.8 | 12.2 |
| W | .0 | .5 | 1.9 | 1.7 | .6 | .1 | | | | | | 4.8 | 11.5 |
| WNW | .2 | .5 | 2.0 | 1.7 | .3 | .0 | | | | | | 4.8 | 10.7 |
| NW | .1 | .3 | 1.8 | 1.2 | .1 | | | | | | | 3.6 | 10.1 |
| NNW | .1 | .8 | 1.6 | 1.6 | .0 | .0 | | | | | | 4.1 | 9.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .5 | |
| | 1.9 | 13.2 | 42.4 | 36.2 | 4.9 | .7 | .1 | | | | | 100.0 | 10.3 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

PROCESSING BRANCH
USAF
WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | .9 | 1.7 | .8 | .4 | .1 | .0 | | | | | | 3.9 | 6.4 |
| NNE | .4 | 1.0 | .9 | .2 | | | | | | | | 2.5 | 6.3 |
| NE | .6 | .7 | .5 | .1 | | | | | | | | 1.9 | 5.9 |
| ENE | .3 | .9 | .7 | .5 | | | | | | | | 2.3 | 7.3 |
| E | .5 | 1.6 | 2.4 | 1.8 | .2 | | | | | | | 6.2 | 8.7 |
| ESE | .8 | 1.8 | 1.9 | .2 | .1 | | | | | | | 4.8 | 6.7 |
| SE | 1.3 | 2.1 | 1.5 | .0 | .1 | .0 | | | | | | 5.1 | 5.6 |
| SSE | 1.1 | 2.5 | 1.9 | .4 | | | | | | | | 5.9 | 6.0 |
| S | 2.0 | 4.8 | 7.7 | 1.4 | .2 | | | | | | | 16.1 | 7.2 |
| SSW | 1.3 | 4.3 | 8.7 | 4.0 | .4 | .1 | | | | | | 18.7 | 8.6 |
| SW | 1.4 | 2.6 | 4.7 | 1.8 | .1 | | | | | | | 10.5 | 7.7 |
| WSW | .6 | 1.1 | 1.0 | .3 | | | | | | | | 3.1 | 6.5 |
| W | .9 | 1.4 | .9 | .5 | .1 | | | | | | | 3.6 | 6.5 |
| WNW | .3 | .7 | .8 | .5 | .2 | | | | | | | 2.6 | 8.5 |
| NW | .3 | .9 | .4 | .3 | | | | | | | | 1.9 | 6.4 |
| NNW | .7 | .9 | .9 | .2 | .0 | | | | | | | 2.6 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.3 | |
| | 13.4 | 28.3 | 35.7 | 12.3 | 1.4 | .2 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2585

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

DATA PROCESSING BRANCH
2 ETAC/USAF
AIR WEATHER SERVICE MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 1.4 | .9 | .1 | .1 | | | | | | | 3.9 | 5.4 |
| NNE | .6 | 1.0 | .7 | .3 | .0 | | | | | | | 2.7 | 6.4 |
| NE | .7 | 1.1 | .9 | .3 | .1 | | | | | | | 3.0 | 6.7 |
| ENE | .3 | 1.0 | 1.5 | .2 | .0 | | | | | | | 3.1 | 7.0 |
| E | .6 | 1.9 | 2.2 | .8 | .1 | .0 | | | | | | 5.6 | 7.7 |
| ESE | .7 | 1.1 | 1.1 | .3 | | | | | | | | 3.3 | 6.4 |
| SE | .6 | 1.2 | .7 | .1 | | | | | | | | 2.6 | 5.4 |
| SSE | 1.0 | 1.6 | 1.7 | .2 | .0 | | | | | | | 4.5 | 6.1 |
| S | 1.5 | 3.6 | 2.9 | .9 | .1 | | | | | | | 8.9 | 6.5 |
| SSW | 2.0 | 3.8 | 3.9 | .7 | .2 | | | | | | | 10.7 | 6.5 |
| SW | 2.1 | 5.7 | 4.7 | 1.4 | .0 | | | | | | | 14.1 | 6.6 |
| WSW | 1.7 | 3.4 | 2.7 | .3 | .1 | | | | | | | 8.2 | 6.2 |
| W | 1.0 | 1.4 | .8 | .1 | | | | | | | | 3.3 | 5.2 |
| WNW | .2 | .5 | .6 | .3 | .1 | | | | | | | 1.6 | 8.2 |
| NW | .7 | .3 | .3 | .2 | | | | | | | | 1.6 | 5.9 |
| NNW | .8 | .7 | .9 | .2 | | .0 | | | | | | 2.6 | 6.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.3 | |
| | 15.9 | 29.9 | 26.5 | 6.4 | 1.0 | .1 | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2594

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 1.9 | .7 | .2 | .0 | | | | | | | 5.1 | 4.8 |
| NNE | 1.2 | 1.7 | 1.1 | .2 | .1 | | | | | | | 4.3 | 5.7 |
| NE | 1.4 | 2.4 | 1.2 | .4 | | | | | | | | 5.4 | 5.8 |
| ENE | .7 | .8 | .7 | .3 | .1 | | | | | | | 2.7 | 6.7 |
| E | .0 | 1.4 | 1.2 | .4 | .0 | | | | | | | 3.6 | 6.4 |
| ESE | .4 | 1.3 | .7 | .1 | | | | | | | | 2.6 | 6.1 |
| SE | .9 | 1.0 | .5 | .1 | | | | | | | | 2.5 | 4.9 |
| SSE | .4 | 1.3 | .6 | .1 | | | | | | | | 2.5 | 5.9 |
| S | 1.5 | 2.3 | 2.1 | .4 | | | | | | | | 6.3 | 5.9 |
| SSW | 1.4 | 2.3 | 1.6 | .3 | | | | | | | | 5.6 | 5.7 |
| SW | 2.8 | 4.2 | 2.8 | .6 | | | | | | | | 10.4 | 5.6 |
| WSW | 2.2 | 3.2 | 1.9 | .3 | | | | | | | | 7.6 | 5.4 |
| W | 1.6 | 3.0 | 1.4 | .1 | | | | | | | | 6.2 | 5.2 |
| WNW | .8 | 1.0 | .4 | .2 | | | | | | | | 2.5 | 5.3 |
| NW | 1.2 | .7 | .4 | | | | | | | | | 2.4 | 4.1 |
| NNW | 1.2 | .8 | .1 | .1 | .1 | | | | | | | 2.3 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.0 | |
| | 20.8 | 29.5 | 17.6 | 3.7 | .3 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2669

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.3 | 2.8 | 1.3 | .1 | .1 | .0 | | | | | | 7.8 | 4.9 |
| NNE | 2.0 | 2.7 | 1.1 | .3 | .1 | | | | | | | 6.2 | 5.4 |
| NE | 1.5 | 2.4 | 1.8 | .3 | .1 | | | | | | | 6.1 | 6.0 |
| ENE | .6 | .4 | .7 | .1 | | | | | | | | 1.8 | 5.7 |
| E | .3 | .9 | .6 | .3 | | | | | | | | 2.1 | 7.1 |
| ESE | .4 | 1.0 | .3 | .0 | | | | | | | | 1.8 | 5.0 |
| SE | .2 | .8 | .4 | .0 | | | | | | | | 1.6 | 5.6 |
| SSE | .5 | .7 | .4 | .1 | | | | | | | | 1.7 | 5.4 |
| S | 1.0 | 1.9 | 1.1 | .2 | | | | | | | | 4.2 | 5.5 |
| SSW | 1.2 | 1.8 | 1.0 | .3 | .0 | | | | | | | 4.3 | 5.5 |
| SW | 2.5 | 2.7 | 1.9 | .3 | | | | | | | | 7.4 | 5.2 |
| WSW | 1.9 | 2.7 | 1.5 | .3 | | | | | | | | 6.4 | 5.4 |
| W | 2.4 | 3.9 | 1.7 | .0 | | | | | | | | 7.9 | 4.9 |
| WNW | 1.3 | 1.2 | .5 | | | | | | | | | 3.0 | 4.3 |
| NW | 1.6 | 1.2 | .3 | .1 | .0 | | | | | | | 3.2 | 4.3 |
| NNW | 1.6 | 1.2 | .4 | .0 | | | | | | | | 3.3 | 4.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.0 | |
| | 22.5 | 28.4 | 14.9 | 2.7 | .4 | .0 | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 2670

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 3.2 | 2.3 | .4 | .1 | | | | | | | 8.6 | 5.5 |
| NNE | 1.7 | 2.9 | 2.5 | .5 | .1 | | | | | | | 7.7 | 6.3 |
| NE | 2.2 | 3.5 | 2.5 | .7 | | | | | | | | 8.8 | 6.0 |
| ENE | .7 | 1.7 | 1.1 | .2 | .0 | | | | | | | 3.7 | 5.8 |
| E | .6 | 1.1 | 1.1 | .4 | | | | | | | | 3.2 | 6.9 |
| ESE | .3 | 1.4 | .7 | .1 | | | | | | | | 2.5 | 5.9 |
| SE | .5 | .9 | .6 | .0 | | | | | | | | 2.0 | 5.7 |
| SSE | .2 | .8 | .6 | .1 | | | | | | | | 1.8 | 6.5 |
| S | .7 | 2.0 | 1.5 | .4 | | | | | | | | 4.6 | 6.4 |
| SSW | .8 | 1.5 | 1.3 | .7 | | | | | | | | 4.2 | 6.8 |
| SW | 1.6 | 1.6 | 2.0 | .5 | | | | | | | | 5.9 | 6.1 |
| WSW | 1.2 | 2.7 | 2.6 | 1.1 | .0 | | | | | | | 7.7 | 6.9 |
| W | 2.0 | 3.5 | 3.0 | .8 | | | | | | | | 9.3 | 6.2 |
| WNW | 1.2 | 2.3 | 1.5 | .2 | | | | | | | | 5.1 | 5.6 |
| NW | 1.1 | 2.1 | 1.2 | .2 | | | | | | | | 4.6 | 5.6 |
| NNW | 2.1 | 2.0 | .8 | .2 | | | | | | | | 5.0 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 15.5 | |
| | 1..5 | 33.2 | 25.2 | 6.3 | .3 | | | | | | | 100.0 | 5.1 |

TOTAL NUMBER OF OBSERVATIONS 2665

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | 2.9 | 3.0 | .7 | .1 | | | | | | | 7.6 | 7.1 |
| NNE | .4 | 1.7 | 2.5 | .9 | .2 | | | | | | | 5.6 | 7.8 |
| NE | .5 | 1.6 | 2.4 | .9 | | | | | | | | 5.4 | 7.6 |
| ENE | .5 | 1.4 | 2.0 | 1.2 | .2 | | | | | | | 5.3 | 8.5 |
| E | .5 | 1.8 | 4.1 | 1.6 | .1 | | | | | | | 8.1 | 8.2 |
| ESE | .5 | 1.4 | 3.1 | .7 | .1 | | | | | | | 5.8 | 8.0 |
| SE | .2 | 2.3 | 2.7 | .7 | | | | | | | | 5.9 | 7.2 |
| SSE | .2 | 2.1 | 2.8 | .6 | | | | | | | | 5.7 | 7.4 |
| S | .5 | 2.0 | 5.6 | 2.6 | .0 | | | | | | | 10.7 | 8.7 |
| SSW | .3 | .8 | 2.1 | 2.0 | .2 | | | | | | | 5.4 | 9.8 |
| SW | .4 | .8 | 2.0 | .7 | | | | | | | | 4.0 | 8.2 |
| WSW | .6 | 1.4 | 1.9 | 1.1 | .0 | | | | | | | 5.0 | 8.0 |
| W | 1.2 | 3.2 | 3.3 | 1.1 | | | | | | | | 8.7 | 7.1 |
| WNW | .6 | 2.0 | 2.7 | .9 | .0 | | | | | | | 6.2 | 7.5 |
| NW | .5 | 1.8 | 1.7 | .5 | | | | | | | | 4.4 | 7.0 |
| NNW | .3 | 1.9 | 1.8 | .5 | | | | | | | | 4.5 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.6 | |
| | 8.0 | 28.9 | 43.8 | 16.8 | .9 | | | | | | | 100.0 | 7.7 |

TOTAL NUMBER OF OBSERVATIONS 2665

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | .3 | 1.2 | 1.8 | .4 | | .1 | | | | | | 3.8 | 7.7 |
| NNE | .2 | .4 | 1.5 | .5 | .1 | | | | | | | 2.7 | 8.8 |
| NE | .2 | .4 | 1.0 | .6 | .1 | | | | | | | 2.2 | 9.4 |
| ENE | | .5 | 1.2 | 1.2 | .1 | | | | | | | 2.9 | 10.2 |
| E | .2 | 1.2 | 3.8 | 1.7 | .1 | | | | | | | 7.0 | 9.1 |
| ESE | .1 | 2.0 | 5.6 | 1.1 | .0 | | | | | | | 8.8 | 8.5 |
| SE | .2 | 2.0 | 5.9 | 1.2 | .0 | | | | | | | 9.3 | 8.4 |
| SSE | .3 | 2.1 | 6.8 | 2.6 | | | | | | | | 11.7 | 8.9 |
| S | .1 | 1.7 | 11.2 | 7.9 | .5 | | | | | | | 21.3 | 10.4 |
| SSW | .0 | .6 | 1.8 | 6.1 | 1.1 | | | | | | | 9.6 | 12.6 |
| SW | .0 | .5 | 1.3 | 2.1 | .1 | | | | | | | 4.1 | 10.9 |
| WSW | .1 | .3 | 1.2 | .7 | | | | | | | | 2.2 | 9.4 |
| W | .3 | 1.1 | 2.3 | .9 | | | | | | | | 4.6 | 8.4 |
| WNW | .4 | 1.1 | 1.4 | 1.2 | .1 | | | | | | | 4.2 | 8.6 |
| NW | .2 | .7 | 1.1 | .5 | .0 | | | | | | | 2.5 | 8.2 |
| NNW | .3 | .6 | 1.3 | .4 | | | | | | | | 2.6 | 7.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .6 | |
| | 2.9 | 16.2 | 48.9 | 29.0 | 2.2 | .1 | | | | | | 100.0 | 9.5 |

TOTAL NUMBER OF OBSERVATIONS 2662

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 1'717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-47,49-72 | MAY |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER (CLASS)

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .9 | .9 | .3 | .1 | | | | | | | 2.2 | 7.7 |
| NNE | .2 | .3 | 1.1 | .5 | .1 | | | | | | | 2.3 | 9.0 |
| NE | .0 | .8 | 1.0 | .1 | | | | | | | | 2.0 | 7.5 |
| ENE | .0 | .5 | .6 | .3 | .3 | | | | | | | 1.2 | 10.2 |
| E | .2 | 1.5 | 3.3 | 1.6 | .3 | | | | | | | 6.9 | 9.2 |
| ESE | .2 | 1.6 | 4.7 | .9 | .1 | | | | | | | 7.4 | 8.3 |
| SE | .3 | 2.3 | 4.7 | .9 | .0 | | | | | | | 8.3 | 7.9 |
| SSE | .2 | 2.7 | 6.6 | 1.8 | | | | | | | | 11.2 | 8.3 |
| S | .1 | 2.7 | 11.6 | 8.4 | .3 | | | | | | | 23.1 | 10.0 |
| SSW | .1 | 1.0 | 5.2 | 7.6 | 1.0 | .0 | | | | | | 15.1 | 11.4 |
| SW | .1 | .5 | 2.3 | 3.8 | .3 | | | | | | | 7.1 | 11.2 |
| WSW | .0 | .5 | .9 | .4 | | | | | | | | 1.8 | 8.5 |
| W | .0 | .4 | 1.8 | .9 | .0 | | | | | | | 3.1 | 9.6 |
| WNW | .0 | .4 | 1.1 | .7 | | | | | | | | 2.3 | 9.2 |
| NW | .1 | .4 | 1.3 | .3 | .0 | | | | | | | 2.2 | 8.4 |
| NNW | .1 | .6 | 1.2 | .3 | | | | | | | | 2.2 | 7.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 1.9 | 17.2 | 48.3 | 29.3 | 2.6 | .0 | | | | | | 100.0 | 9.4 |

TOTAL NUMBER OF OBSERVATIONS 2669

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | .9 | .8 | .5 | .1 | | | | | | | | 2.4 | 5.3 |
| NNE | .7 | .7 | .7 | .3 | .0 | | | | | | | 2.5 | 6.7 |
| NE | .6 | .8 | .7 | .4 | .0 | | | | | | | 2.6 | 7.0 |
| ENE | .7 | .8 | 1.1 | .7 | .1 | | | | | | | 3.4 | 7.7 |
| E | .8 | 2.2 | 2.7 | 1.1 | .0 | | | | | | | 6.9 | 7.5 |
| ESE | 1.0 | 2.6 | 2.0 | .3 | .0 | | | | | | | 6.0 | 6.1 |
| SE | 1.5 | 2.5 | 1.9 | .0 | .1 | | | | | | | 6.1 | 5.6 |
| SSE | 1.6 | 3.4 | 2.2 | .2 | | | | | | | | 7.5 | 5.6 |
| S | 2.2 | 6.2 | 7.0 | 2.0 | .0 | | | | | | | 17.4 | 6.9 |
| SSW | 1.3 | 4.5 | 7.3 | 3.0 | .1 | | | | | | | 16.3 | 8.0 |
| SW | 1.1 | 2.8 | 5.6 | 1.5 | .1 | | | | | | | 11.1 | 7.7 |
| WSW | .5 | 1.1 | .9 | .1 | .0 | | | | | | | 2.7 | 6.1 |
| W | 1.0 | 1.4 | .5 | .1 | | | | | | | | 3.1 | 4.8 |
| WNW | .4 | .4 | .3 | .1 | | | | | | | | 1.2 | 5.5 |
| NW | .2 | .4 | .4 | .0 | | | | | | | | 1.1 | 6.3 |
| NNW | .3 | .4 | .4 | .0 | .0 | | | | | | | .2 | 6.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.6 | |
| | 15.0 | 31.2 | 34.4 | 10.1 | .7 | | | | | | | 100.0 | 6.3 |

TOTAL NUMBER OF OBSERVATIONS 2668

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AF& SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | MAY (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.1 | .5 | .1 | | | | | | | | 2.8 | 4.9 |
| NNE | .9 | 1.1 | .7 | .4 | | | | | | | | 3.0 | 6.1 |
| NE | .7 | 1.8 | 1.1 | .5 | .1 | | | | | | | 4.1 | 6.7 |
| ENE | .6 | .9 | 1.1 | .5 | | | | | | | | 3.1 | 6.8 |
| E | 1.5 | 2.0 | 2.0 | .5 | .1 | | | | | | | 5.9 | 6.3 |
| ESE | .8 | 1.5 | 1.1 | .1 | .1 | | | | | | | 3.5 | 6.1 |
| SE | 1.4 | 1.8 | 1.1 | | | | | | | | | 4.3 | 5.0 |
| SSE | 1.1 | 2.1 | 1.1 | .3 | | | | | | | | 4.5 | 5.6 |
| S | 2.1 | 3.5 | 3.0 | .5 | | | | | | | | 9.0 | 5.9 |
| SSW | 2.3 | 5.1 | 2.9 | 1.2 | .0 | | | | | | | 11.6 | 6.2 |
| SW | 2.8 | 5.1 | 3.9 | .9 | | | | | | | | 12.7 | 5.9 |
| WSW | 1.3 | 2.5 | 1.7 | .5 | | | | | | | | 5.9 | 6.0 |
| W | .7 | 2.0 | .4 | .1 | .0 | | | | | | | 3.2 | 5.0 |
| WNW | .6 | .7 | .4 | .1 | | | | | | | | 1.7 | 5.2 |
| NW | .5 | .3 | .2 | .0 | | | | | | | | 1.0 | 4.2 |
| NNW | .6 | .4 | .3 | .1 | | | | | | | | 1.4 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 22.4 | |
| | 18.8 | 31.6 | 21.4 | 5.5 | .3 | | | | | | | 100.0 | 4.6 |

TOTAL NUMBER OF OBSERVATIONS 2666

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 2.0 | .7 | .2 | | | | | | | | 5.3 | 4.3 |
| NNE | 1.5 | 2.4 | 1.1 | .1 | | | | | | | | 5.1 | 5.0 |
| NE | 1.2 | 2.3 | 1.5 | .1 | | | | | | | | 5.1 | 5.5 |
| ENE | .4 | 1.0 | .3 | | | | | | | | | 1.7 | 5.0 |
| E | .4 | 1.1 | .6 | .2 | | | | | | | | 2.3 | 5.9 |
| ESE | .2 | 1.0 | .5 | .1 | | | | | | | | 1.7 | 6.0 |
| SE | .5 | 1.1 | .4 | .1 | | | | | | | | 2.1 | 5.2 |
| SSE | .4 | 1.1 | .7 | 1 | | | | | | | | 2.4 | 5.9 |
| S | 1.3 | 1.9 | 1.6 | .3 | .1 | | | | | | | 5.2 | 6.2 |
| SSW | 1.7 | 3.2 | 2.0 | .4 | .0 | | | | | | | 7.4 | 5.7 |
| SW | 3.3 | 4.1 | 2.6 | .2 | | | | | | | | 10.3 | 5.1 |
| WSW | 2.6 | 2.9 | 1.8 | .2 | | | | | | | | 7.5 | 5.1 |
| W | 2.6 | 3.1 | 1.6 | .2 | | | | | | | | 7.7 | 5.1 |
| WNW | 1.0 | .9 | .6 | .2 | | | | | | | | 2.6 | 5.0 |
| NW | .6 | .3 | .3 | | | | | | | | | 1.2 | 4.4 |
| NNW | .9 | .8 | .3 | .0 | | | | | | | | 2.0 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 30.4 | |
| | 20.8 | 29.3 | 16.9 | 2.4 | .1 | | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2467

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 3.6 | .8 | .2 | | | | | | | | 8.5 | 4.2 |
| NNE | 1.4 | 3.0 | 1.7 | .2 | .0 | | | | | | | 6.4 | 5.5 |
| NE | 1.3 | 3.4 | 1.2 | .1 | | | | | | | | 6.0 | 5.2 |
| ENE | .6 | .5 | .2 | | .0 | | | | | | | 1.3 | 4.7 |
| E | .3 | .8 | .2 | .2 | | | | | | | | 1.5 | 5.7 |
| ESE | .3 | .2 | .2 | .0 | | | | | | | | .7 | 4.9 |
| SE | .9 | .5 | .6 | .0 | | | | | | | | 2.0 | 4.9 |
| SSE | .4 | .5 | .3 | .1 | .0 | | | | | | | 1.3 | 5.4 |
| S | .9 | 1.9 | .7 | .4 | .0 | | | | | | | 4.0 | 5.9 |
| SSW | 1.6 | 1.7 | 1.1 | .1 | .1 | | | | | | | 4.7 | 5.3 |
| SW | 2.3 | 2.6 | 1.6 | .3 | .0 | | | | | | | 6.8 | 5.5 |
| WSW | 1.7 | 3.4 | 1.5 | .3 | | | | | | | | 6.8 | 5.3 |
| W | 2.6 | 2.8 | 2.1 | .2 | | | | | | | | 7.6 | 5.2 |
| WNW | 1.1 | 1.0 | .7 | .1 | | | | | | | | 2.9 | 5.1 |
| NW | .9 | 1.0 | .2 | | | | | | | | | 2.1 | 4.0 |
| NNW | 1.1 | .6 | .5 | .1 | | | | | | | | 2.3 | 4.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 35.1 | |
| | 21.2 | 27.5 | 13.6 | 2.4 | .3 | | | | | | | 100.0 | 3.3 |

TOTAL NUMBER OF OBSERVATIONS 2473

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.1 | 3.5 | 1.4 | .4 | .0 | | | | | | | 8.3 | 4.3 |
| NNE | 1.6 | 3.2 | 2.3 | .2 | .0 | .0 | | | | | | 7.4 | 6.0 |
| NE | 1.2 | 4.1 | 2.9 | .4 | | | | | | | | 8.6 | 6.2 |
| ENE | .8 | 1.2 | 1.2 | .1 | .0 | | | | | | | 3.3 | 5.9 |
| E | .6 | .7 | 1.2 | .1 | | | | | | | | 2.5 | 6.0 |
| ESE | .3 | .8 | .6 | .2 | .0 | | | | | | | 2.0 | 6.8 |
| SE | .4 | .8 | .7 | .2 | | | | | | | | 2.1 | 6.6 |
| SSE | .5 | .8 | .5 | .1 | | | | | | | | 1.9 | 5.5 |
| S | .8 | 1.6 | 1.4 | .4 | | | | | | | | 4.1 | 6.5 |
| SSW | .9 | 1.6 | 1.8 | .5 | | | | | | | | 4.8 | 6.5 |
| SW | 1.2 | 2.5 | 2.3 | .4 | | | | | | | | 6.4 | 6.1 |
| WSW | 1.5 | 2.9 | 2.3 | .6 | | | | | | | | 7.3 | 6.0 |
| W | 2.4 | 4.3 | 3.7 | .6 | | | | | | | | 11.0 | 6.0 |
| WNW | 1.2 | 1.9 | 1.8 | .2 | | | | | | | | 5.2 | 6.1 |
| NW | 1.3 | 1.8 | 1.4 | .1 | | | | | | | | 4.5 | 5.5 |
| NNW | 1.4 | 1.4 | .5 | .2 | | | | | | | | 3.4 | 4.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 17.2 | |
| | 18.9 | 33.0 | 25.9 | 4.7 | .2 | .0 | | | | | | 100.0 | 4.9 |

TOTAL NUMBER OF OBSERVATIONS 2516

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.8 | 1.6 | .6 | .0 | | | | | | | 5.2 | 6.3 |
| NNE | .8 | 1.5 | 1.7 | .8 | | | | | | | | 4.8 | 7.2 |
| NE | .5 | 2.0 | 2.9 | .5 | .0 | | | | | | | 6.0 | 7.3 |
| ENE | .4 | 1.3 | 2.3 | .7 | .0 | | | | | | | 4.8 | 7.9 |
| E | .7 | 2.1 | 2.9 | 1.1 | .1 | | | | | | | 6.9 | 7.7 |
| ESE | .4 | 2.2 | 2.9 | .6 | | | | | | | | 6.1 | 7.3 |
| SE | .7 | 1.3 | 2.5 | .6 | | | | | | | | 5.3 | 7.0 |
| SSE | .7 | 1.8 | 3.3 | .4 | | | | | | | | 6.1 | 7.1 |
| S | .6 | 2.8 | 6.2 | 2.7 | .0 | | | | | | | 12.4 | 8.6 |
| SSW | .4 | .9 | 2.7 | 1.7 | .2 | | | | | | | 6.0 | 9.3 |
| SW | .4 | 1.3 | 1.8 | .6 | | | | | | | | 4.0 | 7.5 |
| WSW | .9 | 2.1 | 2.2 | .8 | | | | | | | | 6.0 | 6.9 |
| W | 1.4 | 3.3 | 3.8 | 1.0 | .1 | | | | | | | 9.6 | 6.9 |
| WNW | 1.0 | 2.9 | 1.9 | .6 | .1 | | | | | | | 6.5 | 6.5 |
| NW | 1.0 | 1.6 | 1.5 | .4 | | | | | | | | 4.4 | 6.2 |
| NNW | .4 | 1.5 | .9 | .2 | | | | | | | | 3.0 | 6.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.8 | |
| | 11.5 | 30.7 | 41.2 | 13.2 | .6 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2538

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.2 | .9 | .6 | | | | | | | | 3.4 | 6.9 |
| NNE | .2 | .4 | 1.1 | .6 | .1 | | | | | | | 2.2 | 9.0 |
| NE | .3 | .4 | 1.5 | .4 | .0 | | | | | | | 2.6 | 8.0 |
| ENE | .2 | .7 | 1.1 | .5 | | .0 | | | | | | 2.4 | 8.4 |
| E | .4 | 1.1 | 2.6 | 1.7 | .2 | | | | | | | 6.0 | 9.1 |
| ESE | .2 | 1.7 | 3.9 | 1.4 | | | | | | | | 7.3 | 8.3 |
| SE | .3 | 2.0 | 5.7 | 1.7 | | | | | | | | 9.7 | 8.3 |
| SSE | .1 | 2.8 | 7.3 | 1.6 | .0 | | | | | | | 11.8 | 8.3 |
| S | .4 | 2.6 | 13.2 | 9.2 | .5 | | | | | | | 25.9 | 10.0 |
| SSW | .2 | 1.0 | 3.1 | 5.2 | 1.1 | | | | | | | 10.6 | 11.7 |
| SW | .0 | .5 | .9 | 1.1 | .0 | | | | | | | 2.6 | 10.1 |
| WSW | .4 | .5 | 1.2 | .6 | .1 | | | | | | | 2.8 | 8.1 |
| W | .3 | 1.0 | 1.9 | .8 | .1 | | | | | | | 4.1 | 8.7 |
| WNW | .3 | .7 | 1.6 | .7 | .0 | .0 | | | | | | 3.4 | 8.6 |
| NW | .2 | .8 | .9 | .5 | .0 | .0 | | | | | | 2.5 | 8.1 |
| NNW | .2 | .6 | 1.1 | .2 | | | | | | | | 2.1 | 7.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .7 | |
| | 4.4 | 17.9 | 48.0 | 26.7 | 2.2 | .1 | | | | | | 100.0 | 9.1 |

TOTAL NUMBER OF OBSERVATIONS 2535

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .1 | .6 | .9 | .4 | | | | | | | | 2.0 | 7.7 |
| NNE | .2 | .6 | 1.2 | .2 | .1 | .0 | | | | | | 2.5 | 8.2 |
| NE | .3 | .6 | 1.1 | .2 | | | | | | | | 2.1 | 7.3 |
| ENE | .2 | .5 | 1.1 | .6 | .1 | | | | | | | 2.4 | 9.0 |
| E | .3 | 1.0 | 2.4 | 1.4 | | | | | | | | 5.2 | 8.6 |
| ESE | .2 | 1.3 | 4.1 | .9 | .0 | | | | | | | 6.5 | 8.1 |
| SE | .5 | 1.7 | 3.9 | 1.1 | | | | | | | | 7.2 | 7.9 |
| SSE | .4 | 2.5 | 5.5 | 2.0 | .0 | | | | | | | 10.4 | 8.3 |
| S | .4 | 3.6 | 14.7 | 8.9 | .1 | | | | | | | 27.8 | 9.6 |
| SSW | .4 | 1.3 | 5.6 | 7.8 | 1.3 | | | | | | | 16.3 | 11.3 |
| SW | .2 | .3 | 2.2 | 3.0 | .3 | .0 | | | | | | 6.0 | 11.1 |
| WSW | .3 | .5 | 1.4 | .6 | | | | | | | | 2.8 | 8.5 |
| W | .2 | .7 | 1.3 | .6 | .0 | | | | | | | 2.8 | 8.5 |
| WNW | .1 | .5 | 1.1 | .4 | | | | | | | | 2.1 | 8.7 |
| NW | | .5 | .7 | .4 | .1 | .0 | | | | | | 1.6 | 9.3 |
| NNW | .1 | .5 | .7 | .1 | .0 | | | | | | | 1.5 | 7.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .8 | |
| | 3.9 | 16.5 | 47.8 | 28.7 | 2.1 | .1 | | | | | | 100.0 | 9.2 |

TOTAL NUMBER OF OBSERVATIONS 2539

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .9 | .6 | .4 | .1 | .0 | | | | | | | 2.0 | 5.3 |
| NNE | .5 | 1.4 | .4 | .1 | | | | | | | | 2.4 | 5.3 |
| NE | .8 | .9 | 1.2 | .2 | | | | | | | | 3.2 | 6.3 |
| ENE | .3 | .5 | .9 | .2 | | | | | | | | 1.9 | 6.9 |
| E | .6 | 2.1 | 2.2 | .6 | .0 | | | | | | | 5.5 | 7.1 |
| ESE | .9 | 1.7 | 2.3 | .4 | | | | | | | | 5.3 | 6.6 |
| SE | 1.2 | 2.6 | 2.2 | .5 | | | | | | | | 6.5 | 6.2 |
| SSE | 1.0 | 3.0 | 1.9 | .5 | | | | | | | | 6.4 | 6.1 |
| S | 2.0 | 6.9 | 9.0 | 1.8 | .1 | | | | | | | 19.8 | 7.1 |
| SSW | 2.1 | 5.1 | 9.3 | 3.5 | .3 | | | | | | | 19.3 | 7.8 |
| SW | 1.3 | 3.5 | 3.9 | 1.7 | .0 | | | | | | | 10.4 | 7.4 |
| WSW | .6 | 1.3 | 1.0 | .3 | | .0 | | | | | | 3.3 | 6.4 |
| W | .9 | 1.3 | .6 | .1 | | | | | | | | 2.9 | 5.2 |
| WNW | .2 | .2 | .4 | .2 | .1 | | | | | | | 1.0 | 8.0 |
| NW | .3 | .6 | .3 | | .0 | | | | | | | 1.2 | 5.7 |
| NNW | .4 | .3 | .4 | .1 | | | | | | | | 1.2 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 7.8 | |
| | 14.0 | 32.0 | 35.3 | 10.3 | .6 | .0 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 2543

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.1 | 1.3 | .4 | .2 | .0 | | | | | | | 3.1 | 5.2 |
| NNE | 1.0 | 1.3 | .7 | .0 | | | | | | | | 3.0 | 5.0 |
| NE | 1.0 | 2.3 | 1.0 | .2 | | | | | | | | 4.5 | 5.4 |
| ENE | .5 | .5 | .8 | .2 | | | | | | | | 2.0 | 6.4 |
| E | 1.3 | 1.4 | 1.6 | .4 | | | | | | | | 4.7 | 5.9 |
| ESE | .7 | .9 | 1.1 | .1 | | | | | | | | 2.8 | 5.8 |
| SE | .6 | 1.5 | .9 | .4 | | | | | | | | 3.4 | 6.2 |
| SSE | 1.1 | 1.9 | 1.2 | .2 | | | | | | | | 4.5 | 5.7 |
| S | 2.5 | 4.2 | 3.5 | .7 | .0 | | | | | | | 10.9 | 5.9 |
| SSW | 2.8 | 4.1 | 3.8 | .9 | .0 | | | | | | | 11.8 | 6.0 |
| SW | 3.6 | 4.5 | 4.3 | .6 | | | | | | | | 12.8 | 5.7 |
| WSW | 1.4 | 2.6 | 2.1 | .2 | .0 | | | | | | | 6.3 | 5.8 |
| W | 1.3 | 2.0 | 1.1 | .1 | | | | | | | | 4.6 | 5.2 |
| WNW | .4 | .6 | .5 | .0 | | | | | | | | 1.6 | 5.2 |
| NW | .6 | .4 | .2 | .0 | | | | | | | | 1.2 | 4.6 |
| NNW | .5 | .3 | .3 | .0 | | | | | | | | 1.1 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 21.8 | |
| | 20.4 | 29.8 | 23.6 | 4.2 | .2 | | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 2532

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-46,49-72 | JUL |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 1.4 | .4 | .1 | | | | | | | | 4.2 | 3.9 |
| NNE | 1.1 | 1.8 | .7 | | | | | | | | | 3.5 | 4.7 |
| NE | .9 | 1.6 | .6 | | | | | | | | | 3.0 | 4.6 |
| ENE | .3 | .4 | .2 | | | | | | | | | .9 | 4.9 |
| E | .2 | .6 | .3 | .0 | | | | | | | | 1.1 | 5.5 |
| ESE | .2 | .5 | .4 | .1 | .0 | | | | | | | 1.3 | 6.6 |
| SE | .4 | .5 | .3 | .1 | | | | | | | | 1.3 | 5.0 |
| SSE | .5 | .6 | .6 | | | | | | | | | 1.7 | 5.3 |
| S | 1.1 | 1.7 | 1.2 | .2 | .1 | | | | | | | 4.3 | 5.9 |
| SSW | 1.8 | 3.6 | 2.0 | .9 | .1 | | | | | | | 8.5 | 6.2 |
| SW | 3.7 | 5.2 | 3.3 | .6 | | | | | | | | 12.8 | 5.4 |
| WSW | 3.0 | 3.9 | 2.7 | .7 | | | | | | | | 10.3 | 5.5 |
| W | 2.4 | 3.4 | 1.2 | .1 | | | | | | | | 7.1 | 4.8 |
| WNW | .7 | 1.1 | .4 | | | | | | | | | 2.2 | 4.6 |
| NW | .8 | 1.0 | .2 | .0 | | | | | | | | 1.9 | 4.4 |
| NNW | 1.0 | .6 | .2 | .0 | | | | | | | | 1.8 | 4.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.9 | |
| | 20.5 | 27.7 | 14.8 | 2.9 | .2 | | | | | | | 100.0 | 3.5 |

TOTAL NUMBER OF OBSERVATIONS 2492

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) JUL (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 | 3.2 | 1.7 | .6 | .0 | | | | | | | | 5.5 | 3.8 |
| NNE | 1.4 | 2.5 | .6 | .1 | | | | | | | | 4.6 | 4.8 |
| NE | 1.4 | 1.9 | .9 | | | | | | | | | 4.1 | 4.9 |
| ENE | .3 | .7 | .2 | .0 | | | | | | | | 1.2 | 5.0 |
| E | .3 | .2 | .1 | .0 | | | | | | | | .6 | 5.1 |
| ESE | .2 | .4 | .4 | | | | | | | | | .9 | 6.1 |
| SE | .3 | .2 | .2 | | | | | | | | | .6 | 4.6 |
| SSE | .1 | .3 | .1 | .0 | .0 | | | | | | | .6 | 6.9 |
| S | .6 | 1.0 | 1.3 | .2 | .0 | | | | | | | 3.1 | 6.7 |
| SSW | 1.5 | 2.2 | 1.4 | .4 | | | | | | | | 5.4 | 5.6 |
| SW | 3.1 | 4.0 | 1.8 | .3 | .0 | | | | | | | 9.2 | 5.0 |
| WSW | 2.7 | 4.2 | 2.0 | .4 | | | | | | | | 9.3 | 5.2 |
| W | 2.7 | 3.9 | .9 | .2 | | | | | | | | 7.8 | 4.6 |
| WNW | .8 | 1.3 | .4 | .2 | | | | | | | | 2.7 | 5.1 |
| NW | 1.1 | 1.2 | .3 | | .0 | | | | | | | 2.6 | 4.4 |
| NNW | 1.4 | .7 | .1 | | | | | | | | | 2.2 | 3.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 39.5 | |
| | 21.0 | 26.1 | 11.2 | 1.9 | .2 | | | | | | | 100.0 | 3.0 |

TOTAL NUMBER OF OBSERVATIONS 2515

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 2.6 | 1.4 | .0 | | | | | | | | 7.2 | 4.4 |
| NNE | 1.5 | 2.3 | 2.0 | .0 | | | | | | | | 5.8 | 5.4 |
| NE | 1.8 | 2.9 | 1.9 | .1 | | | | | | | | 6.7 | 5.4 |
| ENE | .6 | 1.2 | .5 | .1 | | | | | | | | 2.4 | 5.4 |
| E | .4 | .7 | .4 | .0 | | | | | | | | 1.5 | 5.3 |
| ESE | .3 | .4 | .3 | .2 | | | | | | | | 1.2 | 6.2 |
| SE | .4 | .2 | .3 | .0 | | | | | | | | .9 | 5.4 |
| SSE | .2 | .4 | .4 | .1 | | | | | | | | 1.1 | 6.6 |
| S | .7 | 1.3 | 1.1 | .3 | .0 | | | | | | | 3.4 | 6.5 |
| SSW | .6 | 1.9 | 1.7 | .4 | .1 | | | | | | | 4.7 | 6.8 |
| SW | 2.0 | 3.4 | 2.2 | .5 | | | | | | | | 8.1 | 5.8 |
| WSW | 2.6 | 4.9 | 3.5 | 1.2 | | | | | | | | 12.2 | 6.3 |
| W | 2.1 | 5.4 | 3.1 | .5 | | | | | | | | 11.1 | 5.7 |
| WNW | 1.2 | 2.6 | 1.8 | .0 | | | | | | | | 5.5 | 5.5 |
| NW | 1.4 | 1.7 | .6 | .0 | | | | | | | | 3.7 | 4.7 |
| NNW | 1.7 | .9 | .3 | .0 | | | | | | | | 2.9 | 3.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 21.4 | |
| | 20.5 | 32.7 | 21.5 | 3.7 | .1 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.2 | 1.7 | 1.2 | .2 | | | | | | | | 4.3 | 5.4 |
| NNE | .8 | 1.4 | 1.6 | .2 | .0 | | | | | | | 4.0 | 6.4 |
| NE | .7 | 1.7 | 2.2 | .3 | | | | | | | | 4.9 | 6.7 |
| ENE | .4 | 1.2 | 1.7 | .5 | .1 | | | | | | | 3.7 | 7.5 |
| E | .8 | 1.4 | 2.1 | .5 | .1 | | | | | | | 4.9 | 7.2 |
| ESE | .5 | 1.8 | 2.2 | .7 | .0 | | | | | | | 5.1 | 7.3 |
| SE | .5 | 1.6 | 1.5 | .2 | | | | | | | | 3.9 | 6.3 |
| SSE | .5 | 1.9 | 2.5 | .2 | | | | | | | | 5.1 | 6.8 |
| S | .8 | 3.0 | 6.4 | 2.4 | .2 | | | | | | | 12.7 | 8.4 |
| SSW | .3 | 1.7 | 3.6 | 1.9 | .2 | | | | | | | 7.8 | 8.8 |
| SW | .6 | 2.0 | 2.4 | 1.0 | .1 | | | | | | | 6.1 | 7.6 |
| WSW | 1.4 | 3.0 | 4.0 | 1.1 | | | | | | | | 9.4 | 7.1 |
| W | 1.9 | 4.7 | 4.0 | .8 | .0 | | | | | | | 11.6 | 6.4 |
| WNW | 1.1 | 2.9 | 2.0 | .4 | | | | | | | | 6.4 | 6.1 |
| NW | .8 | 1.6 | .9 | .0 | | | | | | | | 3.4 | 5.3 |
| NNW | 1.0 | 1.2 | .5 | .1 | | | | | | | | 2.9 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.8 | |
| | 13.5 | 32.9 | 38.6 | 10.5 | .7 | | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2593

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.0 | .7 | .0 | .0 | | | | | | | 1.9 | 6.4 |
| NNE | .1 | .8 | .8 | .4 | | | | | | | | 2.0 | 7.6 |
| NE | .2 | .8 | 1.2 | .2 | | | | | | | | 2.5 | 7.0 |
| ENE | .2 | .4 | .9 | .2 | .0 | | | | | | | 1.7 | 7.6 |
| E | .2 | 1.3 | 2.6 | .6 | .2 | | | | | | | 4.8 | 8.1 |
| ESE | .3 | 1.4 | 3.6 | 1.2 | .2 | | | | | | | 6.7 | 8.9 |
| SE | .2 | 1.9 | 3.3 | .8 | | | | | | | | 6.1 | 7.8 |
| SSE | .5 | 2.3 | 6.4 | 1.5 | | | | | | | | 10.7 | 8.0 |
| S | .5 | 3.9 | 12.4 | 10.1 | 1.1 | | | | | | | 28.0 | 10.1 |
| SSW | .3 | 1.2 | 4.4 | 7.1 | .9 | | | | | | | 13.9 | 11.3 |
| SW | .4 | .7 | 2.0 | 1.7 | .3 | .0 | | | | | | 5.1 | 9.9 |
| WSW | .5 | 1.0 | 1.8 | 1.2 | | | | | | | | 4.4 | 8.2 |
| W | .8 | 1.6 | 2.2 | .6 | .0 | | | | | | | 5.3 | 7.1 |
| WNW | .2 | 1.0 | 1.2 | .3 | | | | | | | | 2.8 | 7.1 |
| NW | .3 | 1.0 | .4 | .0 | | | | | | | | 1.7 | 5.3 |
| NNW | .4 | .3 | .5 | .0 | | | | | | | | 1.2 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 1.0 | |
| | 5.3 | 20.6 | 44.3 | 25.9 | 2.6 | .0 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 2586

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .5 | .5 | .7 | .2 | | | | | | | | 1.8 | 6.4 |
| NNE | .2 | .6 | .8 | .3 | | | | | | | | 1.8 | 7.3 |
| NE | .3 | .8 | .8 | .2 | | | | | | | | 2.1 | 6.6 |
| ENE | .3 | .7 | .6 | .2 | .1 | | | | | | | 1.9 | 7.1 |
| E | .2 | 1.0 | 2.7 | .4 | .2 | | | | | | | 4.5 | 8.2 |
| ESE | .3 | 1.7 | 2.3 | .7 | .1 | .0 | | | | | | 5.2 | 7.9 |
| SE | .3 | 2.5 | 2.5 | .5 | | | | | | | | 5.8 | 7.1 |
| SSE | .4 | 2.0 | 5.5 | .7 | | | | | | | | 8.7 | 7.7 |
| S | .6 | 3.3 | 13.5 | 7.6 | | | | | | | | 25.6 | 9.6 |
| SSW | .3 | 2.3 | 8.9 | 10.3 | .2 | .0 | | | | | | 23.1 | 11.1 |
| SW | .2 | 1.2 | 2.6 | 3.3 | .2 | .0 | | | | | | 7.5 | 10.5 |
| WSW | .3 | 1.1 | 1.7 | .7 | | | | | | | | 3.9 | 7.9 |
| W | .5 | 1.1 | 1.0 | .3 | | | | | | | | 3.0 | 6.5 |
| WNW | .1 | .9 | .6 | .2 | | | | | | | | 1.7 | 6.9 |
| NW | .1 | .4 | .5 | .1 | .0 | | | | | | | 1.1 | 7.4 |
| NNW | .3 | .3 | .3 | .0 | | | | | | | | 1.0 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 1.4 | |
| | 5.0 | 20.5 | 45.0 | 25.6 | 2.3 | .1 | | | | | | 100.0 | 8.9 |

TOTAL NUMBER OF OBSERVATIONS 2598

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | .8 | .7 | .1 | .3 | | | | | | | | 1.9 | 5.1 |
| NNE | .5 | .8 | .7 | .1 | .0 | | | | | | | 2.1 | 5.7 |
| NE | .7 | 1.2 | .4 | .2 | | | | | | | | 2.5 | 5.3 |
| ENE | .5 | .5 | .6 | .1 | .0 | | | | | | | 1.8 | 5.9 |
| E | .8 | 1.5 | 1.8 | .2 | .1 | | | | | | | 4.4 | 6.6 |
| ESE | .8 | 1.6 | 1.0 | .4 | | | | | | | | 3.9 | 6.3 |
| SE | .8 | 2.3 | 1.3 | .2 | | | | | | | | 4.6 | 5.7 |
| SSE | 1.1 | 2.6 | 1.4 | .2 | | | | | | | | 5.3 | 5.5 |
| S | 2.0 | 5.5 | 7.7 | 1.4 | .0 | | | | | | | 16.7 | 6.9 |
| SSW | 1.4 | 6.2 | 9.2 | 4.1 | .1 | | | | | | | 21.0 | 8.0 |
| SW | 1.9 | 3.9 | 6.6 | 2.5 | .0 | | | | | | | 14.9 | 7.7 |
| WSW | .9 | 1.9 | 2.2 | .3 | | | | | | | | 5.4 | 6.7 |
| W | 1.0 | 1.2 | .8 | .1 | | | | | | | | 3.1 | 5.3 |
| WNW | .2 | .5 | .5 | .1 | | | | | | | | 1.3 | 6.2 |
| NW | .3 | .3 | .1 | .0 | | | | | | | | .8 | 4.5 |
| NNW | .2 | .2 | .2 | | | | | | | | | .7 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 9.6 | |
| | 14.2 | 31.0 | 34.7 | 10.1 | .4 | | | | | | | 100.0 | 6.2 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) HYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 | 1.4 | 1.1 | .6 | .1 | | | | | | | | 3.1 | 4.7 |
| NNE | .7 | 1.0 | .5 | .1 | | | | | | | | 2.4 | 5.0 |
| NE | 1.1 | 1.5 | .5 | .0 | | | | | | | | 3.1 | 4.6 |
| ENE | .4 | .4 | .2 | .0 | | | | | | | | 1.0 | 5.3 |
| E | .7 | 1.2 | .6 | .2 | .1 | | | | | | | 2.7 | 6.1 |
| ESE | .4 | 1.3 | .6 | .3 | | | | | | | | 2.5 | 6.2 |
| SE | .8 | 1.4 | .8 | .1 | | | | | | | | 3.1 | 5.4 |
| SSE | .7 | 1.3 | .9 | .0 | | | | | | | | 3.0 | 5.5 |
| S | 1.3 | 3.9 | 2.6 | .3 | | | | | | | | 8.2 | 5.9 |
| SSW | 2.4 | 5.3 | 4.2 | .6 | .1 | | | | | | | 12.6 | 6.1 |
| SW | 3.6 | 7.0 | 4.2 | 1.5 | .1 | | | | | | | 16.3 | 6.0 |
| WSW | 2.1 | 3.7 | 2.7 | .6 | .0 | | | | | | | 9.2 | 6.0 |
| W | 2.1 | 2.1 | 1.1 | .2 | | | | | | | | 5.4 | 4.7 |
| WNW | .9 | .6 | .4 | | | | | | | | | 1.9 | 4.3 |
| NW | .6 | .6 | .4 | .1 | | | | | | | | 1.6 | 5.9 |
| NNW | .4 | .4 | .1 | .1 | | | | | | | | 1.0 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.0 | |
| | 19.4 | 32.7 | 20.3 | 4.3 | .3 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2538

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.6 | 2.2 | .6 | .1 | | | | | | | | 5.5 | 4.2 |
| NNE | 2.2 | 2.2 | 1.5 | .4 | | | | | | | | 6.3 | 5.4 |
| NE | 1.6 | 3.4 | 1.2 | .1 | | | | | | | | 6.3 | 4.9 |
| ENE | .3 | .4 | .3 | | | | | | | | | 1.0 | 5.1 |
| E | .1 | .4 | .4 | .1 | | | | | | | | 1.0 | 6.3 |
| ESE | .2 | .6 | .2 | .1 | | | | | | | | 1.1 | 6.1 |
| SE | .3 | .4 | .4 | .0 | .0 | | | | | | | 1.2 | 5.8 |
| SSE | .8 | .4 | .6 | .2 | | | | | | | | 2.0 | 6.1 |
| S | .6 | .6 | 1.0 | .1 | | | | | | | | 2.2 | 6.2 |
| SSW | 1.7 | 2.2 | 1.4 | .4 | | | | | | | | 5.7 | 5.5 |
| SW | 3.5 | 2.9 | 1.9 | .7 | | | | | | | | 9.0 | 5.3 |
| WSW | 3.2 | 3.5 | 2.1 | .4 | | | | | | | | 9.1 | 5.0 |
| W | 2.6 | 2.6 | .8 | .1 | | | | | | | | 6.1 | 4.3 |
| WNW | .4 | .6 | .3 | .1 | | | | | | | | 1.4 | 5.1 |
| NW | 1.0 | .7 | .3 | | .0 | | | | | | | 2.1 | 4.5 |
| NNW | .7 | .6 | .4 | .0 | .1 | | | | | | | 1.8 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 38.2 | |
| | 21.8 | 23.6 | 13.4 | 2.8 | .2 | | | | | | | 100.0 | 3.2 |

TOTAL NUMBER OF OBSERVATIONS 2493

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (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 | 4.4 | 2.8 | 1.0 | .2 | | | | | | | | 8.3 | 3.9 |
| NNE | 2.7 | 3.5 | 1.4 | .6 | | | | | | | | 8.2 | 5.2 |
| NE | 2.0 | 3.2 | 1.2 | .1 | | | | | | | | 6.4 | 4.8 |
| ENE | .4 | .4 | .2 | | | | | | | | | 1.0 | 4.6 |
| E | .2 | .1 | .4 | .0 | | | | | | | | .7 | 6.4 |
| ESE | .1 | .4 | .2 | | | | | | | | | .6 | 6.0 |
| SE | .2 | .2 | .1 | .1 | | | | | | | | .7 | 6.1 |
| SSE | .4 | .2 | .2 | .3 | .1 | | | | | | | 1.1 | 7.3 |
| S | .6 | .7 | .6 | .1 | | | | | | | | 2.0 | 5.6 |
| SSW | 1.4 | 1.1 | .7 | | | | | | | | | 3.2 | 4.6 |
| SW | 2.5 | 2.0 | 1.0 | .4 | .0 | | | | | | | 5.9 | 4.9 |
| WSW | 2.9 | 2.4 | 1.2 | .1 | | | | | | | | 6.6 | 4.6 |
| W | 3.3 | 2.9 | 1.1 | .1 | | | | | | | | 7.4 | 4.3 |
| WNW | .7 | 1.0 | .2 | | | | | | | | | 2.0 | 4.3 |
| NW | 1.0 | .6 | .6 | .0 | .1 | | | | | | | 2.4 | 5.6 |
| NNW | 1.3 | .9 | .5 | .1 | .0 | | | | | | | 2.8 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 40.7 | |
| | 23.9 | 22.5 | 10.6 | 2.0 | .3 | | | | | | | 100.0 | 2.8 |

TOTAL NUMBER OF OBSERVATIONS 2502

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-46,49-71 (YEARS) | AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.9 | 3.0 | 1.6 | .2 | | | | | | | | 9.6 | 4.3 |
| NNE | 2.0 | 4.8 | 2.9 | .8 | | | | | | | | 10.5 | 5.9 |
| NE | 2.0 | 3.7 | 2.1 | .2 | .0 | | | | | | | 8.0 | 5.4 |
| ENE | .8 | 1.2 | .6 | .0 | | | | | | | | 2.7 | 5.0 |
| E | .6 | .4 | .6 | | | | | | | | | 1.6 | 4.8 |
| ESE | .1 | .2 | .6 | .1 | | | | | | | | 1.0 | 7.4 |
| SE | .2 | .3 | .2 | .0 | | | | | | | | .8 | 5.4 |
| SSE | .1 | .3 | .2 | .1 | .0 | | | | | | | .8 | 7.3 |
| S | .6 | .9 | .6 | .2 | .0 | .0 | | | | | | 2.4 | 6.5 |
| SSW | .8 | .8 | .8 | .2 | .0 | | | | | | | 2.7 | 6.2 |
| SW | 1.7 | 1.7 | 1.9 | .2 | | | | | | | | 5.6 | 5.8 |
| WSW | 1.7 | 3.2 | 2.3 | .2 | | | | | | | | 7.4 | 5.6 |
| W | 2.8 | 4.0 | 2.3 | .2 | | | | | | | | 9.4 | 5.1 |
| WNW | 1.2 | 2.0 | 1.3 | .2 | | | | | | | | 4.7 | 5.6 |
| NW | 1.4 | 1.7 | .7 | .1 | .1 | | | | | | | 3.9 | 5.2 |
| NNW | 1.1 | 1.1 | .6 | | | | | | | | | 2.8 | 4.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 26.0 | |
| | 22.0 | 29.6 | 19.3 | 2.8 | .3 | .0 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2489

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-46,49-71 | 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 | 1.0 | 2.8 | 1.4 | .5 | | | | | | | | 5.8 | 6.0 |
| NNE | .8 | 2.4 | 2.9 | .9 | .2 | | | | | | | 7.2 | 7.4 |
| NE | .9 | 2.6 | 2.9 | .7 | .1 | .0 | | | | | | 7.2 | 7.2 |
| ENE | .4 | 1.6 | 2.1 | .4 | | | | | | | | 4.5 | 7.1 |
| E | .8 | 2.5 | 2.9 | .7 | .1 | | | | | | | 6.9 | 7.2 |
| ESE | .8 | 2.3 | 2.2 | .6 | | | | | | | | 5.8 | 6.3 |
| SE | .5 | 1.8 | 2.2 | .2 | .0 | | | | | | | 4.8 | 6.7 |
| SSE | .7 | 2.0 | 2.3 | .4 | .1 | | | | | | | 5.5 | 6.9 |
| S | .7 | 2.4 | 4.3 | 1.1 | | .1 | | | | | | 8.6 | 7.8 |
| SSW | .6 | 1.0 | 2.5 | 1.3 | .2 | | | | | | | 5.6 | 8.6 |
| SW | .3 | 1.4 | 2.1 | .5 | | | | | | | | 4.3 | 7.4 |
| WSW | 1.2 | 2.1 | 2.7 | .4 | .0 | | | | | | | 6.5 | 6.5 |
| W | 1.8 | 4.6 | 2.9 | .6 | | | | | | | | 9.9 | 5.9 |
| WNW | .9 | 2.7 | 1.9 | .2 | .0 | | | | | | | 5.7 | 5.8 |
| NW | .7 | 1.6 | 1.0 | .2 | | | | | | | | 3.5 | 5.8 |
| NNW | 1.0 | 1.8 | .8 | | | | | | | | | 3.6 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 4.5 | |
| | 13.2 | 35.6 | 37.1 | 8.7 | .8 | .1 | | | | | | 100.0 | 6.5 |

TOTAL NUMBER OF OBSERVATIONS 2503

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - ? | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .6 | 1.2 | 1.4 | .2 | .1 | | | | | | | 3.4 | 6.9 |
| NNE | .3 | 1.1 | 1.6 | .9 | .1 | | | | | | | 4.1 | 8.3 |
| NE | .4 | .7 | 1.7 | .5 | .0 | | | | | | | 3.3 | 7.7 |
| ENE | .3 | .8 | 1.3 | .3 | .0 | | | | | | | 2.8 | 7.5 |
| E | .3 | 1.7 | 2.9 | .9 | | | | | | | | 5.9 | 8.0 |
| ESE | .4 | 2.3 | 4.8 | 1.6 | .0 | | | | | | | 9.2 | 8.1 |
| SE | .3 | 2.5 | 5.1 | .9 | .0 | | | | | | | 8.8 | 7.9 |
| SSE | .6 | 3.7 | 8.5 | 1.2 | .0 | | | | | | | 13.9 | 7.8 |
| S | .3 | 3.5 | 11.2 | 6.4 | .6 | .1 | | | | | | 22.1 | 9.6 |
| SSW | .2 | 1.0 | 3.3 | 5.0 | .6 | | | | | | | 10.1 | 11.2 |
| SW | .3 | 1.0 | .8 | .9 | .1 | | | | | | | 3.1 | 8.8 |
| WSW | .4 | 1.1 | 1.2 | .2 | .0 | | | | | | | 2.9 | 6.8 |
| W | .8 | 1.7 | 1.2 | .2 | | | | | | | | 3.9 | 5.9 |
| WNW | .3 | .7 | 1.0 | .1 | | | | | | | | 2.2 | 6.7 |
| NW | .2 | .6 | .5 | .3 | .1 | | | | | | | 1.7 | 7.9 |
| NNW | .2 | .7 | .5 | .1 | | | | | | | | 1.4 | 6.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.4 | |
| | 5.7 | 24.3 | 46.9 | 19.8 | 1.8 | .1 | | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2489

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .2 | 1.0 | .9 | .2 | .1 | | | | | | | 2.5 | 7.7 |
| NNE | .5 | 1.3 | 1.0 | .7 | .0 | | .0 | | | | | 3.5 | 7.5 |
| NE | .4 | 1.2 | 1.1 | .4 | .0 | | | | | | | 3.1 | 7.1 |
| ENE | .3 | 1.0 | .8 | .3 | .0 | | | | | | | 2.4 | 6.9 |
| E | .3 | 1.7 | 2.2 | .9 | .1 | | | | | | | 5.2 | 7.8 |
| ESE | .6 | 2.8 | 3.8 | .9 | | | | | | | | 8.2 | 7.3 |
| SE | .5 | 2.9 | 3.6 | .8 | | | | | | | | 7.8 | 7.3 |
| SSE | .3 | 3.4 | 5.8 | .7 | .1 | | | | | | | 10.2 | 7.5 |
| S | 1.0 | 5.2 | 12.5 | 5.8 | .2 | | .0 | | | | | 24.6 | 8.8 |
| SSW | .3 | 2.0 | 7.0 | 7.8 | .6 | .0 | .1 | | | | | 17.8 | 10.7 |
| SW | .3 | 1.2 | 2.0 | 2.0 | .0 | | | | | | | 5.6 | 9.3 |
| WSW | .2 | .9 | .8 | .5 | .1 | | | | | | | 2.5 | 8.2 |
| W | .5 | 1.1 | .5 | .0 | | | | | | | | 2.1 | 5.4 |
| WNW | .2 | .4 | .4 | .2 | .0 | | | | | | | 1.3 | 7.8 |
| NW | .1 | .2 | .3 | .0 | | | | | | | | .7 | 6.8 |
| NNW | .2 | .2 | .3 | .1 | .1 | | | | | | | .9 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.8 | |
| | 5.9 | 26.3 | 43.0 | 21.3 | 1.5 | .0 | .2 | | | | | 100.0 | 8.3 |

TOTAL NUMBER OF OBSERVATIONS 2503

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) NYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.7 | 1.2 | .6 | .1 | .2 | | | | | | | 3.8 | 5.6 |
| NNE | 1.3 | 1.4 | .7 | .6 | .1 | | | | | | | 4.1 | 6.3 |
| NE | 1.3 | 1.2 | .6 | .1 | .0 | | | | | | | 3.3 | 5.0 |
| ENE | .8 | .7 | .7 | .4 | .0 | | | | | | | 2.6 | 6.5 |
| E | 1.4 | 1.5 | 1.3 | .1 | | | | | | | | 4.3 | 5.4 |
| ESE | 1.4 | 2.5 | 1.9 | .1 | | | | | | | | 5.9 | 5.7 |
| SE | 1.4 | 2.8 | 1.2 | .2 | | | | | | | | 5.5 | 5.3 |
| SSE | 1.0 | 2.5 | 1.4 | .0 | | | | | | | | 5.1 | 5.3 |
| S | 2.7 | 6.0 | 5.3 | .8 | | | | | | | | 14.8 | 6.1 |
| SSW | 2.2 | 4.9 | 6.2 | 3.1 | .0 | | | | | | | 16.4 | 7.4 |
| SW | 2.0 | 3.4 | 4.4 | 1.2 | | | | | | | | 11.0 | 7.0 |
| WSW | 1.0 | 1.9 | 1.4 | .3 | .0 | | | | | | | 4.6 | 6.1 |
| W | 1.1 | .8 | .3 | .1 | .0 | | | | | | | 2.2 | 4.7 |
| WNW | .3 | .4 | .3 | .2 | | | | | | | | 1.1 | 6.3 |
| NW | .2 | .3 | .2 | .0 | | | | | | | | .7 | 5.3 |
| NNW | .3 | .4 | .3 | .0 | .0 | | | | | | | 1.1 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 13.5 | |
| | 20.0 | 31.9 | 26.8 | 7.3 | .6 | | | | | | | 100.0 | 5.4 |

TOTAL NUMBER OF OBSERVATIONS 2495

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.4 | 1.4 | .5 | .2 | .1 | | | | | | | 4.5 | 4.3 |
| NNE | 2.3 | 2.0 | 1.0 | .4 | .0 | .0 | | | | | | 5.7 | 5.3 |
| NE | 1.6 | 1.9 | 1.1 | .1 | | | | | | | | 4.7 | 4.9 |
| ENE | .2 | .9 | .6 | .2 | | | | | | | | 1.8 | 6.5 |
| E | .8 | 1.0 | .7 | .2 | | | | | | | | 2.6 | 5.5 |
| ESE | .6 | 1.0 | .7 | .2 | .0 | | | | | | | 2.6 | 6.2 |
| SE | .8 | 1.4 | .6 | .2 | | | | | | | | 3.0 | 5.3 |
| SSE | .8 | 1.0 | .6 | | | | | | | | | 2.4 | 4.8 |
| S | 2.0 | 2.9 | 1.6 | .4 | | | | | | | | 7.0 | 5.5 |
| SSW | 2.3 | 2.7 | 3.0 | .6 | .1 | | | | | | | 8.7 | 6.1 |
| SW | 3.7 | 4.9 | 3.5 | .4 | | | | | | | | 12.5 | 5.4 |
| WSW | 2.4 | 4.2 | 2.1 | .3 | .0 | | | | | | | 9.0 | 5.5 |
| W | 1.2 | 1.6 | .4 | .1 | | | | | | | | 3.2 | 4.5 |
| WNW | .4 | .4 | .1 | .1 | | | | | | | | 1.0 | 4.8 |
| NW | .5 | .5 | .3 | .0 | | | | | | | | 1.3 | 4.8 |
| NNW | .5 | .4 | .1 | .1 | | | | | | | | 1.1 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 28.8 | |
| | 22.5 | 28.1 | 16.9 | 3.4 | .3 | .0 | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2507

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.7 | 3.2 | 1.3 | .3 | .0 | | | | | | | 9.5 | 4.4 |
| NNE | 3.2 | 5.5 | 3.8 | .3 | | | | | | | | 12.8 | 5.5 |
| NE | 2.4 | 5.9 | 4.1 | .3 | .0 | | | | | | | 12.8 | 5.7 |
| ENE | .5 | 1.1 | .5 | .4 | | | | | | | | 2.6 | 6.3 |
| E | .8 | .5 | .5 | .0 | .1 | .0 | | | | | | 1.9 | 5.7 |
| ESE | .5 | .8 | .5 | .3 | | | | | | | | 2.1 | 6.5 |
| SE | .5 | .7 | .6 | .2 | | | | | | | | 2.1 | 5.8 |
| SSE | .5 | .6 | .3 | .3 | | .0 | | | | | | 1.8 | 6.7 |
| S | .8 | .8 | .7 | .2 | .0 | .0 | | | | | | 2.5 | 6.1 |
| SSW | .7 | .8 | .7 | .3 | | | | | | | | 2.6 | 6.1 |
| SW | 1.0 | 1.4 | .6 | .1 | | | | | | | | 3.1 | 5.1 |
| WSW | 1.0 | 1.2 | 1.4 | .2 | | | | | | | | 3.8 | 6.2 |
| W | 1.4 | 1.5 | .3 | .0 | | | | | | | | 3.3 | 4.2 |
| WNW | .4 | .8 | .3 | .3 | | | | | | | | 1.8 | 6.0 |
| NW | .7 | .7 | .0 | | | | | | | | | 1.4 | 3.8 |
| NNW | 1.4 | .7 | .5 | .2 | .1 | | | | | | | 2.9 | 5.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.9 | |
| | 20.5 | 26.4 | 16.2 | 3.6 | .3 | .1 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2421

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (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 | 6.8 | 5.0 | 1.9 | .4 | .0 | | | | | | | 14.1 | 4.3 |
| NNE | 2.8 | 7.3 | 3.5 | .6 | | | | | | | | 14.2 | 5.6 |
| NE | 2.3 | 5.5 | 4.7 | .4 | .0 | .0 | | | | | | 13.0 | 6.0 |
| ENE | .3 | .7 | .4 | .2 | .0 | | | | | | | 1.6 | 6.9 |
| E | .3 | .3 | .3 | .1 | .0 | | | | | | | 1.0 | 6.3 |
| ESE | .2 | .2 | .4 | .1 | | | | | | | | .9 | 7.0 |
| SE | .5 | .4 | .4 | .1 | | | | | | | | 1.4 | 5.5 |
| SSE | .3 | .2 | .4 | .1 | .0 | .0 | | | | | | 1.1 | 7.2 |
| S | .5 | .6 | .8 | .2 | .1 | .0 | | | | | | 2.1 | 7.1 |
| SSW | .4 | .7 | .4 | .3 | .0 | | | | | | | 1.8 | 6.5 |
| SW | 1.1 | .7 | .3 | .1 | | | | | | | | 2.2 | 4.7 |
| WSW | 1.2 | 1.0 | 1.0 | .2 | | | | | | | | 3.4 | 5.4 |
| W | 1.1 | 1.1 | .8 | .1 | | | | | | | | 3.1 | 4.9 |
| WNW | .6 | .8 | .3 | .1 | | | | | | | | 1.8 | 5.1 |
| NW | 1.1 | .7 | .3 | | .1 | | | | | | | 2.2 | 4.8 |
| NNW | 2.3 | 1.1 | .4 | .2 | | | | | | | | 4.1 | 4.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.9 | |
| | 21.9 | 26.2 | 16.2 | 3.3 | .5 | .1 | | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2427

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-46,49-72 (YEARS) | SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.2 | 5.4 | 2.6 | .6 | .0 | | | .0 | | | | 14.9 | 4.7 |
| NNE | 3.4 | 7.4 | 5.5 | .8 | | | .0 | | | | | 17.1 | 6.0 |
| NE | 2.3 | 7.2 | 5.4 | .7 | | | .0 | | | | | 15.6 | 6.2 |
| ENE | .8 | 1.8 | .8 | .2 | .0 | | | | | | | 3.7 | 5.7 |
| E | .3 | .9 | .5 | .0 | | .1 | | | | | | 1.8 | 6.5 |
| ESE | .2 | .4 | .4 | .1 | .0 | .0 | | | | | | 1.2 | 7.4 |
| SE | .3 | .4 | .6 | .2 | | | | | | | | 1.5 | 7.2 |
| SSE | .2 | .6 | .3 | .1 | .1 | | | | | | | 1.3 | 6.7 |
| S | .4 | .6 | .6 | .2 | | | | | | | | 1.6 | 6.4 |
| SSW | .4 | .2 | .2 | .2 | .0 | | | | | | | 1.0 | 6.6 |
| SW | .6 | .5 | 1.0 | .1 | | | | | | | | 2.2 | 6.1 |
| WSW | 1.0 | .6 | 1.1 | .5 | | | | | | | | 3.2 | 6.6 |
| W | 1.0 | 1.5 | 1.3 | .1 | | | | | | | | 4.7 | 5.1 |
| WNW | .8 | 1.2 | .7 | .2 | | | | | | | | 2.8 | 5.5 |
| NW | .9 | 1.4 | .5 | .0 | .0 | | | | | | | 2.8 | 4.8 |
| NNW | 2.2 | 1.7 | .8 | | .0 | | | | | | | 4.7 | 4.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.8 | |
| | 21.7 | 31.7 | 22.2 | 4.0 | .3 | .1 | .1 | .0 | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 2504

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.0 | 3.0 | 3.0 | .8 | | | .0 | .0 | | | | 8.9 | 6.5 |
| NNE | 1.2 | 4.4 | 6.0 | 2.0 | .2 | | | | | | | 13.7 | 7.7 |
| NE | 1.3 | 5.1 | 6.2 | 1.4 | .0 | | | | | | | 14.0 | 7.1 |
| ENE | .8 | 3.2 | 3.4 | 1.6 | .1 | | | | | | | 9.0 | 7.5 |
| E | 1.0 | 3.0 | 4.4 | 1.2 | .0 | .2 | | | | | | 9.7 | 7.5 |
| ESE | .8 | 1.6 | 2.2 | .4 | | | | | | | | 5.0 | 6.7 |
| SE | .4 | 1.1 | 1.5 | .2 | | | | | | | | 3.2 | 6.6 |
| SSE | .3 | 1.1 | 1.7 | .2 | .0 | | | | | | | 3.4 | 7.3 |
| S | .7 | 1.5 | 2.4 | .6 | .1 | | | | | | | 5.3 | 7.5 |
| SSW | .3 | .3 | .8 | .5 | | | | | | | | 1.9 | 7.9 |
| SW | .6 | .7 | .8 | .2 | | | | | | | | 2.2 | 6.2 |
| WSW | .6 | 1.2 | 1.5 | .5 | | | | | | | | 3.8 | 7.1 |
| W | 1.2 | 1.8 | 1.7 | .3 | | | | | | | | 5.0 | 5.8 |
| WNW | .7 | 2.0 | 1.4 | .2 | .0 | | | | | | | 4.4 | 6.0 |
| NW | .6 | 1.4 | .6 | .1 | | | | | | | | 2.7 | 5.3 |
| NNW | 1.2 | 1.6 | 1.0 | .2 | .0 | | | .0 | | | | 3.9 | 5.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 13.8 | 32.8 | 38.5 | 10.1 | .5 | .2 | .0 | .1 | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2503

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 43-46,49-72 | SEP |
|---|---|---|---|
| STATION | STATION NAME | YEARS | MONTH |

ALL WEATHER
CLASS

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

CONDITION

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.3 | 2.2 | 1.2 | .1 | | | | | | | 6.8 | 7.3 |
| NNE | .6 | 2.0 | 3.3 | 1.5 | .0 | | | | | | | 7.5 | 8.1 |
| NE | .5 | 2.6 | 3.4 | .9 | | | | | | | | 7.5 | 7.5 |
| ENE | .6 | 1.8 | 2.5 | 1.4 | .0 | | | | | | | 6.4 | 8.0 |
| E | .6 | 3.2 | 6.1 | 2.3 | .0 | | | | | | | 12.2 | 8.2 |
| ESE | .8 | 3.2 | 5.3 | 1.3 | | .1 | | | | | | 10.6 | 7.6 |
| SE | 1.0 | 3.7 | 3.7 | .4 | .0 | | | | | | | 8.8 | 6.7 |
| SSE | .6 | 3.2 | 4.6 | 1.1 | .0 | .1 | | | | | | 9.8 | 7.9 |
| S | .6 | 2.3 | 7.5 | 2.6 | .2 | | | | | | | 13.2 | 8.6 |
| SSW | .2 | .5 | 1.1 | 1.8 | .0 | | | | | | | 3.6 | 10.3 |
| SW | .2 | .5 | .6 | .6 | | | | | | | | 2.0 | 8.5 |
| WSW | .1 | .6 | .8 | .3 | | | | | | | | 1.8 | 7.7 |
| W | .2 | .6 | 1.2 | .4 | | | | | | | | 2.5 | 7.6 |
| WNW | .2 | .7 | 1.3 | .3 | | | | | | | | 2.4 | 7.9 |
| NW | .2 | .6 | .9 | .1 | .1 | .0 | | | | | | 1.9 | 8.0 |
| NNW | .4 | .8 | .5 | .3 | | | .0 | | | | | 2.0 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | .9 | |
| | 7.8 | 28.6 | 45.2 | 16.6 | .6 | .2 | .0 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 2499

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.2 | 1.5 | .7 | | | | | | | | 5.0 | 6.7 |
| NNE | 1.2 | 3.1 | 2.9 | .7 | | | | | | | | 7.8 | 6.7 |
| NE | .8 | 1.7 | 2.1 | .7 | | | | | | | | 5.3 | 6.9 |
| ENE | .3 | 1.6 | 2.0 | .8 | | | | | | | | 4.7 | 7.9 |
| E | .7 | 3.8 | 4.5 | 1.6 | .2 | | | | | | | 10.8 | 7.7 |
| ESE | 1.0 | 3.9 | 4.9 | 1.0 | .0 | | | | | | | 10.8 | 7.0 |
| SE | 1.1 | 3.7 | 3.3 | .5 | | .0 | | | | | | 8.6 | 6.5 |
| SSE | .9 | 4.1 | 3.9 | .6 | | .1 | | | | | | 9.6 | 6.6 |
| S | 1.1 | 4.5 | 7.7 | 2.1 | .0 | .1 | | | | | | 15.6 | 7.8 |
| SSW | .4 | 1.3 | 3.7 | 1.7 | .2 | | | | | | | 7.3 | 8.9 |
| SW | .3 | .6 | 1.2 | 1.0 | | | | | | | | 3.1 | 8.7 |
| WSW | .2 | .8 | .7 | .2 | | | | | | | | 2.0 | 6.5 |
| W | .2 | 1.0 | .7 | .2 | | | | | | | | 2.1 | 6.8 |
| WNW | .2 | .5 | .6 | .2 | | | | | | | | 1.6 | 7.5 |
| NW | .2 | .5 | .7 | .2 | .1 | | | | | | | 1.6 | 8.0 |
| NNW | .3 | .8 | .6 | .2 | .0 | | | | | | | 2.0 | 7.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 2.1 | |
| | 9.5 | 34.0 | 41.1 | 12.5 | .6 | .2 | | | | | | 100.0 | 7.2 |

TOTAL NUMBER OF OBSERVATIONS 2510

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 1.6 | 1.2 | .2 | | | .0 | | | | | 5.3 | 5.1 |
| NNE | 2.6 | 3.1 | 2.5 | .3 | .0 | .0 | | | | | | 8.6 | 5.7 |
| NE | 1.8 | 3.2 | 1.6 | .4 | | .0 | | | | | | 7.0 | 5.5 |
| ENE | .6 | 1.9 | 1.5 | .4 | | | | | | | | 4.5 | 6.6 |
| E | 2.8 | 3.5 | 2.1 | .7 | | | | | | | | 9.0 | 5.5 |
| ESE | 2.1 | 2.6 | 2.0 | .2 | | | | | | | | 6.9 | 5.5 |
| SE | 2.5 | 2.4 | 1.1 | .0 | | .0 | | | | | | 6.1 | 4.5 |
| SSE | 1.6 | 1.9 | .7 | .1 | | .1 | | | | | | 4.3 | 5.0 |
| S | 2.4 | 3.5 | 3.2 | .4 | .0 | | | | | | | 9.5 | 5.9 |
| SSW | 1.2 | 3.1 | 2.3 | .4 | | .0 | | | | | | 7.0 | 6.3 |
| SW | 1.5 | 1.6 | 1.3 | .7 | .0 | | | | | | | 5.2 | 6.2 |
| WSW | 1.2 | .6 | .5 | .1 | | | | | | | | 2.3 | 4.7 |
| W | .8 | .6 | .2 | | | | | | | | | 1.5 | 4.1 |
| WNW | .5 | .4 | .1 | .3 | .1 | | | | | | | 1.3 | 6.8 |
| NW | .2 | .3 | .1 | | | | | | | | | .6 | 4.8 |
| NNW | .4 | .4 | .2 | .2 | | | | | | | | 1.3 | 5.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 19.7 | |
| | 24.3 | 30.6 | 20.7 | 4.3 | .2 | .2 | .0 | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 2498

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.8 | 2.7 | 1.3 | .4 | .0 | | | | | | | 7.3 | 5.0 |
| NNE | 3.3 | 5.2 | 3.0 | .2 | | | | | | | | 11.7 | 5.1 |
| NE | 2.4 | 4.6 | 3.5 | .4 | .0 | | | | | | | 10.9 | 5.7 |
| ENE | .6 | 1.3 | 1.0 | .3 | | | | | | | | 3.2 | 6.3 |
| E | 1.4 | 1.3 | 1.3 | .1 | | | | | | | | 4.1 | 5.4 |
| ESE | .9 | 1.7 | .9 | .2 | .0 | | | | | | | 3.7 | 5.8 |
| SE | 1.1 | 1.2 | .8 | .1 | | | | | | | | 3.2 | 5.2 |
| SSE | .8 | 1.3 | .6 | .1 | | .1 | | | | | | 2.9 | 6.1 |
| S | 1.7 | 1.4 | 1.5 | .2 | .1 | | | | | | | 4.8 | 5.7 |
| SSW | 1.3 | 1.5 | 1.3 | .2 | | | | | | | | 4.2 | 5.6 |
| SW | 1.6 | 2.3 | 1.2 | .2 | | | | | | | | 5.3 | 5.3 |
| WSW | .8 | 1.3 | .8 | .2 | | | | | | | | 3.1 | 5.6 |
| W | 1.1 | .9 | .3 | .1 | | | | | | | | 2.4 | 4.2 |
| WNW | .4 | .4 | .1 | .2 | .0 | | | | | | | 1.0 | 6.5 |
| NW | .2 | .2 | .1 | .1 | | | .1 | | | | | .7 | 8.6 |
| NNW | .6 | .5 | .3 | .1 | | | | | | | | 1.4 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.8 | |
| | 20.9 | 27.6 | 18.1 | 3.1 | .2 | .1 | .1 | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2479

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 63-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.1 | 5.0 | 2.8 | .8 | .2 | | | | | | | 13.9 | 5.3 |
| NNE | 2.2 | 5.6 | 4.8 | 1.0 | | | | | | | | 13.5 | 6.3 |
| NE | 1.8 | 4.8 | 3.7 | .6 | | | | | | | | 10.8 | 6.1 |
| ENE | .4 | .6 | .8 | .2 | .0 | .0 | | | | | | 2.1 | 7.2 |
| E | .4 | .4 | .6 | .1 | | | | | | | | 1.5 | 5.6 |
| ESE | .3 | .4 | .1 | .2 | | | | | | | | .9 | 5.9 |
| SE | .3 | .2 | .2 | .1 | | .0 | | | | | | .9 | 6.8 |
| SSE | .0 | .3 | .8 | .2 | | .0 | | | | | | 1.3 | 8.3 |
| S | .2 | .9 | .9 | .3 | | | | | | | | 2.3 | 6.9 |
| SSW | .4 | .4 | .5 | .1 | | | | | | | | 1.4 | 6.0 |
| SW | .8 | 1.1 | .4 | .2 | | | | | | | | 2.4 | 5.4 |
| WSW | .8 | 1.4 | 1.0 | .0 | | | | | | | | 3.1 | 5.4 |
| W | 1.4 | 1.3 | 1.0 | .1 | | | | | | | | 3.8 | 5.0 |
| WNW | .8 | .8 | .4 | .1 | | | | | | | | 2.1 | 4.9 |
| NW | .5 | 1.2 | .2 | .0 | | | | | | | | 1.9 | 4.7 |
| NNW | 1.9 | 1.5 | .6 | .5 | | | | | | | | 4.6 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.4 | |
| | 17.2 | 25.9 | 18.7 | 4.4 | .2 | .1 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 2518

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.7 | 7.3 | 3.5 | 1.0 | .2 | .0 | | | | | | 17.7 | 5.3 |
| NNE | 2.6 | 4.6 | 5.7 | 1.3 | .0 | | | | | | | 14.3 | 6.7 |
| NE | 1.4 | 4.6 | 3.6 | .7 | | | | | | | | 10.3 | 6.3 |
| ENE | .5 | .5 | .5 | .4 | | | | | | | | 1.9 | 7.0 |
| E | .6 | .4 | .2 | .0 | | | | | | | | 1.3 | 4.5 |
| ESE | .2 | .3 | .1 | .2 | | | | | | | | .8 | 6.6 |
| SE | .1 | .1 | .1 | .0 | | | | | | | | .3 | 5.7 |
| SSE | .1 | .2 | .4 | .1 | .1 | | | | | | | 1.0 | 9.0 |
| S | .2 | .6 | .5 | .1 | | .0 | | | | | | 1.3 | 7.0 |
| SSW | .3 | .4 | .3 | .3 | .0 | | | | | | | 1.3 | 6.9 |
| SW | .4 | .6 | .2 | .1 | | | | | | | | 1.4 | 4.9 |
| WSW | .5 | 1.3 | .7 | | | | | | | | | 2.6 | 5.3 |
| W | 1.1 | 1.8 | .9 | .0 | | | | | | | | 3.8 | 5.0 |
| WNW | 1.1 | 1.0 | .5 | .0 | | | | | | | | 2.7 | 4.7 |
| NW | 1.3 | .8 | .4 | .1 | | | | | | | | 2.7 | 4.4 |
| NNW | 3.0 | 2.9 | 1.1 | .4 | | | | | | | | 7.4 | 4.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.1 | |
| | 19.2 | 27.6 | 18.8 | 4.8 | .4 | .1 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 2526

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.7 | 8.6 | 4.2 | 1.2 | .1 | | | | | | | 19.8 | 5.4 |
| NNE | 2.4 | 5.8 | 7.6 | 1.9 | .0 | | | | | | | 17.7 | 7.0 |
| NE | 1.6 | 4.9 | 3.8 | .7 | .0 | | | | | | | 11.1 | 6.3 |
| ENE | .7 | 1.1 | 1.0 | .1 | .1 | .0 | | | | | | 2.9 | 6.3 |
| E | .4 | .6 | .5 | .1 | | | | | | | | 1.6 | 5.8 |
| ESE | .1 | .3 | .2 | .2 | | | | | | | | .7 | 7.0 |
| SE | | .3 | .2 | .0 | | | | | | | | .6 | 6.5 |
| SSE | .1 | .2 | .3 | .0 | | | | | | | | .7 | 6.9 |
| S | .2 | .3 | .4 | .0 | .0 | | .0 | | | | | 1.1 | 7.3 |
| SSW | .2 | .3 | .6 | .1 | | | .0 | | | | | 1.2 | 8.4 |
| SW | .3 | .7 | .7 | .1 | | | | | | | | 1.7 | 5.8 |
| WSW | .3 | .6 | .8 | .1 | | | | | | | | 1.8 | 6.2 |
| W | 1.1 | 1.6 | 1.4 | .0 | | | | | | | | 4.2 | 5.5 |
| WNW | 1.2 | 1.3 | .8 | .1 | | | | | | | | 3.4 | 4.9 |
| NW | 1.5 | 1.4 | .6 | .0 | | | | | | | | 3.4 | 4.5 |
| NNW | 3.2 | 2.5 | 1.2 | .5 | | | | | | | | 7.4 | 4.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 20.7 | |
| | 19.1 | 30.4 | 24.3 | 5.1 | .3 | .0 | .1 | | | | | 100.0 | 4.7 |

TOTAL NUMBER OF OBSERVATIONS 2502

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.3 | 4.0 | 6.3 | 2.6 | .3 | | | | | | | 15.4 | 7.6 |
| NNE | 1.2 | 4.4 | 7.9 | 3.6 | .0 | | | | | | | 17.3 | 8.2 |
| NE | 1.5 | 4.8 | 6.7 | 1.5 | | | | | | | | 14.5 | 7.3 |
| ENE | .5 | 2.3 | 4.0 | .5 | .0 | | | | | | | 7.3 | 7.4 |
| E | .8 | 2.2 | 3.2 | .7 | | | | | | | | 6.9 | 7.2 |
| ESE | .4 | .9 | 1.8 | .3 | | | | | | | | 3.4 | 7.5 |
| SE | .3 | .7 | .7 | .1 | | | | | | | | 1.9 | 6.7 |
| SSE | .3 | .5 | .9 | .2 | | | | | | | | 1.9 | 6.8 |
| S | .5 | .8 | 1.2 | .5 | | | | | | | | 3.1 | 7.3 |
| SSW | .2 | .4 | .5 | .3 | .0 | .1 | .0 | | | | | 1.6 | 9.6 |
| SW | .5 | .4 | .8 | .3 | .0 | | | | | | | 2.0 | 7.3 |
| WSW | .4 | .8 | .8 | .7 | | | | | | | | 2.7 | 7.6 |
| W | .9 | 1.5 | 2.2 | .5 | .0 | | | | | | | 5.1 | 6.8 |
| WNW | .9 | 1.2 | 1.5 | .4 | | | | | | | | 4.0 | 6.4 |
| NW | .8 | .9 | 1.1 | .2 | | | | | | | | 2.9 | 6.3 |
| NNW | .9 | 2.0 | 1.8 | 1.2 | | | | | | | | 5.9 | 7.3 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 4.0 | |
| | 12.4 | 27.8 | 41.3 | 13.8 | .5 | .1 | .0 | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2586

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .4 | 2.5 | 4.9 | 2.1 | .3 | .0 | | | | | | 10.3 | 8.8 |
| NNE | .5 | 2.8 | 4.4 | 2.0 | .0 | | | | | | | 9.8 | 8.2 |
| NE | .5 | 1.7 | 3.5 | 1.0 | .0 | | | | | | | 6.7 | 7.8 |
| ENE | .2 | 1.3 | 2.8 | 1.2 | | | | | | | | 5.5 | 8.4 |
| E | .7 | 3.2 | 6.8 | 1.9 | | | | | | | | 12.6 | 7.9 |
| ESE | .5 | 2.8 | 5.0 | .8 | | | | | | | | 9.1 | 7.5 |
| SE | .5 | 2.6 | 3.3 | .5 | | | | | | | | 7.0 | 6.9 |
| SSE | .4 | 1.9 | 2.5 | .7 | | | | | | | | 5.6 | 7.2 |
| S | .3 | 2.4 | 4.5 | 1.5 | .1 | | | | | | | 8.7 | 8.2 |
| SSW | .3 | .5 | 1.1 | 1.3 | .1 | | .0 | | | | | 3.3 | 10.2 |
| SW | .1 | .3 | [illegible] | .6 | | | | | | | | 1.4 | 9.1 |
| WSW | .1 | .6 | 1.[illegible] | .9 | | | | | | | | 2.6 | 9.0 |
| W | .4 | .9 | 1.9 | .9 | .1 | | | | | | | 4.2 | 8.4 |
| WNW | .2 | 1.1 | 1.4 | .4 | | | | | | | | 3.2 | 7.6 |
| NW | .5 | .7 | 1.4 | .6 | | | | | | | | 3.2 | 7.5 |
| NNW | .6 | 1.6 | 2.1 | 1.5 | .0 | | | | | | | 5.8 | 8.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.1 | |
| | 6.3 | 26.9 | 46.9 | 18.0 | .7 | .0 | .0 | | | | | 100.0 | 8.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .7 | 2.8 | 3.6 | 2.0 | .1 | | | | | | | 9.2 | 8.1 |
| NNE | 1.2 | 2.9 | 3.6 | 1.1 | | | | | | | | 8.9 | 7.1 |
| NE | .9 | 1.9 | 1.9 | .6 | | | | | | | | 5.2 | 6.6 |
| ENE | .5 | 1.3 | 2.2 | .6 | .0 | .0 | | | | | | 4.7 | 7.8 |
| E | 1.4 | 3.4 | 4.8 | 1.1 | .0 | | | | | | | 10.8 | 7.1 |
| ESE | 1.2 | 3.3 | 4.3 | .5 | | | | | | | | 9.2 | 6.5 |
| SE | 1.2 | 3.3 | 2.2 | .1 | | | | | | | | 7.0 | 5.7 |
| SSE | 1.2 | 2.7 | 1.9 | .3 | | | | | | | | 6.0 | 5.8 |
| S | 1.4 | 3.9 | 4.6 | 1.5 | | | | | | | | 11.6 | 7.0 |
| SSW | .5 | 1.5 | 2.1 | 1.3 | .1 | | | | | | | 5.5 | 8.2 |
| SW | .2 | .7 | 1.2 | .5 | | | | | | | | 2.6 | 7.9 |
| WSW | .2 | .4 | .7 | .5 | | | | | | | | 1.9 | 8.5 |
| W | .5 | .5 | 1.4 | .6 | | | | | | | | 3.1 | 7.7 |
| WNW | .4 | 1.0 | 1.4 | .3 | | | | | | | | 3.1 | 7.2 |
| NW | .2 | 1.5 | 1.3 | .4 | | | | | | | | 3.4 | 7.1 |
| NNW | .7 | 1.5 | 1.4 | .5 | .0 | | | | | | | 4.1 | 6.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 3.9 | |
| | 12.3 | 32.9 | 38.6 | 12.0 | .3 | .0 | | | | | | 100.0 | 6.8 |

TOTAL NUMBER OF OBSERVATIONS 2583

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.0 | 3.3 | 1.3 | 1.1 | .2 | | | | | | | 8.8 | 5.8 |
| NNE | 2.4 | 3.6 | 2.6 | .7 | .0 | | | | | | | 9.3 | 5.9 |
| NE | 1.7 | 2.5 | 1.8 | .4 | .1 | | | | | | | 6.6 | 5.9 |
| ENE | 1.4 | 1.8 | 1.2 | .4 | .0 | .0 | .0 | | | | | 5.0 | 6.1 |
| E | 2.3 | 2.3 | 2.1 | .5 | | | | | | | | 7.1 | 5.5 |
| ESE | .7 | 1.0 | .9 | .1 | | | | | | | | 2.6 | 5.7 |
| SE | .8 | .6 | .4 | | | | | | | | | 1.8 | 4.3 |
| SSE | .5 | .7 | .5 | .1 | | | | | | | | 1.9 | 5.5 |
| S | 1.7 | 1.2 | 1.1 | .4 | | | | | | | | 4.4 | 5.6 |
| SSW | 1.7 | 1.4 | 1.1 | .2 | | | .0 | | | | | 4.5 | 5.3 |
| SW | 1.4 | 1.6 | 1.2 | .3 | | | | | | | | 4.5 | 5.6 |
| WSW | 1.1 | .9 | .7 | .1 | | | | | | | | 2.9 | 5.1 |
| W | .8 | .6 | .2 | .0 | | | | | | | | 1.7 | 4.0 |
| WNW | .3 | .5 | .3 | .1 | | | | | | | | 1.1 | 5.8 |
| NW | .8 | .4 | .2 | .1 | | | | | | | | 1.5 | 4.3 |
| NNW | 1.0 | 1.0 | .6 | .2 | | | | | | | | 2.9 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 33.3 | |
| | 21.7 | 23.6 | 16.3 | 4.7 | .3 | .0 | .1 | | | | | 100.0 | 3.7 |

TOTAL NUMBER OF OBSERVATIONS 2577

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (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 | 4.0 | 3.3 | 1.8 | 1.2 | .0 | | | | | | | 10.3 | 5.5 |
| NNE | 2.6 | 4.6 | 4.1 | .7 | | | | | | | | 12.1 | 6.1 |
| NE | 2.1 | 3.3 | 3.1 | .5 | | | | | | | | 9.0 | 6.1 |
| ENE | .5 | 1.4 | .9 | .4 | | .0 | .0 | .0 | | | | 3.4 | 6.9 |
| E | .5 | .9 | 1.1 | .1 | | | | | | | | 2.6 | 6.2 |
| ESE | .4 | .5 | .5 | .0 | | | | | | | | 1.3 | 5.7 |
| SE | .3 | .4 | .0 | .0 | | | | | | | | .8 | 4.6 |
| SSE | .4 | .5 | .5 | .1 | | | | | | | | 1.5 | 5.7 |
| S | .5 | .7 | .5 | .2 | | | | | | | | 2.0 | 6.1 |
| SSW | .9 | 1.1 | .6 | .2 | .0 | | | | | | | 2.8 | 5.4 |
| SW | 1.4 | 1.2 | .8 | .2 | | | | | | | | 3.6 | 5.1 |
| WSW | 1.0 | 2.0 | 1.0 | .2 | | | | | | | | 4.1 | 5.3 |
| W | 1.3 | .9 | .4 | .1 | | | | | | | | 2.6 | 4.4 |
| WNW | .4 | .4 | .4 | | | | | | | | | 1.3 | 5.0 |
| NW | .7 | .4 | .5 | .0 | | | | | | | | 1.6 | 5.3 |
| NNW | 1.1 | 1.4 | .7 | .2 | | | | | | | | 3.4 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 37.5 | |
| | 18.0 | 23.1 | 17.0 | 4.2 | .1 | .0 | .0 | .0 | | | | 100.0 | 3.6 |

TOTAL NUMEER OF OBSERVATIONS 2560

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.5 | 5.2 | 2.0 | .8 | .1 | .1 | | | | | | 11.7 | 5.5 |
| NNE | 1.7 | 3.0 | 2.8 | .5 | | | | | | | | 8.1 | 6.1 |
| NE | 1.1 | 2.7 | 1.7 | .2 | .0 | | | | | | | 5.7 | 5.8 |
| ENE | .6 | 1.0 | .4 | .0 | | | | | | | | 2.1 | 5.1 |
| E | .2 | 1.0 | .6 | .1 | | | | | | | | 1.9 | 6.1 |
| ESE | .2 | .6 | .3 | .0 | | | | | | | | 1.1 | 5.6 |
| SE | .2 | .2 | .3 | | | | | | | | | .7 | 5.7 |
| SSE | .4 | .5 | .3 | | | | | | | | | 1.1 | 4.7 |
| S | .4 | .5 | .5 | .2 | | | | | | | | 1.6 | 6.0 |
| SSW | .4 | .7 | .9 | .6 | .0 | | | | | | | 2.5 | 7.7 |
| SW | 1.5 | 1.0 | 1.2 | .9 | .1 | | | | | | | 4.7 | 6.8 |
| WSW | 1.2 | 1.4 | 1.4 | .3 | | | | | | | | 4.3 | 6.1 |
| W | 1.7 | 2.9 | 2.3 | .2 | | | | | | | | 7.2 | 5.7 |
| WNW | .7 | 1.7 | 1.6 | .6 | .0 | | | | | | | 4.5 | 6.9 |
| NW | 1.4 | 1.6 | 1.2 | .4 | .0 | | | | | | | 4.7 | 5.8 |
| NNW | 2.4 | 2.2 | .9 | .6 | .0 | | | | | | | 6.2 | 5.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 32.0 | |
| | 17.6 | 26.2 | 18.4 | 5.4 | .4 | .1 | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2515

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 5.4 | 6.0 | 2.0 | .9 | .1 | | | | | | | 14.3 | 5.0 |
| NNE | 1.6 | 3.2 | 3.1 | .5 | | | | | | | | 8.4 | 6.1 |
| NE | 1.4 | 2.7 | 1.6 | .1 | | | | | | | | 5.8 | 5.4 |
| ENE | .4 | .7 | .3 | | | | | | | | | 1.4 | 4.8 |
| E | .4 | 1.0 | .1 | .2 | | | | | | | | 1.7 | 5.6 |
| ESE | .1 | .5 | .3 | .0 | | | | | | | | .9 | 6.1 |
| SE | .1 | .1 | .3 | .0 | | | | | | | | .5 | 7.3 |
| SSE | .2 | .4 | .3 | .0 | | | | | | | | .9 | 5.6 |
| S | .3 | .4 | .5 | .3 | | | | | | | | 1.6 | 7.2 |
| SSW | .5 | .6 | .8 | .2 | | | | | | | | 2.1 | 6.6 |
| SW | .6 | 1.1 | 1.2 | .4 | .1 | | | | | | | 3.3 | 7.0 |
| WSW | 1.0 | 1.1 | 1.0 | .4 | | | | | | | | 3.6 | 6.3 |
| W | 2.0 | 3.4 | 1.7 | .3 | | | | | | | | 7.5 | 5.4 |
| WNW | 1.2 | 2.3 | 1.3 | .5 | .0 | | | | | | | 5.2 | 6.0 |
| NW | 2.1 | 1.8 | 1.5 | .4 | | | | | | | | 5.8 | 5.6 |
| NNW | 2.7 | 3.1 | 1.4 | .6 | | | | | | | | 7.7 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 29.2 | |
| | 20.0 | 28.2 | 17.4 | 5.0 | .2 | | | | | | | 100.0 | 4.0 |

TOTAL NUMBER OF OBSERVATIONS 2515

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-46,49-72 (YEARS) | NOV (MONTH)

ALL WEATHER (CLASS)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 6.2 | 6.4 | 3.5 | .8 | .0 | | | | | | | 17.0 | 5.0 |
| NNE | 1.6 | 4.1 | 3.6 | .7 | | | | | | | | 10.0 | 6.2 |
| NE | 1.5 | 2.8 | 1.8 | .3 | | | | | | | | 6.4 | 5.7 |
| ENE | .5 | 1.1 | .6 | .2 | | | | | | | | 2.4 | 5.9 |
| E | .2 | .4 | .2 | .1 | | | | | | | | .9 | 6.2 |
| ESE | .2 | .3 | .3 | | | | | | | | | .7 | 5.5 |
| SE | | .3 | .4 | .0 | | | | | | | | .7 | 7.4 |
| SSE | .2 | .2 | .2 | .1 | | | | | | | | .6 | 6.8 |
| S | .5 | .5 | .8 | .2 | | | | | | | | 1.9 | 6.6 |
| SSW | .3 | .7 | .6 | .2 | | | | | | | | 1.8 | 6.7 |
| SW | .3 | 1.0 | .9 | .4 | | | | | | | | 2.5 | 6.8 |
| WSW | .9 | 1.5 | 1.3 | .7 | .1 | | | | | | | 4.4 | 6.9 |
| W | 1.9 | 3.4 | 2.6 | .4 | | | | | | | | 8.3 | 5.9 |
| WNW | .8 | 2.1 | 1.6 | .4 | | | | | | | | 4.9 | 6.3 |
| NW | 1.5 | 1.9 | 1.3 | .1 | .0 | | | | | | | 4.9 | 5.3 |
| NNW | 3.2 | 3.2 | 2.1 | .5 | .0 | | | | | | | 9.0 | 5.2 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 23.3 | |
| | 19.8 | 29.9 | 21.6 | 5.1 | .2 | | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2566

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 4.1 | 5.5 | 2.3 | .1 | | | | | | | 14.5 | 7.2 |
| NNE | 1.1 | 3.5 | 5.2 | 2.2 | .1 | | | | | | | 12.1 | 7.9 |
| NE | 1.1 | 3.0 | 4.0 | .8 | | | | | | | | 8.8 | 7.0 |
| ENE | .6 | 2.3 | 2.2 | .3 | .0 | | | | | | | 5.4 | 6.8 |
| E | .5 | 1.9 | 2.3 | .3 | | | | | | | | 5.1 | 6.8 |
| ESE | .3 | 1.0 | .7 | .1 | | | | | | | | 2.2 | 6.0 |
| SE | .5 | .5 | .5 | .1 | | | | | | | | 1.5 | 5.6 |
| SSE | .5 | .7 | .9 | .2 | | | | | | | | 2.2 | 6.6 |
| S | .3 | 1.0 | 1.3 | .8 | | | | | | | | 3.3 | 9.1 |
| SSW | .3 | .3 | 1.1 | .3 | | | | | | | | 2.0 | 7.5 |
| SW | .2 | .5 | 1.7 | .8 | .1 | | | | | | | 3.3 | 9.4 |
| WSW | .3 | 1.4 | 1.4 | 1.0 | | | | | | | | 4.1 | 8.1 |
| W | 1.2 | 2.6 | 3.3 | 2.2 | .1 | | | | | | | 9.3 | 8.0 |
| WNW | .6 | 1.8 | 2.2 | 1.2 | .0 | | | | | | | 5.8 | 7.9 |
| NW | 1.0 | 2.2 | 2.4 | 1.2 | | | | | | | | 6.7 | 7.4 |
| NNW | 1.1 | 2.5 | 2.8 | 1.6 | .2 | | | | | | | 8.2 | 7.7 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 5.2 | |
| | 12.1 | 29.2 | 37.5 | 15.3 | .7 | | | | | | | 100.0 | 7.1 |

TOTAL NUMBER OF OBSERVATIONS 2599

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.0 | 2.7 | 4.5 | 2.3 | .1 | | | | | | | 10.5 | 8.1 |
| NNE | .7 | 2.0 | 3.4 | 1.2 | .0 | | | | | | | 7.2 | 7.8 |
| NE | .5 | 1.3 | 1.8 | .3 | | | | | | | | 4.0 | 6.9 |
| ENE | .3 | 1.3 | 1.9 | .6 | | | | | | | | 4.1 | 7.7 |
| E | .4 | 2.0 | 3.9 | .8 | | | | | | | | 7.1 | 7.8 |
| ESE | .5 | 2.7 | 3.2 | .2 | | | | | | | | 6.5 | 6.7 |
| SE | .7 | 2.6 | 1.8 | .2 | | | | | | | | 5.3 | 6.1 |
| SSE | .6 | 2.9 | 2.2 | .5 | | | | | | | | 6.2 | 6.7 |
| S | .4 | 2.3 | 4.2 | 2.1 | .0 | | | | | | | 9.0 | 8.5 |
| SSW | .1 | .6 | 1.5 | 1.8 | .1 | | | | | | | 4.1 | 10.1 |
| SW | .0 | .5 | 1.2 | 1.0 | .2 | | | | | | | 2.9 | 10.3 |
| WSW | .2 | 1.1 | 1.2 | .8 | .1 | .0 | | | | | | 3.4 | 8.5 |
| W | .3 | 1.8 | 3.1 | 2.6 | .2 | | | | | | | 8.0 | 9.2 |
| WNW | .4 | .6 | 2.6 | 2.2 | .2 | | | | | | | 6.2 | 9.6 |
| NW | .2 | 1.7 | 2.6 | 1.4 | .4 | | | | | | | 6.4 | 9.1 |
| NNW | .6 | 1.7 | 3.4 | 1.9 | .1 | | | | | | | 7.6 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 1.5 | |
| | 6.8 | 28.0 | 42.4 | 19.8 | 1.3 | .0 | | | | | | 100.0 | 8.1 |

TOTAL NUMBER OF OBSERVATIONS 2596

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-46,49-72 (YEARS) | NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.4 | 2.6 | 3.3 | .9 | .0 | | | | | | | 8.2 | 6.9 |
| NNE | .9 | 2.4 | 2.5 | .3 | | | | | | | | 6.1 | 6.4 |
| NE | .3 | 1.1 | 1.1 | .2 | | | | | | | | 2.7 | 6.5 |
| ENE | .7 | 1.6 | 1.4 | .6 | | | | | | | | 4.2 | 6.9 |
| E | 1.2 | 2.2 | 2.6 | .4 | | | | | | | | 6.3 | 6.3 |
| ESE | 1.3 | 2.7 | 1.6 | .1 | | | | | | | | 5.7 | 5.4 |
| SE | 1.6 | 2.4 | .8 | .1 | | | | | | | | 4.9 | 4.8 |
| SSE | 1.2 | 3.4 | 1.5 | .1 | | | | | | | | 6.2 | 5.5 |
| S | 1.8 | 4.5 | 4.3 | .8 | | | | | | | | 11.6 | 6.5 |
| SSW | .6 | 1.6 | 3.4 | 1.7 | .1 | .0 | | | | | | 7.4 | 8.5 |
| SW | .8 | 1.0 | 1.3 | .7 | .0 | | | | | | | 3.9 | 7.3 |
| WSW | .4 | .5 | 1.0 | .4 | | | | | | | | 2.4 | 7.5 |
| W | .9 | 1.5 | 2.9 | 1.0 | .1 | | | | | | | 6.4 | 7.7 |
| WNW | .5 | 1.2 | 2.3 | 1.1 | | | | | | | | 5.1 | 8.2 |
| NW | .6 | 2.0 | 1.8 | 1.1 | .2 | | | | | | | 5.6 | 7.9 |
| NNW | .7 | 2.2 | 2.7 | 1.0 | .1 | .0 | | | | | | 6.6 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.8 | |
| | 15.0 | 32.8 | 34.5 | 10.4 | .5 | .1 | | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 2595

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.7 | 2.7 | 1.6 | .5 | .1 | | | | | | | 7.6 | 5.4 |
| NNE | 1.4 | 2.2 | 1.3 | .3 | .0 | | | | | | | 5.2 | 5.7 |
| NE | 1.0 | 1.8 | .7 | .3 | | | | | | | | 3.8 | 5.6 |
| ENE | 1.0 | 1.5 | 1.2 | .1 | | | | | | | | 3.8 | 5.8 |
| E | .8 | 1.8 | 1.2 | .2 | | | | | | | | 3.9 | 5.7 |
| ESE | .9 | .7 | .6 | | | | | | | | | 1.8 | 5.1 |
| SE | .4 | .5 | .3 | .0 | | | | | | | | 1.3 | 5.2 |
| SSE | .6 | .8 | .5 | .1 | | | | | | | | 2.0 | 5.2 |
| S | 1.1 | 1.9 | .9 | .2 | | | | | | | | 4.2 | 5.4 |
| SSW | 1.6 | 2.1 | 2.2 | .5 | .2 | | | | | | | 6.5 | 6.5 |
| SW | 1.4 | 1.5 | 1.5 | .5 | | | | | | | | 5.1 | 6.1 |
| WSW | 1.0 | 1.2 | .7 | .3 | | | | | | | | 3.2 | 5.7 |
| W | 1.7 | 1.6 | 1.1 | .3 | .0 | | | | | | | 4.8 | 5.4 |
| WNW | .8 | 1.0 | .9 | .3 | .1 | | | | | | | 3.0 | 6.7 |
| NW | 1.0 | .9 | .9 | .4 | .0 | | | | | | | 3.1 | 6.3 |
| NNW | 1.9 | 1.0 | .5 | .3 | .1 | | | | | | | 3.8 | 5.0 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 37.0 | |
| | 18.9 | 23.1 | 16.1 | 4.4 | .6 | | | | | | | 100.0 | 3.6 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.9 | 3.5 | 1.5 | .9 | .0 | | | | | | | 9.8 | 5.3 |
| NNE | 1.3 | 2.4 | 1.8 | .7 | .0 | | | | | | | 6.2 | 6.3 |
| NE | 1.1 | 2.2 | 1.4 | .1 | | | | | | | | 4.9 | 5.5 |
| ENE | .8 | 1.1 | .7 | .1 | | | | | | | | 2.6 | 5.3 |
| E | .5 | 1.4 | 1.1 | | | | | | | | | 3.1 | 5.7 |
| ESE | .5 | .6 | .4 | .0 | | | | | | | | 1.5 | 5.3 |
| SE | .1 | .2 | .4 | .1 | | | | | | | | .8 | 6.9 |
| SSE | .3 | .5 | .3 | | | | | | | | | 1.1 | 5.2 |
| S | .8 | .6 | 1.0 | .3 | | | | | | | | 2.7 | 6.1 |
| SSW | .8 | 1.2 | 1.3 | .5 | .2 | | | | | | | 3.9 | 7.0 |
| SW | 1.8 | 1.7 | 1.5 | .5 | | | | | | | | 5.4 | 5.9 |
| WSW | 1.2 | 2.0 | 1.1 | .3 | .0 | | | | | | | 4.7 | 5.7 |
| W | 1.7 | 2.2 | 1.6 | .4 | | | | | | | | 5.9 | 5.6 |
| WNW | .6 | 1.0 | 1.4 | .8 | .0 | | | | | | | 3.7 | 7.6 |
| NW | .6 | .7 | 1.4 | .3 | .0 | | | | | | | 3.1 | 7.2 |
| NNW | 1.8 | 1.3 | .8 | .2 | .0 | | | | | | | 4.2 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 36.3 | |
| | 17.8 | 22.5 | 17.8 | 5.2 | .4 | | | | | | | 100.0 | 3.8 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.1 | 4.1 | 2.3 | .5 | | | | | | | | 11.0 | 5.1 |
| NNE | 1.6 | 2.4 | 2.7 | .5 | | | | | | | | 7.3 | 6.2 |
| NE | 1.6 | 2.5 | 2.3 | .2 | | | | | | | | 6.6 | 5.8 |
| ENE | .7 | 1.1 | .7 | .2 | | | | | | | | 2.6 | 5.7 |
| E | .4 | 1.0 | .4 | .1 | | | | | | | | 1.9 | 5.6 |
| ESE | .1 | .2 | .4 | .0 | | | | | | | | .8 | 6.5 |
| SE | .3 | .2 | .1 | | | | | | | | | .6 | 4.9 |
| SSE | .3 | .5 | .2 | .1 | | | | | | | | 1.1 | 5.6 |
| S | 1.0 | 1.3 | 1.0 | .2 | | | | | | | | 3.4 | 5.7 |
| SSW | .4 | .9 | .9 | .7 | .0 | | | | | | | 2.9 | 7.8 |
| SW | 1.2 | 1.1 | 1.0 | .4 | .2 | .0 | | | | | | 4.0 | 6.3 |
| WSW | 1.7 | 1.7 | 1.7 | .5 | .0 | .0 | | | | | | 5.8 | 6.0 |
| W | 2.1 | 3.2 | 1.9 | .5 | .1 | | | | | | | 7.8 | 5.8 |
| WNW | .8 | 1.6 | 1.4 | .2 | | | | | | | | 4.0 | 6.1 |
| NW | 1.1 | 1.8 | 1.4 | .4 | .1 | | | | | | | 4.7 | 6.2 |
| NNW | 2.6 | 2.3 | 1.3 | .5 | .1 | | | | | | | 6.8 | 5.4 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 28.8 | |
| | 19.9 | 25.9 | 19.8 | 4.9 | .6 | .1 | | | | | | 100.0 | 4.2 |

TOTAL NUMBER OF OBSERVATIONS 2602

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 4.1 | 5.2 | 2.4 | .6 | | | | | | | | 12.3 | 5.1 |
| NNE | 1.5 | 4.0 | 2.9 | .3 | | | | | | | | 8.9 | 6.0 |
| NE | 1.1 | 2.5 | 2.0 | .4 | | | | | | | | 6.1 | 6.2 |
| ENE | .5 | .7 | .9 | .1 | | | | | | | | 2.2 | 6.4 |
| E | .2 | .6 | .6 | .1 | | | | | | | | 1.4 | 6.3 |
| ESE | .1 | .4 | .2 | .0 | | | | | | | | .7 | 6.4 |
| SE | .2 | .0 | .0 | | | | | | | | | .3 | 3.4 |
| SSE | .2 | .3 | .4 | .1 | | | | | | | | 1.0 | 6.9 |
| S | .6 | 1.1 | 1.2 | .2 | .0 | | | | | | | 3.1 | 6.7 |
| SSW | .2 | .5 | .8 | .5 | .1 | | | | | | | 2.1 | 8.3 |
| SW | .7 | 1.0 | .9 | .3 | | .0 | | | | | | 3.0 | 6.4 |
| WSW | 1.2 | 2.0 | 1.9 | .6 | .2 | .0 | | | | | | 6.0 | 6.9 |
| W | 2.0 | 4.4 | 1.9 | .5 | .1 | | | | | | | 8.9 | 5.7 |
| WNW | 1.0 | 1.8 | .8 | .4 | | | | | | | | 4.0 | 5.7 |
| NW | 1.5 | 1.7 | 1.6 | .5 | | | | | | | | 3.3 | 6.0 |
| NNW | 2.6 | 2.6 | 1.5 | .7 | .1 | | | | | | | 7.4 | 5.6 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 27.3 | |
| | 17.8 | 29.1 | 20.0 | 5.3 | .5 | .1 | | | | | | 100.0 | 4.4 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-46,49-72 (YEARS) | DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.8 | 5.0 | 2.8 | .9 | | | | | | | | 12.6 | 5.5 |
| NNE | 2.0 | 3.4 | 3.7 | .6 | .1 | | | | | | | 9.8 | 5.3 |
| NE | 1.5 | 2.5 | 2.2 | .5 | | | | | | | | 6.7 | 6.1 |
| ENE | .4 | .3 | .8 | .2 | | | | | | | | 1.7 | 6.9 |
| E | .4 | .7 | .6 | .1 | .1 | .0 | | | | | | 1.9 | 6.5 |
| ESE | .2 | .3 | .3 | .0 | | | | | | | | .9 | 6.4 |
| SE | .1 | .2 | .2 | | | | | | | | | .5 | 5.3 |
| SSE | .2 | .3 | .4 | .3 | | | | | | | | 1.1 | 7.4 |
| S | .6 | 1.1 | 1.0 | .2 | | | | | | | | 2.9 | 6.0 |
| SSW | .3 | 1.0 | .7 | .4 | .0 | | | | | | | 2.3 | 7.2 |
| SW | .5 | 1.2 | .9 | .3 | .1 | | | | | | | 2.9 | 6.8 |
| WSW | .9 | 1.8 | 1.6 | .5 | .0 | | | | | | | 4.9 | 6.5 |
| W | 2.5 | 3.9 | 2.0 | .8 | .2 | | | | | | | 9.3 | 5.9 |
| WNW | 1.6 | 1.4 | 1.4 | .5 | .1 | | | | | | | 4.9 | 6.2 |
| NW | 1.6 | 1.9 | 1.5 | .3 | | | | | | | | 5.3 | 5.6 |
| NNW | 2.8 | 2.1 | 1.6 | .4 | | | | | | | | 6.9 | 5.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 25.4 | |
| | 19.3 | 27.2 | 21.6 | 5.9 | .6 | .0 | | | | | | 100.0 | 4.5 |

TOTAL NUMBER OF OBSERVATIONS 2654

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.2 | 4.6 | 4.8 | 2.5 | .2 | | | | | | | 14.3 | 7.4 |
| NNE | .9 | 3.0 | 4.2 | 1.3 | .1 | | | | | | | 9.6 | 7.6 |
| NE | 1.2 | 3.3 | 3.1 | 1.2 | .0 | | | | | | | 8.9 | 7.0 |
| ENE | .9 | 1.7 | 1.6 | .3 | .0 | | | | | | | 4.6 | 6.6 |
| E | .8 | 1.4 | 1.4 | .4 | | .0 | | | | | | 4.1 | 6.7 |
| ESE | .4 | .8 | .4 | .0 | .0 | | | | | | | 1.6 | 5.7 |
| SE | .5 | .6 | .6 | .1 | | | | | | | | 1.8 | 5.7 |
| SSE | .2 | .7 | .6 | .1 | | | | | | | | 1.6 | 6.6 |
| S | .7 | 1.2 | 1.4 | .6 | .0 | | | | | | | 3.9 | 7.1 |
| SSW | .4 | 1.0 | 1.4 | .6 | .0 | | | | | | | 3.6 | 7.9 |
| SW | .4 | .9 | .9 | .6 | .0 | | | | | | | 2.9 | 7.6 |
| WSW | .4 | 1.2 | 2.0 | .9 | .1 | | | | | | | 4.7 | 8.1 |
| W | 1.4 | 3.1 | 3.4 | 1.7 | .3 | .0 | | | | | | 10.0 | 7.7 |
| WNW | .9 | 2.0 | 2.5 | 1.1 | .1 | | | | | | | 6.6 | 7.6 |
| NW | 1.0 | 2.2 | 2.5 | .8 | .1 | | | | | | | 6.6 | 7.1 |
| NNW | 1.7 | 2.2 | 2.1 | 1.2 | .0 | | | | | | | 7.2 | 6.9 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 8.0 | |
| | 14.0 | 29.9 | 33.2 | 13.7 | 1.2 | .1 | | | | | | 100.0 | 6.7 |

TOTAL NUMBER OF OBSERVATIONS 2690

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

DATA PROCESSING BRANCH
FTAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | .8 | 3.3 | 5.2 | 2.3 | .1 | | | | | | | 11.8 | 8.3 |
| NNE | .4 | 1.2 | 3.2 | .9 | .0 | | | | | | | 5.7 | 8.3 |
| NE | .7 | 1.5 | 1.7 | .7 | .1 | | | | | | | 4.8 | 7.4 |
| ENE | .3 | 1.2 | 1.3 | .4 | | | | | | | | 3.3 | 7.2 |
| E | .9 | 2.0 | 3.1 | .6 | | | | | | | | 6.6 | 6.9 |
| ESE | .5 | 2.1 | 1.7 | .2 | | | | | | | | 4.5 | 6.4 |
| SE | .9 | 1.9 | 1.1 | .1 | | | | | | | | 4.0 | 5.4 |
| SSE | .4 | 2.7 | 1.9 | .1 | | | | | | | | 5.1 | 6.2 |
| S | .7 | 2.8 | 4.6 | 1.2 | .0 | | | | | | | 9.3 | 7.6 |
| SSW | .1 | .9 | 2.3 | 1.7 | .1 | | | | | | | 5.0 | 9.6 |
| SW | .4 | .8 | 1.1 | 1.0 | .0 | .0 | | | | | | 3.3 | 8.8 |
| WSW | .3 | .6 | 2.2 | 1.6 | .3 | .0 | | | | | | 4.9 | 9.9 |
| W | .4 | 1.9 | 2.6 | 2.1 | .4 | .0 | .1 | | | | | 7.5 | 9.4 |
| WNW | .4 | 1.5 | 3.0 | 1.5 | .1 | .0 | | | | | | 6.6 | 8.6 |
| NW | .9 | 1.7 | 2.9 | 1.6 | .0 | | | | | | | 7.0 | 8.0 |
| NNW | .4 | 2.0 | 3.5 | 1.8 | .0 | | | | | | | 7.8 | 8.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 2.6 | |
| | 8.6 | 28.1 | 41.4 | 17.8 | 1.3 | .1 | .1 | | | | | 100.0 | 7.8 |

TOTAL NUMBER OF OBSERVATIONS 2688

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 1.5 | 3.3 | 4.3 | 1.1 | .0 | | | | | | | 10.2 | 7.0 |
| NNE | .6 | 2.3 | 2.2 | .6 | .0 | .0 | | | | | | 5.8 | 7.0 |
| NE | .6 | 1.3 | 1.1 | .3 | | | | | | | | 3.3 | 6.3 |
| ENE | .4 | 1.2 | 1.2 | .2 | | | | | | | | 3.0 | 6.6 |
| E | 1.2 | 2.4 | 2.0 | .6 | | | | | | | | 6.3 | 6.3 |
| ESE | .9 | 1.6 | .8 | .2 | | | | | | | | 3.5 | 5.4 |
| SE | 1.2 | 2.0 | .7 | .0 | | | | | | | | 3.9 | 4.6 |
| SSE | 1.7 | 2.9 | .7 | .1 | | | | | | | | 5.4 | 4.9 |
| S | 2.3 | 5.8 | 3.9 | .6 | | | | | | | | 12.7 | 6.0 |
| SSW | .8 | 2.1 | 2.2 | 1.7 | .2 | .0 | | | | | | 7.0 | 8.1 |
| SW | .0 | 1.2 | 1.5 | .5 | .1 | | | | | | | 3.9 | 7.4 |
| WSW | .3 | .8 | 1.3 | .6 | | | .0 | | | | | 3.0 | 8.0 |
| W | .9 | 2.0 | 2.7 | 1.3 | .1 | .0 | | | | | | 7.0 | 8.0 |
| WNW | .6 | 1.9 | 2.0 | 1.2 | .2 | .1 | | | | | | 6.0 | 8.3 |
| NW | .7 | 1.8 | 2.2 | .7 | .1 | | | | | | | 5.5 | 7.3 |
| NNW | .6 | 2.6 | 2.9 | .9 | .2 | | | | | | | 7.3 | 7.5 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 6.1 | |
| | 15.1 | 35.3 | 31.7 | 10.4 | 1.0 | .2 | .0 | | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 2685

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

(CONDITION)

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 3.2 | 3.7 | 1.8 | .3 | | | | | | | | 9.0 | 4.9 |
| NNE | 1.3 | 2.3 | 1.2 | .4 | | | | | | | | 5.2 | 5.9 |
| NE | .7 | 1.6 | 1.3 | .3 | | | | | | | | 3.8 | 6.1 |
| ENE | .7 | 1.3 | 1.5 | .2 | | | | | | | | 3.7 | 6.3 |
| E | .9 | 1.3 | 1.4 | .5 | | | | | | | | 4.1 | 6.6 |
| ESE | .4 | .4 | .2 | .0 | | | | | | | | 1.2 | 4.8 |
| SE | .6 | .6 | .2 | .0 | | | | | | | | 1.4 | 4.4 |
| SSE | .8 | .6 | .1 | | | | | | | | | 1.5 | 3.8 |
| S | 1.8 | 2.2 | 1.2 | .4 | .0 | | | | | | | 5.6 | 5.4 |
| SSW | 1.0 | 2.0 | 1.8 | .7 | .0 | | | | | | | 5.5 | 6.8 |
| SW | 1.8 | 1.9 | 1.6 | .7 | .1 | | | | | | | 6.2 | 6.4 |
| WSW | 1.2 | 1.7 | 1.1 | .1 | | .0 | | | | | | 4.1 | 5.7 |
| W | 2.1 | 1.9 | 1.4 | .6 | .1 | | | | | | | 6.2 | 6.0 |
| WNW | .6 | 1.1 | .5 | .5 | | | | | | | | 2.7 | 6.5 |
| NW | .9 | 1.2 | .7 | .4 | | | | | | | | 3.3 | 6.0 |
| NNW | 1.5 | 1.4 | 1.2 | .2 | .1 | | | | | | | 4.4 | 5.8 |
| VARBL | | | | | | | | | | | | | |
| CALM | X | X | X | X | X | X | X | X | X | X | X | 32.2 | |
| | 19.5 | 25.2 | 17.2 | 5.5 | .4 | .0 | | | | | | 100.0 | 3.9 |

TOTAL NUMBER OF OBSERVATIONS 2678

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (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 | 3.3 | 3.0 | 1.9 | .6 | | .0 | | | | | | 8.8 | 5.3 |
| NNE | 1.2 | 2.3 | 1.7 | .3 | | | | | | | | 5.4 | 5.8 |
| NE | .9 | 2.7 | 2.0 | .1 | | | | | | | | 5.6 | 6.0 |
| ENE | .7 | 1.6 | 1.2 | .3 | .0 | | | | | | | 3.8 | 6.2 |
| E | .7 | 1.0 | 1.3 | .3 | | | | | | | | 3.2 | 6.6 |
| ESE | .1 | .4 | .5 | | | | | | | | | 1.0 | 6.2 |
| SE | .2 | .4 | .2 | | | | | | | | | .9 | 5.2 |
| SSE | .6 | .5 | .2 | | | | | | | | | 1.3 | 4.3 |
| S | 1.2 | 1.2 | .9 | .3 | .0 | | | | | | | 3.5 | 5.8 |
| SSW | .7 | .9 | 1.2 | .4 | .0 | .0 | | | | | | 3.4 | 7.1 |
| SW | 1.2 | 1.5 | 1.7 | .7 | .1 | .0 | | | | | | 5.3 | 7.1 |
| WSW | 1.8 | 2.3 | 1.5 | .5 | .0 | | | | | | | 6.2 | 5.9 |
| W | 2.5 | 2.5 | 1.6 | .7 | .0 | .1 | | | | | | 7.3 | 5.8 |
| WNW | .8 | .7 | 1.1 | .6 | | | | | | | | 3.3 | 6.9 |
| NW | .9 | 1.1 | .9 | .4 | | | | | | | | 3.3 | 6.4 |
| NNW | 2.0 | 1.7 | 1.5 | .6 | .1 | .0 | | | | | | 5.9 | 6.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 31.? | |
| | 18.8 | 23.7 | 19.3 | 5.7 | .4 | .2 | | | | | | 100.0 | 4.1 |

TOTAL NUMBER OF OBSERVATIONS 2674

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SURFACE WINDS

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS) ALL (MONTH)

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

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

| SPEED (KNTS) DIR. | 1 - 3 | 4 - 6 | 7 - 10 | 11 - 16 | 17 - 21 | 22 - 27 | 28 - 33 | 34 - 40 | 41 - 47 | 48 - 55 | ≥56 | % | MEAN WIND SPEED |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| N | 2.5 | 4.4 | 4.8 | 1.7 | .2 | .0 | .0 | .0 | | | | 13.7 | 6.9 |
| NNE | 1.8 | 3.7 | 4.4 | 1.8 | .1 | .0 | .0 | | | | | 11.9 | 7.4 |
| NE | 1.5 | 3.2 | 3.4 | 1.1 | .1 | .0 | | | | | | 9.2 | 6.9 |
| ENE | .6 | 1.5 | 2.1 | 1.0 | .1 | .0 | | | | | | 5.3 | 7.9 |
| E | .7 | 1.4 | 2.1 | 1.1 | .1 | .0 | .0 | | | | | 5.5 | 8.1 |
| ESE | .5 | .8 | 1.1 | .4 | .0 | .0 | | | | | | 2.8 | 7.4 |
| SE | .4 | .6 | .7 | .2 | .0 | .0 | | | | | | 2.0 | 6.3 |
| SSE | .5 | .6 | .7 | .3 | .1 | .0 | | | | | | 2.2 | 7.3 |
| S | .7 | 1.3 | 1.7 | .9 | .1 | .1 | .0 | | | | | 4.8 | 8.1 |
| SSW | .4 | .8 | 1.4 | 1.1 | .3 | .1 | .0 | | | | | 4.0 | 9.4 |
| SW | .7 | .9 | 1.0 | .7 | .1 | .0 | | | | | | 3.4 | 7.7 |
| WSW | .6 | .8 | .8 | .4 | .1 | .0 | .0 | | | | | 2.8 | 7.2 |
| W | 1.0 | 1.3 | 1.3 | .5 | .1 | .0 | | | | | | 4.2 | 6.6 |
| WNW | .6 | 1.1 | 1.2 | .5 | .0 | .0 | | | | | | 3.4 | 7.2 |
| NW | 1.0 | 1.5 | 1.6 | .5 | .1 | .0 | .0 | | | | | 4.6 | 6.9 |
| NNW | 1.3 | 2.0 | 2.3 | .9 | .1 | | .0 | .0 | | | | 6.6 | 7.1 |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | 13.7 | |
| | 14.8 | 25.9 | 30.6 | 13.0 | 1.6 | .3 | .1 | .0 | | | | 100.0 | 6.4 |

TOTAL NUMBER OF OBSERVATIONS 24816

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

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART D CEILING VERSUS VISIBILITY

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

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

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

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

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

Continued on Reverse Side

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

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

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

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

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



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## ADDITIONAL EXAMPLES

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

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

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

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

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



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# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS) ALL (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.0 | 52.1 | 54.8 | 56.2 | 57.1 | 57.3 | 57.7 | 57.9 | 57.9 | 58.2 | 58.3 | 58.3 | 58.5 | 58.6 | 58.7 | 58.9 |
| ≥ 20000 | 24.9 | 59.0 | 62.0 | 63.5 | 64.6 | 64.8 | 65.3 | 65.5 | 65.5 | 65.8 | 65.9 | 65.9 | 66.1 | 66.2 | 66.4 | 66.5 |
| ≥ 18000 | 25.0 | 59.4 | 62.4 | 64.0 | 65.1 | 65.2 | 65.7 | 65.9 | 66.0 | 66.2 | 66.4 | 66.4 | 66.6 | 66.6 | 66.8 | 67.0 |
| ≥ 16000 | 25.1 | 59.7 | 62.8 | 64.4 | 65.5 | 65.6 | 66.1 | 66.3 | 66.4 | 66.6 | 66.8 | 66.8 | 67.0 | 67.0 | 67.2 | 67.4 |
| ≥ 14000 | 25.6 | 61.1 | 64.2 | 65.8 | 67.0 | 67.1 | 67.6 | 67.8 | 67.8 | 68.1 | 68.3 | 68.3 | 68.5 | 68.5 | 68.7 | 68.9 |
| ≥ 12000 | 26.4 | 63.2 | 66.5 | 68.2 | 69.4 | 69.5 | 70.0 | 70.2 | 70.3 | 70.5 | 70.7 | 70.7 | 70.9 | 71.0 | 71.1 | 71.3 |
| ≥ 10000 | 27.2 | 65.9 | 69.4 | 71.1 | 72.4 | 72.5 | 73.0 | 73.2 | 73.3 | 73.6 | 73.7 | 73.7 | 73.9 | 74.0 | 74.2 | 74.4 |
| ≥ 9000 | 27.4 | 66.6 | 70.1 | 71.9 | 73.2 | 73.3 | 73.8 | 74.0 | 74.1 | 74.4 | 74.5 | 74.6 | 74.8 | 74.8 | 75.0 | 75.2 |
| ≥ 8000 | 27.8 | 68.4 | 72.1 | 73.9 | 75.2 | 75.3 | 75.9 | 76.1 | 76.2 | 76.4 | 76.6 | 76.6 | 76.8 | 76.9 | 77.1 | 77.3 |
| ≥ 7000 | 28.1 | 69.7 | 73.5 | 75.4 | 76.7 | 76.9 | 77.4 | 77.7 | 77.7 | 78.0 | 78.2 | 78.2 | 78.4 | 78.4 | 78.6 | 78.8 |
| ≥ 6000 | 28.4 | 70.8 | 74.7 | 76.6 | 78.0 | 78.2 | 78.8 | 79.0 | 79.0 | 79.3 | 79.5 | 79.5 | 79.7 | 79.8 | 80.0 | 80.2 |
| ≥ 5000 | 28.8 | 72.2 | 76.2 | 78.2 | 79.7 | 79.9 | 80.5 | 80.7 | 80.7 | 81.0 | 81.2 | 81.2 | 81.4 | 81.5 | 81.7 | 81.9 |
| ≥ 4500 | 28.9 | 72.6 | 76.7 | 78.7 | 80.2 | 80.3 | 81.0 | 81.2 | 81.2 | 81.6 | 81.7 | 81.7 | 81.9 | 82.0 | 82.2 | 82.4 |
| ≥ 4000 | 29.2 | 73.8 | 78.0 | 80.1 | 81.6 | 81.8 | 82.4 | 82.6 | 82.7 | 83.0 | 83.2 | 83.2 | 83.4 | 83.5 | 83.7 | 83.9 |
| ≥ 3500 | 29.5 | 74.6 | 78.9 | 81.0 | 82.5 | 82.7 | 83.4 | 83.6 | 83.7 | 84.0 | 84.2 | 84.2 | 84.4 | 84.5 | 84.7 | 84.9 |
| ≥ 3000 | 29.9 | 75.7 | 80.1 | 82.4 | 84.0 | 84.2 | 84.8 | 85.1 | 85.2 | 85.5 | 85.7 | 85.7 | 85.9 | 86.0 | 86.1 | 86.4 |
| ≥ 2500 | 30.2 | 76.7 | 81.3 | 83.6 | 85.2 | 85.5 | 86.2 | 86.4 | 86.5 | 86.8 | 87.0 | 87.0 | 87.2 | 87.3 | 87.5 | 87.7 |
| ≥ 2000 | 30.5 | 78.1 | 82.8 | 85.3 | 87.0 | 87.2 | 88.0 | 88.3 | 88.3 | 88.7 | 88.9 | 88.9 | 89.1 | 89.2 | 89.4 | 89.6 |
| ≥ 1800 | 30.6 | 78.5 | 83.2 | 85.7 | 87.4 | 87.7 | 88.4 | 88.7 | 88.8 | 89.1 | 89.3 | 89.3 | 89.5 | 89.6 | 89.8 | 90.0 |
| ≥ 1500 | 30.8 | 79.4 | 84.3 | 86.8 | 88.7 | 88.9 | 89.7 | 90.0 | 90.1 | 90.5 | 90.6 | 90.7 | 90.9 | 90.9 | 91.1 | 91.3 |
| ≥ 1200 | 31.0 | 80.3 | 85.4 | 88.0 | 90.0 | 90.2 | 91.1 | 91.4 | 91.4 | 91.8 | 92.0 | 92.0 | 92.3 | 92.3 | 92.5 | 92.7 |
| ≥ 1000 | 31.1 | 81.0 | 86.2 | 89.0 | 91.1 | 91.3 | 92.2 | 92.6 | 92.6 | 93.1 | 93.3 | 93.3 | 93.5 | 93.6 | 93.8 | 94.0 |
| ≥ 900 | 31.1 | 81.3 | 86.5 | 89.3 | 91.4 | 91.7 | 92.7 | 93.0 | 93.1 | 93.5 | 93.7 | 93.7 | 94.0 | 94.0 | 94.2 | 94.4 |
| ≥ 800 | 31.1 | 81.6 | 87.0 | 89.9 | 92.1 | 92.3 | 93.3 | 93.7 | 93.8 | 94.2 | 94.5 | 94.5 | 94.7 | 94.8 | 95.0 | 95.2 |
| ≥ 700 | 31.2 | 81.8 | 87.3 | 90.3 | 92.6 | 92.9 | 94.0 | 94.3 | 94.4 | 94.9 | 95.1 | 95.1 | 95.4 | 95.4 | 95.6 | 95.8 |
| ≥ 600 | 31.2 | 82.1 | 87.7 | 90.8 | 93.2 | 93.5 | 94.6 | 95.1 | 95.2 | 95.6 | 95.9 | 95.9 | 96.1 | 96.2 | 96.4 | 96.6 |
| ≥ 500 | 31.2 | 82.3 | 88.0 | 91.2 | 93.7 | 94.1 | 95.3 | 95.8 | 95.9 | 96.5 | 96.7 | 96.7 | 97.0 | 97.1 | 97.3 | 97.5 |
| ≥ 400 | 31.2 | 82.4 | 88.2 | 91.5 | 94.1 | 94.5 | 95.9 | 96.4 | 96.5 | 97.1 | 97.4 | 97.4 | 97.7 | 97.8 | 98.0 | 98.2 |
| ≥ 300 | 31.2 | 82.5 | 88.3 | 91.6 | 94.3 | 94.8 | 96.3 | 96.9 | 97.0 | 97.7 | 98.0 | 98.0 | 98.3 | 98.4 | 98.6 | 98.8 |
| ≥ 200 | 31.2 | 82.5 | 88.3 | 91.6 | 94.4 | 94.8 | 96.4 | 97.1 | 97.2 | 98.0 | 98.3 | 98.4 | 98.7 | 98.8 | 99.1 | 99.3 |
| ≥ 100 | 31.2 | 82.5 | 88.3 | 91.6 | 94.4 | 94.9 | 96.4 | 97.1 | 97.3 | 98.0 | 98.4 | 98.5 | 98.9 | 99.0 | 99.4 | 99.7 |
| 0 | 31.2 | 82.5 | 88.3 | 91.6 | 94.4 | 94.9 | 96.4 | 97.1 | 97.3 | 98.0 | 98.4 | 98.5 | 98.9 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 247129

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

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DATA PROCESSING BRANCH
USAF ETAC
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# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

ALL (HOURS (L S T))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 18.9 | 44.6 | 47.0 | 48.3 | 49.3 | 49.4 | 49.9 | 50.1 | 50.1 | 50.4 | 50.6 | 50.6 | 50.9 | 50.9 | 51.0 | 51.2 |
| ≥ 20000 | 21.3 | 50.0 | 52.7 | 54.1 | 55.1 | 55.2 | 55.8 | 56.0 | 56.0 | 56.3 | 56.5 | 56.5 | 56.8 | 56.9 | 57.0 | 57.2 |
| ≥ 18000 | 21.4 | 50.4 | 53.1 | 54.5 | 55.5 | 55.7 | 56.2 | 56.4 | 56.5 | 56.7 | 56.9 | 56.9 | 57.2 | 57.3 | 57.4 | 57.6 |
| ≥ 16000 | 21.4 | 50.7 | 53.4 | 54.8 | 55.9 | 56.0 | 56.6 | 56.8 | 56.8 | 57.1 | 57.2 | 57.3 | 57.6 | 57.6 | 57.7 | 57.9 |
| ≥ 14000 | 22.0 | 51.9 | 54.7 | 56.1 | 57.2 | 57.3 | 57.9 | 58.1 | 58.1 | 58.4 | 58.6 | 58.6 | 58.9 | 58.9 | 59.0 | 59.3 |
| ≥ 12000 | 22.4 | 53.6 | 56.5 | 57.9 | 59.0 | 59.2 | 59.8 | 60.0 | 60.0 | 60.3 | 60.4 | 60.5 | 60.8 | 60.8 | 60.9 | 61.2 |
| ≥ 10000 | 23.2 | 56.1 | 59.1 | 60.6 | 61.7 | 61.8 | 62.4 | 62.6 | 62.7 | 63.0 | 63.1 | 63.1 | 63.5 | 63.5 | 63.6 | 63.9 |
| ≥ 9000 | 23.4 | 56.8 | 59.8 | 61.3 | 62.4 | 62.6 | 63.2 | 63.4 | 63.4 | 63.7 | 63.9 | 63.9 | 64.2 | 64.3 | 64.4 | 64.6 |
| ≥ 8000 | 23.9 | 58.4 | 61.6 | 63.2 | 64.4 | 64.6 | 65.2 | 65.4 | 65.5 | 65.8 | 65.9 | 65.9 | 66.3 | 66.3 | 66.4 | 66.7 |
| ≥ 7000 | 24.4 | 60.5 | 63.9 | 65.5 | 66.8 | 67.0 | 67.6 | 67.8 | 67.9 | 68.2 | 68.4 | 68.4 | 68.7 | 68.8 | 68.9 | 69.1 |
| ≥ 6000 | 25.0 | 62.6 | 66.2 | 67.9 | 69.2 | 69.4 | 70.0 | 70.2 | 70.3 | 70.6 | 70.8 | 70.8 | 71.1 | 71.2 | 71.3 | 71.5 |
| ≥ 5000 | 25.5 | 64.8 | 68.6 | 70.5 | 71.8 | 72.0 | 72.7 | 73.0 | 73.0 | 73.4 | 73.6 | 73.6 | 73.9 | 74.0 | 74.1 | 74.3 |
| ≥ 4500 | 25.8 | 65.3 | 69.2 | 71.1 | 72.5 | 72.7 | 73.4 | 73.7 | 73.7 | 74.1 | 74.3 | 74.3 | 74.6 | 74.7 | 74.8 | 75.1 |
| ≥ 4000 | 26.0 | 66.6 | 70.5 | 72.5 | 73.9 | 74.1 | 74.9 | 75.2 | 75.2 | 75.6 | 75.8 | 75.8 | 76.2 | 76.2 | 76.4 | 76.6 |
| ≥ 3500 | 26.3 | 67.4 | 71.5 | 73.5 | 75.0 | 75.2 | 76.0 | 76.3 | 76.3 | 76.7 | 76.9 | 76.9 | 77.3 | 77.3 | 77.4 | 77.7 |
| ≥ 3000 | 26.5 | 68.4 | 72.6 | 74.7 | 76.3 | 76.5 | 77.3 | 77.6 | 77.6 | 78.0 | 78.2 | 78.2 | 78.6 | 78.7 | 78.8 | 79.1 |
| ≥ 2500 | 26.7 | 69.4 | 73.9 | 76.1 | 77.7 | 78.0 | 78.8 | 79.1 | 79.1 | 79.5 | 79.8 | 79.8 | 80.2 | 80.2 | 80.4 | 80.6 |
| ≥ 2000 | 26.9 | 70.8 | 75.4 | 77.8 | 79.6 | 79.8 | 80.7 | 81.1 | 81.1 | 81.5 | 81.7 | 81.7 | 82.1 | 82.2 | 82.3 | 82.6 |
| ≥ 1800 | 27.1 | 71.1 | 75.8 | 78.2 | 80.0 | 80.3 | 81.2 | 81.5 | 81.6 | 82.0 | 82.2 | 82.2 | 82.6 | 82.7 | 82.8 | 83.1 |
| ≥ 1500 | 27.3 | 72.0 | 76.8 | 79.3 | 81.2 | 81.5 | 82.5 | 82.8 | 82.9 | 83.3 | 83.5 | 83.6 | 83.9 | 84.0 | 84.1 | 84.4 |
| ≥ 1200 | 27.3 | 73.1 | 78.1 | 80.6 | 82.7 | 82.9 | 84.0 | 84.4 | 84.4 | 84.9 | 85.1 | 85.1 | 85.5 | 85.6 | 85.7 | 86.0 |
| ≥ 1000 | 27.4 | 73.9 | 79.1 | 81.9 | 84.1 | 84.4 | 85.5 | 85.9 | 86.0 | 86.5 | 86.7 | 86.7 | 87.1 | 87.2 | 87.3 | 87.6 |
| ≥ 900 | 27.4 | 74.2 | 79.6 | 82.4 | 84.7 | 85.1 | 86.3 | 86.7 | 86.7 | 87.2 | 87.5 | 87.5 | 87.9 | 88.0 | 88.1 | 88.4 |
| ≥ 800 | 27.5 | 74.7 | 80.2 | 83.2 | 85.6 | 86.0 | 87.3 | 87.7 | 87.8 | 88.4 | 88.6 | 88.6 | 89.0 | 89.1 | 89.3 | 89.5 |
| ≥ 700 | 27.5 | 75.1 | 80.8 | 83.9 | 86.5 | 86.9 | 88.3 | 88.8 | 88.9 | 89.5 | 89.7 | 89.8 | 90.2 | 90.2 | 90.4 | 90.7 |
| ≥ 600 | 27.5 | 75.5 | 81.3 | 84.6 | 87.5 | 88.0 | 89.6 | 90.2 | 90.3 | 90.9 | 91.2 | 91.3 | 91.7 | 91.8 | 91.9 | 92.2 |
| ≥ 500 | 27.5 | 75.9 | 81.9 | 85.5 | 88.7 | 89.3 | 91.1 | 91.9 | 92.0 | 92.7 | 93.1 | 93.1 | 93.6 | 93.6 | 93.8 | 94.1 |
| ≥ 400 | 27.5 | 76.1 | 82.3 | 86.1 | 89.5 | 90.2 | 92.4 | 93.3 | 93.5 | 94.4 | 94.8 | 94.8 | 95.3 | 95.4 | 95.5 | 95.8 |
| ≥ 300 | 27.5 | 76.2 | 82.5 | 86.4 | 90.0 | 90.8 | 93.2 | 94.3 | 94.6 | 95.6 | 96.1 | 96.1 | 96.7 | 96.8 | 97.0 | 97.3 |
| ≥ 200 | 27.5 | 76.2 | 82.6 | 86.5 | 90.2 | 91.0 | 93.6 | 94.9 | 95.2 | 96.4 | 97.1 | 97.1 | 97.8 | 97.9 | 98.3 | 98.6 |
| ≥ 100 | 27.5 | 76.2 | 82.6 | 86.5 | 90.2 | 91.0 | 93.7 | 95.0 | 95.3 | 96.5 | 97.3 | 97.3 | 98.1 | 98.3 | 98.8 | 99.3 |
| ≥ 0 | 27.5 | 76.2 | 82.6 | 86.5 | 90.2 | 91.0 | 93.7 | 95.0 | 95.3 | 96.6 | 97.3 | 97.3 | 98.2 | 98.4 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21407

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13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 18.1 | 47.3 | 49.9 | 51.3 | 52.4 | 52.5 | 52.9 | 53.0 | 53.0 | 53.3 | 53.5 | 53.5 | 53.7 | 53.8 | 53.9 | 54.1 |
| ≥ 20000 | 20.3 | 52.8 | 55.8 | 57.4 | 58.5 | 58.7 | 59.1 | 59.3 | 59.3 | 59.7 | 59.8 | 59.8 | 60.1 | 60.2 | 60.3 | 60.5 |
| ≥ 18000 | 20.4 | 53.4 | 56.4 | 58.0 | 59.1 | 59.2 | 59.7 | 59.9 | 59.9 | 60.3 | 60.4 | 60.4 | 60.7 | 60.8 | 60.9 | 61.1 |
| ≥ 16000 | 20.4 | 53.8 | 56.9 | 58.5 | 59.6 | 59.7 | 60.2 | 60.3 | 60.4 | 60.7 | 60.9 | 60.9 | 61.2 | 61.3 | 61.4 | 61.6 |
| ≥ 14000 | 20.6 | 54.9 | 58.0 | 59.6 | 60.8 | 60.9 | 61.3 | 61.5 | 61.6 | 61.9 | 62.0 | 62.1 | 62.4 | 62.4 | 62.5 | 62.8 |
| ≥ 12000 | 21.2 | 56.8 | 60.0 | 61.7 | 62.9 | 63.0 | 63.5 | 63.6 | 63.7 | 64.1 | 64.2 | 64.2 | 64.5 | 64.6 | 64.7 | 64.9 |
| ≥ 10000 | 21.9 | 59.2 | 62.6 | 64.3 | 65.6 | 65.8 | 66.2 | 66.4 | 66.5 | 66.8 | 67.0 | 67.0 | 67.3 | 67.4 | 67.5 | 67.7 |
| ≥ 9000 | 22.1 | 59.8 | 63.3 | 65.1 | 66.4 | 66.6 | 67.1 | 67.2 | 67.3 | 67.7 | 67.8 | 67.8 | 68.1 | 68.2 | 68.3 | 68.5 |
| ≥ 8000 | 22.5 | 61.6 | 65.3 | 67.1 | 68.5 | 68.7 | 69.2 | 69.4 | 69.4 | 69.8 | 70.0 | 70.0 | 70.3 | 70.3 | 70.5 | 70.7 |
| ≥ 7000 | 22.8 | 62.9 | 66.7 | 68.6 | 70.1 | 70.2 | 70.8 | 71.0 | 71.0 | 71.4 | 71.6 | 71.6 | 71.9 | 71.9 | 72.1 | 72.3 |
| ≥ 6000 | 23.1 | 64.2 | 68.2 | 70.2 | 71.8 | 71.9 | 72.5 | 72.7 | 72.8 | 73.2 | 73.3 | 73.4 | 73.7 | 73.7 | 73.9 | 74.1 |
| ≥ 5000 | 23.5 | 66.0 | 70.1 | 72.3 | 73.9 | 74.1 | 74.7 | 75.0 | 75.0 | 75.4 | 75.6 | 75.6 | 75.9 | 76.0 | 76.1 | 76.4 |
| ≥ 4500 | 23.7 | 66.7 | 70.9 | 73.1 | 74.7 | 74.9 | 75.5 | 75.8 | 75.9 | 76.3 | 76.4 | 76.5 | 76.8 | 76.8 | 77.0 | 77.2 |
| ≥ 4000 | 24.0 | 68.1 | 72.5 | 74.8 | 76.6 | 76.8 | 77.5 | 77.7 | 77.8 | 78.2 | 78.4 | 78.4 | 78.7 | 78.8 | 78.9 | 79.2 |
| ≥ 3500 | 24.4 | 69.2 | 73.6 | 76.0 | 77.9 | 78.0 | 78.7 | 79.0 | 79.1 | 79.6 | 79.7 | 79.7 | 80.1 | 80.1 | 80.3 | 80.5 |
| ≥ 3000 | 24.7 | 70.4 | 75.1 | 77.6 | 79.5 | 79.7 | 80.4 | 80.7 | 80.8 | 81.3 | 81.4 | 81.5 | 81.8 | 81.9 | 82.0 | 82.3 |
| ≥ 2500 | 24.9 | 71.4 | 76.2 | 78.8 | 80.8 | 81.0 | 81.9 | 82.2 | 82.2 | 82.7 | 82.9 | 82.9 | 83.2 | 83.3 | 83.5 | 83.7 |
| ≥ 2000 | 25.1 | 72.7 | 77.7 | 80.4 | 82.6 | 82.8 | 83.7 | 84.0 | 84.1 | 84.6 | 84.8 | 84.8 | 85.2 | 85.2 | 85.4 | 85.6 |
| ≥ 1800 | 25.2 | 73.0 | 78.1 | 80.8 | 83.0 | 83.2 | 84.1 | 84.5 | 84.6 | 85.0 | 85.2 | 85.3 | 85.6 | 85.7 | 85.8 | 86.1 |
| ≥ 1500 | 25.3 | 73.9 | 79.2 | 82.0 | 84.3 | 84.6 | 85.5 | 85.9 | 86.0 | 86.5 | 86.6 | 86.7 | 87.0 | 87.1 | 87.2 | 87.5 |
| ≥ 1200 | 25.4 | 74.6 | 80.1 | 83.0 | 85.5 | 85.7 | 86.7 | 87.1 | 87.2 | 87.7 | 87.9 | 87.9 | 88.3 | 88.3 | 88.5 | 88.8 |
| ≥ 1000 | 25.5 | 75.6 | 81.2 | 84.3 | 86.8 | 87.1 | 88.2 | 88.6 | 88.7 | 89.3 | 89.4 | 89.5 | 89.8 | 89.9 | 90.1 | 90.3 |
| ≥ 900 | 25.5 | 75.8 | 81.5 | 84.7 | 87.3 | 87.6 | 88.7 | 89.1 | 89.2 | 89.8 | 90.0 | 90.0 | 90.4 | 90.4 | 90.6 | 90.9 |
| ≥ 800 | 25.5 | 76.1 | 81.9 | 85.2 | 87.9 | 88.3 | 89.5 | 89.9 | 90.0 | 90.6 | 90.9 | 90.9 | 91.3 | 91.3 | 91.5 | 91.8 |
| ≥ 700 | 25.5 | 76.4 | 82.4 | 85.8 | 88.7 | 89.0 | 90.3 | 90.8 | 90.9 | 91.5 | 91.7 | 91.8 | 92.2 | 92.2 | 92.4 | 92.7 |
| ≥ 600 | 25.5 | 76.7 | 82.9 | 86.6 | 89.5 | 89.9 | 91.3 | 91.9 | 92.0 | 92.7 | 92.9 | 93.0 | 93.3 | 93.4 | 93.6 | 93.8 |
| ≥ 500 | 25.5 | 77.0 | 83.3 | 87.2 | 90.3 | 90.7 | 92.4 | 93.0 | 93.2 | 93.9 | 94.2 | 94.3 | 94.7 | 94.7 | 94.9 | 95.2 |
| ≥ 400 | 25.5 | 77.2 | 83.6 | 87.6 | 90.9 | 91.4 | 93.2 | 93.9 | 94.2 | 95.0 | 95.4 | 95.4 | 95.9 | 95.9 | 96.1 | 96.4 |
| ≥ 300 | 25.5 | 77.2 | 83.7 | 87.8 | 91.2 | 91.8 | 94.0 | 94.8 | 95.0 | 96.1 | 96.5 | 96.5 | 97.0 | 97.1 | 97.4 | 97.7 |
| ≥ 200 | 25.5 | 77.3 | 83.8 | 87.8 | 91.3 | 91.9 | 94.2 | 95.2 | 95.5 | 96.8 | 97.3 | 97.4 | 98.0 | 98.0 | 98.4 | 98.8 |
| ≥ 100 | 25.5 | 77.3 | 83.8 | 87.8 | 91.3 | 91.9 | 94.3 | 95.2 | 95.6 | 96.9 | 97.5 | 97.6 | 98.3 | 98.4 | 99.0 | 99.5 |
| ≥ 0 | 25.5 | 77.3 | 83.8 | 87.8 | 91.3 | 91.9 | 94.3 | 95.2 | 95.6 | 96.9 | 97.5 | 97.6 | 98.3 | 98.5 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19477

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH) ALL (HOURS (L.S.T.))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.8 | 50.3 | 52.3 | 53.6 | 54.4 | 54.5 | 54.9 | 55.1 | 55.1 | 55.3 | 55.5 | 55.5 | 55.6 | 55.6 | 55.9 | 56.1 |
| ≥ 20000 | 24.4 | 56.5 | 58.9 | 60.3 | 61.2 | 61.4 | 61.8 | 62.0 | 62.0 | 62.2 | 62.4 | 62.4 | 62.6 | 62.6 | 62.8 | 63.0 |
| ≥ 18000 | 24.5 | 56.9 | 59.3 | 60.8 | 61.7 | 61.8 | 62.2 | 62.4 | 62.5 | 62.7 | 62.9 | 62.9 | 63.0 | 63.1 | 63.3 | 63.5 |
| ≥ 16000 | 24.6 | 57.2 | 59.6 | 61.0 | 62.0 | 62.1 | 62.5 | 62.7 | 62.7 | 63.0 | 63.1 | 63.2 | 63.3 | 63.4 | 63.6 | 63.8 |
| ≥ 14000 | 25.0 | 58.4 | 60.9 | 62.4 | 63.3 | 63.5 | 63.9 | 64.1 | 64.1 | 64.4 | 64.5 | 64.5 | 64.7 | 64.7 | 65.0 | 65.2 |
| ≥ 12000 | 25.5 | 60.0 | 62.7 | 64.3 | 65.2 | 65.4 | 65.8 | 66.0 | 66.0 | 66.3 | 66.5 | 66.5 | 66.6 | 66.7 | 66.9 | 67.1 |
| ≥ 10000 | 26.3 | 62.1 | 65.0 | 66.6 | 67.6 | 67.7 | 68.2 | 68.4 | 68.4 | 68.7 | 68.8 | 68.9 | 69.0 | 69.1 | 69.3 | 69.5 |
| ≥ 9000 | 26.5 | 63.1 | 66.0 | 67.6 | 68.7 | 68.8 | 69.2 | 69.5 | 69.5 | 69.8 | 69.9 | 70.0 | 70.1 | 70.1 | 70.4 | 70.6 |
| ≥ 8000 | 27.0 | 64.8 | 67.9 | 69.6 | 70.7 | 70.8 | 71.3 | 71.5 | 71.5 | 71.8 | 72.0 | 72.0 | 72.1 | 72.2 | 72.4 | 72.6 |
| ≥ 7000 | 27.2 | 66.1 | 69.2 | 71.0 | 72.2 | 72.3 | 72.8 | 73.0 | 73.1 | 73.3 | 73.5 | 73.5 | 73.7 | 73.7 | 73.9 | 74.2 |
| ≥ 6000 | 27.5 | 67.3 | 70.5 | 72.4 | 73.6 | 73.7 | 74.2 | 74.5 | 74.5 | 74.8 | 75.0 | 75.0 | 75.2 | 75.2 | 75.5 | 75.7 |
| ≥ 5000 | 27.9 | 69.1 | 72.5 | 74.4 | 75.7 | 75.9 | 76.4 | 76.7 | 76.7 | 77.0 | 77.2 | 77.2 | 77.4 | 77.5 | 77.7 | 77.9 |
| ≥ 4500 | 27.9 | 69.5 | 72.9 | 74.9 | 76.2 | 76.4 | 77.0 | 77.2 | 77.3 | 77.6 | 77.8 | 77.8 | 78.0 | 78.0 | 78.2 | 78.5 |
| ≥ 4000 | 28.3 | 70.9 | 74.6 | 76.6 | 78.0 | 78.2 | 78.8 | 79.1 | 79.2 | 79.5 | 79.7 | 79.7 | 79.9 | 79.9 | 80.1 | 80.4 |
| ≥ 3500 | 28.5 | 71.6 | 75.5 | 77.6 | 79.1 | 79.3 | 79.9 | 80.2 | 80.3 | 80.6 | 80.8 | 80.8 | 81.0 | 81.0 | 81.3 | 81.5 |
| ≥ 3000 | 28.8 | 72.7 | 76.7 | 79.0 | 80.5 | 80.7 | 81.4 | 81.7 | 81.8 | 82.1 | 82.3 | 82.3 | 82.5 | 82.6 | 82.8 | 83.0 |
| ≥ 2500 | 29.0 | 73.6 | 77.8 | 80.2 | 81.8 | 82.0 | 82.8 | 83.1 | 83.1 | 83.5 | 83.7 | 83.7 | 83.9 | 84.0 | 84.2 | 84.4 |
| ≥ 2000 | 29.2 | 74.7 | 79.0 | 81.6 | 83.3 | 83.6 | 84.4 | 84.8 | 84.9 | 85.3 | 85.5 | 85.5 | 85.7 | 85.8 | 86.0 | 86.2 |
| ≥ 1800 | 29.3 | 75.0 | 79.3 | 82.0 | 83.7 | 84.0 | 84.8 | 85.2 | 85.3 | 85.7 | 85.9 | 86.0 | 86.1 | 86.2 | 86.5 | 86.7 |
| ≥ 1500 | 29.4 | 75.7 | 80.1 | 82.9 | 84.9 | 85.1 | 86.1 | 86.4 | 86.5 | 87.0 | 87.2 | 87.3 | 87.4 | 87.5 | 87.7 | 88.0 |
| ≥ 1200 | 29.5 | 76.4 | 81.1 | 84.0 | 86.1 | 86.4 | 87.4 | 87.8 | 87.9 | 88.4 | 88.6 | 88.7 | 88.8 | 88.9 | 89.2 | 89.4 |
| ≥ 1000 | 29.6 | 77.1 | 82.0 | 85.0 | 87.2 | 87.6 | 88.7 | 89.1 | 89.2 | 89.7 | 90.0 | 90.0 | 90.2 | 90.3 | 90.5 | 90.7 |
| ≥ 900 | 29.7 | 77.3 | 82.3 | 85.3 | 87.7 | 88.0 | 89.1 | 89.6 | 89.7 | 90.3 | 90.5 | 90.6 | 90.8 | 90.8 | 91.1 | 91.3 |
| ≥ 800 | 29.7 | 77.6 | 82.7 | 85.9 | 88.4 | 88.8 | 90.0 | 90.5 | 90.6 | 91.2 | 91.5 | 91.5 | 91.7 | 91.8 | 92.0 | 92.3 |
| ≥ 700 | 29.7 | 77.9 | 83.1 | 86.4 | 89.1 | 89.4 | 90.8 | 91.4 | 91.5 | 92.1 | 92.4 | 92.4 | 92.6 | 92.7 | 92.9 | 93.2 |
| ≥ 600 | 29.7 | 78.2 | 83.5 | 87.0 | 89.8 | 90.2 | 91.8 | 92.4 | 92.5 | 93.1 | 93.4 | 93.5 | 93.7 | 93.8 | 94.0 | 94.2 |
| ≥ 500 | 29.8 | 78.4 | 83.9 | 87.5 | 90.7 | 91.1 | 92.9 | 93.6 | 93.7 | 94.4 | 94.7 | 94.8 | 95.0 | 95.1 | 95.4 | 95.6 |
| ≥ 400 | 29.8 | 78.6 | 84.3 | 88.0 | 91.4 | 91.9 | 93.9 | 94.8 | 94.9 | 95.7 | 96.1 | 96.2 | 96.4 | 96.5 | 96.8 | 97.0 |
| ≥ 300 | 29.8 | 78.7 | 84.4 | 88.3 | 91.7 | 92.3 | 94.5 | 95.6 | 95.8 | 96.7 | 97.1 | 97.2 | 97.5 | 97.7 | 97.9 | 98.2 |
| ≥ 200 | 29.8 | 78.7 | 84.4 | 88.3 | 91.8 | 92.4 | 94.6 | 95.9 | 96.1 | 97.1 | 97.7 | 97.8 | 98.2 | 98.4 | 98.7 | 99.0 |
| ≥ 100 | 29.8 | 78.7 | 84.4 | 88.3 | 91.8 | 92.4 | 94.7 | 95.9 | 96.1 | 97.2 | 97.8 | 97.9 | 98.4 | 98.6 | 99.1 | 99.5 |
| ≥ 0 | 29.8 | 78.7 | 84.4 | 88.3 | 91.8 | 92.4 | 94.7 | 95.9 | 96.1 | 97.2 | 97.8 | 97.9 | 98.4 | 98.6 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21425

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.3 | 57.4 | 59.4 | 60.3 | 60.9 | 60.9 | 61.2 | 61.4 | 61.4 | 61.6 | 61.7 | 61.7 | 61.8 | 61.9 | 62.0 | 62.1 |
| ≥ 20000 | 30.0 | 63.6 | 65.9 | 66.9 | 67.6 | 67.7 | 68.0 | 68.2 | 68.2 | 68.4 | 68.5 | 68.5 | 68.7 | 68.7 | 68.9 | 69.0 |
| ≥ 18000 | 30.2 | 64.2 | 66.4 | 67.5 | 68.1 | 68.2 | 68.5 | 68.7 | 68.8 | 68.9 | 69.1 | 69.1 | 69.2 | 69.3 | 69.4 | 69.5 |
| ≥ 16000 | 30.3 | 64.6 | 66.9 | 67.9 | 68.6 | 68.7 | 69.1 | 69.2 | 69.3 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 | 69.9 | 70.0 |
| ≥ 14000 | 30.9 | 66.0 | 68.3 | 69.4 | 70.1 | 70.2 | 70.5 | 70.7 | 70.7 | 70.9 | 71.0 | 71.1 | 71.2 | 71.2 | 71.4 | 71.5 |
| ≥ 12000 | 31.5 | 68.0 | 70.4 | 71.5 | 72.2 | 72.3 | 72.7 | 72.9 | 72.9 | 73.1 | 73.3 | 73.3 | 73.4 | 73.4 | 73.6 | 73.7 |
| ≥ 10000 | 32.2 | 70.4 | 72.9 | 74.1 | 74.9 | 75.0 | 75.4 | 75.6 | 75.6 | 75.8 | 75.9 | 75.9 | 76.1 | 76.1 | 76.3 | 76.4 |
| ≥ 9000 | 32.4 | 71.2 | 73.8 | 75.0 | 75.8 | 75.9 | 76.2 | 76.4 | 76.5 | 76.7 | 76.8 | 76.8 | 77.0 | 77.0 | 77.2 | 77.3 |
| ≥ 8000 | 32.8 | 72.8 | 75.6 | 76.9 | 77.7 | 77.8 | 78.2 | 78.4 | 78.5 | 78.7 | 78.8 | 78.8 | 79.0 | 79.0 | 79.2 | 79.3 |
| ≥ 7000 | 33.1 | 74.0 | 76.9 | 78.2 | 79.1 | 79.2 | 79.6 | 79.8 | 79.8 | 80.0 | 80.2 | 80.2 | 80.3 | 80.4 | 80.5 | 80.7 |
| ≥ 6000 | 33.4 | 75.0 | 78.1 | 79.5 | 80.4 | 80.5 | 80.9 | 81.2 | 81.2 | 81.4 | 81.6 | 81.6 | 81.7 | 81.8 | 81.9 | 82.1 |
| ≥ 5000 | 33.8 | 76.5 | 79.7 | 81.2 | 82.3 | 82.4 | 82.8 | 83.1 | 83.1 | 83.3 | 83.5 | 83.5 | 83.6 | 83.7 | 83.8 | 84.0 |
| ≥ 4500 | 33.9 | 76.9 | 80.2 | 81.7 | 82.8 | 82.9 | 83.4 | 83.6 | 83.6 | 83.8 | 84.0 | 84.0 | 84.1 | 84.2 | 84.3 | 84.5 |
| ≥ 4000 | 34.3 | 78.1 | 81.5 | 83.1 | 84.2 | 84.3 | 84.8 | 85.0 | 85.1 | 85.3 | 85.5 | 85.5 | 85.6 | 85.7 | 85.8 | 85.9 |
| ≥ 3500 | 34.6 | 79.0 | 82.4 | 84.1 | 85.3 | 85.4 | 85.9 | 86.1 | 86.1 | 86.4 | 86.5 | 86.5 | 86.7 | 86.7 | 86.9 | 87.0 |
| ≥ 3000 | 35.0 | 80.3 | 83.9 | 85.6 | 86.9 | 87.0 | 87.5 | 87.7 | 87.8 | 88.0 | 88.2 | 88.2 | 88.3 | 88.4 | 88.5 | 88.7 |
| ≥ 2500 | 35.3 | 81.1 | 84.9 | 86.7 | 88.0 | 88.1 | 88.6 | 88.9 | 88.9 | 89.1 | 89.3 | 89.3 | 89.4 | 89.5 | 89.6 | 89.8 |
| ≥ 2000 | 35.6 | 82.4 | 86.3 | 88.3 | 89.6 | 89.8 | 90.3 | 90.6 | 90.6 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.4 | 91.5 |
| ≥ 1800 | 35.7 | 82.7 | 86.7 | 88.7 | 90.0 | 90.1 | 90.7 | 91.0 | 91.0 | 91.3 | 91.4 | 91.4 | 91.6 | 91.6 | 91.8 | 91.9 |
| ≥ 1500 | 35.9 | 83.6 | 87.7 | 89.7 | 91.2 | 91.3 | 91.9 | 92.2 | 92.2 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 | 93.0 | 93.2 |
| ≥ 1200 | 36.1 | 84.3 | 88.5 | 90.7 | 92.2 | 92.4 | 93.0 | 93.3 | 93.4 | 93.7 | 93.8 | 93.8 | 94.0 | 94.0 | 94.2 | 94.3 |
| ≥ 1000 | 36.1 | 84.9 | 89.2 | 91.5 | 93.1 | 93.3 | 93.9 | 94.3 | 94.3 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 | 95.2 | 95.3 |
| ≥ 900 | 36.2 | 85.1 | 89.5 | 91.8 | 93.5 | 93.6 | 94.3 | 94.7 | 94.7 | 95.1 | 95.2 | 95.2 | 95.4 | 95.4 | 95.6 | 95.7 |
| ≥ 800 | 36.2 | 85.4 | 89.8 | 92.2 | 94.0 | 94.2 | 94.9 | 95.3 | 95.3 | 95.7 | 95.9 | 95.9 | 96.1 | 96.1 | 96.3 | 96.4 |
| ≥ 700 | 36.2 | 85.6 | 90.2 | 92.6 | 94.4 | 94.6 | 95.4 | 95.8 | 95.9 | 96.2 | 96.4 | 96.4 | 96.6 | 96.7 | 96.8 | 97.0 |
| ≥ 600 | 36.3 | 85.9 | 90.5 | 93.0 | 94.9 | 95.1 | 95.9 | 96.4 | 96.4 | 96.8 | 97.0 | 97.0 | 97.2 | 97.3 | 97.4 | 97.6 |
| ≥ 500 | 36.3 | 86.1 | 90.8 | 93.4 | 95.4 | 95.6 | 96.5 | 97.0 | 97.0 | 97.4 | 97.7 | 97.7 | 97.8 | 97.9 | 98.0 | 98.2 |
| ≥ 400 | 36.3 | 86.1 | 90.9 | 93.5 | 95.6 | 95.9 | 96.9 | 97.4 | 97.4 | 97.9 | 98.1 | 98.1 | 98.3 | 98.3 | 98.5 | 98.6 |
| ≥ 300 | 36.3 | 86.2 | 91.0 | 93.6 | 95.8 | 96.1 | 97.2 | 97.7 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 99.0 | 99.1 |
| ≥ 200 | 36.3 | 86.2 | 91.0 | 93.6 | 95.9 | 96.2 | 97.3 | 97.9 | 98.0 | 98.5 | 98.8 | 98.8 | 99.1 | 99.1 | 99.3 | 99.5 |
| ≥ 100 | 36.3 | 86.2 | 91.0 | 93.7 | 95.9 | 96.2 | 97.3 | 97.9 | 98.0 | 98.6 | 98.9 | 99.0 | 99.2 | 99.3 | 99.6 | 99.8 |
| ≥ 0 | 36.3 | 86.2 | 91.0 | 93.7 | 95.9 | 96.2 | 97.3 | 97.9 | 98.0 | 98.6 | 98.9 | 99.0 | 99.2 | 99.3 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20711

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 26.0 | 56.6 | 59.0 | 60.1 | 61.0 | 61.2 | 61.5 | 61.6 | 61.7 | 61.9 | 62.0 | 62.0 | 62.1 | 62.1 | 62.3 | 62.4 |
| ≥ 20000 | 28.9 | 63.1 | 65.8 | 67.2 | 68.1 | 68.3 | 68.6 | 68.8 | 68.8 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.5 | 69.6 |
| ≥ 18000 | 29.1 | 63.4 | 66.2 | 67.5 | 68.5 | 68.6 | 69.0 | 69.2 | 69.2 | 69.4 | 69.5 | 69.5 | 69.6 | 69.7 | 69.9 | 70.0 |
| ≥ 16000 | 29.2 | 63.6 | 66.4 | 67.8 | 68.8 | 68.9 | 69.3 | 69.4 | 69.5 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 | 70.1 | 70.2 |
| ≥ 14000 | 29.6 | 64.8 | 67.6 | 69.0 | 70.0 | 70.2 | 70.5 | 70.7 | 70.7 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.4 | 71.5 |
| ≥ 12000 | 30.3 | 66.7 | 69.6 | 71.0 | 72.1 | 72.2 | 72.6 | 72.7 | 72.8 | 73.0 | 73.1 | 73.1 | 73.3 | 73.3 | 73.5 | 73.6 |
| ≥ 10000 | 31.0 | 69.1 | 72.1 | 73.6 | 74.7 | 74.8 | 75.2 | 75.4 | 75.4 | 75.7 | 75.8 | 75.8 | 75.9 | 76.0 | 76.1 | 76.3 |
| ≥ 9000 | 31.2 | 69.7 | 72.7 | 74.2 | 75.3 | 75.5 | 75.9 | 76.0 | 76.1 | 76.3 | 76.4 | 76.4 | 76.5 | 76.6 | 76.8 | 76.9 |
| ≥ 8000 | 31.7 | 71.5 | 74.6 | 76.2 | 77.3 | 77.5 | 77.9 | 78.1 | 78.1 | 78.3 | 78.4 | 78.5 | 78.6 | 78.6 | 78.8 | 78.9 |
| ≥ 7000 | 32.1 | 72.7 | 76.0 | 77.6 | 78.8 | 78.9 | 79.3 | 79.5 | 79.5 | 79.8 | 79.9 | 79.9 | 80.0 | 80.1 | 80.3 | 80.4 |
| ≥ 6000 | 32.3 | 73.8 | 77.2 | 78.8 | 80.0 | 80.2 | 80.6 | 80.8 | 80.8 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.5 | 81.6 |
| ≥ 5000 | 32.6 | 75.1 | 78.5 | 80.2 | 81.4 | 81.6 | 82.0 | 82.2 | 82.2 | 82.5 | 82.6 | 82.6 | 82.7 | 82.8 | 83.0 | 83.1 |
| ≥ 4500 | 32.8 | 75.5 | 79.0 | 80.7 | 82.0 | 82.2 | 82.6 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.3 | 83.3 | 83.5 | 83.6 |
| ≥ 4000 | 33.1 | 76.6 | 80.2 | 81.9 | 83.2 | 83.4 | 83.8 | 84.0 | 84.0 | 84.3 | 84.4 | 84.4 | 84.5 | 84.6 | 84.8 | 84.9 |
| ≥ 3500 | 33.5 | 77.5 | 81.2 | 82.9 | 84.3 | 84.4 | 84.9 | 85.1 | 85.1 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.8 | 85.9 |
| ≥ 3000 | 33.8 | 78.7 | 82.5 | 84.3 | 85.7 | 85.9 | 86.3 | 86.5 | 86.5 | 86.8 | 86.9 | 86.9 | 87.0 | 87.1 | 87.3 | 87.4 |
| ≥ 2500 | 34.2 | 79.8 | 83.7 | 85.5 | 87.0 | 87.1 | 87.6 | 87.8 | 87.8 | 88.1 | 88.2 | 88.2 | 88.4 | 88.4 | 88.6 | 88.7 |
| ≥ 2000 | 34.5 | 81.3 | 85.3 | 87.3 | 88.8 | 88.9 | 89.5 | 89.6 | 89.7 | 90.0 | 90.1 | 90.1 | 90.2 | 90.2 | 90.4 | 90.6 |
| ≥ 1800 | 34.6 | 81.7 | 85.8 | 87.8 | 89.2 | 89.4 | 90.0 | 90.1 | 90.2 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.9 | 91.1 |
| ≥ 1500 | 34.8 | 82.7 | 87.0 | 89.0 | 90.6 | 90.8 | 91.3 | 91.6 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.2 | 92.4 | 92.5 |
| ≥ 1200 | 34.9 | 84.0 | 88.4 | 90.6 | 92.2 | 92.4 | 93.1 | 93.3 | 93.3 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 94.1 | 94.2 |
| ≥ 1000 | 35.0 | 84.9 | 89.5 | 91.8 | 93.5 | 93.7 | 94.4 | 94.6 | 94.7 | 95.0 | 95.1 | 95.1 | 95.2 | 95.3 | 95.5 | 95.6 |
| ≥ 900 | 35.0 | 85.1 | 89.9 | 92.3 | 94.0 | 94.2 | 94.9 | 95.1 | 95.2 | 95.5 | 95.6 | 95.6 | 95.7 | 95.8 | 96.0 | 96.1 |
| ≥ 800 | 35.1 | 85.5 | 90.4 | 92.9 | 94.7 | 94.9 | 95.7 | 95.9 | 96.0 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 | 96.8 | 96.9 |
| ≥ 700 | 35.1 | 85.8 | 90.8 | 93.4 | 95.3 | 95.6 | 96.3 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.5 | 97.6 |
| ≥ 600 | 35.1 | 86.0 | 91.1 | 93.9 | 95.8 | 96.1 | 96.9 | 97.2 | 97.2 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 98.1 | 98.2 |
| ≥ 500 | 35.1 | 86.2 | 91.3 | 94.1 | 96.0 | 96.4 | 97.3 | 97.6 | 97.6 | 98.0 | 98.1 | 98.1 | 98.3 | 98.3 | 98.6 | 98.7 |
| ≥ 400 | 35.1 | 86.2 | 91.4 | 94.2 | 96.2 | 96.6 | 97.6 | 97.9 | 98.0 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 99.0 | 99.1 |
| ≥ 300 | 35.1 | 86.2 | 91.5 | 94.3 | 96.4 | 96.7 | 97.7 | 98.1 | 98.2 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.2 | 99.4 |
| ≥ 200 | 35.1 | 86.2 | 91.5 | 94.3 | 96.4 | 96.8 | 97.8 | 98.2 | 98.3 | 98.7 | 98.9 | 98.9 | 99.1 | 99.2 | 99.4 | 99.6 |
| ≥ 100 | 35.1 | 86.2 | 91.5 | 94.3 | 96.4 | 96.8 | 97.8 | 98.2 | 98.3 | 98.7 | 98.9 | 99.0 | 99.1 | 99.2 | 99.5 | 99.7 |
| ≥ 0 | 35.1 | 86.2 | 91.5 | 94.3 | 96.4 | 96.8 | 97.8 | 98.2 | 98.3 | 98.7 | 98.9 | 99.0 | 99.2 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21337

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

SPEEDFLO® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

ALL (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.2 | 53.7 | 56.5 | 57.7 | 58.5 | 58.6 | 58.9 | 59.1 | 59.2 | 59.3 | 59.4 | 59.4 | 59.5 | 59.6 | 59.6 | 59.7 |
| ≥ 20000 | 28.2 | 62.8 | 66.1 | 67.4 | 68.4 | 68.5 | 68.9 | 69.1 | 69.1 | 69.3 | 69.4 | 69.4 | 69.6 | 69.6 | 69.7 | 69.8 |
| ≥ 18000 | 28.4 | 63.3 | 66.6 | 68.0 | 69.0 | 69.0 | 69.4 | 69.6 | 69.7 | 69.8 | 70.0 | 70.0 | 70.1 | 70.1 | 70.2 | 70.3 |
| ≥ 16000 | 28.5 | 63.6 | 66.9 | 68.3 | 69.3 | 69.4 | 69.7 | 70.0 | 70.0 | 70.2 | 70.3 | 70.3 | 70.4 | 70.5 | 70.5 | 70.6 |
| ≥ 14000 | 29.1 | 65.1 | 68.5 | 69.9 | 70.9 | 71.0 | 71.3 | 71.6 | 71.6 | 71.8 | 71.9 | 71.9 | 72.0 | 72.1 | 72.1 | 72.2 |
| ≥ 12000 | 30.0 | 67.6 | 71.1 | 72.6 | 73.7 | 73.8 | 74.1 | 74.4 | 74.4 | 74.6 | 74.7 | 74.7 | 74.8 | 74.9 | 74.9 | 75.0 |
| ≥ 10000 | 30.7 | 70.2 | 74.0 | 75.5 | 76.7 | 76.8 | 77.2 | 77.4 | 77.4 | 77.6 | 77.7 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 |
| ≥ 9000 | 30.9 | 70.8 | 74.6 | 76.2 | 77.4 | 77.5 | 77.9 | 78.1 | 78.2 | 78.3 | 78.4 | 78.5 | 78.6 | 78.6 | 78.7 | 78.8 |
| ≥ 8000 | 31.5 | 72.7 | 76.7 | 78.3 | 79.4 | 79.5 | 80.0 | 80.2 | 80.2 | 80.4 | 80.5 | 80.5 | 80.7 | 80.7 | 80.8 | 80.9 |
| ≥ 7000 | 31.7 | 73.7 | 77.8 | 79.5 | 80.6 | 80.7 | 81.2 | 81.4 | 81.5 | 81.6 | 81.8 | 81.8 | 81.9 | 82.0 | 82.0 | 82.1 |
| ≥ 6000 | 32.0 | 74.5 | 78.6 | 80.3 | 81.6 | 81.7 | 82.1 | 82.4 | 82.4 | 82.6 | 82.7 | 82.7 | 82.9 | 82.9 | 83.0 | 83.1 |
| ≥ 5000 | 32.3 | 75.5 | 79.7 | 81.5 | 82.7 | 82.8 | 83.3 | 83.5 | 83.5 | 83.7 | 83.9 | 83.9 | 84.0 | 84.1 | 84.1 | 84.2 |
| ≥ 4500 | 32.4 | 75.9 | 80.2 | 81.9 | 83.2 | 83.3 | 83.7 | 84.0 | 84.0 | 84.2 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 | 84.7 |
| ≥ 4000 | 32.7 | 76.9 | 81.3 | 83.1 | 84.4 | 84.5 | 85.0 | 85.2 | 85.3 | 85.5 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 |
| ≥ 3500 | 33.1 | 77.7 | 82.1 | 84.0 | 85.3 | 85.4 | 85.9 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.7 | 86.7 | 86.8 |
| ≥ 3000 | 33.7 | 79.1 | 83.7 | 85.6 | 87.0 | 87.1 | 87.6 | 87.9 | 87.9 | 88.1 | 88.2 | 88.2 | 88.4 | 88.4 | 88.5 | 88.6 |
| ≥ 2500 | 34.3 | 80.6 | 85.2 | 87.3 | 88.7 | 88.8 | 89.3 | 89.6 | 89.6 | 89.9 | 90.0 | 90.0 | 90.1 | 90.2 | 90.2 | 90.3 |
| ≥ 2000 | 34.8 | 82.3 | 87.2 | 89.3 | 90.8 | 91.0 | 91.5 | 91.8 | 91.8 | 92.0 | 92.2 | 92.2 | 92.3 | 92.4 | 92.4 | 92.5 |
| ≥ 1800 | 34.9 | 82.7 | 87.6 | 89.8 | 91.3 | 91.4 | 92.0 | 92.3 | 92.3 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 | 92.9 | 93.0 |
| ≥ 1500 | 35.3 | 84.0 | 89.0 | 91.2 | 92.8 | 93.0 | 93.5 | 93.8 | 93.8 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.5 | 94.6 |
| ≥ 1200 | 35.5 | 85.1 | 90.2 | 92.5 | 94.1 | 94.3 | 94.9 | 95.2 | 95.2 | 95.5 | 95.6 | 95.6 | 95.8 | 95.8 | 95.9 | 96.0 |
| ≥ 1000 | 35.6 | 85.7 | 91.0 | 93.3 | 95.0 | 95.2 | 95.9 | 96.2 | 96.2 | 96.5 | 96.6 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 |
| ≥ 900 | 35.6 | 85.9 | 91.2 | 93.5 | 95.2 | 95.4 | 96.1 | 96.4 | 96.5 | 96.7 | 96.9 | 96.9 | 97.0 | 97.1 | 97.1 | 97.2 |
| ≥ 800 | 35.7 | 86.2 | 91.6 | 94.0 | 95.6 | 96.0 | 96.7 | 97.1 | 97.1 | 97.4 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.9 |
| ≥ 700 | 35.7 | 86.4 | 91.9 | 94.4 | 96.2 | 96.5 | 97.2 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.2 | 98.2 | 98.3 | 98.4 |
| ≥ 600 | 35.7 | 86.5 | 92.1 | 94.5 | 96.5 | 96.7 | 97.4 | 97.8 | 97.9 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.6 | 98.7 |
| ≥ 500 | 35.7 | 86.7 | 92.2 | 94.7 | 96.8 | 97.0 | 97.8 | 98.2 | 98.3 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 |
| ≥ 400 | 35.7 | 86.7 | 92.4 | 94.9 | 96.9 | 97.2 | 98.0 | 98.4 | 98.5 | 98.9 | 99.0 | 99.0 | 99.2 | 99.3 | 99.3 | 99.4 |
| ≥ 300 | 35.7 | 86.8 | 92.5 | 95.0 | 97.1 | 97.3 | 98.2 | 98.7 | 98.7 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.7 |
| ≥ 200 | 35.7 | 86.8 | 92.5 | 95.0 | 97.1 | 97.4 | 98.3 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 |
| ≥ 100 | 35.7 | 86.8 | 92.5 | 95.0 | 97.1 | 97.4 | 98.3 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 | 100.0 |
| ≥ 0 | 35.7 | 86.8 | 92.5 | 95.0 | 97.1 | 97.4 | 98.3 | 98.7 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20142

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.5 | 50.5 | 52.8 | 53.8 | 54.4 | 54.4 | 54.6 | 54.6 | 54.7 | 54.7 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 | 54.8 |
| ≥ 20000 | 27.8 | 62.1 | 65.0 | 66.3 | 66.9 | 67.0 | 67.3 | 67.3 | 67.3 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 18000 | 28.1 | 62.6 | 65.5 | 66.8 | 67.5 | 67.6 | 67.8 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 16000 | 28.4 | 63.4 | 66.4 | 67.7 | 68.4 | 68.5 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.0 |
| ≥ 14000 | 29.4 | 65.5 | 68.7 | 70.0 | 70.8 | 70.8 | 71.1 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 12000 | 30.9 | 69.1 | 72.4 | 73.8 | 74.6 | 74.6 | 75.0 | 75.0 | 75.0 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 10000 | 32.4 | 73.4 | 77.0 | 78.5 | 79.3 | 79.4 | 79.8 | 79.8 | 79.8 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 | 80.0 | 80.1 |
| ≥ 9000 | 32.6 | 74.1 | 77.7 | 79.2 | 80.0 | 80.1 | 80.5 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 |
| ≥ 8000 | 33.2 | 75.9 | 79.8 | 81.3 | 82.2 | 82.3 | 82.7 | 82.7 | 82.7 | 82.8 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 7000 | 33.5 | 77.2 | 81.2 | 82.8 | 83.8 | 83.8 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 6000 | 33.7 | 77.8 | 82.0 | 83.6 | 84.6 | 84.7 | 85.1 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 |
| ≥ 5000 | 34.0 | 78.6 | 82.9 | 84.6 | 85.6 | 85.6 | 86.0 | 86.1 | 86.1 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.4 |
| ≥ 4500 | 34.1 | 78.8 | 83.1 | 84.8 | 85.8 | 85.9 | 86.3 | 86.4 | 86.4 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 4000 | 34.5 | 79.9 | 84.3 | 86.0 | 87.1 | 87.2 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 3500 | 34.8 | 80.6 | 85.0 | 86.8 | 87.9 | 88.0 | 88.4 | 88.5 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 |
| ≥ 3000 | 35.4 | 81.9 | 86.5 | 88.4 | 89.5 | 89.6 | 90.0 | 90.1 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 2500 | 35.9 | 83.0 | 87.8 | 89.8 | 90.9 | 91.0 | 91.4 | 91.5 | 91.5 | 91.6 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 36.4 | 84.7 | 89.7 | 91.8 | 92.9 | 93.1 | 93.6 | 93.7 | 93.7 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 | 93.9 |
| ≥ 1800 | 36.5 | 85.0 | 90.0 | 92.1 | 93.3 | 93.4 | 93.9 | 94.0 | 94.1 | 94.2 | 94.2 | 94.2 | 94.3 | 94.3 | 94.3 | 94.3 |
| ≥ 1500 | 36.8 | 85.9 | 91.2 | 93.3 | 94.6 | 94.7 | 95.3 | 95.4 | 95.4 | 95.5 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 37.0 | 86.8 | 92.2 | 94.4 | 95.7 | 95.8 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 1000 | 37.2 | 87.4 | 92.9 | 95.2 | 96.5 | 96.7 | 97.3 | 97.4 | 97.4 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 37.2 | 87.6 | 93.1 | 95.4 | 96.8 | 97.0 | 97.6 | 97.7 | 97.7 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 37.2 | 87.7 | 93.3 | 95.7 | 97.1 | 97.3 | 97.9 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 700 | 37.3 | 87.8 | 93.5 | 95.9 | 97.4 | 97.5 | 98.2 | 98.3 | 98.3 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 37.3 | 87.9 | 93.7 | 96.1 | 97.6 | 97.8 | 98.4 | 98.6 | 98.6 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 37.3 | 88.0 | 93.9 | 96.4 | 97.9 | 98.1 | 98.8 | 98.9 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 400 | 37.3 | 88.1 | 93.9 | 96.4 | 98.0 | 98.2 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 300 | 37.3 | 88.1 | 94.0 | 96.5 | 98.2 | 98.4 | 99.1 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 37.3 | 88.1 | 94.0 | 96.5 | 98.2 | 98.4 | 99.1 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 37.3 | 88.1 | 94.0 | 96.5 | 98.2 | 98.4 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 37.3 | 88.1 | 94.0 | 96.5 | 98.2 | 98.4 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20493

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

SPEEDFLOW® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.2 | 51.6 | 55.0 | 56.8 | 57.7 | 57.9 | 58.3 | 58.5 | 58.5 | 58.7 | 58.8 | 58.8 | 58.9 | 58.9 | 59.0 | 59.1 |
| ≥ 20000 | 25.1 | 60.9 | 64.9 | 66.9 | 67.9 | 68.1 | 68.4 | 68.6 | 68.6 | 68.9 | 69.0 | 69.0 | 69.1 | 69.2 | 69.3 | 69.3 |
| ≤ 18000 | 25.3 | 61.3 | 65.3 | 67.3 | 68.3 | 68.6 | 68.9 | 69.1 | 69.1 | 69.4 | 69.5 | 69.5 | 69.6 | 69.7 | 69.8 | 69.8 |
| ≥ 16000 | 25.4 | 61.7 | 65.8 | 67.8 | 68.8 | 69.1 | 69.4 | 69.6 | 69.6 | 69.9 | 70.0 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 |
| ≥ 14000 | 26.3 | 63.8 | 67.9 | 70.0 | 71.1 | 71.3 | 71.7 | 71.9 | 71.9 | 72.2 | 72.3 | 72.3 | 72.4 | 72.4 | 72.5 | 72.6 |
| ≥ 12000 | 27.5 | 67.1 | 71.3 | 73.5 | 74.6 | 74.9 | 75.3 | 75.5 | 75.5 | 75.8 | 75.9 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 |
| ≤ 10000 | 28.6 | 70.6 | 75.1 | 77.4 | 78.5 | 78.8 | 79.2 | 79.4 | 79.4 | 79.7 | 79.8 | 79.8 | 79.9 | 80.0 | 80.1 | 80.1 |
| ≥ 9000 | 28.9 | 71.3 | 75.8 | 78.1 | 79.3 | 79.6 | 80.0 | 80.1 | 80.2 | 80.4 | 80.5 | 80.6 | 80.7 | 80.7 | 80.9 | 80.9 |
| ≤ 8000 | 29.4 | 73.4 | 78.0 | 80.4 | 81.6 | 81.9 | 82.3 | 82.5 | 82.5 | 82.8 | 82.9 | 82.9 | 83.0 | 83.1 | 83.2 | 83.2 |
| ≥ 7000 | 29.6 | 74.3 | 79.2 | 81.6 | 82.9 | 83.2 | 83.6 | 83.8 | 83.8 | 84.1 | 84.2 | 84.2 | 84.3 | 84.4 | 84.5 | 84.5 |
| ≤ 6000 | 29.8 | 75.1 | 80.0 | 82.5 | 83.8 | 84.0 | 84.5 | 84.7 | 84.7 | 85.0 | 85.1 | 85.1 | 85.3 | 85.3 | 85.4 | 85.5 |
| ≥ 5000 | 30.0 | 75.8 | 80.9 | 83.4 | 84.7 | 85.0 | 85.5 | 85.7 | 85.7 | 86.0 | 86.1 | 86.1 | 86.2 | 86.3 | 86.4 | 86.4 |
| ≤ 4500 | 30.1 | 76.1 | 81.1 | 83.7 | 85.0 | 85.3 | 85.7 | 85.9 | 86.0 | 86.2 | 86.3 | 86.4 | 86.5 | 86.5 | 86.7 | 86.7 |
| ≥ 4000 | 30.4 | 77.1 | 82.2 | 84.8 | 86.2 | 86.5 | 86.9 | 87.1 | 87.2 | 87.4 | 87.6 | 87.6 | 87.7 | 87.8 | 87.9 | 87.9 |
| ≥ 3500 | 30.6 | 77.8 | 82.9 | 85.6 | 86.9 | 87.2 | 87.7 | 87.9 | 88.0 | 88.2 | 88.3 | 88.4 | 88.5 | 88.5 | 88.7 | 88.7 |
| ≥ 3000 | 31.1 | 78.8 | 84.1 | 86.8 | 88.2 | 88.5 | 89.0 | 89.2 | 89.3 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 2500 | 31.6 | 79.9 | 85.2 | 88.0 | 89.4 | 89.7 | 90.3 | 90.5 | 90.5 | 90.8 | 90.9 | 90.9 | 91.1 | 91.1 | 91.2 | 91.3 |
| ≥ 2000 | 32.1 | 81.3 | 86.8 | 89.6 | 91.2 | 91.5 | 92.1 | 92.3 | 92.4 | 92.7 | 92.8 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 |
| ≤ 1800 | 32.2 | 81.6 | 87.2 | 90.1 | 91.6 | 91.9 | 92.5 | 92.8 | 92.8 | 93.1 | 93.2 | 93.2 | 93.4 | 93.4 | 93.5 | 93.6 |
| ≥ 1500 | 32.5 | 82.6 | 88.2 | 91.2 | 92.9 | 93.3 | 93.9 | 94.1 | 94.2 | 94.5 | 94.6 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 |
| ≤ 1200 | 32.7 | 83.3 | 89.1 | 92.2 | 94.0 | 94.3 | 95.0 | 95.3 | 95.3 | 95.7 | 95.8 | 95.8 | 95.9 | 96.0 | 96.1 | 96.2 |
| ≥ 1000 | 32.8 | 83.9 | 89.8 | 93.0 | 94.8 | 95.2 | 95.9 | 96.2 | 96.3 | 96.6 | 96.8 | 96.8 | 96.9 | 97.0 | 97.1 | 97.1 |
| ≤ 900 | 32.8 | 84.0 | 89.9 | 93.2 | 95.1 | 95.4 | 96.2 | 96.5 | 96.5 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.4 | 97.4 |
| ≥ 800 | 32.8 | 84.2 | 90.1 | 93.5 | 95.4 | 95.8 | 96.5 | 96.8 | 96.9 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.8 | 97.8 |
| ≤ 700 | 32.9 | 84.4 | 90.4 | 93.8 | 95.8 | 96.1 | 96.9 | 97.2 | 97.3 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.2 | 98.2 |
| ≥ 600 | 32.9 | 84.5 | 90.7 | 94.1 | 96.2 | 96.5 | 97.4 | 97.7 | 97.8 | 98.2 | 98.3 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 |
| ≤ 500 | 32.9 | 84.6 | 90.8 | 94.2 | 96.4 | 96.8 | 97.7 | 98.1 | 98.1 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 99.0 | 99.1 |
| ≥ 400 | 32.9 | 84.6 | 90.9 | 94.4 | 96.6 | 97.0 | 98.0 | 98.4 | 98.4 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 |
| ≥ 300 | 32.9 | 84.6 | 90.9 | 94.4 | 96.7 | 97.1 | 98.1 | 98.5 | 98.6 | 99.0 | 99.2 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 |
| ≥ 200 | 32.9 | 84.7 | 90.9 | 94.4 | 96.7 | 97.2 | 98.2 | 98.6 | 98.7 | 99.1 | 99.3 | 99.3 | 99.6 | 99.6 | 99.8 | 99.8 |
| ≥ 100 | 32.9 | 84.7 | 90.9 | 94.4 | 96.7 | 97.2 | 98.2 | 98.6 | 98.7 | 99.2 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 32.9 | 84.7 | 90.9 | 94.4 | 96.7 | 97.2 | 98.2 | 98.6 | 98.7 | 99.2 | 99.3 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19976

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

SPEEDFOLD® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 19.3 | 50.9 | 54.4 | 56.2 | 57.4 | 57.6 | 58.1 | 58.3 | 58.4 | 58.6 | 58.7 | 58.8 | 58.9 | 59.0 | 59.2 | 59.3 |
| ≥ 20000 | 22.6 | 58.6 | 62.5 | 64.3 | 65.7 | 65.8 | 66.4 | 66.6 | 66.7 | 66.9 | 67.1 | 67.1 | 67.3 | 67.3 | 67.6 | 67.7 |
| ≥ 18000 | 22.7 | 58.9 | 62.8 | 64.7 | 66.0 | 66.2 | 66.7 | 66.9 | 67.0 | 67.3 | 67.4 | 67.4 | 67.6 | 67.7 | 67.9 | 68.0 |
| ≥ 16000 | 22.8 | 59.2 | 63.1 | 65.0 | 66.4 | 66.6 | 67.1 | 67.3 | 67.4 | 67.7 | 67.8 | 67.8 | 68.0 | 68.0 | 68.3 | 68.4 |
| ≥ 14000 | 23.4 | 60.8 | 64.8 | 66.7 | 68.1 | 68.2 | 68.8 | 69.0 | 69.1 | 69.3 | 69.4 | 69.5 | 69.7 | 69.7 | 70.0 | 70.1 |
| ≥ 12000 | 24.3 | 63.3 | 67.5 | 69.5 | 70.9 | 71.0 | 71.6 | 71.8 | 71.9 | 72.1 | 72.3 | 72.3 | 72.5 | 72.5 | 72.8 | 72.9 |
| ≥ 10000 | 25.1 | 66.4 | 70.9 | 73.0 | 74.5 | 74.6 | 75.2 | 75.4 | 75.5 | 75.8 | 75.9 | 75.9 | 76.1 | 76.2 | 76.4 | 76.6 |
| ≥ 9000 | 25.3 | 67.2 | 71.7 | 73.8 | 75.4 | 75.5 | 76.1 | 76.3 | 76.4 | 76.6 | 76.8 | 76.8 | 77.0 | 77.0 | 77.3 | 77.4 |
| ≥ 8000 | 25.8 | 68.8 | 73.5 | 75.6 | 77.2 | 77.4 | 77.9 | 78.2 | 78.3 | 78.5 | 78.7 | 78.7 | 78.9 | 78.9 | 79.2 | 79.3 |
| ≥ 7000 | 26.0 | 69.8 | 74.6 | 76.8 | 78.4 | 78.6 | 79.2 | 79.4 | 79.5 | 79.8 | 79.9 | 79.9 | 80.1 | 80.2 | 80.4 | 80.6 |
| ≥ 6000 | 26.3 | 70.6 | 75.4 | 77.7 | 79.3 | 79.4 | 80.0 | 80.2 | 80.3 | 80.6 | 80.7 | 80.8 | 81.0 | 81.0 | 81.3 | 81.4 |
| ≥ 5000 | 26.6 | 71.6 | 76.6 | 78.8 | 80.5 | 80.6 | 81.2 | 81.4 | 81.5 | 81.8 | 81.9 | 82.0 | 82.2 | 82.2 | 82.5 | 82.6 |
| ≥ 4500 | 26.7 | 71.7 | 76.8 | 79.1 | 80.7 | 80.9 | 81.5 | 81.7 | 81.8 | 82.1 | 82.2 | 82.3 | 82.5 | 82.5 | 82.8 | 82.9 |
| ≥ 4000 | 27.0 | 72.6 | 77.8 | 80.1 | 81.9 | 82.0 | 82.6 | 82.9 | 83.0 | 83.3 | 83.4 | 83.4 | 83.6 | 83.7 | 83.9 | 84.1 |
| ≥ 3500 | 27.3 | 73.4 | 78.6 | 81.0 | 82.7 | 82.9 | 83.5 | 83.7 | 83.9 | 84.1 | 84.2 | 84.3 | 84.5 | 84.5 | 84.8 | 84.9 |
| ≥ 3000 | 27.7 | 74.8 | 80.1 | 82.6 | 84.3 | 84.5 | 85.1 | 85.4 | 85.5 | 85.8 | 85.9 | 85.9 | 86.2 | 86.2 | 86.4 | 86.6 |
| ≥ 2500 | 28.2 | 75.9 | 81.4 | 83.9 | 85.7 | 85.9 | 86.6 | 86.8 | 87.0 | 87.3 | 87.4 | 87.4 | 87.7 | 87.7 | 88.0 | 88.1 |
| ≥ 2000 | 28.6 | 77.6 | 83.3 | 85.9 | 87.8 | 88.0 | 88.7 | 89.0 | 89.1 | 89.4 | 89.6 | 89.6 | 89.8 | 89.9 | 90.1 | 90.3 |
| ≥ 1800 | 28.7 | 78.0 | 83.8 | 86.4 | 88.3 | 88.5 | 89.2 | 89.5 | 89.6 | 89.9 | 90.1 | 90.1 | 90.3 | 90.4 | 90.6 | 90.8 |
| ≥ 1500 | 29.0 | 79.3 | 85.1 | 87.9 | 89.9 | 90.1 | 90.8 | 91.1 | 91.2 | 91.5 | 91.7 | 91.7 | 91.9 | 91.9 | 92.2 | 92.4 |
| ≥ 1200 | 29.4 | 80.5 | 86.5 | 89.4 | 91.5 | 91.7 | 92.4 | 92.7 | 92.8 | 93.2 | 93.3 | 93.4 | 93.6 | 93.6 | 93.9 | 94.0 |
| ≥ 1000 | 29.5 | 81.2 | 87.4 | 90.3 | 92.5 | 92.8 | 93.6 | 93.9 | 94.0 | 94.4 | 94.6 | 94.6 | 94.8 | 94.9 | 95.1 | 95.3 |
| ≥ 900 | 29.5 | 81.5 | 87.7 | 90.7 | 93.0 | 93.2 | 94.0 | 94.4 | 94.5 | 94.9 | 95.0 | 95.0 | 95.3 | 95.3 | 95.6 | 95.7 |
| ≥ 800 | 29.6 | 81.8 | 88.1 | 91.2 | 93.5 | 93.8 | 94.7 | 95.0 | 95.1 | 95.5 | 95.7 | 95.7 | 96.0 | 96.0 | 96.2 | 96.4 |
| ≥ 700 | 29.6 | 82.1 | 88.5 | 91.6 | 94.1 | 94.3 | 95.2 | 95.6 | 95.7 | 96.1 | 96.3 | 96.3 | 96.6 | 96.6 | 96.9 | 97.0 |
| ≥ 600 | 29.7 | 82.4 | 88.9 | 92.1 | 94.6 | 94.8 | 95.8 | 96.2 | 96.3 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.5 | 97.7 |
| ≥ 500 | 29.7 | 82.7 | 89.3 | 92.6 | 95.2 | 95.5 | 96.6 | 97.1 | 97.2 | 97.6 | 97.8 | 97.9 | 98.1 | 98.2 | 98.4 | 98.6 |
| ≥ 400 | 29.7 | 82.7 | 89.4 | 92.7 | 95.5 | 95.8 | 97.0 | 97.4 | 97.6 | 98.1 | 98.3 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 |
| ≥ 300 | 29.7 | 82.8 | 89.5 | 92.8 | 95.6 | 95.9 | 97.1 | 97.6 | 97.8 | 98.3 | 98.6 | 98.6 | 98.9 | 99.0 | 99.2 | 99.4 |
| ≥ 200 | 29.7 | 82.8 | 89.5 | 92.9 | 95.7 | 96.0 | 97.2 | 97.8 | 97.9 | 98.5 | 98.7 | 98.8 | 99.1 | 99.1 | 99.5 | 99.6 |
| ≥ 100 | 29.7 | 82.8 | 89.5 | 92.9 | 95.7 | 96.0 | 97.2 | 97.8 | 98.0 | 98.5 | 98.8 | 98.8 | 99.2 | 99.2 | 99.6 | 99.8 |
| ≥ 0 | 29.7 | 82.8 | 89.5 | 92.9 | 95.7 | 96.0 | 97.2 | 97.8 | 98.0 | 98.5 | 98.8 | 98.8 | 99.2 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 19832

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.2 | 54.2 | 58.0 | 60.0 | 61.4 | 61.6 | 62.3 | 62.6 | 62.7 | 63.1 | 63.3 | 63.3 | 63.5 | 63.5 | 63.7 | 63.9 |
| ≥ 20000 | 22.9 | 59.0 | 63.1 | 65.2 | 66.8 | 67.0 | 67.7 | 68.0 | 68.1 | 68.5 | 68.7 | 68.7 | 68.9 | 69.0 | 69.1 | 69.3 |
| ≥ 18000 | 23.0 | 59.3 | 63.3 | 65.5 | 67.1 | 67.3 | 68.0 | 68.3 | 68.4 | 68.8 | 69.0 | 69.0 | 69.2 | 69.3 | 69.4 | 69.6 |
| > 16000 | 23.0 | 59.5 | 63.6 | 65.8 | 67.3 | 67.5 | 68.3 | 68.5 | 68.6 | 69.0 | 69.2 | 69.2 | 69.5 | 69.5 | 69.7 | 69.9 |
| ≥ 14000 | 23.5 | 60.5 | 64.7 | 66.9 | 68.4 | 68.6 | 69.4 | 69.7 | 69.7 | 70.2 | 70.4 | 70.4 | 70.6 | 70.7 | 70.8 | 71.0 |
| > 12000 | 24.0 | 62.3 | 66.6 | 68.8 | 70.4 | 70.6 | 71.4 | 71.7 | 71.7 | 72.2 | 72.4 | 72.4 | 72.6 | 72.7 | 72.9 | 73.0 |
| ≥ 10000 | 24.7 | 65.6 | 69.3 | 71.7 | 73.4 | 73.6 | 74.3 | 74.6 | 74.7 | 75.2 | 75.4 | 75.4 | 75.6 | 75.7 | 75.8 | 76.0 |
| ≥ 9000 | 24.9 | 65.7 | 70.1 | 72.4 | 74.1 | 74.3 | 75.1 | 75.4 | 75.5 | 75.9 | 76.1 | 76.1 | 76.3 | 76.4 | 76.6 | 76.8 |
| ≥ 8000 | 25.2 | 67.3 | 71.8 | 74.2 | 75.9 | 76.2 | 76.9 | 77.2 | 77.3 | 77.8 | 78.0 | 78.0 | 78.2 | 78.3 | 78.4 | 78.6 |
| ≥ 7000 | 25.5 | 68.6 | 73.2 | 75.7 | 77.5 | 77.7 | 78.4 | 78.7 | 78.8 | 79.3 | 79.5 | 79.5 | 79.7 | 79.8 | 79.9 | 80.1 |
| ≥ 6000 | 25.7 | 69.7 | 74.4 | 76.9 | 78.7 | 78.9 | 79.6 | 79.9 | 80.0 | 80.5 | 80.7 | 80.7 | 80.9 | 81.0 | 81.2 | 81.3 |
| > 5000 | 26.0 | 71.3 | 76.0 | 78.6 | 80.4 | 80.6 | 81.4 | 81.7 | 81.8 | 82.2 | 82.4 | 82.4 | 82.7 | 82.7 | 82.9 | 83.1 |
| ≥ 4500 | 26.2 | 71.7 | 76.6 | 79.1 | 80.9 | 81.2 | 81.9 | 82.2 | 82.3 | 82.8 | 83.0 | 83.0 | 83.2 | 83.3 | 83.4 | 83.6 |
| > 4000 | 26.4 | 72.8 | 77.8 | 80.4 | 82.2 | 82.5 | 83.3 | 83.6 | 83.7 | 84.1 | 84.4 | 84.4 | 84.6 | 84.6 | 84.8 | 85.0 |
| ≥ 3500 | 26.6 | 73.6 | 78.6 | 81.2 | 83.1 | 83.4 | 84.2 | 84.5 | 84.6 | 85.0 | 85.2 | 85.2 | 85.4 | 85.5 | 85.7 | 85.9 |
| > 3000 | 26.8 | 74.6 | 79.7 | 82.4 | 84.3 | 84.6 | 85.4 | 85.7 | 85.8 | 86.2 | 86.5 | 86.5 | 86.7 | 86.7 | 86.9 | 87.1 |
| ≥ 2500 | 27.1 | 75.4 | 80.6 | 83.3 | 85.3 | 85.6 | 86.4 | 86.7 | 86.8 | 87.3 | 87.5 | 87.5 | 87.7 | 87.8 | 87.9 | 88.1 |
| ≥ 2000 | 27.4 | 77.0 | 82.3 | 85.1 | 87.2 | 87.5 | 88.3 | 88.6 | 88.7 | 89.2 | 89.4 | 89.4 | 89.6 | 89.7 | 89.9 | 90.1 |
| ≥ 1800 | 27.5 | 77.3 | 82.7 | 85.5 | 87.6 | 87.9 | 88.7 | 89.0 | 89.1 | 89.6 | 89.8 | 89.8 | 90.0 | 90.1 | 90.3 | 90.5 |
| ≥ 1500 | 27.7 | 78.3 | 83.8 | 86.7 | 88.9 | 89.2 | 90.1 | 90.4 | 90.5 | 90.9 | 91.2 | 91.2 | 91.4 | 91.5 | 91.6 | 91.8 |
| ≥ 1200 | 27.8 | 79.4 | 85.2 | 88.1 | 90.4 | 90.7 | 91.6 | 91.9 | 92.0 | 92.5 | 92.8 | 92.8 | 93.0 | 93.1 | 93.2 | 93.4 |
| ≥ 1000 | 28.0 | 80.3 | 86.2 | 89.4 | 91.7 | 92.1 | 93.0 | 93.4 | 93.4 | 93.9 | 94.2 | 94.2 | 94.4 | 94.5 | 94.6 | 94.8 |
| ≥ 900 | 28.0 | 80.5 | 86.5 | 89.7 | 92.1 | 92.4 | 93.4 | 93.8 | 93.9 | 94.3 | 94.6 | 94.6 | 94.8 | 94.9 | 95.1 | 95.3 |
| ≥ 800 | 28.0 | 80.9 | 86.9 | 90.3 | 92.7 | 93.0 | 94.0 | 94.4 | 94.5 | 95.0 | 95.2 | 95.2 | 95.5 | 95.5 | 95.7 | 95.9 |
| ≥ 700 | 28.1 | 81.2 | 87.3 | 90.8 | 93.3 | 93.6 | 94.7 | 95.1 | 95.2 | 95.7 | 96.0 | 96.0 | 96.2 | 96.3 | 96.5 | 96.7 |
| ≥ 600 | 28.1 | 81.5 | 87.7 | 91.2 | 93.9 | 94.2 | 95.4 | 95.8 | 95.9 | 96.4 | 96.6 | 96.7 | 96.9 | 97.0 | 97.1 | 97.3 |
| ≥ 500 | 28.1 | 81.8 | 88.2 | 91.7 | 94.4 | 94.8 | 96.1 | 96.6 | 96.7 | 97.3 | 97.5 | 97.5 | 97.7 | 97.8 | 98.0 | 98.2 |
| ≥ 400 | 28.1 | 81.9 | 88.3 | 91.9 | 94.7 | 95.1 | 96.5 | 97.0 | 97.1 | 97.7 | 97.9 | 97.9 | 98.2 | 98.3 | 98.4 | 98.7 |
| ≥ 300 | 28.1 | 81.9 | 88.4 | 92.1 | 95.0 | 95.4 | 96.9 | 97.4 | 97.5 | 98.1 | 98.4 | 98.4 | 98.6 | 98.7 | 98.9 | 99.1 |
| ≥ 200 | 28.1 | 82.0 | 88.5 | 92.1 | 95.0 | 95.5 | 97.0 | 97.6 | 97.7 | 98.4 | 98.7 | 98.7 | 99.0 | 99.1 | 99.3 | 99.5 |
| ≥ 100 | 28.1 | 82.0 | 88.5 | 92.1 | 95.1 | 95.5 | 97.0 | 97.6 | 97.7 | 98.4 | 98.8 | 98.8 | 99.1 | 99.2 | 99.5 | 99.8 |
| ≥ 0 | 28.1 | 82.0 | 88.5 | 92.1 | 95.1 | 95.5 | 97.0 | 97.6 | 97.7 | 98.4 | 98.8 | 98.8 | 99.1 | 99.2 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20512

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

ALL (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1¾ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.2 | 56.8 | 59.6 | 61.4 | 62.8 | 63.0 | 63.9 | 64.2 | 64.2 | 64.7 | 65.0 | 65.1 | 65.3 | 65.4 | 65.8 | 66.2 |
| ≥ 20000 | 24.0 | 61.9 | 64.9 | 66.9 | 68.4 | 68.6 | 69.6 | 69.8 | 69.9 | 70.4 | 70.7 | 70.8 | 71.1 | 71.2 | 71.6 | 72.0 |
| ≥ 18000 | 24.0 | 62.2 | 65.2 | 67.2 | 68.7 | 68.9 | 69.9 | 70.2 | 70.2 | 70.7 | 71.0 | 71.1 | 71.4 | 71.5 | 71.9 | 72.3 |
| ≥ 16000 | 24.1 | 62.4 | 65.5 | 67.5 | 69.0 | 69.2 | 70.1 | 70.4 | 70.4 | 70.9 | 71.3 | 71.3 | 71.6 | 71.7 | 72.1 | 72.5 |
| ≥ 14000 | 24.3 | 63.4 | 66.5 | 68.5 | 70.0 | 70.3 | 71.2 | 71.5 | 71.5 | 72.0 | 72.4 | 72.4 | 72.7 | 72.8 | 73.2 | 73.6 |
| ≥ 12000 | 24.9 | 65.2 | 68.4 | 70.5 | 72.0 | 72.2 | 73.2 | 73.5 | 73.5 | 74.0 | 74.4 | 74.4 | 74.8 | 74.8 | 75.2 | 75.7 |
| ≥ 10000 | 25.3 | 67.3 | 70.6 | 72.7 | 74.3 | 74.5 | 75.5 | 75.8 | 75.9 | 76.4 | 76.7 | 76.8 | 77.1 | 77.2 | 77.6 | 78.0 |
| ≥ 9000 | 25.5 | 68.0 | 71.3 | 73.5 | 75.1 | 75.3 | 76.3 | 76.6 | 76.6 | 77.2 | 77.5 | 77.5 | 77.9 | 78.0 | 78.4 | 78.8 |
| ≥ 8000 | 25.9 | 69.6 | 73.1 | 75.3 | 76.9 | 77.2 | 78.2 | 78.5 | 78.5 | 79.1 | 79.4 | 79.5 | 79.8 | 79.9 | 80.3 | 80.7 |
| ≥ 7000 | 26.1 | 70.9 | 74.4 | 76.7 | 78.3 | 78.5 | 79.6 | 79.9 | 80.0 | 80.5 | 80.9 | 80.9 | 81.2 | 81.3 | 81.7 | 82.2 |
| ≥ 6000 | 26.3 | 72.0 | 75.7 | 77.9 | 79.6 | 79.8 | 80.9 | 81.2 | 81.3 | 81.8 | 82.2 | 82.2 | 82.6 | 82.7 | 83.1 | 83.5 |
| ≥ 5000 | 26.8 | 73.5 | 77.3 | 79.6 | 81.3 | 81.5 | 82.6 | 82.9 | 83.0 | 83.6 | 83.9 | 84.0 | 84.3 | 84.4 | 84.8 | 85.3 |
| ≥ 4500 | 26.9 | 73.9 | 77.7 | 80.0 | 81.8 | 82.0 | 83.1 | 83.4 | 83.5 | 84.1 | 84.4 | 84.5 | 84.8 | 84.9 | 85.3 | 85.8 |
| ≥ 4000 | 27.2 | 75.2 | 79.1 | 81.5 | 83.3 | 83.5 | 84.6 | 85.0 | 85.0 | 85.6 | 86.0 | 86.0 | 86.4 | 86.5 | 86.9 | 87.4 |
| ≥ 3500 | 27.4 | 76.0 | 80.0 | 82.5 | 84.3 | 84.5 | 85.6 | 86.0 | 86.0 | 86.6 | 87.0 | 87.0 | 87.4 | 87.5 | 87.9 | 88.4 |
| ≥ 3000 | 27.6 | 77.0 | 81.0 | 83.5 | 85.4 | 85.6 | 86.8 | 87.1 | 87.2 | 87.8 | 88.2 | 88.2 | 88.6 | 88.7 | 89.1 | 89.5 |
| ≥ 2500 | 27.7 | 77.7 | 81.8 | 84.3 | 86.2 | 86.5 | 87.6 | 88.0 | 88.1 | 88.6 | 89.0 | 89.1 | 89.4 | 89.5 | 89.9 | 90.4 |
| ≥ 2000 | 27.9 | 78.6 | 82.8 | 85.4 | 87.4 | 87.7 | 88.8 | 89.2 | 89.3 | 89.9 | 90.3 | 90.3 | 90.7 | 90.8 | 91.2 | 91.7 |
| ≥ 1800 | 28.0 | 78.9 | 83.1 | 85.8 | 87.7 | 88.0 | 89.2 | 89.6 | 89.7 | 90.3 | 90.7 | 90.7 | 91.1 | 91.2 | 91.6 | 92.1 |
| ≥ 1500 | 28.2 | 79.6 | 83.9 | 86.6 | 88.6 | 88.9 | 90.2 | 90.6 | 90.7 | 91.3 | 91.7 | 91.7 | 92.1 | 92.2 | 92.6 | 93.1 |
| ≥ 1200 | 28.3 | 80.3 | 84.7 | 87.5 | 89.6 | 89.9 | 91.2 | 91.6 | 91.7 | 92.3 | 92.8 | 92.8 | 93.2 | 93.3 | 93.7 | 94.2 |
| ≥ 1000 | 28.4 | 81.0 | 85.5 | 88.4 | 90.6 | 90.9 | 92.2 | 92.6 | 92.7 | 93.4 | 93.8 | 93.8 | 94.2 | 94.3 | 94.7 | 95.2 |
| ≥ 900 | 23.4 | 81.2 | 85.8 | 88.7 | 90.9 | 91.2 | 92.6 | 93.0 | 93.1 | 93.8 | 94.2 | 94.2 | 94.6 | 94.7 | 95.1 | 95.6 |
| ≥ 800 | 28.5 | 81.6 | 86.3 | 89.3 | 91.5 | 91.9 | 93.2 | 93.7 | 93.8 | 94.4 | 94.9 | 94.9 | 95.3 | 95.4 | 95.8 | 96.3 |
| ≥ 700 | 28.5 | 81.8 | 86.6 | 89.6 | 91.9 | 92.3 | 93.7 | 94.1 | 94.2 | 94.9 | 95.4 | 95.4 | 95.8 | 95.9 | 96.3 | 96.8 |
| ≥ 600 | 28.5 | 82.1 | 86.9 | 90.1 | 92.4 | 92.8 | 94.2 | 94.7 | 94.8 | 95.5 | 96.0 | 96.1 | 96.4 | 96.5 | 97.0 | 97.5 |
| ≥ 500 | 28.5 | 82.3 | 87.2 | 90.5 | 93.0 | 93.4 | 94.9 | 95.4 | 95.5 | 96.2 | 96.7 | 96.8 | 97.1 | 97.3 | 97.7 | 98.2 |
| ≥ 400 | 28.5 | 82.4 | 87.4 | 90.7 | 93.2 | 93.6 | 95.1 | 95.7 | 95.8 | 96.6 | 97.1 | 97.1 | 97.5 | 97.6 | 98.1 | 98.6 |
| ≥ 300 | 28.5 | 82.5 | 87.5 | 90.8 | 93.4 | 93.8 | 95.4 | 96.0 | 96.1 | 97.0 | 97.5 | 97.6 | 98.0 | 98.1 | 98.5 | 99.1 |
| ≥ 200 | 28.5 | 82.5 | 87.5 | 90.8 | 93.5 | 93.9 | 95.6 | 96.2 | 96.3 | 97.3 | 97.8 | 97.9 | 98.3 | 98.5 | 98.9 | 99.5 |
| ≥ 100 | 28.5 | 82.5 | 87.5 | 90.8 | 93.5 | 93.9 | 95.6 | 96.2 | 96.3 | 97.3 | 97.9 | 98.0 | 98.4 | 98.6 | 99.1 | 99.8 |
| ≥ 0 | 28.5 | 82.5 | 87.5 | 90.8 | 93.5 | 93.9 | 95.6 | 96.2 | 96.3 | 97.3 | 97.9 | 98.0 | 98.5 | 98.6 | 99.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 20559

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

ALL (HOURS L.S.T.)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.6 | 51.0 | 53.1 | 54.4 | 55.6 | 55.7 | 56.3 | 56.5 | 56.5 | 56.8 | 56.9 | 57.0 | 57.2 | 57.3 | 57.6 | 58.1 |
| ≥ 20000 | 22.8 | 56.2 | 58.6 | 60.1 | 61.3 | 61.5 | 62.1 | 62.3 | 62.3 | 62.6 | 62.7 | 62.7 | 63.0 | 63.1 | 63.4 | 63.9 |
| ≥ 18000 | 23.0 | 56.7 | 59.1 | 60.6 | 61.9 | 62.0 | 62.6 | 62.8 | 62.9 | 63.1 | 63.3 | 63.3 | 63.6 | 63.7 | 64.0 | 64.5 |
| ≥ 16000 | 23.0 | 56.9 | 59.4 | 60.9 | 62.1 | 62.3 | 62.9 | 63.1 | 63.1 | 63.4 | 63.6 | 63.6 | 63.8 | 64.0 | 64.3 | 64.7 |
| ≥ 14000 | 23.4 | 58.0 | 60.5 | 62.0 | 63.3 | 63.5 | 64.1 | 64.3 | 64.3 | 64.6 | 64.8 | 64.8 | 65.0 | 65.2 | 65.5 | 65.9 |
| ≥ 12000 | 23.9 | 59.5 | 62.2 | 63.8 | 65.2 | 65.3 | 65.9 | 66.1 | 66.2 | 66.4 | 66.6 | 66.6 | 66.9 | 67.0 | 67.3 | 67.8 |
| ≥ 10000 | 24.6 | 61.9 | 64.8 | 66.4 | 67.8 | 68.0 | 68.6 | 68.8 | 68.9 | 69.1 | 69.3 | 69.3 | 69.6 | 69.7 | 70.0 | 70.5 |
| ≥ 9000 | 24.8 | 62.7 | 65.6 | 67.3 | 68.7 | 68.9 | 69.5 | 69.7 | 69.8 | 70.0 | 70.2 | 70.2 | 70.5 | 70.7 | 71.0 | 71.5 |
| ≥ 8000 | 25.2 | 64.4 | 67.5 | 69.3 | 70.8 | 71.0 | 71.7 | 71.9 | 72.0 | 72.3 | 72.5 | 72.5 | 72.8 | 72.9 | 73.2 | 73.7 |
| ≥ 7000 | 25.4 | 65.9 | 69.2 | 71.1 | 72.7 | 72.9 | 73.6 | 73.9 | 73.9 | 74.2 | 74.4 | 74.4 | 74.7 | 74.8 | 75.2 | 75.6 |
| ≥ 6000 | 25.8 | 67.3 | 70.7 | 72.7 | 74.4 | 74.6 | 75.3 | 75.6 | 75.6 | 75.9 | 76.1 | 76.2 | 76.4 | 76.6 | 76.9 | 77.4 |
| ≥ 5000 | 26.3 | 68.8 | 72.4 | 74.4 | 76.3 | 76.5 | 77.2 | 77.5 | 77.6 | 77.9 | 78.1 | 78.1 | 78.4 | 78.5 | 78.9 | 79.4 |
| ≥ 4500 | 26.3 | 69.3 | 72.9 | 74.9 | 76.8 | 77.0 | 77.8 | 78.1 | 78.1 | 78.4 | 78.6 | 78.6 | 78.9 | 79.1 | 79.4 | 79.9 |
| ≥ 4000 | 26.6 | 70.4 | 74.2 | 76.4 | 78.3 | 78.5 | 79.3 | 79.6 | 79.6 | 79.9 | 80.2 | 80.2 | 80.5 | 80.6 | 80.9 | 81.4 |
| ≥ 3500 | 26.9 | 71.4 | 75.2 | 77.4 | 79.4 | 79.7 | 80.4 | 80.7 | 80.8 | 81.1 | 81.4 | 81.4 | 81.7 | 81.8 | 82.1 | 82.6 |
| ≥ 3000 | 27.1 | 72.4 | 76.4 | 78.7 | 80.7 | 81.0 | 81.8 | 82.1 | 82.2 | 82.5 | 82.8 | 82.8 | 83.1 | 83.2 | 83.6 | 84.0 |
| ≥ 2500 | 27.2 | 73.3 | 77.4 | 79.8 | 81.9 | 82.2 | 83.1 | 83.4 | 83.5 | 83.8 | 84.1 | 84.1 | 84.4 | 84.5 | 84.9 | 85.3 |
| ≥ 2000 | 27.4 | 74.4 | 78.6 | 81.1 | 83.4 | 83.7 | 84.6 | 85.0 | 85.0 | 85.4 | 85.7 | 85.7 | 86.0 | 86.1 | 86.5 | 87.0 |
| ≥ 1800 | 27.5 | 74.7 | 78.9 | 81.5 | 83.8 | 84.1 | 85.0 | 85.4 | 85.4 | 85.8 | 86.1 | 86.1 | 86.4 | 86.6 | 86.9 | 87.4 |
| ≥ 1500 | 27.6 | 75.5 | 79.8 | 82.4 | 84.8 | 85.1 | 86.1 | 86.5 | 86.6 | 87.0 | 87.3 | 87.3 | 87.6 | 87.7 | 88.1 | 88.6 |
| ≥ 1200 | 27.7 | 76.3 | 80.8 | 83.5 | 86.0 | 86.3 | 87.4 | 87.8 | 87.9 | 88.3 | 88.6 | 88.6 | 89.0 | 89.1 | 89.4 | 89.9 |
| ≥ 1000 | 27.8 | 77.0 | 81.7 | 84.5 | 87.1 | 87.5 | 88.7 | 89.1 | 89.2 | 89.7 | 90.0 | 90.0 | 90.4 | 90.5 | 90.9 | 91.4 |
| ≥ 900 | 27.8 | 77.3 | 82.0 | 84.9 | 87.7 | 88.0 | 89.3 | 89.7 | 89.8 | 90.3 | 90.6 | 90.6 | 91.0 | 91.1 | 91.5 | 92.0 |
| ≥ 800 | 27.8 | 77.7 | 82.5 | 85.5 | 88.4 | 88.7 | 90.1 | 90.6 | 90.7 | 91.3 | 91.5 | 91.6 | 91.9 | 92.1 | 92.4 | 92.9 |
| ≥ 700 | 27.9 | 77.9 | 82.8 | 85.9 | 89.0 | 89.3 | 90.7 | 91.3 | 91.3 | 92.0 | 92.3 | 92.3 | 92.6 | 92.8 | 93.1 | 93.6 |
| ≥ 600 | 27.9 | 78.2 | 83.3 | 86.5 | 89.8 | 90.2 | 91.7 | 92.3 | 92.4 | 93.0 | 93.4 | 93.4 | 93.8 | 93.9 | 94.3 | 94.8 |
| ≥ 500 | 27.9 | 78.4 | 83.6 | 87.1 | 90.5 | 90.9 | 92.5 | 93.1 | 93.2 | 93.9 | 94.3 | 94.3 | 94.7 | 94.9 | 95.2 | 95.7 |
| ≥ 400 | 27.9 | 78.5 | 83.8 | 87.4 | 91.0 | 91.5 | 93.3 | 94.1 | 94.2 | 95.0 | 95.4 | 95.4 | 95.8 | 96.0 | 96.4 | 96.9 |
| ≥ 300 | 27.9 | 78.5 | 83.9 | 87.6 | 91.3 | 91.8 | 93.8 | 94.7 | 94.9 | 95.8 | 96.2 | 96.2 | 96.7 | 96.9 | 97.3 | 97.9 |
| ≥ 200 | 27.9 | 78.5 | 83.9 | 87.6 | 91.4 | 92.0 | 94.0 | 95.0 | 95.2 | 96.2 | 96.7 | 96.7 | 97.3 | 97.5 | 98.0 | 98.6 |
| ≥ 100 | 27.9 | 78.5 | 83.9 | 87.6 | 91.5 | 92.0 | 94.0 | 95.0 | 95.3 | 96.3 | 96.9 | 96.9 | 97.6 | 97.9 | 98.6 | 99.3 |
| ≥ 0 | 27.9 | 78.5 | 83.9 | 87.6 | 91.5 | 92.0 | 94.0 | 95.0 | 95.3 | 96.4 | 96.9 | 97.0 | 97.7 | 98.0 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 21258

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

# CEILING VERSUS VISIBILITY

AIR WEATHER SERVICE/MAC

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

0000-0200 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 14.6 | 46.0 | 48.4 | 50.5 | 52.0 | 52.2 | 53.3 | 53.6 | 53.6 | 54.0 | 54.3 | 54.3 | 55.1 | 55.2 | 55.5 | 55.9 |
| ≥ 20000 | 15.6 | 49.0 | 51.8 | 53.9 | 55.5 | 55.7 | 56.9 | 57.2 | 57.2 | 57.5 | 57.8 | 57.8 | 58.7 | 58.7 | 59.0 | 59.4 |
| ≥ 18000 | 15.6 | 49.2 | 52.1 | 54.2 | 55.7 | 56.0 | 57.1 | 57.4 | 57.4 | 57.8 | 58.0 | 58.1 | 58.9 | 59.0 | 59.2 | 59.7 |
| ≥ 16000 | 15.6 | 49.7 | 52.6 | 54.7 | 56.3 | 56.5 | 57.6 | 57.9 | 57.9 | 58.3 | 58.5 | 58.6 | 59.4 | 59.5 | 59.7 | 60.2 |
| ≥ 14000 | 15.9 | 50.1 | 54.0 | 56.3 | 57.8 | 58.1 | 59.2 | 59.5 | 59.5 | 59.9 | 60.1 | 60.2 | 61.0 | 61.1 | 61.3 | 61.8 |
| ≥ 12000 | 16.2 | 52.8 | 55.8 | 58.1 | 59.7 | 59.9 | 61.1 | 61.4 | 61.4 | 61.7 | 62.0 | 62.0 | 62.9 | 62.9 | 63.2 | 63.6 |
| ≥ 10000 | 16.6 | 55.1 | 58.2 | 60.4 | 62.0 | 62.3 | 63.4 | 63.7 | 63.7 | 64.1 | 64.4 | 64.4 | 65.2 | 65.3 | 65.6 | 66.0 |
| ≥ 9000 | 16.6 | 55.4 | 58.5 | 60.8 | 62.4 | 62.6 | 63.8 | 64.1 | 64.1 | 64.5 | 64.7 | 64.8 | 65.6 | 65.7 | 65.9 | 66.4 |
| ≥ 8000 | 16.9 | 56.6 | 59.9 | 62.3 | 64.0 | 64.2 | 65.4 | 65.7 | 65.7 | 66.1 | 66.4 | 66.4 | 67.2 | 67.3 | 67.6 | 68.0 |
| ≥ 7000 | 17.3 | 58.1 | 61.8 | 64.1 | 65.9 | 66.2 | 67.3 | 67.7 | 67.7 | 68.1 | 68.4 | 68.4 | 69.2 | 69.3 | 69.6 | 70.0 |
| ≥ 6000 | 17.6 | 60.6 | 64.5 | 67.1 | 68.9 | 69.1 | 70.3 | 70.7 | 70.7 | 71.1 | 71.4 | 71.4 | 72.2 | 72.3 | 72.6 | 73.0 |
| ≥ 5000 | 18.0 | 62.3 | 66.5 | 69.2 | 71.1 | 71.3 | 72.6 | 72.9 | 72.9 | 73.4 | 73.6 | 73.7 | 74.5 | 74.6 | 74.9 | 75.3 |
| ≥ 4500 | 18.2 | 62.7 | 66.9 | 69.6 | 71.6 | 71.9 | 73.1 | 73.5 | 73.5 | 74.0 | 74.2 | 74.3 | 75.1 | 75.2 | 75.4 | 75.9 |
| ≥ 4000 | 18.4 | 63.7 | 68.0 | 70.8 | 73.0 | 73.2 | 74.6 | 75.0 | 75.0 | 75.4 | 75.7 | 75.7 | 76.6 | 76.7 | 76.9 | 77.4 |
| ≥ 3500 | 18.4 | 64.5 | 68.9 | 71.8 | 74.0 | 74.3 | 75.6 | 76.1 | 76.1 | 76.5 | 76.8 | 76.8 | 77.7 | 77.7 | 78.0 | 78.5 |
| ≥ 3000 | 18.4 | 65.6 | 70.0 | 73.0 | 75.3 | 75.5 | 76.9 | 77.4 | 77.4 | 77.8 | 78.0 | 78.1 | 78.9 | 79.0 | 79.3 | 79.8 |
| ≥ 2500 | 18.5 | 65.9 | 70.6 | 73.8 | 76.2 | 76.4 | 77.7 | 78.2 | 78.2 | 78.6 | 78.9 | 79.0 | 79.9 | 80.0 | 80.2 | 80.8 |
| ≥ 2000 | 18.6 | 66.9 | 71.9 | 75.3 | 77.8 | 78.0 | 79.5 | 80.0 | 80.0 | 80.4 | 80.7 | 80.8 | 81.7 | 81.8 | 82.0 | 82.6 |
| ≥ 1800 | 18.6 | 67.3 | 72.4 | 75.8 | 78.2 | 78.4 | 80.0 | 80.5 | 80.5 | 80.9 | 81.2 | 81.3 | 82.2 | 82.3 | 82.5 | 83.1 |
| ≥ 1500 | 18.7 | 68.0 | 73.3 | 76.7 | 79.3 | 79.5 | 81.1 | 81.6 | 81.6 | 82.0 | 82.3 | 82.4 | 83.3 | 83.4 | 83.7 | 84.2 |
| ≥ 1200 | 18.7 | 69.0 | 74.3 | 77.8 | 80.5 | 80.7 | 82.4 | 82.9 | 82.9 | 83.4 | 83.7 | 83.7 | 84.7 | 84.8 | 85.0 | 85.6 |
| ≥ 1000 | 18.7 | 70.1 | 75.7 | 79.5 | 82.3 | 82.6 | 84.3 | 84.8 | 84.8 | 85.3 | 85.6 | 85.7 | 86.7 | 86.8 | 87.0 | 87.6 |
| ≥ 900 | 18.7 | 70.5 | 76.2 | 80.0 | 82.8 | 83.1 | 84.8 | 85.3 | 85.3 | 85.9 | 86.2 | 86.3 | 87.3 | 87.4 | 87.6 | 88.2 |
| ≥ 800 | 18.8 | 70.8 | 76.7 | 80.5 | 83.7 | 84.0 | 85.8 | 86.3 | 86.3 | 86.8 | 87.1 | 87.2 | 88.2 | 88.3 | 88.6 | 89.1 |
| ≥ 700 | 18.8 | 71.1 | 77.1 | 81.1 | 84.4 | 84.7 | 86.5 | 87.0 | 87.0 | 87.6 | 87.9 | 87.9 | 88.9 | 89.0 | 89.3 | 89.8 |
| ≥ 600 | 18.8 | 71.7 | 77.8 | 82.0 | 85.6 | 86.1 | 87.9 | 88.5 | 88.5 | 89.1 | 89.4 | 89.5 | 90.5 | 90.6 | 90.9 | 91.4 |
| ≥ 500 | 18.8 | 71.7 | 78.0 | 82.5 | 86.4 | 86.8 | 88.8 | 89.5 | 89.5 | 90.1 | 90.6 | 90.7 | 91.6 | 91.8 | 92.0 | 92.6 |
| ≥ 400 | 18.8 | 71.9 | 78.3 | 83.1 | 87.2 | 87.7 | 90.1 | 91.0 | 91.1 | 91.9 | 92.4 | 92.5 | 93.5 | 93.6 | 93.9 | 94.5 |
| ≥ 300 | 18.8 | 72.0 | 78.7 | 83.5 | 88.0 | 88.5 | 91.2 | 92.3 | 92.4 | 93.4 | 93.9 | 94.0 | 95.0 | 95.2 | 95.5 | 96.1 |
| ≥ 200 | 18.8 | 72.1 | 79.0 | 83.8 | 88.4 | 88.9 | 92.0 | 93.2 | 93.4 | 94.5 | 95.1 | 95.2 | 96.4 | 96.5 | 97.2 | 97.8 |
| ≥ 100 | 18.8 | 72.1 | 79.0 | 83.8 | 88.5 | 89.1 | 92.1 | 93.4 | 93.7 | 94.8 | 95.5 | 95.5 | 96.9 | 97.2 | 98.2 | 99.0 |
| ≥ 0 | 18.8 | 72.1 | 79.0 | 83.8 | 88.5 | 89.1 | 92.1 | 93.4 | 93.7 | 94.8 | 95.5 | 95.6 | 97.1 | 97.4 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2668

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.8 | 44.7 | 47.8 | 49.9 | 51.2 | 51.4 | 52.2 | 52.6 | 52.7 | 53.2 | 53.6 | 53.6 | 54.3 | 54.4 | 54.8 | 55.3 |
| ≥ 20000 | 14.8 | 47.9 | 51.0 | 53.2 | 54.5 | 54.7 | 55.6 | 55.9 | 56.1 | 56.6 | 57.0 | 57.0 | 57.6 | 57.8 | 58.2 | 58.8 |
| ≥ 18000 | 14.8 | 48.0 | 51.1 | 53.3 | 54.7 | 54.9 | 55.7 | 56.1 | 56.2 | 56.7 | 57.2 | 57.2 | 57.8 | 57.9 | 58.4 | 58.9 |
| ≥ 16000 | 14.8 | 48.2 | 51.3 | 53.6 | 54.9 | 55.1 | 56.0 | 56.3 | 56.4 | 57.0 | 57.4 | 57.4 | 58.0 | 58.1 | 58.6 | 59.1 |
| ≥ 14000 | 15.0 | 49.1 | 52.2 | 54.4 | 55.8 | 56.0 | 56.8 | 57.2 | 57.3 | 57.8 | 58.2 | 58.2 | 58.9 | 59.0 | 59.4 | 60.0 |
| ≥ 12000 | 15.2 | 50.6 | 53.7 | 56.0 | 57.4 | 57.6 | 58.5 | 58.9 | 59.0 | 59.6 | 60.0 | 60.0 | 60.6 | 60.7 | 61.2 | 61.7 |
| ≥ 10000 | 15.8 | 53.2 | 56.4 | 58.8 | 60.2 | 60.3 | 61.3 | 61.7 | 61.8 | 62.3 | 62.7 | 62.7 | 63.4 | 63.5 | 63.9 | 64.5 |
| ≥ 9000 | 15.9 | 53.6 | 56.9 | 59.2 | 60.6 | 60.8 | 61.7 | 62.1 | 62.2 | 62.7 | 63.2 | 63.2 | 63.8 | 63.9 | 64.4 | 64.9 |
| ≥ 8000 | 16.2 | 54.7 | 58.1 | 60.5 | 61.9 | 62.1 | 63.1 | 63.5 | 63.6 | 64.2 | 64.6 | 64.6 | 65.2 | 65.3 | 65.8 | 66.3 |
| ≥ 7000 | 16.5 | 57.3 | 61.0 | 63.4 | 65.0 | 65.1 | 66.1 | 66.5 | 66.7 | 67.2 | 67.6 | 67.6 | 68.3 | 68.4 | 68.8 | 69.4 |
| ≥ 6000 | 16.8 | 58.9 | 62.8 | 65.2 | 66.8 | 67.0 | 68.0 | 68.4 | 68.6 | 69.1 | 69.5 | 69.5 | 70.1 | 70.2 | 70.7 | 71.3 |
| ≥ 5000 | 17.1 | 61.1 | 65.3 | 67.9 | 69.6 | 69.8 | 70.9 | 71.3 | 71.4 | 72.0 | 72.5 | 72.5 | 73.1 | 73.2 | 73.7 | 74.3 |
| ≥ 4500 | 17.2 | 61.6 | 65.9 | 68.6 | 70.4 | 70.6 | 71.6 | 72.0 | 72.2 | 72.7 | 73.2 | 73.2 | 73.8 | 74.0 | 74.4 | 75.0 |
| ≥ 4000 | 17.2 | 62.5 | 66.9 | 69.6 | 71.4 | 71.6 | 72.7 | 73.1 | 73.2 | 73.8 | 74.3 | 74.3 | 74.9 | 75.0 | 75.5 | 76.1 |
| ≥ 3500 | 17.2 | 63.1 | 67.7 | 70.6 | 72.4 | 72.6 | 73.7 | 74.1 | 74.3 | 74.8 | 75.3 | 75.3 | 75.9 | 76.0 | 76.5 | 77.1 |
| ≥ 3000 | 17.3 | 63.9 | 68.6 | 71.5 | 73.5 | 73.7 | 74.8 | 75.2 | 75.3 | 75.9 | 76.4 | 76.4 | 77.1 | 77.2 | 77.7 | 78.3 |
| ≥ 2500 | 17.3 | 64.7 | 69.8 | 72.9 | 75.0 | 75.2 | 76.3 | 76.8 | 76.9 | 77.4 | 78.0 | 78.0 | 78.8 | 78.9 | 79.4 | 80.1 |
| ≥ 2000 | 17.4 | 65.7 | 70.8 | 74.1 | 76.3 | 76.5 | 77.8 | 78.2 | 78.4 | 78.9 | 79.5 | 79.5 | 80.3 | 80.4 | 80.9 | 81.6 |
| ≥ 1800 | 17.5 | 66.1 | 71.2 | 74.6 | 76.8 | 77.0 | 78.3 | 78.7 | 78.9 | 79.4 | 80.0 | 80.0 | 80.8 | 80.9 | 81.4 | 82.0 |
| ≥ 1500 | 17.6 | 66.8 | 72.0 | 75.5 | 77.8 | 78.0 | 79.3 | 79.8 | 79.9 | 80.5 | 81.1 | 81.1 | 81.9 | 82.0 | 82.5 | 83.2 |
| ≥ 1200 | 17.7 | 68.0 | 73.3 | 76.8 | 79.3 | 79.5 | 80.8 | 81.3 | 81.4 | 82.0 | 82.6 | 82.6 | 83.4 | 83.5 | 84.0 | 84.7 |
| ≥ 1000 | 17.7 | 68.6 | 74.0 | 77.8 | 80.4 | 80.6 | 82.0 | 82.5 | 82.6 | 83.4 | 84.0 | 84.0 | 84.8 | 84.9 | 85.4 | 86.1 |
| ≥ 900 | 17.7 | 68.8 | 74.5 | 78.4 | 81.3 | 81.5 | 83.0 | 83.5 | 83.6 | 84.4 | 85.0 | 85.0 | 85.8 | 85.9 | 86.4 | 87.1 |
| ≥ 800 | 17.7 | 69.0 | 74.9 | 78.9 | 81.8 | 82.1 | 83.6 | 84.1 | 84.3 | 85.0 | 85.6 | 85.6 | 86.5 | 86.6 | 87.1 | 87.8 |
| ≥ 700 | 17.7 | 69.5 | 75.4 | 79.6 | 82.6 | 82.9 | 84.6 | 85.1 | 85.3 | 86.1 | 86.7 | 86.7 | 87.6 | 87.7 | 88.2 | 88.8 |
| ≥ 600 | 17.7 | 69.7 | 75.7 | 80.0 | 83.4 | 83.7 | 85.6 | 86.2 | 86.4 | 87.2 | 87.9 | 87.9 | 88.8 | 88.9 | 89.4 | 90.0 |
| ≥ 500 | 17.7 | 70.0 | 76.5 | 81.1 | 84.7 | 85.0 | 87.2 | 88.0 | 88.1 | 89.0 | 89.7 | 89.7 | 90.6 | 90.7 | 91.2 | 91.9 |
| ≥ 400 | 17.7 | 70.4 | 77.0 | 81.9 | 85.9 | 86.4 | 88.8 | 89.9 | 90.0 | 91.1 | 91.8 | 91.8 | 92.7 | 92.8 | 93.5 | 94.2 |
| ≥ 300 | 17.7 | 70.4 | 77.2 | 82.4 | 86.6 | 87.0 | 89.7 | 90.8 | 91.0 | 92.3 | 93.1 | 93.1 | 94.1 | 94.2 | 94.9 | 95.6 |
| ≥ 200 | 17.7 | 70.5 | 77.4 | 82.6 | 86.8 | 87.2 | 90.1 | 91.5 | 91.8 | 93.7 | 94.6 | 94.6 | 95.7 | 95.9 | 96.7 | 97.5 |
| ≥ 100 | 17.7 | 70.5 | 77.4 | 82.6 | 86.8 | 87.3 | 90.2 | 91.6 | 92.0 | 94.0 | 95.1 | 95.1 | 96.4 | 96.6 | 97.5 | 98.6 |
| > 0 | 17.7 | 70.5 | 77.4 | 82.6 | 86.8 | 87.3 | 90.2 | 91.7 | 92.0 | 94.0 | 95.1 | 95.2 | 96.6 | 96.9 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2668

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.8 | 39.6 | 42.8 | 44.1 | 45.5 | 45.6 | 46.5 | 46.8 | 46.9 | 47.4 | 47.8 | 47.8 | 48.2 | 48.3 | 48.4 | 48.9 |
| ≥ 20000 | 15.2 | 43.5 | 47.1 | 48.4 | 49.9 | 50.1 | 51.1 | 51.4 | 51.5 | 52.1 | 52.4 | 52.4 | 52.9 | 53.0 | 53.1 | 53.6 |
| ≥ 18000 | 15.3 | 43.9 | 47.5 | 48.8 | 50.3 | 50.5 | 51.5 | 51.8 | 51.9 | 52.5 | 52.8 | 52.8 | 53.3 | 53.4 | 53.5 | 54.0 |
| ≥ 16000 | 15.3 | 44.2 | 47.8 | 49.1 | 50.6 | 50.8 | 51.8 | 52.1 | 52.2 | 52.8 | 53.1 | 53.1 | 53.6 | 53.7 | 53.8 | 54.3 |
| ≥ 14000 | 15.7 | 45.2 | 48.8 | 50.1 | 51.7 | 51.8 | 52.9 | 53.1 | 53.2 | 53.8 | 54.1 | 54.1 | 54.7 | 54.8 | 54.9 | 55.4 |
| ≥ 12000 | 16.0 | 46.8 | 50.6 | 52.0 | 53.7 | 53.9 | 55.0 | 55.2 | 55.3 | 55.9 | 56.2 | 56.2 | 56.8 | 56.9 | 57.0 | 57.5 |
| ≥ 10000 | 16.9 | 49.3 | 53.2 | 54.6 | 56.3 | 56.6 | 57.7 | 57.9 | 58.0 | 58.7 | 59.0 | 59.0 | 59.6 | 59.7 | 59.8 | 60.3 |
| ≥ 9000 | 16.9 | 49.8 | 53.7 | 55.1 | 56.9 | 57.1 | 58.2 | 58.5 | 58.6 | 59.3 | 59.7 | 59.7 | 60.2 | 60.3 | 60.4 | 61.0 |
| ≥ 8000 | 17.4 | 51.5 | 55.7 | 57.3 | 59.2 | 59.5 | 60.6 | 60.9 | 61.0 | 61.7 | 62.1 | 62.1 | 62.6 | 62.8 | 62.8 | 63.5 |
| ≥ 7000 | 17.7 | 53.6 | 57.9 | 59.6 | 61.7 | 62.0 | 63.1 | 63.5 | 63.6 | 64.3 | 64.7 | 64.7 | 65.3 | 65.4 | 65.5 | 66.2 |
| ≥ 6000 | 18.1 | 55.7 | 60.1 | 61.9 | 64.0 | 64.3 | 65.5 | 65.8 | 65.9 | 66.7 | 67.1 | 67.1 | 67.7 | 67.8 | 67.9 | 68.5 |
| ≥ 5000 | 18.4 | 58.1 | 62.9 | 64.8 | 66.9 | 67.2 | 68.5 | 68.9 | 69.0 | 69.8 | 70.2 | 70.2 | 70.9 | 71.0 | 71.0 | 71.8 |
| ≥ 4500 | 18.5 | 58.5 | 63.4 | 65.4 | 67.5 | 67.8 | 69.2 | 69.6 | 69.7 | 70.6 | 71.0 | 71.0 | 71.6 | 71.8 | 71.8 | 72.5 |
| ≥ 4000 | 18.7 | 60.0 | 64.9 | 67.0 | 69.1 | 69.4 | 70.9 | 71.3 | 71.4 | 72.4 | 72.9 | 72.9 | 73.6 | 73.7 | 73.8 | 74.5 |
| ≥ 3500 | 18.8 | 60.4 | 65.5 | 67.6 | 69.7 | 70.1 | 71.5 | 71.9 | 72.1 | 73.0 | 73.5 | 73.5 | 74.4 | 74.5 | 74.6 | 75.3 |
| ≥ 3000 | 18.9 | 61.5 | 66.7 | 68.9 | 71.2 | 71.6 | 73.0 | 73.5 | 73.6 | 74.5 | 75.0 | 75.1 | 75.9 | 76.0 | 76.1 | 76.8 |
| ≥ 2500 | 19.1 | 62.4 | 67.9 | 70.2 | 72.6 | 72.9 | 74.5 | 74.9 | 75.0 | 76.0 | 76.5 | 76.6 | 77.4 | 77.5 | 77.6 | 78.3 |
| ≥ 2000 | 19.2 | 63.8 | 69.5 | 72.0 | 74.5 | 74.9 | 76.5 | 76.9 | 77.1 | 78.0 | 78.5 | 78.6 | 79.4 | 79.5 | 79.6 | 80.3 |
| ≥ 1800 | 19.3 | 64.2 | 70.0 | 72.4 | 75.0 | 75.3 | 77.0 | 77.5 | 77.6 | 78.5 | 79.1 | 79.1 | 79.9 | 80.0 | 80.1 | 80.9 |
| ≥ 1500 | 19.5 | 65.2 | 71.1 | 73.7 | 76.3 | 76.6 | 78.4 | 78.9 | 79.0 | 79.9 | 80.5 | 80.5 | 81.3 | 81.5 | 81.5 | 82.3 |
| ≥ 1200 | 19.5 | 66.0 | 72.1 | 74.9 | 77.6 | 78.0 | 79.8 | 80.3 | 80.4 | 81.3 | 81.9 | 81.9 | 82.8 | 82.9 | 82.9 | 83.7 |
| ≥ 1000 | 19.6 | 66.6 | 72.8 | 75.7 | 78.7 | 79.1 | 81.0 | 81.5 | 81.6 | 82.7 | 83.3 | 83.3 | 84.1 | 84.3 | 84.4 | 85.1 |
| ≥ 900 | 19.6 | 67.0 | 73.3 | 76.3 | 79.4 | 79.9 | 81.7 | 82.3 | 82.4 | 83.5 | 84.0 | 84.1 | 84.9 | 85.0 | 85.1 | 85.9 |
| ≥ 800 | 19.6 | 67.7 | 74.3 | 77.4 | 80.6 | 81.1 | 83.0 | 83.5 | 83.7 | 84.7 | 85.3 | 85.4 | 86.2 | 86.3 | 86.4 | 87.2 |
| ≥ 700 | 19.6 | 68.1 | 74.9 | 78.3 | 81.7 | 82.2 | 84.3 | 84.9 | 85.0 | 86.1 | 86.7 | 86.8 | 87.6 | 87.7 | 87.8 | 88.5 |
| ≥ 600 | 19.6 | 68.7 | 75.7 | 79.4 | 83.1 | 83.7 | 85.9 | 86.5 | 86.6 | 87.8 | 88.4 | 88.5 | 89.3 | 89.4 | 89.6 | 90.3 |
| ≥ 500 | 19.6 | 69.0 | 76.3 | 80.3 | 84.3 | 85.0 | 87.7 | 88.6 | 88.8 | 90.1 | 90.7 | 90.7 | 91.6 | 91.7 | 91.9 | 92.6 |
| ≥ 400 | 19.6 | 69.4 | 76.8 | 81.1 | 85.4 | 86.2 | 89.1 | 90.1 | 90.3 | 91.8 | 92.4 | 92.4 | 93.3 | 93.4 | 93.6 | 94.3 |
| ≥ 300 | 19.6 | 69.5 | 77.0 | 81.5 | 86.0 | 86.8 | 90.0 | 91.3 | 91.6 | 93.2 | 94.0 | 94.0 | 95.0 | 95.1 | 95.4 | 96.1 |
| ≥ 200 | 19.6 | 69.5 | 77.1 | 81.8 | 86.2 | 87.0 | 90.4 | 91.8 | 92.1 | 93.9 | 94.8 | 94.8 | 95.9 | 96.1 | 96.5 | 97.4 |
| ≥ 100 | 19.6 | 69.5 | 77.1 | 81.8 | 86.2 | 87.0 | 90.4 | 91.8 | 92.1 | 93.9 | 95.0 | 95.0 | 96.3 | 96.6 | 97.3 | 98.5 |
| ≥ 0 | 19.6 | 69.5 | 77.1 | 81.8 | 86.2 | 87.0 | 90.4 | 91.8 | 92.1 | 94.0 | 95.0 | 95.1 | 96.6 | 96.9 | 97.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2680

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

SPECIFICATIONS MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION #) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.7 | 42.5 | 44.7 | 45.6 | 46.2 | 46.3 | 46.4 | 46.5 | 46.6 | 46.6 | 46.6 | 46.6 | 46.7 | 46.7 | 46.7 | 46.7 |
| ≥ 20000 | 24.5 | 48.5 | 51.3 | 52.3 | 52.9 | 53.1 | 53.2 | 53.3 | 53.4 | 53.4 | 53.4 | 53.4 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 18000 | 24.7 | 48.9 | 51.6 | 52.6 | 53.3 | 53.4 | 53.5 | 53.7 | 53.7 | 53.8 | 53.8 | 53.8 | 53.8 | 53.8 | 53.9 | 53.9 |
| ≥ 16000 | 24.7 | 49.1 | 51.8 | 52.8 | 53.5 | 53.6 | 53.7 | 53.9 | 53.9 | 53.9 | 54.0 | 54.0 | 54.0 | 54.0 | 54.1 | 54.1 |
| ≥ 14000 | 25.5 | 50.5 | 53.3 | 54.3 | 55.0 | 55.1 | 55.2 | 55.4 | 55.4 | 55.5 | 55.5 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 |
| ≥ 12000 | 26.2 | 52.2 | 55.2 | 56.3 | 57.0 | 57.1 | 57.3 | 57.4 | 57.4 | 57.5 | 57.5 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 10000 | 27.1 | 54.8 | 58.0 | 59.1 | 59.8 | 60.0 | 60.1 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 |
| ≥ 9000 | 27.3 | 55.4 | 58.7 | 59.8 | 60.6 | 60.8 | 60.9 | 61.1 | 61.1 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 8000 | 28.0 | 57.1 | 60.8 | 62.0 | 62.8 | 63.0 | 63.1 | 63.3 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 |
| ≥ 7000 | 29.0 | 60.0 | 63.8 | 65.0 | 66.0 | 66.2 | 66.3 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.7 | 66.7 | 66.7 | 66.7 |
| ≥ 6000 | 29.5 | 62.2 | 66.0 | 67.3 | 68.3 | 68.6 | 68.7 | 68.9 | 68.9 | 69.0 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 5000 | 30.0 | 64.4 | 68.3 | 69.7 | 70.7 | 71.0 | 71.2 | 71.4 | 71.4 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.7 | 71.7 |
| ≥ 4500 | 30.2 | 64.7 | 68.7 | 70.1 | 71.1 | 71.4 | 71.7 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 |
| ≥ 4000 | 30.4 | 65.9 | 70.2 | 71.6 | 72.6 | 73.0 | 73.3 | 73.4 | 73.5 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 3500 | 30.6 | 66.9 | 71.2 | 72.7 | 73.7 | 74.1 | 74.3 | 74.5 | 74.5 | 74.6 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 3000 | 30.9 | 67.6 | 72.1 | 73.8 | 74.8 | 75.1 | 75.5 | 75.7 | 75.7 | 75.8 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 2500 | 31.3 | 68.9 | 73.4 | 75.2 | 76.3 | 76.7 | 77.1 | 77.3 | 77.3 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 |
| ≥ 2000 | 31.8 | 70.6 | 75.2 | 77.0 | 78.3 | 78.6 | 79.0 | 79.2 | 79.3 | 79.4 | 79.4 | 79.4 | 79.5 | 79.5 | 79.6 | 79.6 |
| ≥ 1800 | 32.0 | 71.0 | 75.7 | 77.5 | 78.7 | 79.1 | 79.5 | 79.7 | 79.7 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 1500 | 32.3 | 71.8 | 76.7 | 78.6 | 79.9 | 80.2 | 80.7 | 81.0 | 81.0 | 81.2 | 81.3 | 81.3 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 1200 | 32.4 | 73.3 | 78.4 | 80.4 | 81.8 | 82.1 | 82.8 | 83.1 | 83.1 | 83.4 | 83.4 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 1000 | 32.5 | 74.6 | 80.1 | 82.2 | 83.8 | 84.2 | 84.9 | 85.3 | 85.4 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 900 | 32.5 | 75.2 | 80.8 | 82.9 | 84.7 | 85.1 | 85.8 | 86.2 | 86.2 | 86.6 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 800 | 32.5 | 75.9 | 81.7 | 84.1 | 86.0 | 86.4 | 87.2 | 87.7 | 87.8 | 88.1 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 700 | 32.6 | 76.6 | 82.5 | 85.1 | 87.1 | 87.5 | 88.6 | 89.1 | 89.2 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 600 | 32.7 | 77.2 | 83.4 | 86.1 | 88.3 | 89.0 | 90.4 | 91.1 | 91.1 | 91.5 | 91.7 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 |
| ≥ 500 | 32.7 | 77.7 | 84.1 | 87.4 | 90.0 | 90.8 | 92.5 | 93.3 | 93.4 | 94.1 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 |
| ≥ 400 | 32.7 | 77.8 | 84.6 | 88.2 | 91.0 | 91.8 | 93.7 | 94.9 | 95.0 | 95.9 | 96.0 | 96.0 | 96.3 | 96.3 | 96.4 | 96.4 |
| ≥ 300 | 32.7 | 77.8 | 84.7 | 88.3 | 91.3 | 92.1 | 94.4 | 95.9 | 96.0 | 97.0 | 97.2 | 97.2 | 97.5 | 97.6 | 97.6 | 97.7 |
| ≥ 200 | 32.7 | 77.8 | 84.7 | 88.5 | 91.4 | 92.3 | 94.7 | 96.3 | 96.6 | 97.7 | 98.1 | 98.1 | 98.6 | 98.8 | 99.0 | 99.1 |
| ≥ 100 | 32.7 | 77.8 | 84.7 | 88.5 | 91.4 | 92.3 | 94.7 | 96.3 | 96.6 | 97.7 | 98.3 | 98.3 | 98.8 | 99.0 | 99.3 | 99.6 |
| ≥ 0 | 32.7 | 77.8 | 84.7 | 88.5 | 91.4 | 92.3 | 94.7 | 96.3 | 96.6 | 97.7 | 98.3 | 98.3 | 98.8 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2686

USAF ETAC FORM JUL 74 0-14-5(OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.2 | 43.7 | 45.2 | 45.9 | 45.9 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 | 46.1 |
| ≥ 20000 | 30.4 | 52.4 | 54.2 | 55.0 | 55.2 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 | 55.3 |
| ≥ 18000 | 30.6 | 52.9 | 54.7 | 55.5 | 55.6 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 | 55.7 |
| ≥ 16000 | 30.7 | 53.3 | 55.1 | 55.9 | 56.0 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 | 56.1 |
| ≥ 14000 | 31.6 | 54.9 | 56.7 | 57.5 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 12000 | 32.2 | 56.7 | 58.6 | 59.4 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 |
| ≥ 10000 | 32.6 | 59.2 | 61.1 | 61.9 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 9000 | 33.2 | 60.1 | 62.0 | 62.8 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 |
| ≥ 8000 | 33.9 | 62.2 | 64.3 | 65.2 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 7000 | 34.7 | 64.3 | 66.4 | 67.4 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 6000 | 35.6 | 66.5 | 69.0 | 69.9 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 5000 | 36.5 | 68.9 | 71.4 | 72.4 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 4500 | 36.7 | 69.3 | 72.0 | 73.0 | 73.4 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 4000 | 37.2 | 70.8 | 73.5 | 74.7 | 75.0 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 3500 | 37.7 | 72.1 | 74.8 | 76.0 | 76.3 | 76.4 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 3000 | 38.3 | 73.5 | 76.3 | 77.5 | 77.8 | 78.0 | 78.2 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 | 78.4 |
| ≥ 2500 | 39.0 | 74.8 | 77.8 | 78.9 | 79.3 | 79.5 | 79.7 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 2000 | 39.5 | 76.5 | 79.5 | 80.8 | 81.3 | 81.4 | 81.6 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 1800 | 39.7 | 77.0 | 80.0 | 81.3 | 81.8 | 82.0 | 82.3 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 1500 | 40.0 | 78.1 | 81.2 | 82.7 | 83.4 | 83.6 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 1200 | 40.3 | 79.9 | 83.2 | 84.7 | 85.6 | 85.8 | 86.3 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 1000 | 40.4 | 80.9 | 84.5 | 86.1 | 87.1 | 87.3 | 87.9 | 88.3 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 900 | 40.5 | 81.4 | 85.0 | 86.7 | 87.9 | 88.2 | 88.7 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 800 | 40.6 | 82.2 | 85.9 | 87.6 | 88.9 | 89.3 | 90.0 | 90.5 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 700 | 40.6 | 82.7 | 86.7 | 88.6 | 90.0 | 90.5 | 91.3 | 91.8 | 91.9 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 600 | 40.7 | 83.1 | 87.2 | 89.0 | 90.7 | 91.3 | 92.4 | 93.2 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 500 | 40.7 | 83.9 | 88.2 | 90.2 | 92.1 | 92.9 | 94.5 | 95.3 | 95.6 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 400 | 40.7 | 84.1 | 88.6 | 90.8 | 92.7 | 93.6 | 95.6 | 96.5 | 96.9 | 97.2 | 97.3 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 300 | 40.7 | 84.2 | 88.7 | 91.0 | 93.0 | 94.0 | 96.4 | 97.6 | 98.2 | 98.8 | 99.0 | 99.0 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 200 | 40.7 | 84.3 | 88.8 | 91.1 | 93.1 | 94.2 | 96.6 | 97.9 | 98.5 | 99.2 | 99.4 | 99.4 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 40.7 | 84.3 | 88.8 | 91.1 | 93.1 | 94.2 | 96.6 | 98.0 | 98.5 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 40.7 | 84.3 | 88.8 | 91.1 | 93.1 | 94.2 | 96.6 | 98.0 | 98.5 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2675

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

SPEEDYFORM® HOOPER BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

1500-1700 (HOURS(LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.9 | 45.0 | 46.5 | 47.2 | 47.6 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 | 47.7 |
| ≥ 20000 | 29.5 | 53.8 | 55.6 | 56.5 | 57.1 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 | 57.2 |
| ≥ 18000 | 29.6 | 54.4 | 56.2 | 57.1 | 57.7 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 | 57.8 |
| ≥ 16000 | 29.7 | 54.7 | 56.5 | 57.4 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.1 | 58.2 | 58.2 |
| ≥ 14000 | 30.4 | 55.9 | 57.6 | 58.5 | 59.2 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 | 59.3 |
| ≥ 12000 | 31.4 | 57.6 | 59.6 | 60.4 | 61.1 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 | 61.2 |
| ≥ 10000 | 32.6 | 61.1 | 63.1 | 64.0 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 |
| ≥ 9000 | 33.1 | 62.2 | 64.2 | 65.1 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 8000 | 34.0 | 64.6 | 66.7 | 67.8 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.6 |
| ≥ 7000 | 34.4 | 66.6 | 68.7 | 69.8 | 70.4 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 6000 | 35.6 | 68.9 | 71.2 | 72.3 | 72.9 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 |
| ≥ 5000 | 36.6 | 70.7 | 73.2 | 74.3 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 |
| ≥ 4500 | 36.9 | 71.5 | 73.9 | 75.1 | 75.8 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 4000 | 37.5 | 73.0 | 75.5 | 76.8 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 3500 | 37.9 | 74.0 | 76.6 | 77.9 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 3000 | 38.4 | 75.2 | 78.1 | 79.6 | 80.4 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 2500 | 38.8 | 76.8 | 79.7 | 81.2 | 82.2 | 82.3 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 |
| ≥ 2000 | 39.3 | 78.5 | 81.6 | 83.2 | 84.4 | 84.6 | 84.8 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 1800 | 39.4 | 78.9 | 82.1 | 83.7 | 84.9 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 1500 | 39.6 | 79.7 | 82.9 | 84.6 | 85.8 | 86.0 | 86.2 | 86.3 | 86.3 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 |
| > 1200 | 39.7 | 80.6 | 84.0 | 85.8 | 87.2 | 87.4 | 87.7 | 87.8 | 87.9 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1000 | 39.8 | 81.5 | 85.2 | 87.1 | 88.5 | 88.8 | 89.3 | 89.4 | 89.5 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 900 | 39.9 | 81.9 | 85.8 | 87.7 | 89.3 | 89.6 | 90.1 | 90.3 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 |
| ≥ 800 | 39.9 | 82.3 | 86.5 | 88.5 | 90.2 | 90.6 | 91.2 | 91.5 | 91.5 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 |
| ≥ 700 | 39.9 | 82.6 | 86.9 | 89.1 | 91.0 | 91.4 | 92.1 | 92.4 | 92.5 | 92.7 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 92.9 |
| ≥ 600 | 39.9 | 82.8 | 87.2 | 89.5 | 91.8 | 92.3 | 93.2 | 93.7 | 93.7 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.3 | 94.3 |
| ≥ 500 | 40.0 | 83.7 | 88.4 | 90.7 | 93.3 | 93.8 | 95.1 | 95.6 | 95.8 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 400 | 40.0 | 83.8 | 88.4 | 90.9 | 93.5 | 94.1 | 95.8 | 96.4 | 96.6 | 97.0 | 97.2 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 |
| ≥ 300 | 40.0 | 83.9 | 88.5 | 91.0 | 93.7 | 94.5 | 96.3 | 97.1 | 97.2 | 97.9 | 98.3 | 98.3 | 98.4 | 98.4 | 98.5 | 98.5 |
| ≥ 200 | 40.0 | 83.9 | 88.5 | 91.0 | 93.8 | 94.6 | 96.5 | 97.6 | 97.9 | 98.7 | 99.3 | 99.3 | 99.4 | 99.5 | 99.7 | 99.7 |
| ≥ 100 | 40.0 | 83.9 | 88.5 | 91.0 | 93.8 | 94.6 | 96.5 | 97.6 | 97.9 | 98.7 | 99.3 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 |
| ≥ 0 | 40.0 | 83.9 | 88.5 | 91.0 | 93.8 | 94.6 | 96.5 | 97.6 | 97.9 | 98.7 | 99.3 | 99.3 | 99.5 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2680

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

SPEEDILOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

1800-2000 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.8 | 48.2 | 50.7 | 51.4 | 52.2 | 52.3 | 52.6 | 52.8 | 52.8 | 53.1 | 53.1 | 53.1 | 53.1 | 53.2 | 53.2 | 53.2 |
| ≥ 20000 | 22.9 | 53.6 | 56.6 | 57.4 | 58.3 | 58.5 | 58.8 | 59.1 | 59.1 | 59.4 | 59.4 | 59.4 | 59.4 | 59.5 | 59.5 | 59.5 |
| ≥ 18000 | 22.9 | 54.2 | 57.1 | 58.0 | 58.9 | 59.1 | 59.4 | 59.7 | 59.7 | 60.0 | 60.0 | 60.0 | 60.0 | 60.1 | 60.1 | 60.1 |
| ≥ 16000 | 22.9 | 54.5 | 57.4 | 58.3 | 59.3 | 59.4 | 59.8 | 60.0 | 60.0 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.5 | 60.5 |
| ≥ 14000 | 23.5 | 55.6 | 58.6 | 59.6 | 60.5 | 60.7 | 61.0 | 61.3 | 61.3 | 61.6 | 61.6 | 61.6 | 61.6 | 61.7 | 61.7 | 61.7 |
| ≥ 12000 | 23.9 | 56.9 | 59.9 | 60.9 | 62.0 | 62.1 | 62.4 | 62.7 | 62.7 | 63.0 | 63.0 | 63.0 | 63.0 | 63.2 | 63.2 | 63.2 |
| ≥ 10000 | 24.7 | 59.3 | 62.4 | 63.5 | 64.6 | 64.8 | 65.1 | 65.4 | 65.4 | 65.7 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 |
| ≥ 9000 | 25.2 | 60.2 | 63.5 | 64.6 | 65.7 | 65.8 | 66.2 | 66.4 | 66.4 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 |
| ≥ 8000 | 25.7 | 61.7 | 65.1 | 66.3 | 67.4 | 67.5 | 67.9 | 68.1 | 68.1 | 68.5 | 68.5 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 |
| ≥ 7000 | 26.0 | 63.9 | 67.4 | 68.5 | 69.7 | 69.8 | 70.1 | 70.4 | 70.4 | 70.8 | 70.8 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 |
| ≥ 6000 | 26.6 | 65.8 | 69.4 | 70.7 | 71.9 | 72.0 | 72.4 | 72.6 | 72.6 | 73.0 | 73.1 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 |
| ≥ 5000 | 27.2 | 68.1 | 72.0 | 73.5 | 74.6 | 74.8 | 75.2 | 75.5 | 75.5 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 |
| ≥ 4500 | 27.5 | 68.8 | 72.8 | 74.2 | 75.5 | 75.7 | 76.1 | 76.4 | 76.4 | 76.9 | 77.0 | 77.0 | 77.0 | 77.1 | 77.2 | 77.2 |
| ≥ 4000 | 27.8 | 70.0 | 74.1 | 75.6 | 76.9 | 77.0 | 77.5 | 77.8 | 77.8 | 78.3 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 |
| ≥ 3500 | 28.1 | 70.7 | 75.0 | 76.6 | 78.0 | 78.2 | 78.7 | 78.9 | 78.9 | 79.5 | 79.5 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 |
| ≥ 3000 | 28.2 | 71.3 | 76.0 | 77.6 | 79.1 | 79.3 | 79.8 | 80.1 | 80.1 | 80.7 | 80.7 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 |
| ≥ 2500 | 28.3 | 72.8 | 77.8 | 79.7 | 81.3 | 81.5 | 82.1 | 82.3 | 82.3 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 | 83.2 | 83.2 |
| ≥ 2000 | 28.6 | 74.2 | 79.7 | 81.7 | 83.6 | 83.8 | 84.4 | 84.6 | 84.6 | 85.2 | 85.3 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 |
| ≥ 1800 | 28.6 | 74.5 | 79.9 | 82.0 | 83.9 | 84.2 | 84.7 | 85.0 | 85.0 | 85.7 | 85.7 | 85.7 | 85.7 | 85.8 | 85.9 | 85.9 |
| ≥ 1500 | 28.7 | 75.4 | 80.9 | 83.2 | 85.2 | 85.5 | 86.0 | 86.3 | 86.3 | 87.0 | 87.0 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 |
| ≥ 1200 | 28.7 | 76.0 | 81.7 | 84.1 | 86.2 | 86.5 | 87.1 | 87.3 | 87.4 | 88.1 | 88.1 | 88.1 | 88.1 | 88.2 | 88.3 | 88.3 |
| ≥ 1000 | 28.8 | 76.6 | 82.4 | 84.9 | 87.0 | 87.4 | 88.1 | 88.4 | 88.5 | 89.1 | 89.2 | 89.2 | 89.2 | 89.3 | 89.4 | 89.4 |
| ≥ 900 | 28.9 | 76.7 | 82.6 | 85.3 | 87.5 | 87.9 | 88.7 | 88.9 | 89.0 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 90.0 | 90.0 |
| ≥ 800 | 29.0 | 76.9 | 83.0 | 85.7 | 88.0 | 88.4 | 89.2 | 89.6 | 89.7 | 90.6 | 90.6 | 90.6 | 90.7 | 90.8 | 90.9 | 90.9 |
| ≥ 700 | 29.0 | 77.2 | 83.4 | 86.1 | 88.7 | 89.1 | 90.1 | 90.6 | 90.7 | 91.5 | 91.6 | 91.6 | 91.6 | 91.8 | 91.8 | 91.8 |
| ≥ 600 | 29.0 | 77.4 | 83.7 | 86.7 | 89.5 | 90.2 | 91.3 | 91.8 | 91.9 | 92.8 | 92.9 | 92.9 | 93.1 | 93.2 | 93.2 | 93.2 |
| ≥ 500 | 29.0 | 77.6 | 84.0 | 87.2 | 90.1 | 90.9 | 92.2 | 92.8 | 92.9 | 93.8 | 94.0 | 94.0 | 94.1 | 94.3 | 94.3 | 94.3 |
| ≥ 400 | 29.0 | 77.8 | 84.4 | 87.8 | 91.2 | 92.0 | 93.7 | 94.5 | 94.7 | 95.7 | 96.0 | 96.0 | 96.2 | 96.3 | 96.4 | 96.4 |
| ≥ 300 | 29.0 | 77.8 | 84.5 | 88.1 | 91.6 | 92.5 | 94.4 | 95.2 | 95.5 | 96.6 | 97.0 | 97.1 | 97.3 | 97.4 | 97.6 | 97.6 |
| ≥ 200 | 29.0 | 77.8 | 84.5 | 88.1 | 91.8 | 92.8 | 94.7 | 95.8 | 96.2 | 97.5 | 98.2 | 98.2 | 98.7 | 98.8 | 99.1 | 99.1 |
| ≥ 100 | 29.0 | 77.8 | 84.5 | 88.1 | 91.8 | 92.8 | 94.7 | 95.9 | 96.3 | 97.5 | 98.3 | 98.4 | 99.0 | 99.1 | 99.4 | 99.7 |
| ≥ 0 | 29.0 | 77.8 | 84.5 | 88.1 | 91.8 | 92.8 | 94.7 | 95.9 | 96.3 | 97.5 | 98.3 | 98.4 | 99.0 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2679

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) NYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

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

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 16.4 | 47.4 | 50.1 | 51.9 | 53.4 | 53.6 | 54.4 | 54.8 | 54.8 | 55.3 | 55.5 | 55.5 | 55.9 | 56.0 | 56.0 | 56.2 |
| ≥ 20000 | 17.7 | 51.1 | 53.9 | 55.7 | 57.3 | 57.5 | 58.4 | 58.8 | 58.8 | 59.2 | 59.5 | 59.5 | 59.9 | 59.9 | 60.0 | 60.2 |
| ≥ 18000 | 17.7 | 51.5 | 54.4 | 56.2 | 57.7 | 57.9 | 58.9 | 59.3 | 59.3 | 59.7 | 59.9 | 59.9 | 60.4 | 60.4 | 60.5 | 60.6 |
| ≥ 16000 | 17.7 | 52.0 | 54.8 | 56.6 | 58.2 | 58.4 | 59.3 | 59.7 | 59.7 | 60.1 | 60.4 | 60.4 | 60.8 | 60.8 | 60.9 | 61.1 |
| ≥ 14000 | 18.0 | 53.3 | 56.3 | 58.1 | 59.6 | 59.8 | 60.8 | 61.2 | 61.2 | 61.6 | 61.8 | 61.9 | 62.3 | 62.3 | 62.4 | 62.6 |
| ≥ 12000 | 18.3 | 55.1 | 58.3 | 60.1 | 61.7 | 61.9 | 63.0 | 63.4 | 63.4 | 63.8 | 64.0 | 64.1 | 64.5 | 64.5 | 64.6 | 64.8 |
| ≥ 10000 | 18.8 | 56.8 | 60.1 | 62.0 | 63.6 | 63.8 | 65.0 | 65.4 | 65.4 | 65.8 | 66.0 | 66.0 | 66.5 | 66.5 | 66.6 | 66.8 |
| ≥ 9000 | 18.8 | 57.3 | 60.7 | 62.6 | 64.3 | 64.5 | 65.6 | 66.0 | 66.0 | 66.5 | 66.7 | 66.7 | 67.1 | 67.2 | 67.3 | 67.5 |
| ≥ 8000 | 19.2 | 58.7 | 62.3 | 64.2 | 66.0 | 66.3 | 67.5 | 67.9 | 67.9 | 68.3 | 68.5 | 68.6 | 69.0 | 69.1 | 69.2 | 69.3 |
| ≥ 7000 | 19.5 | 60.2 | 64.1 | 66.3 | 68.1 | 68.3 | 69.5 | 69.9 | 69.9 | 70.3 | 70.5 | 70.6 | 71.0 | 71.1 | 71.2 | 71.4 |
| ≥ 6000 | 19.9 | 62.3 | 66.3 | 68.6 | 70.4 | 70.6 | 71.8 | 72.3 | 72.3 | 72.7 | 72.9 | 72.9 | 73.4 | 73.5 | 73.5 | 73.7 |
| ≥ 5000 | 20.5 | 65.1 | 69.5 | 71.9 | 73.8 | 74.1 | 75.4 | 75.9 | 75.9 | 76.3 | 76.5 | 76.5 | 77.0 | 77.0 | 77.1 | 77.3 |
| ≥ 4500 | 20.8 | 65.5 | 70.0 | 72.4 | 74.5 | 74.7 | 76.1 | 76.5 | 76.5 | 76.9 | 77.2 | 77.2 | 77.6 | 77.7 | 77.8 | 78.0 |
| ≥ 4000 | 21.0 | 66.6 | 71.1 | 73.6 | 75.8 | 76.0 | 77.5 | 77.9 | 77.9 | 78.3 | 78.5 | 78.6 | 79.0 | 79.1 | 79.2 | 79.4 |
| ≥ 3500 | 21.1 | 67.4 | 71.9 | 74.5 | 76.7 | 76.9 | 78.4 | 78.8 | 78.8 | 79.3 | 79.5 | 79.6 | 80.0 | 80.1 | 80.2 | 80.4 |
| ≥ 3000 | 21.2 | 68.3 | 72.9 | 75.6 | 77.9 | 78.1 | 79.6 | 80.0 | 80.0 | 80.4 | 80.7 | 80.7 | 81.2 | 81.2 | 81.3 | 81.6 |
| ≥ 2500 | 21.2 | 68.9 | 73.8 | 76.6 | 79.0 | 79.2 | 80.7 | 81.1 | 81.1 | 81.5 | 81.8 | 81.8 | 82.3 | 82.4 | 82.4 | 82.7 |
| ≥ 2000 | 21.2 | 70.0 | 75.1 | 78.0 | 80.5 | 80.7 | 82.4 | 82.8 | 82.8 | 83.2 | 83.5 | 83.5 | 83.9 | 84.0 | 84.1 | 84.4 |
| ≥ 1800 | 21.3 | 70.2 | 75.4 | 78.4 | 80.8 | 81.1 | 82.7 | 83.1 | 83.1 | 83.6 | 83.9 | 83.9 | 84.4 | 84.5 | 84.5 | 84.8 |
| ≥ 1500 | 21.6 | 71.1 | 76.5 | 79.4 | 82.1 | 82.3 | 84.1 | 84.5 | 84.5 | 85.0 | 85.2 | 85.3 | 85.7 | 85.8 | 85.9 | 86.1 |
| ≥ 1200 | 21.7 | 71.7 | 77.3 | 80.5 | 83.3 | 83.5 | 85.3 | 85.7 | 85.7 | 86.3 | 86.5 | 86.6 | 87.0 | 87.1 | 87.2 | 87.4 |
| ≥ 1000 | 21.7 | 72.1 | 78.1 | 81.5 | 84.6 | 84.8 | 86.6 | 87.0 | 87.0 | 87.5 | 87.8 | 87.8 | 88.3 | 88.4 | 88.4 | 88.7 |
| ≥ 900 | 21.7 | 72.3 | 78.2 | 81.9 | 85.0 | 85.3 | 87.2 | 87.6 | 87.6 | 88.1 | 88.4 | 88.4 | 88.8 | 88.9 | 89.0 | 89.3 |
| ≥ 800 | 21.7 | 72.5 | 78.7 | 82.5 | 85.8 | 86.2 | 88.1 | 88.5 | 88.6 | 89.2 | 89.4 | 89.5 | 89.9 | 90.0 | 90.1 | 90.4 |
| ≥ 700 | 21.7 | 73.0 | 79.2 | 83.2 | 86.6 | 87.0 | 89.0 | 89.4 | 89.4 | 90.1 | 90.4 | 90.5 | 90.9 | 91.0 | 91.1 | 91.4 |
| ≥ 600 | 21.7 | 73.3 | 79.7 | 84.0 | 87.6 | 88.2 | 90.3 | 90.8 | 90.8 | 91.5 | 91.9 | 91.9 | 92.5 | 92.6 | 92.7 | 93.0 |
| ≥ 500 | 21.7 | 73.5 | 79.9 | 84.4 | 88.3 | 89.0 | 91.1 | 91.7 | 91.7 | 92.5 | 92.9 | 92.9 | 93.5 | 93.6 | 93.7 | 94.0 |
| ≥ 400 | 21.7 | 73.6 | 80.3 | 85.0 | 89.0 | 89.9 | 92.6 | 93.2 | 93.3 | 94.2 | 94.8 | 94.8 | 95.5 | 95.5 | 95.7 | 95.9 |
| ≥ 300 | 21.7 | 73.6 | 80.5 | 85.3 | 89.6 | 90.7 | 93.6 | 94.4 | 94.5 | 95.5 | 96.1 | 96.1 | 96.7 | 96.8 | 97.0 | 97.3 |
| ≥ 200 | 21.7 | 73.7 | 80.5 | 85.4 | 89.8 | 90.9 | 94.0 | 94.9 | 95.2 | 96.2 | 96.9 | 97.0 | 97.8 | 97.9 | 98.2 | 98.4 |
| ≥ 100 | 21.7 | 73.7 | 80.5 | 85.4 | 89.8 | 91.0 | 94.0 | 95.1 | 95.3 | 96.4 | 97.3 | 97.3 | 98.2 | 98.4 | 98.8 | 99.3 |
| ≥ 0 | 21.7 | 73.7 | 80.5 | 85.4 | 89.8 | 91.0 | 94.0 | 95.1 | 95.3 | 96.4 | 97.3 | 97.4 | 98.3 | 98.5 | 99.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2671

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

STOCKED BY MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

0000-0200 (HOURS LST)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 12.6 | 47.5 | 50.9 | 53.2 | 54.6 | 54.6 | 55.4 | 55.6 | 55.7 | 56.5 | 56.8 | 56.8 | 57.3 | 57.3 | 57.5 | 58.1 |
| ≥ 20000 | 13.7 | 50.8 | 54.5 | 56.8 | 58.5 | 58.5 | 59.3 | 59.5 | 59.7 | 60.4 | 60.7 | 60.7 | 61.3 | 61.3 | 61.4 | 62.1 |
| ≤ 18000 | 13.7 | 51.1 | 54.9 | 57.2 | 58.9 | 58.9 | 59.7 | 59.9 | 60.0 | 60.8 | 61.1 | 61.1 | 61.6 | 61.7 | 61.8 | 62.5 |
| ≥ 16000 | 13.7 | 51.2 | 55.0 | 57.3 | 59.0 | 59.0 | 59.8 | 60.0 | 60.2 | 60.9 | 61.2 | 61.2 | 61.8 | 61.8 | 61.9 | 62.6 |
| ≥ 14000 | 13.8 | 52.6 | 56.4 | 58.7 | 60.4 | 60.5 | 61.2 | 61.5 | 61.6 | 62.3 | 62.6 | 62.6 | 63.2 | 63.2 | 63.4 | 64.0 |
| ≥ 12000 | 14.3 | 54.1 | 58.0 | 60.6 | 62.3 | 62.3 | 63.1 | 63.3 | 63.4 | 64.2 | 64.5 | 64.5 | 65.0 | 65.1 | 65.2 | 65.9 |
| ≥ 10000 | 15.0 | 56.1 | 60.2 | 62.9 | 64.6 | 64.6 | 65.4 | 65.7 | 65.8 | 66.5 | 66.8 | 66.8 | 67.4 | 67.4 | 67.5 | 68.2 |
| ≥ 9000 | 15.0 | 56.8 | 61.2 | 63.9 | 65.6 | 65.6 | 66.4 | 66.7 | 66.8 | 67.5 | 67.8 | 67.8 | 68.4 | 68.4 | 68.6 | 69.2 |
| ≤ 8000 | 15.3 | 58.4 | 63.0 | 65.8 | 67.6 | 67.7 | 68.5 | 68.8 | 68.9 | 69.6 | 70.0 | 70.0 | 70.5 | 70.6 | 70.7 | 71.4 |
| ≥ 7000 | 15.5 | 60.1 | 64.9 | 67.7 | 69.6 | 69.6 | 70.6 | 70.9 | 71.0 | 71.7 | 72.0 | 72.0 | 72.6 | 72.7 | 72.8 | 73.4 |
| ≤ 6000 | 15.6 | 61.5 | 66.4 | 69.3 | 71.2 | 71.3 | 72.3 | 72.5 | 72.7 | 73.4 | 73.7 | 73.7 | 74.3 | 74.3 | 74.5 | 75.2 |
| ≥ 5000 | 16.1 | 63.5 | 68.6 | 71.6 | 73.6 | 73.6 | 74.8 | 75.2 | 75.3 | 76.0 | 76.4 | 76.4 | 76.9 | 77.0 | 77.1 | 77.8 |
| ≤ 4500 | 16.2 | 64.1 | 69.2 | 72.2 | 74.3 | 74.3 | 75.5 | 75.8 | 75.9 | 76.7 | 77.0 | 77.0 | 77.6 | 77.7 | 77.8 | 78.5 |
| ≥ 4000 | 16.5 | 65.5 | 70.8 | 74.0 | 76.1 | 76.2 | 77.4 | 77.7 | 77.9 | 78.6 | 79.0 | 79.0 | 79.5 | 79.6 | 79.8 | 80.4 |
| ≤ 3500 | 16.5 | 66.1 | 71.4 | 74.7 | 76.9 | 76.9 | 78.2 | 78.5 | 78.6 | 79.4 | 79.7 | 79.7 | 80.3 | 80.3 | 80.5 | 81.1 |
| ≥ 3000 | 16.7 | 67.1 | 72.6 | 76.0 | 78.2 | 78.3 | 79.7 | 80.0 | 80.2 | 80.9 | 81.3 | 81.3 | 81.9 | 81.9 | 82.1 | 82.7 |
| ≥ 2500 | 16.7 | 67.8 | 73.4 | 76.8 | 79.1 | 79.2 | 80.7 | 81.0 | 81.1 | 81.9 | 82.3 | 82.3 | 83.0 | 83.0 | 83.2 | 83.8 |
| ≥ 2000 | 16.8 | 69.3 | 75.1 | 78.7 | 81.1 | 81.1 | 82.7 | 83.0 | 83.2 | 84.1 | 84.5 | 84.5 | 85.1 | 85.2 | 85.3 | 86.0 |
| ≤ 1800 | 16.8 | 69.5 | 75.5 | 79.1 | 81.5 | 81.6 | 83.1 | 83.5 | 83.6 | 84.5 | 84.9 | 85.0 | 85.6 | 85.6 | 85.8 | 86.4 |
| ≥ 1500 | 16.9 | 70.3 | 76.2 | 80.0 | 82.4 | 82.5 | 84.0 | 84.4 | 84.5 | 85.4 | 85.8 | 85.9 | 86.5 | 86.5 | 86.7 | 87.4 |
| ≤ 1200 | 16.9 | 70.7 | 76.9 | 80.7 | 83.3 | 83.4 | 85.0 | 85.4 | 85.5 | 86.5 | 86.9 | 86.9 | 87.5 | 87.6 | 87.7 | 88.4 |
| ≥ 1000 | 17.0 | 71.6 | 77.8 | 82.0 | 84.8 | 84.9 | 86.4 | 86.8 | 87.0 | 88.0 | 88.4 | 88.4 | 89.1 | 89.1 | 89.3 | 90.0 |
| ≥ 900 | 17.0 | 71.8 | 78.2 | 82.3 | 85.2 | 85.3 | 86.9 | 87.3 | 87.4 | 88.4 | 88.9 | 88.9 | 89.5 | 89.5 | 89.7 | 90.4 |
| ≥ 800 | 17.0 | 72.1 | 78.6 | 82.8 | 85.7 | 85.9 | 87.5 | 88.0 | 88.1 | 89.1 | 89.5 | 89.6 | 90.2 | 90.2 | 90.4 | 91.1 |
| ≥ 700 | 17.0 | 72.2 | 78.6 | 83.0 | 86.1 | 86.4 | 88.0 | 88.5 | 88.6 | 89.7 | 90.2 | 90.2 | 90.8 | 90.9 | 91.0 | 91.7 |
| ≥ 600 | 17.0 | 72.5 | 79.2 | 83.9 | 87.2 | 87.5 | 89.1 | 89.6 | 89.7 | 90.9 | 91.4 | 91.4 | 92.0 | 92.1 | 92.3 | 93.0 |
| ≥ 500 | 17.0 | 72.8 | 79.6 | 84.4 | 87.9 | 88.2 | 90.2 | 90.7 | 90.8 | 92.2 | 92.6 | 92.7 | 93.3 | 93.3 | 93.5 | 94.2 |
| ≥ 400 | 17.0 | 73.0 | 79.8 | 84.8 | 88.6 | 88.9 | 91.3 | 91.8 | 92.0 | 93.4 | 93.9 | 93.9 | 94.6 | 94.6 | 94.8 | 95.5 |
| ≥ 300 | 17.0 | 73.0 | 79.9 | 85.0 | 89.0 | 89.4 | 92.1 | 92.7 | 92.9 | 94.5 | 95.0 | 95.1 | 95.7 | 95.9 | 96.1 | 96.9 |
| ≥ 200 | 17.0 | 73.1 | 80.0 | 85.1 | 89.1 | 89.5 | 92.5 | 93.4 | 93.6 | 95.6 | 96.2 | 96.3 | 97.1 | 97.3 | 97.6 | 98.4 |
| ≥ 100 | 17.0 | 73.1 | 80.0 | 85.1 | 89.1 | 89.5 | 92.5 | 93.4 | 93.7 | 96.0 | 96.8 | 96.8 | 97.7 | 97.9 | 98.4 | 99.3 |
| ≥ 0 | 17.0 | 73.1 | 80.0 | 85.1 | 89.1 | 89.5 | 92.5 | 93.4 | 93.7 | 96.0 | 96.8 | 96.8 | 97.6 | 98.0 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2440

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

SPEEDHOLD® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

0300-0500 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 11.7 | 47.1 | 50.3 | 52.1 | 54.2 | 54.3 | 55.4 | 55.6 | 55.6 | 56.2 | 56.5 | 56.6 | 57.2 | 57.2 | 57.4 | 58.1 |
| ≥ 20000 | 12.7 | 50.9 | 54.1 | 56.2 | 58.4 | 58.5 | 59.5 | 59.8 | 59.8 | 60.6 | 60.8 | 61.0 | 61.5 | 61.6 | 61.8 | 62.4 |
| ≥ 18000 | 12.7 | 51.2 | 54.4 | 56.6 | 58.8 | 58.9 | 59.9 | 60.2 | 60.2 | 61.0 | 61.3 | 61.4 | 62.0 | 62.0 | 62.2 | 62.9 |
| ≥ 16000 | 12.7 | 51.3 | 54.6 | 56.7 | 59.0 | 59.1 | 60.1 | 60.4 | 60.4 | 61.2 | 61.5 | 61.6 | 62.2 | 62.2 | 62.4 | 63.1 |
| ≥ 14000 | 12.8 | 52.2 | 55.5 | 57.7 | 60.0 | 60.1 | 61.2 | 61.5 | 61.5 | 62.2 | 62.5 | 62.6 | 63.2 | 63.3 | 63.5 | 64.1 |
| ≥ 12000 | 13.1 | 53.9 | 57.4 | 59.6 | 62.0 | 62.1 | 63.3 | 63.5 | 63.6 | 64.3 | 64.6 | 64.7 | 65.3 | 65.3 | 65.6 | 66.2 |
| ≥ 10000 | 13.5 | 56.0 | 59.7 | 62.1 | 64.6 | 64.7 | 65.9 | 66.1 | 66.2 | 66.9 | 67.2 | 67.3 | 67.9 | 67.9 | 68.3 | 68.9 |
| ≥ 9000 | 13.8 | 56.9 | 60.6 | 63.0 | 65.5 | 65.6 | 66.8 | 67.0 | 67.1 | 67.8 | 68.1 | 68.2 | 68.8 | 68.8 | 69.2 | 69.8 |
| ≥ 8000 | 13.9 | 58.7 | 62.5 | 64.9 | 67.5 | 67.7 | 68.9 | 69.2 | 69.2 | 69.9 | 70.2 | 70.4 | 70.9 | 71.0 | 71.3 | 71.9 |
| ≥ 7000 | 14.1 | 60.1 | 64.0 | 66.5 | 69.1 | 69.3 | 70.6 | 70.8 | 70.9 | 71.6 | 71.9 | 72.0 | 72.6 | 72.7 | 73.0 | 73.6 |
| ≥ 6000 | 14.2 | 61.7 | 65.9 | 68.4 | 71.1 | 71.3 | 72.7 | 72.9 | 73.0 | 73.8 | 74.0 | 74.2 | 74.8 | 74.8 | 75.2 | 75.9 |
| ≥ 5000 | 14.4 | 63.6 | 67.9 | 70.4 | 73.2 | 73.3 | 74.7 | 75.0 | 75.1 | 75.9 | 76.1 | 76.3 | 76.9 | 76.9 | 77.3 | 77.9 |
| ≥ 4500 | 14.6 | 64.3 | 68.6 | 71.3 | 74.0 | 74.2 | 75.6 | 75.9 | 75.9 | 76.7 | 77.0 | 77.1 | 77.7 | 77.8 | 78.2 | 78.8 |
| ≥ 4000 | 14.7 | 64.9 | 69.4 | 72.3 | 75.2 | 75.3 | 76.8 | 77.2 | 77.2 | 78.0 | 78.3 | 78.4 | 79.0 | 79.0 | 79.5 | 80.1 |
| ≥ 3500 | 14.8 | 65.8 | 70.4 | 73.3 | 76.2 | 76.4 | 77.9 | 78.2 | 78.3 | 79.0 | 79.3 | 79.5 | 80.1 | 80.1 | 80.5 | 81.1 |
| ≥ 3000 | 15.0 | 66.9 | 71.7 | 74.6 | 77.5 | 77.7 | 79.3 | 79.7 | 79.7 | 80.5 | 80.8 | 80.9 | 81.5 | 81.5 | 82.0 | 82.6 |
| ≥ 2500 | 15.2 | 67.7 | 72.7 | 75.7 | 78.8 | 79.0 | 80.6 | 81.0 | 81.0 | 81.8 | 82.1 | 82.2 | 82.9 | 82.9 | 83.3 | 83.9 |
| ≥ 2000 | 15.3 | 68.9 | 74.0 | 77.3 | 80.4 | 80.6 | 82.3 | 82.7 | 82.7 | 83.6 | 83.9 | 84.0 | 84.7 | 84.7 | 85.1 | 85.7 |
| ≥ 1800 | 15.3 | 69.0 | 74.1 | 77.5 | 80.6 | 80.8 | 82.5 | 82.9 | 83.0 | 83.8 | 84.1 | 84.3 | 84.9 | 85.0 | 85.4 | 86.0 |
| ≥ 1500 | 15.4 | 69.4 | 74.5 | 77.9 | 81.1 | 81.3 | 83.1 | 83.5 | 83.6 | 84.4 | 84.7 | 84.8 | 85.5 | 85.5 | 86.0 | 86.6 |
| ≥ 1200 | 15.5 | 70.0 | 75.2 | 78.6 | 81.9 | 82.1 | 84.0 | 84.4 | 84.5 | 85.3 | 85.6 | 85.7 | 86.4 | 86.4 | 86.9 | 87.5 |
| ≥ 1000 | 15.5 | 70.8 | 76.5 | 80.1 | 83.4 | 83.7 | 85.6 | 86.1 | 86.1 | 87.0 | 87.3 | 87.4 | 88.1 | 88.1 | 88.6 | 89.2 |
| ≥ 900 | 15.5 | 71.1 | 76.7 | 80.5 | 83.8 | 84.1 | 86.1 | 86.6 | 86.6 | 87.6 | 87.9 | 88.0 | 88.6 | 88.7 | 89.1 | 89.7 |
| ≥ 800 | 15.5 | 71.4 | 77.0 | 81.0 | 84.4 | 84.7 | 86.8 | 87.2 | 87.3 | 88.4 | 88.7 | 88.8 | 89.5 | 89.5 | 90.0 | 90.6 |
| ≥ 700 | 15.5 | 71.8 | 77.7 | 81.7 | 85.4 | 85.7 | 87.7 | 88.2 | 88.3 | 89.4 | 89.7 | 89.8 | 90.5 | 90.5 | 91.0 | 91.6 |
| ≥ 600 | 15.5 | 72.1 | 78.2 | 82.5 | 86.2 | 86.5 | 88.8 | 89.3 | 89.3 | 90.5 | 90.8 | 90.9 | 91.6 | 91.6 | 92.0 | 92.7 |
| ≥ 500 | 15.5 | 72.2 | 78.4 | 82.9 | 86.8 | 87.1 | 89.8 | 90.3 | 90.4 | 91.6 | 91.9 | 92.0 | 92.7 | 92.7 | 93.2 | 93.8 |
| ≥ 400 | 15.5 | 72.4 | 78.8 | 83.4 | 87.6 | 87.9 | 90.9 | 91.5 | 91.6 | 92.9 | 93.2 | 93.4 | 94.1 | 94.1 | 94.5 | 95.2 |
| ≥ 300 | 15.5 | 72.5 | 78.8 | 83.6 | 87.9 | 88.3 | 91.8 | 92.4 | 92.6 | 94.1 | 94.4 | 94.5 | 95.3 | 95.3 | 95.9 | 96.6 |
| ≥ 200 | 15.5 | 72.6 | 78.9 | 83.8 | 88.0 | 88.4 | 92.1 | 92.9 | 93.1 | 94.9 | 95.4 | 95.6 | 96.5 | 96.6 | 97.3 | 98.1 |
| ≥ 100 | 15.5 | 72.6 | 78.9 | 83.8 | 88.0 | 88.4 | 92.1 | 93.0 | 93.2 | 95.2 | 95.7 | 95.9 | 97.0 | 97.1 | 98.2 | 99.1 |
| 0 | 15.5 | 72.6 | 78.9 | 83.8 | 88.0 | 88.4 | 92.1 | 93.0 | 93.2 | 95.2 | 95.7 | 95.9 | 97.1 | 97.2 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

SPEEDFLOW® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

0600-0800 (HOURS LST)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.5 | 42.4 | 45.3 | 46.7 | 48.8 | 48.9 | 49.5 | 49.7 | 49.8 | 50.4 | 50.5 | 50.5 | 50.9 | 51.0 | 51.3 | 51.7 |
| ≥ 20000 | 14.8 | 46.8 | 49.9 | 51.5 | 53.7 | 53.8 | 54.5 | 54.8 | 54.9 | 55.6 | 55.7 | 55.8 | 56.3 | 56.5 | 56.8 | 57.3 |
| ≥ 18000 | 14.8 | 47.3 | 50.4 | 52.1 | 54.2 | 54.3 | 55.0 | 55.3 | 55.4 | 56.1 | 56.3 | 56.3 | 56.8 | 57.1 | 57.3 | 57.8 |
| ≥ 16000 | 14.8 | 47.7 | 50.9 | 52.5 | 54.7 | 54.8 | 55.5 | 55.7 | 55.9 | 56.6 | 56.7 | 56.8 | 57.3 | 57.5 | 57.8 | 58.3 |
| ≥ 14000 | 14.9 | 48.2 | 51.4 | 53.0 | 55.3 | 55.4 | 56.0 | 56.4 | 56.5 | 57.2 | 57.3 | 57.4 | 57.9 | 58.1 | 58.4 | 58.9 |
| ≥ 12000 | 15.3 | 50.1 | 53.5 | 55.1 | 57.4 | 57.5 | 58.2 | 58.5 | 58.7 | 59.4 | 59.6 | 59.6 | 60.1 | 60.3 | 60.6 | 61.1 |
| ≥ 10000 | 16.2 | 53.0 | 56.7 | 58.5 | 61.0 | 61.1 | 61.7 | 62.1 | 62.2 | 63.0 | 63.1 | 63.2 | 63.7 | 63.9 | 64.2 | 64.7 |
| ≥ 9000 | 16.4 | 53.8 | 57.6 | 59.4 | 61.9 | 62.0 | 62.7 | 63.0 | 63.2 | 63.9 | 64.1 | 64.1 | 64.6 | 64.8 | 65.1 | 65.6 |
| ≥ 8000 | 16.7 | 55.5 | 59.4 | 61.2 | 63.9 | 64.0 | 64.8 | 65.1 | 65.3 | 66.0 | 66.2 | 66.2 | 66.8 | 67.0 | 67.3 | 67.8 |
| ≥ 7000 | 17.2 | 57.3 | 61.3 | 63.3 | 66.0 | 66.2 | 66.9 | 67.3 | 67.4 | 68.2 | 68.4 | 68.4 | 68.9 | 69.2 | 69.5 | 70.0 |
| ≥ 6000 | 17.6 | 58.7 | 63.0 | 65.2 | 68.0 | 68.2 | 69.0 | 69.4 | 69.6 | 70.4 | 70.5 | 70.6 | 71.1 | 71.3 | 71.7 | 72.2 |
| ≥ 5000 | 17.9 | 60.4 | 65.0 | 67.2 | 70.2 | 70.4 | 71.2 | 71.7 | 71.8 | 72.6 | 72.8 | 72.9 | 73.4 | 73.6 | 74.0 | 74.5 |
| ≥ 4500 | 18.0 | 61.1 | 65.8 | 68.0 | 71.1 | 71.2 | 72.1 | 72.5 | 72.7 | 73.5 | 73.7 | 73.7 | 74.3 | 74.5 | 74.8 | 75.4 |
| ≥ 4000 | 18.2 | 62.6 | 67.6 | 70.0 | 73.2 | 73.4 | 74.3 | 74.9 | 75.0 | 75.9 | 76.0 | 76.1 | 76.7 | 76.9 | 77.2 | 77.8 |
| ≥ 3500 | 18.5 | 63.9 | 69.1 | 71.7 | 74.9 | 75.1 | 76.0 | 76.5 | 76.7 | 77.6 | 77.8 | 77.9 | 78.4 | 78.6 | 79.0 | 79.5 |
| ≥ 3000 | 18.7 | 64.7 | 70.0 | 72.7 | 76.0 | 76.2 | 77.2 | 77.7 | 77.9 | 78.8 | 78.9 | 79.0 | 79.6 | 79.9 | 80.2 | 80.8 |
| ≥ 2500 | 18.8 | 65.7 | 71.3 | 74.2 | 77.5 | 77.7 | 78.8 | 79.3 | 79.5 | 80.4 | 80.5 | 80.6 | 81.2 | 81.5 | 81.8 | 82.4 |
| ≥ 2000 | 19.1 | 66.8 | 72.6 | 75.6 | 79.0 | 79.2 | 80.3 | 80.9 | 81.1 | 82.0 | 82.1 | 82.2 | 82.8 | 83.1 | 83.4 | 84.0 |
| ≥ 1800 | 19.1 | 67.1 | 72.9 | 75.9 | 79.4 | 79.6 | 80.8 | 81.3 | 81.5 | 82.4 | 82.6 | 82.6 | 83.3 | 83.5 | 83.8 | 84.4 |
| ≥ 1500 | 19.3 | 67.8 | 73.6 | 76.7 | 80.3 | 80.5 | 81.7 | 82.4 | 82.5 | 83.4 | 83.6 | 83.7 | 84.3 | 84.5 | 84.9 | 85.5 |
| ≥ 1200 | 19.3 | 68.6 | 74.7 | 77.9 | 81.5 | 81.7 | 83.1 | 83.8 | 84.0 | 84.9 | 85.0 | 85.1 | 85.7 | 86.0 | 86.3 | 87.0 |
| ≥ 1000 | 19.3 | 69.3 | 75.7 | 78.9 | 82.8 | 83.0 | 84.5 | 85.2 | 85.3 | 86.2 | 86.4 | 86.5 | 87.1 | 87.3 | 87.7 | 88.4 |
| ≥ 900 | 19.3 | 69.6 | 76.0 | 79.4 | 83.3 | 83.6 | 85.1 | 85.8 | 85.9 | 86.8 | 87.0 | 87.1 | 87.7 | 87.9 | 88.4 | 89.0 |
| ≥ 800 | 19.4 | 70.0 | 76.6 | 80.0 | 84.0 | 84.3 | 86.0 | 86.7 | 86.9 | 87.9 | 88.0 | 88.1 | 88.7 | 89.0 | 89.4 | 90.0 |
| ≥ 700 | 19.4 | 70.5 | 77.4 | 81.0 | 85.1 | 85.4 | 87.0 | 87.8 | 87.9 | 89.0 | 89.1 | 89.2 | 89.8 | 90.1 | 90.5 | 91.1 |
| ≥ 600 | 19.4 | 70.8 | 77.8 | 81.5 | 85.8 | 86.1 | 87.8 | 88.5 | 88.7 | 89.7 | 89.9 | 90.0 | 90.6 | 90.8 | 91.2 | 91.8 |
| ≥ 500 | 19.4 | 71.1 | 78.3 | 82.1 | 86.5 | 86.9 | 88.8 | 89.5 | 89.8 | 90.9 | 91.1 | 91.2 | 91.8 | 92.1 | 92.5 | 93.1 |
| ≥ 400 | 19.4 | 71.4 | 78.7 | 82.8 | 87.4 | 87.9 | 90.1 | 90.9 | 91.3 | 92.6 | 93.0 | 93.1 | 93.8 | 94.0 | 94.5 | 95.1 |
| ≥ 300 | 19.4 | 71.4 | 78.8 | 82.9 | 87.8 | 88.3 | 90.8 | 91.8 | 92.2 | 93.8 | 94.3 | 94.4 | 95.3 | 95.6 | 96.1 | 96.8 |
| ≥ 200 | 19.4 | 71.4 | 78.9 | 83.0 | 87.9 | 88.4 | 91.2 | 92.4 | 92.9 | 94.5 | 95.3 | 95.4 | 96.5 | 96.8 | 97.5 | 98.3 |
| ≥ 100 | 19.4 | 71.4 | 78.9 | 83.1 | 88.0 | 88.5 | 91.2 | 92.5 | 93.1 | 94.7 | 95.6 | 95.7 | 97.1 | 97.5 | 98.3 | 99.4 |
| ≥ 0 | 19.4 | 71.4 | 78.9 | 83.1 | 88.0 | 88.5 | 91.2 | 92.5 | 93.1 | 94.7 | 95.6 | 95.7 | 97.1 | 97.5 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2438

USAF ETAC FORM 70L-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STEREOTYPED MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.4 | 46.1 | 48.0 | 48.8 | 49.2 | 49.3 | 49.3 | 49.4 | 49.4 | 49.4 | 49.4 | 49.4 | 49.5 | 49.5 | 49.5 | 49.5 |
| ≥ 20000 | 24.2 | 53.0 | 55.3 | 56.2 | 56.7 | 56.8 | 57.0 | 57.1 | 57.2 | 57.2 | 57.3 | 57.3 | 57.3 | 57.3 | 57.4 | 57.4 |
| ≥ 18000 | 24.2 | 53.4 | 55.7 | 56.7 | 57.2 | 57.3 | 57.5 | 57.5 | 57.6 | 57.7 | 57.7 | 57.7 | 57.8 | 57.8 | 57.9 | 57.9 |
| ≥ 16000 | 24.2 | 54.0 | 56.3 | 57.3 | 57.8 | 57.9 | 58.1 | 58.2 | 58.2 | 58.3 | 58.3 | 58.3 | 58.4 | 58.4 | 58.5 | 58.5 |
| ≥ 14000 | 24.7 | 55.3 | 57.6 | 58.7 | 59.2 | 59.4 | 59.5 | 59.6 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 | 59.9 | 59.9 |
| ≥ 12000 | 25.6 | 57.8 | 60.2 | 61.4 | 62.0 | 62.1 | 62.3 | 62.3 | 62.4 | 62.5 | 62.6 | 62.6 | 62.6 | 62.6 | 62.7 | 62.7 |
| ≥ 10000 | 26.6 | 60.6 | 63.1 | 64.4 | 65.0 | 65.1 | 65.3 | 65.4 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.8 | 65.8 |
| ≥ 9000 | 26.9 | 61.3 | 63.9 | 65.1 | 65.8 | 65.9 | 66.1 | 66.2 | 66.2 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.6 | 66.6 |
| ≥ 8000 | 27.6 | 63.3 | 66.0 | 67.3 | 68.0 | 68.1 | 68.3 | 68.4 | 68.5 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 |
| ≥ 7000 | 28.0 | 64.1 | 66.9 | 68.2 | 68.9 | 69.1 | 69.2 | 69.4 | 69.5 | 69.6 | 69.7 | 69.7 | 69.8 | 69.8 | 69.9 | 69.9 |
| ≥ 6000 | 28.3 | 65.6 | 68.7 | 70.1 | 70.9 | 71.1 | 71.3 | 71.5 | 71.6 | 71.7 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 |
| ≥ 5000 | 28.8 | 67.1 | 70.4 | 71.8 | 72.7 | 72.9 | 73.2 | 73.3 | 73.5 | 73.6 | 73.7 | 73.7 | 73.7 | 73.8 | 73.9 | 73.9 |
| ≥ 4500 | 29.0 | 67.6 | 71.0 | 72.5 | 73.4 | 73.6 | 73.8 | 74.0 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 |
| ≥ 4000 | 29.3 | 69.2 | 72.7 | 74.3 | 75.3 | 75.6 | 75.9 | 76.1 | 76.2 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.7 | 76.7 |
| ≥ 3500 | 29.6 | 69.9 | 73.6 | 75.1 | 76.3 | 76.6 | 77.0 | 77.3 | 77.4 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.9 | 77.9 |
| ≥ 3000 | 29.8 | 71.3 | 75.3 | 76.9 | 78.1 | 78.4 | 79.0 | 79.2 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 |
| ≥ 2500 | 30.0 | 72.1 | 76.3 | 78.1 | 79.3 | 79.7 | 80.4 | 80.6 | 80.8 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.3 | 81.3 |
| ≥ 2000 | 30.4 | 73.4 | 77.9 | 79.7 | 81.2 | 81.5 | 82.3 | 82.7 | 82.9 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.4 | 83.4 |
| ≥ 1800 | 30.6 | 73.8 | 78.3 | 80.2 | 81.7 | 82.0 | 82.8 | 83.2 | 83.3 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 | 83.9 | 83.9 |
| ≥ 1500 | 30.9 | 75.3 | 80.1 | 82.2 | 83.8 | 84.1 | 84.9 | 85.3 | 85.4 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 86.0 | 86.0 |
| ≥ 1200 | 31.0 | 76.2 | 81.2 | 83.3 | 85.1 | 85.5 | 86.3 | 86.7 | 86.9 | 87.1 | 87.2 | 87.2 | 87.2 | 87.3 | 87.4 | 87.4 |
| ≥ 1000 | 31.3 | 77.6 | 82.8 | 85.1 | 86.9 | 87.3 | 88.3 | 88.7 | 88.9 | 89.1 | 89.2 | 89.2 | 89.3 | 89.3 | 89.5 | 89.5 |
| ≥ 900 | 31.3 | 77.9 | 83.1 | 85.6 | 87.4 | 87.9 | 88.8 | 89.3 | 89.4 | 89.6 | 89.7 | 89.7 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 800 | 31.3 | 78.4 | 83.7 | 86.3 | 88.2 | 88.7 | 89.8 | 90.2 | 90.4 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 91.0 | 91.0 |
| ≥ 700 | 31.3 | 78.9 | 84.5 | 87.2 | 89.2 | 89.7 | 90.9 | 91.4 | 91.6 | 91.8 | 91.9 | 91.9 | 92.0 | 92.0 | 92.2 | 92.2 |
| ≥ 600 | 31.3 | 79.4 | 85.1 | 88.1 | 90.3 | 90.9 | 92.4 | 92.9 | 93.1 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.8 | 93.8 |
| ≥ 500 | 31.3 | 79.7 | 85.6 | 88.7 | 91.2 | 91.8 | 93.4 | 93.9 | 94.2 | 94.6 | 94.7 | 94.7 | 94.9 | 95.0 | 95.1 | 95.1 |
| ≥ 400 | 31.4 | 80.0 | 86.1 | 89.3 | 91.8 | 92.5 | 94.4 | 95.2 | 95.5 | 96.1 | 96.3 | 96.3 | 96.6 | 96.6 | 96.8 | 96.8 |
| ≥ 300 | 31.4 | 80.3 | 86.4 | 89.5 | 92.3 | 93.2 | 95.2 | 96.2 | 96.5 | 97.4 | 97.7 | 97.7 | 98.0 | 98.0 | 98.4 | 98.4 |
| ≥ 200 | 31.4 | 80.3 | 86.4 | 89.5 | 92.3 | 93.2 | 95.3 | 96.3 | 96.7 | 97.7 | 98.1 | 98.1 | 98.6 | 98.6 | 99.2 | 99.2 |
| ≥ 100 | 31.4 | 80.3 | 86.4 | 89.5 | 92.3 | 93.2 | 95.3 | 96.3 | 96.7 | 97.7 | 98.2 | 98.3 | 98.9 | 99.0 | 99.7 | 99.9 |
| 0 | 31.4 | 80.3 | 86.4 | 89.5 | 92.3 | 93.2 | 95.3 | 96.3 | 96.7 | 97.7 | 98.2 | 98.3 | 98.9 | 99.0 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2438

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

SPEEDFORM® WOODS BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

1200-1400 (HOURS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.0 | 48.0 | 49.7 | 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 |
| ≥ 20000 | 28.0 | 56.4 | 58.4 | 59.2 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 59.8 | 59.8 |
| ≤ 18000 | 28.3 | 57.1 | 59.2 | 60.0 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 16000 | 28.4 | 57.7 | 59.7 | 60.6 | 60.9 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 14000 | 28.6 | 58.3 | 60.5 | 61.3 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 | 61.8 |
| ≥ 12000 | 29.4 | 61.2 | 63.4 | 64.3 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 10000 | 30.2 | 63.2 | 65.4 | 66.4 | 66.7 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 9000 | 30.4 | 63.6 | 65.8 | 66.8 | 67.2 | 67.2 | 67.2 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 8000 | 31.0 | 65.8 | 68.3 | 69.3 | 69.7 | 69.7 | 69.7 | 69.7 | 69.8 | 69.8 | 69.8 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 7000 | 31.3 | 66.7 | 69.2 | 70.4 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 | 70.9 | 71.0 | 71.0 | 71.0 | 71.0 |
| ≥ 6000 | 31.5 | 67.6 | 70.2 | 71.5 | 72.0 | 72.1 | 72.1 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 5000 | 32.1 | 69.5 | 72.2 | 73.6 | 74.3 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 4500 | 32.3 | 70.1 | 72.7 | 74.3 | 75.0 | 75.1 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 4000 | 32.9 | 71.5 | 74.2 | 75.8 | 76.6 | 76.7 | 76.7 | 76.7 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 3500 | 33.9 | 73.2 | 75.9 | 77.6 | 78.4 | 78.5 | 78.6 | 78.6 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 3000 | 34.6 | 75.0 | 78.0 | 79.9 | 80.9 | 81.0 | 81.1 | 81.1 | 81.3 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 2500 | 35.1 | 76.5 | 79.6 | 81.5 | 82.7 | 82.9 | 83.0 | 83.1 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 2000 | 35.5 | 78.2 | 81.7 | 83.8 | 85.2 | 85.3 | 85.6 | 85.6 | 85.8 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1800 | 35.8 | 78.6 | 82.2 | 84.2 | 85.6 | 85.8 | 86.1 | 86.1 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 1500 | 36.1 | 79.9 | 83.7 | 86.0 | 87.4 | 87.6 | 87.9 | 88.1 | 88.3 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 |
| ≥ 1200 | 36.3 | 80.9 | 84.8 | 87.1 | 88.5 | 88.8 | 89.1 | 89.3 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 1000 | 36.5 | 82.4 | 86.5 | 88.8 | 90.4 | 90.8 | 91.2 | 91.3 | 91.6 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 900 | 36.5 | 82.7 | 86.9 | 89.4 | 90.9 | 91.3 | 91.8 | 92.0 | 92.2 | 92.6 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 800 | 36.5 | 82.9 | 87.3 | 90.0 | 91.8 | 92.2 | 92.7 | 93.0 | 93.2 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 700 | 36.5 | 83.5 | 88.1 | 90.8 | 92.6 | 92.9 | 93.6 | 93.9 | 94.1 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 600 | 36.5 | 84.0 | 88.8 | 91.( | 93.6 | 94.0 | 94.7 | 95.0 | 95.2 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 500 | 36.5 | 84.3 | 89.3 | 92.3 | 94.3 | 94.7 | 95.5 | 95.9 | 96.2 | 96.8 | 97.0 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 400 | 36.5 | 84.4 | 89.3 | 92.3 | 94.4 | 94.9 | 95.9 | 96.4 | 96.8 | 97.4 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 300 | 36.5 | 84.4 | 89.4 | 92.5 | 94.8 | 95.4 | 96.7 | 97.3 | 97.7 | 98.5 | 98.7 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 200 | 36.5 | 84.4 | 89.4 | 92.5 | 94.8 | 95.4 | 96.8 | 97.5 | 97.8 | 98.9 | 99.3 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 |
| ≥ 100 | 36.5 | 84.4 | 89.4 | 92.5 | 94.8 | 95.4 | 96.8 | 97.5 | 97.9 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 36.5 | 84.4 | 89.4 | 92.5 | 94.8 | 95.4 | 96.8 | 97.5 | 97.9 | 98.9 | 99.5 | 99.5 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2439

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.1 | 48.3 | 49.7 | 50.8 | 51.0 | 51.0 | 51.0 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51.1 | 51. | 51.1 |
| ≥ 20000 | 28.7 | 56.8 | 58.7 | 59.9 | 60.3 | 60.4 | 60.4 | 60.4 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≤ 18000 | 28.9 | 57.5 | 59.5 | 60.8 | 61.2 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 | 61.3 |
| ≥ 16000 | 28.9 | 58.3 | 60.2 | 61.5 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≤ 14000 | 29.2 | 59.2 | 61.2 | 62.5 | 62.9 | 63.0 | 63.0 | 63.0 | 63.0 | 63.0 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 | 63.1 |
| ≥ 12000 | 29.8 | 60.9 | 63.0 | 64.3 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 | 64.9 |
| ≤ 10000 | 30.6 | 63.7 | 66.0 | 67.3 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 9000 | 30.9 | 64.3 | 66.6 | 68.0 | 68.6 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≤ 8000 | 31.4 | 66.1 | 68.5 | 69.9 | 70.5 | 70.6 | 70.6 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 | 70.7 |
| ≥ 7000 | 31.8 | 67.3 | 69.8 | 71.2 | 72.0 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≤ 6000 | 32.5 | 68.9 | 71.5 | 73.0 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 5000 | 32.9 | 70.5 | 73.1 | 75.0 | 75.9 | 76.0 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≤ 4500 | 33.3 | 71.0 | 73.8 | 75.5 | 76.6 | 76.7 | 76.8 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 4000 | 33.9 | 72.9 | 75.7 | 77.6 | 78.8 | 78.9 | 79.0 | 79.2 | 79.2 | 79.2 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≤ 3500 | 34.7 | 74.4 | 77.3 | 79.2 | 80.5 | 80.5 | 80.7 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3000 | 35.2 | 76.1 | 79.3 | 81.3 | 82.7 | 82.8 | 83.0 | 83.1 | 83.1 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83. |
| ≤ 2500 | 35.7 | 77.8 | 81.2 | 83.3 | 84.8 | 84.9 | 85.1 | 85.2 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85. |
| ≥ 2000 | 36.0 | 79.1 | 82.7 | 84.8 | 86.6 | 86.7 | 86.9 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≤ 1800 | 36.0 | 79.7 | 83.3 | 85.4 | 87.2 | 87.3 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1500 | 36.2 | 80.9 | 84.8 | 87.0 | 88.9 | 89.0 | 89.2 | 89.4 | 89.4 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≤ 1200 | 36.3 | 81.5 | 85.6 | 87.9 | 90.0 | 90.2 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1000 | 36.4 | 82.4 | 86.5 | 88.9 | 91.2 | 91.3 | 91.6 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≤ 900 | 36.4 | 82.6 | 86.7 | 89.1 | 91.4 | 91.5 | 91.9 | 92.1 | 92.1 | 92.3 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 800 | 36.4 | 82.7 | 87.0 | 89.5 | 92.0 | 92.1 | 92.6 | 92.9 | 92.9 | 93.2 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≤ 700 | 36.4 | 82.9 | 87.4 | 90.1 | 92.6 | 92.8 | 93.3 | 93.8 | 93.8 | 94.1 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 600 | 36.4 | 83.1 | 87.8 | 90.8 | 93.3 | 93.6 | 94.2 | 94.8 | 94.8 | 95.1 | 95.4 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≤ 500 | 36.4 | 83.5 | 88.4 | 91.8 | 94.7 | 95.1 | 95.7 | 96.4 | 96.6 | 97.1 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 400 | 36.4 | 83.6 | 88.7 | 92.1 | 95.1 | 95.5 | 96.2 | 96.9 | 97.2 | 97.7 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 |
| ≤ 300 | 36.4 | 83.6 | 88.7 | 92.2 | 95.2 | 95.6 | 96.7 | 97.4 | 97.7 | 98.3 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 200 | 36.4 | 83.7 | 88.9 | 92.3 | 95.3 | 95.8 | 97.0 | 97.9 | 98.1 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.6 | 99.7 |
| ≤ 100 | 36.4 | 83.8 | 88.9 | 92.3 | 95.4 | 95.8 | 97.0 | 97.9 | 98.2 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.8 | 99.9 |
| = 0 | 36.4 | 83.8 | 88.9 | 92.3 | 95.4 | 95.8 | 97.0 | 97.9 | 98.2 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2431

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

SPECIFIED BY MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

1800-2000 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.7 | 49.8 | 53.0 | 54.2 | 54.9 | 55.2 | 55.5 | 55.6 | 55.6 | 55.8 | 55.9 | 55.9 | 56.0 | 56.0 | 56.0 | 56.0 |
| ≥ 20000 | 22.8 | 54.9 | 58.6 | 59.9 | 60.7 | 61.0 | 61.4 | 61.5 | 61.5 | 61.7 | 61.8 | 61.8 | 62.0 | 62.0 | 62.0 | 62.0 |
| ≥ 18000 | 22.9 | 55.6 | 59.4 | 60.6 | 61.5 | 61.7 | 62.2 | 62.3 | 62.3 | 62.4 | 62.6 | 62.6 | 62.7 | 62.7 | 62.8 | 62.8 |
| ≥ 16000 | 23.0 | 56.1 | 60.0 | 61.3 | 62.1 | 62.4 | 62.8 | 62.9 | 62.9 | 63.1 | 63.2 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 14000 | 23.4 | 57.7 | 61.7 | 63.0 | 63.9 | 64.1 | 64.6 | 64.7 | 64.7 | 64.8 | 65.0 | 65.0 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 12000 | 23.6 | 59.5 | 63.5 | 64.8 | 65.7 | 66.0 | 66.4 | 66.5 | 66.5 | 66.7 | 66.8 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 10000 | 24.2 | 61.5 | 65.7 | 67.1 | 68.1 | 68.4 | 68.9 | 69.1 | 69.1 | 69.2 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.6 |
| ≥ 9000 | 24.3 | 62.1 | 66.3 | 67.9 | 68.8 | 69.1 | 69.7 | 69.8 | 69.8 | 70.0 | 70.1 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 |
| ≥ 8000 | 24.5 | 63.6 | 67.9 | 69.6 | 70.6 | 70.9 | 71.5 | 71.6 | 71.6 | 71.8 | 72.0 | 72.0 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 7000 | 24.7 | 64.6 | 69.2 | 70.9 | 72.0 | 72.3 | 72.9 | 73.1 | 73.1 | 73.3 | 73.5 | 73.5 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 6000 | 25.4 | 66.1 | 70.9 | 72.6 | 73.8 | 74.2 | 74.7 | 74.9 | 74.9 | 75.1 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 5000 | 25.7 | 67.8 | 72.6 | 74.4 | 75.8 | 76.1 | 76.7 | 77.0 | 77.0 | 77.2 | 77.3 | 77.4 | 77.5 | 77.5 | 77.6 | 77.6 |
| ≥ 4500 | 26.1 | 68.8 | 73.7 | 75.6 | 77.0 | 77.3 | 77.9 | 78.2 | 78.2 | 78.4 | 78.6 | 78.6 | 78.8 | 78.8 | 78.9 | 78.9 |
| ≥ 4000 | 26.3 | 70.7 | 75.9 | 77.9 | 79.2 | 79.6 | 80.2 | 80.5 | 80.5 | 80.7 | 80.9 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 |
| ≥ 3500 | 26.5 | 71.6 | 77.0 | 79.0 | 80.4 | 80.7 | 81.4 | 81.8 | 81.8 | 82.0 | 82.2 | 82.2 | 82.4 | 82.4 | 82.4 | 82.5 |
| ≥ 3000 | 26.8 | 72.8 | 78.4 | 80.3 | 81.8 | 82.2 | 82.9 | 83.2 | 83.2 | 83.4 | 83.6 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 |
| ≥ 2500 | 26.8 | 73.3 | 79.1 | 81.4 | 82.9 | 83.2 | 84.0 | 84.3 | 84.3 | 84.6 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.1 |
| ≥ 2000 | 26.9 | 74.4 | 80.4 | 82.7 | 84.4 | 84.8 | 85.6 | 85.9 | 85.9 | 86.2 | 86.4 | 86.4 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 1800 | 27.0 | 74.7 | 80.8 | 83.2 | 84.8 | 85.2 | 86.0 | 86.4 | 86.4 | 86.6 | 86.9 | 86.9 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 1500 | 27.0 | 75.7 | 82.1 | 84.8 | 86.6 | 87.1 | 87.9 | 88.3 | 88.3 | 88.6 | 88.8 | 88.8 | 89.0 | 89.0 | 89.0 | 89.1 |
| ≥ 1200 | 27.0 | 76.3 | 82.9 | 85.6 | 87.6 | 88.1 | 89.0 | 89.4 | 89.4 | 89.7 | 89.9 | 89.9 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1000 | 27.0 | 76.8 | 83.4 | 86.4 | 88.5 | 89.1 | 90.1 | 90.6 | 90.6 | 90.9 | 91.1 | 91.1 | 91.3 | 91.3 | 91.3 | 91.4 |
| ≥ 900 | 27.0 | 77.1 | 83.8 | 86.9 | 89.0 | 89.7 | 90.7 | 91.1 | 91.1 | 91.5 | 91.7 | 91.7 | 91.9 | 91.9 | 91.9 | 92.0 |
| ≥ 800 | 27.0 | 77.2 | 83.9 | 87.0 | 89.2 | 89.9 | 91.1 | 91.5 | 91.5 | 91.9 | 92.2 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 700 | 27.0 | 77.3 | 84.2 | 87.3 | 89.7 | 90.3 | 91.7 | 92.2 | 92.2 | 92.5 | 92.8 | 92.9 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 600 | 27.0 | 77.5 | 84.6 | 87.9 | 90.4 | 91.2 | 92.8 | 93.4 | 93.4 | 93.7 | 94.1 | 94.1 | 94.4 | 94.4 | 94.4 | 94.5 |
| ≥ 500 | 27.0 | 77.6 | 84.8 | 88.3 | 90.9 | 91.7 | 93.5 | 94.5 | 94.5 | 95.0 | 95.3 | 95.3 | 95.6 | 95.6 | 95.7 | 95.8 |
| ≥ 400 | 27.0 | 77.7 | 85.1 | 88.6 | 91.4 | 92.3 | 94.1 | 95.1 | 95.1 | 95.6 | 96.0 | 96.0 | 96.3 | 96.3 | 96.4 | 96.5 |
| ≥ 300 | 27.0 | 77.7 | 85.2 | 88.8 | 91.6 | 92.5 | 94.8 | 95.8 | 96.0 | 96.8 | 97.2 | 97.2 | 97.5 | 97.5 | 97.6 | 97.7 |
| ≥ 200 | 27.0 | 77.8 | 85.2 | 88.8 | 91.8 | 92.7 | 94.9 | 96.1 | 96.3 | 97.4 | 97.9 | 97.9 | 98.3 | 98.3 | 98.6 | 98.7 |
| ≥ 100 | 27.0 | 77.8 | 85.2 | 88.8 | 91.8 | 92.7 | 94.9 | 96.1 | 96.3 | 97.4 | 97.9 | 97.9 | 98.4 | 98.4 | 98.8 | 99.3 |
| 0 | 27.0 | 77.8 | 85.2 | 88.8 | 91.8 | 92.7 | 94.9 | 96.1 | 96.3 | 97.4 | 97.9 | 97.9 | 98.4 | 98.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2426

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

SPEEDIFORM® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 16.2 | 49.1 | 52.7 | 54.6 | 55.7 | 55.9 | 56.3 | 56.4 | 56.4 | 56.8 | 56.9 | 57.0 | 57.3 | 57.5 | 57.6 | 57.8 |
| ≥ 20000 | 17.6 | 53.3 | 57.1 | 59.3 | 60.4 | 60.6 | 61.0 | 61.3 | 61.3 | 61.7 | 61.9 | 61.9 | 62.4 | 62.5 | 62.6 | 62.8 |
| ≥ 18000 | 17.6 | 53.9 | 57.7 | 59.9 | 61.0 | 61.2 | 61.6 | 61.9 | 61.9 | 62.3 | 62.5 | 62.5 | 63.0 | 63.1 | 63.2 | 63.4 |
| ≥ 16000 | 17.7 | 54.5 | 58.4 | 60.6 | 61.7 | 61.8 | 62.2 | 62.5 | 62.5 | 62.9 | 63.1 | 63.1 | 63.6 | 63.7 | 63.8 | 64.1 |
| ≥ 14000 | 17.9 | 55.5 | 59.6 | 61.7 | 62.9 | 63.1 | 63.5 | 63.8 | 63.8 | 64.2 | 64.3 | 64.4 | 64.8 | 65.0 | 65.1 | 65.3 |
| ≥ 12000 | 18.3 | 56.9 | 61.0 | 63.3 | 64.5 | 64.7 | 65.1 | 65.4 | 65.4 | 65.8 | 66.0 | 66.0 | 66.4 | 66.6 | 66.7 | 66.9 |
| ≥ 10000 | 18.9 | 59.2 | 63.6 | 66.0 | 67.2 | 67.4 | 67.9 | 68.2 | 68.2 | 68.6 | 68.8 | 68.8 | 69.2 | 69.4 | 69.5 | 69.7 |
| ≥ 9000 | 19.0 | 59.9 | 64.5 | 67.0 | 68.3 | 68.4 | 69.0 | 69.3 | 69.3 | 69.7 | 69.9 | 69.9 | 70.4 | 70.5 | 70.6 | 70.8 |
| ≥ 8000 | 19.6 | 61.6 | 66.4 | 69.0 | 70.5 | 70.7 | 71.3 | 71.6 | 71.6 | 72.0 | 72.1 | 72.2 | 72.6 | 72.8 | 72.9 | 73.1 |
| ≥ 7000 | 19.7 | 62.9 | 68.0 | 70.7 | 72.2 | 72.3 | 73.0 | 73.2 | 73.2 | 73.7 | 73.9 | 73.9 | 74.4 | 74.5 | 74.6 | 74.8 |
| ≥ 6000 | 19.8 | 63.8 | 69.0 | 71.6 | 73.2 | 73.4 | 74.0 | 74.3 | 74.3 | 74.8 | 74.9 | 75.0 | 75.5 | 75.6 | 75.7 | 75.9 |
| ≥ 5000 | 20.2 | 65.9 | 71.3 | 74.0 | 75.7 | 75.8 | 76.5 | 76.9 | 76.9 | 77.4 | 77.5 | 77.6 | 78.1 | 78.2 | 78.3 | 78.5 |
| ≥ 4500 | 20.2 | 66.5 | 72.1 | 74.9 | 76.7 | 76.8 | 77.5 | 77.9 | 77.9 | 78.4 | 78.5 | 78.6 | 79.1 | 79.2 | 79.3 | 79.5 |
| ≥ 4000 | 20.4 | 67.8 | 73.7 | 76.7 | 78.4 | 78.6 | 79.3 | 79.7 | 79.7 | 80.2 | 80.3 | 80.4 | 80.9 | 81.0 | 81.1 | 81.3 |
| ≥ 3500 | 20.6 | 68.5 | 74.5 | 77.5 | 79.4 | 79.6 | 80.2 | 80.6 | 80.6 | 81.1 | 81.3 | 81.3 | 81.8 | 81.9 | 82.1 | 82.3 |
| ≥ 3000 | 20.8 | 69.5 | 75.7 | 78.7 | 80.6 | 80.8 | 81.5 | 81.9 | 81.9 | 82.4 | 82.5 | 82.6 | 83.1 | 83.2 | 83.3 | 83.6 |
| ≥ 2500 | 20.8 | 70.2 | 76.4 | 79.5 | 81.5 | 81.7 | 82.4 | 82.8 | 82.8 | 83.3 | 83.5 | 83.5 | 84.0 | 84.2 | 84.3 | 84.5 |
| ≥ 2000 | 20.8 | 71.3 | 77.6 | 80.8 | 83.0 | 83.2 | 84.0 | 84.5 | 84.5 | 85.0 | 85.2 | 85.2 | 85.7 | 85.9 | 86.0 | 86.2 |
| ≥ 1800 | 20.8 | 71.4 | 77.7 | 81.0 | 83.2 | 83.4 | 84.3 | 84.7 | 84.7 | 85.2 | 85.4 | 85.4 | 86.0 | 86.1 | 86.2 | 86.4 |
| ≥ 1500 | 20.9 | 71.9 | 78.4 | 81.8 | 84.3 | 84.5 | 85.4 | 85.9 | 85.9 | 86.4 | 86.6 | 86.6 | 87.1 | 87.3 | 87.4 | 87.6 |
| ≥ 1200 | 20.9 | 72.9 | 79.6 | 83.2 | 85.7 | 86.0 | 87.0 | 87.5 | 87.5 | 88.0 | 88.2 | 88.2 | 88.7 | 88.9 | 89.0 | 89.2 |
| ≥ 1000 | 21.0 | 73.5 | 80.3 | 84.1 | 86.7 | 87.0 | 88.0 | 88.5 | 88.5 | 89.0 | 89.2 | 89.2 | 89.8 | 89.9 | 90.0 | 90.2 |
| ≥ 900 | 21.0 | 73.8 | 80.6 | 84.6 | 87.2 | 87.5 | 88.5 | 89.0 | 89.0 | 89.5 | 89.7 | 89.7 | 90.3 | 90.4 | 90.5 | 90.7 |
| ≥ 800 | 21.0 | 74.1 | 81.0 | 85.4 | 88.0 | 88.3 | 89.4 | 89.9 | 89.9 | 90.4 | 90.7 | 90.8 | 91.3 | 91.5 | 91.6 | 91.8 |
| ≥ 700 | 21.0 | 74.2 | 81.1 | 85.7 | 88.5 | 88.8 | 90.0 | 90.5 | 90.5 | 91.0 | 91.3 | 91.3 | 91.9 | 92.0 | 92.2 | 92.4 |
| ≥ 600 | 21.0 | 74.6 | 81.6 | 86.3 | 89.3 | 89.6 | 91.0 | 91.5 | 91.5 | 92.1 | 92.4 | 92.4 | 93.0 | 93.1 | 93.2 | 93.4 |
| ≥ 500 | 21.0 | 74.7 | 82.1 | 87.0 | 90.1 | 90.4 | 92.1 | 92.7 | 92.9 | 93.5 | 93.8 | 93.8 | 94.4 | 94.5 | 94.6 | 94.8 |
| ≥ 400 | 21.0 | 74.9 | 82.4 | 87.4 | 90.7 | 91.1 | 93.0 | 93.7 | 93.9 | 94.6 | 95.0 | 95.0 | 95.6 | 95.7 | 95.9 | 96.2 |
| ≥ 300 | 21.0 | 74.9 | 82.5 | 87.5 | 90.9 | 91.3 | 93.7 | 94.5 | 94.8 | 95.6 | 96.0 | 96.0 | 96.6 | 96.7 | 96.9 | 97.2 |
| ≥ 200 | 21.0 | 74.9 | 82.5 | 87.5 | 91.1 | 91.7 | 94.2 | 95.2 | 95.5 | 96.4 | 96.9 | 97.0 | 97.6 | 97.7 | 97.9 | 98.2 |
| ≥ 100 | 21.0 | 74.9 | 82.5 | 87.5 | 91.1 | 91.7 | 94.3 | 95.3 | 95.5 | 96.5 | 97.2 | 97.2 | 97.9 | 98.1 | 98.6 | 99.0 |
| ≥ 0 | 21.0 | 74.9 | 82.5 | 87.5 | 91.1 | 91.7 | 94.3 | 95.3 | 95.5 | 96.5 | 97.2 | 97.3 | 98.0 | 98.2 | 98.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2426

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

SPERRY-RAND MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

0000-0200 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 15.3 | 51.2 | 54.1 | 56.1 | 57.7 | 57.9 | 58.6 | 58.9 | 59.1 | 59.4 | 59.5 | 59.5 | 59.7 | 59.8 | 60.1 | 60.3 |
| ≥ 20000 | 16.2 | 54.9 | 58.1 | 60.3 | 61.9 | 62.1 | 62.8 | 63.1 | 63.3 | 63.6 | 63.7 | 63.7 | 64.1 | 64.1 | 64.4 | 64.7 |
| ≥ 18000 | 16.2 | 55.0 | 58.3 | 60.4 | 62.1 | 62.3 | 63.0 | 63.3 | 63.5 | 63.8 | 64.0 | 64.0 | 64.3 | 64.4 | 64.7 | 64.9 |
| ≥ 16000 | 16.2 | 55.2 | 58.5 | 60.6 | 62.3 | 62.5 | 63.2 | 63.5 | 63.7 | 64.0 | 64.2 | 64.2 | 64.5 | 64.6 | 64.9 | 65.1 |
| ≥ 14000 | 16.6 | 56.6 | 60.1 | 62.3 | 63.9 | 64.1 | 64.8 | 65.1 | 65.3 | 65.7 | 65.8 | 65.8 | 66.2 | 66.2 | 66.5 | 66.8 |
| ≥ 12000 | 16.9 | 58.0 | 61.6 | 63.8 | 65.5 | 65.7 | 66.5 | 66.8 | 66.9 | 67.4 | 67.5 | 67.5 | 67.8 | 67.9 | 68.2 | 68.4 |
| ≥ 10000 | 17.5 | 59.8 | 63.5 | 65.7 | 67.5 | 67.7 | 68.5 | 68.8 | 69.0 | 69.4 | 69.5 | 69.5 | 69.9 | 69.9 | 70.2 | 70.5 |
| ≥ 9000 | 17.7 | 60.7 | 64.5 | 66.8 | 68.6 | 68.8 | 69.6 | 69.9 | 70.0 | 70.5 | 70.6 | 70.6 | 70.9 | 71.0 | 71.3 | 71.6 |
| ≥ 8000 | 17.9 | 62.2 | 66.0 | 68.4 | 70.2 | 70.5 | 71.2 | 71.6 | 71.7 | 72.1 | 72.3 | 72.3 | 72.6 | 72.7 | 73.0 | 73.3 |
| ≥ 7000 | 18.0 | 63.7 | 67.7 | 70.1 | 72.1 | 72.3 | 73.1 | 73.4 | 73.6 | 74.0 | 74.2 | 74.2 | 74.5 | 74.6 | 74.9 | 75.1 |
| ≥ 6000 | 18.0 | 64.7 | 68.7 | 71.2 | 73.2 | 73.4 | 74.2 | 74.6 | 74.7 | 75.2 | 75.3 | 75.3 | 75.6 | 75.7 | 76.0 | 76.3 |
| ≥ 5000 | 18.2 | 66.3 | 70.6 | 73.2 | 75.4 | 75.6 | 76.5 | 76.8 | 77.0 | 77.5 | 77.7 | 77.7 | 78.0 | 78.1 | 78.4 | 78.6 |
| ≥ 4500 | 18.2 | 66.6 | 70.9 | 73.6 | 75.8 | 76.0 | 76.8 | 77.2 | 77.4 | 77.9 | 78.0 | 78.0 | 78.4 | 78.4 | 78.7 | 79.0 |
| ≥ 4000 | 18.5 | 68.4 | 72.9 | 75.6 | 77.9 | 78.1 | 79.0 | 79.4 | 79.6 | 80.1 | 80.2 | 80.2 | 80.6 | 80.6 | 80.9 | 81.2 |
| ≥ 3500 | 18.5 | 69.0 | 73.6 | 76.4 | 78.8 | 79.0 | 80.0 | 80.4 | 80.5 | 81.1 | 81.2 | 81.2 | 81.5 | 81.6 | 81.9 | 82.2 |
| ≥ 3000 | 18.5 | 69.7 | 74.4 | 77.3 | 79.8 | 80.0 | 81.0 | 81.4 | 81.6 | 82.1 | 82.3 | 82.3 | 82.6 | 82.7 | 83.0 | 83.3 |
| ≥ 2500 | 18.6 | 70.5 | 75.3 | 78.3 | 80.8 | 81.0 | 82.1 | 82.6 | 82.7 | 83.3 | 83.5 | 83.5 | 83.8 | 83.9 | 84.2 | 84.4 |
| ≥ 2000 | 18.6 | 71.5 | 76.4 | 79.6 | 82.2 | 82.4 | 83.6 | 84.1 | 84.2 | 85.0 | 85.2 | 85.2 | 85.5 | 85.6 | 85.9 | 86.1 |
| ≥ 1800 | 18.7 | 71.8 | 76.8 | 80.0 | 82.7 | 82.9 | 84.2 | 84.6 | 84.8 | 85.5 | 85.7 | 85.7 | 86.0 | 86.1 | 86.4 | 86.7 |
| ≥ 1500 | 18.8 | 72.5 | 77.5 | 80.9 | 83.9 | 84.1 | 85.4 | 85.8 | 86.0 | 86.8 | 86.9 | 86.9 | 87.3 | 87.3 | 87.6 | 87.9 |
| ≥ 1200 | 18.8 | 73.1 | 78.3 | 81.8 | 84.9 | 85.1 | 86.4 | 86.9 | 87.0 | 87.8 | 88.0 | 88.0 | 88.3 | 88.4 | 88.7 | 88.9 |
| ≥ 1000 | 18.9 | 73.7 | 79.3 | 83.0 | 86.3 | 86.5 | 87.9 | 88.3 | 88.5 | 89.4 | 89.5 | 89.5 | 89.8 | 89.9 | 90.2 | 90.5 |
| ≥ 900 | 18.9 | 73.9 | 79.5 | 83.2 | 86.4 | 86.7 | 88.2 | 88.6 | 88.8 | 89.6 | 89.8 | 89.8 | 90.1 | 90.2 | 90.5 | 90.7 |
| ≥ 800 | 18.9 | 74.2 | 79.8 | 83.7 | 87.2 | 87.4 | 89.0 | 89.4 | 89.6 | 90.4 | 90.6 | 90.6 | 90.9 | 91.0 | 91.3 | 91.6 |
| ≥ 700 | 19.0 | 74.4 | 80.2 | 84.2 | 87.8 | 88.1 | 89.7 | 90.1 | 90.3 | 91.1 | 91.3 | 91.3 | 91.7 | 91.8 | 92.1 | 92.3 |
| ≥ 600 | 19.0 | 74.6 | 80.6 | 84.6 | 88.5 | 88.7 | 90.5 | 91.0 | 91.1 | 92.0 | 92.1 | 92.2 | 92.5 | 92.6 | 92.9 | 93.2 |
| ≥ 500 | 19.0 | 74.9 | 80.9 | 85.1 | 89.2 | 89.5 | 91.4 | 92.1 | 92.3 | 93.2 | 93.3 | 93.4 | 93.8 | 93.9 | 94.2 | 94.4 |
| ≥ 400 | 19.0 | 75.0 | 81.4 | 85.7 | 90.3 | 90.6 | 93.0 | 93.8 | 94.0 | 94.9 | 95.1 | 95.1 | 95.6 | 95.7 | 96.0 | 96.3 |
| ≥ 300 | 19.0 | 75.0 | 81.5 | 85.9 | 90.7 | 91.1 | 93.6 | 94.5 | 94.7 | 95.7 | 95.9 | 95.9 | 96.5 | 96.8 | 97.1 | 97.4 |
| ≥ 200 | 19.0 | 75.0 | 81.5 | 85.9 | 90.7 | 91.1 | 93.8 | 95.0 | 95.2 | 96.3 | 96.6 | 96.7 | 97.2 | 97.6 | 98.1 | 98.3 |
| ≥ 100 | 19.0 | 75.0 | 81.5 | 85.9 | 90.7 | 91.1 | 93.8 | 95.0 | 95.2 | 96.4 | 96.8 | 96.8 | 97.6 | 98.0 | 98.6 | 99.0 |
| ≥ 0 | 19.0 | 75.0 | 81.5 | 85.9 | 90.7 | 91.1 | 93.8 | 95.0 | 95.2 | 96.4 | 96.8 | 96.8 | 97.6 | 98.0 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2677

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

0300-0500 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 14.5 | 48.1 | 51.1 | 53.2 | 54.6 | 54.8 | 55.5 | 56.0 | 56.0 | 56.6 | 57.0 | 57.0 | 57.3 | 57.5 | 58.1 | 58.8 |
| ≥ 20000 | 15.3 | 51.5 | 54.9 | 57.0 | 58.4 | 58.6 | 59.4 | 59.9 | 59.9 | 60.5 | 60.9 | 60.9 | 61.2 | 61.3 | 62.0 | 62.7 |
| ≥ 18000 | 15.3 | 51.6 | 55.0 | 57.2 | 58.7 | 58.9 | 59.6 | 60.1 | 60.1 | 60.8 | 61.1 | 61.2 | 61.5 | 61.6 | 62.2 | 63.0 |
| ≥ 16000 | 15.3 | 52.0 | 55.3 | 57.5 | 59.0 | 59.2 | 60.0 | 60.4 | 60.4 | 61.1 | 61.5 | 61.5 | 61.8 | 61.9 | 62.6 | 63.3 |
| ≥ 14000 | 15.4 | 52.9 | 56.4 | 58.5 | 60.0 | 60.2 | 61.0 | 61.4 | 61.4 | 62.1 | 62.5 | 62.5 | 62.8 | 63.0 | 63.6 | 64.3 |
| ≥ 12000 | 16.0 | 54.8 | 58.5 | 60.8 | 62.3 | 62.5 | 63.3 | 63.8 | 63.8 | 64.5 | 64.9 | 64.9 | 65.2 | 65.4 | 66.0 | 66.7 |
| ≥ 10000 | 16.4 | 56.8 | 60.6 | 63.0 | 64.6 | 64.7 | 65.6 | 66.0 | 66.0 | 66.7 | 67.1 | 67.2 | 67.5 | 67.6 | 68.2 | 69.0 |
| ≥ 9000 | 16.5 | 57.5 | 61.4 | 63.8 | 65.5 | 65.7 | 66.5 | 67.0 | 67.0 | 67.6 | 68.1 | 68.1 | 68.4 | 68.5 | 69.2 | 69.9 |
| ≥ 8000 | 16.7 | 59.3 | 63.5 | 66.0 | 67.7 | 67.9 | 68.7 | 69.2 | 69.2 | 69.9 | 70.3 | 70.3 | 70.6 | 70.8 | 71.4 | 72.1 |
| ≥ 7000 | 16.7 | 60.5 | 64.7 | 67.3 | 69.0 | 69.2 | 70.0 | 70.5 | 70.5 | 71.2 | 71.6 | 71.6 | 71.9 | 72.1 | 72.7 | 73.4 |
| ≥ 6000 | 16.8 | 61.5 | 65.8 | 68.4 | 70.2 | 70.4 | 71.3 | 71.8 | 71.8 | 72.5 | 72.9 | 72.9 | 73.3 | 73.4 | 74.1 | 74.8 |
| ≥ 5000 | 16.8 | 63.2 | 67.8 | 70.4 | 72.4 | 72.6 | 73.7 | 74.2 | 74.2 | 74.9 | 75.3 | 75.4 | 75.7 | 75.8 | 76.5 | 77.2 |
| ≥ 4500 | 16.9 | 63.7 | 68.4 | 71.0 | 73.1 | 73.3 | 74.4 | 74.9 | 74.9 | 75.6 | 76.0 | 76.1 | 76.4 | 76.6 | 77.2 | 77.9 |
| ≥ 4000 | 16.9 | 64.9 | 69.8 | 72.7 | 74.8 | 75.0 | 76.1 | 76.7 | 76.7 | 77.5 | 77.9 | 77.9 | 78.3 | 78.4 | 79.1 | 79.8 |
| ≥ 3500 | 17.0 | 65.3 | 70.3 | 73.2 | 75.4 | 75.6 | 76.8 | 77.3 | 77.3 | 78.2 | 78.6 | 78.6 | 78.9 | 79.1 | 79.7 | 80.4 |
| ≥ 3000 | 17.0 | 66.1 | 71.2 | 74.1 | 76.3 | 76.6 | 77.7 | 78.3 | 78.3 | 79.2 | 79.6 | 79.6 | 79.9 | 80.1 | 80.7 | 81.4 |
| ≥ 2500 | 17.0 | 66.6 | 71.9 | 74.9 | 77.2 | 77.4 | 78.7 | 79.3 | 79.3 | 80.2 | 80.6 | 80.6 | 81.0 | 81.1 | 81.7 | 82.4 |
| ≥ 2000 | 17.0 | 67.3 | 72.6 | 75.8 | 78.3 | 78.6 | 79.9 | 80.5 | 80.5 | 81.4 | 81.8 | 81.9 | 82.2 | 82.4 | 83.0 | 83.7 |
| ≥ 1800 | 17.1 | 67.7 | 73.1 | 76.3 | 78.7 | 79.0 | 80.4 | 81.0 | 81.0 | 81.8 | 82.3 | 82.3 | 82.6 | 82.8 | 83.4 | 84.1 |
| ≥ 1500 | 17.1 | 68.3 | 73.8 | 77.3 | 79.8 | 80.1 | 81.5 | 82.1 | 82.1 | 83.1 | 83.5 | 83.5 | 83.9 | 84.0 | 84.6 | 85.4 |
| ≥ 1200 | 17.1 | 69.0 | 74.7 | 78.2 | 80.8 | 81.1 | 82.6 | 83.2 | 83.2 | 84.1 | 84.5 | 84.6 | 84.9 | 85.1 | 85.7 | 86.4 |
| ≥ 1000 | 17.2 | 69.7 | 75.5 | 79.3 | 82.1 | 82.4 | 84.0 | 84.7 | 84.7 | 85.7 | 86.1 | 86.1 | 86.5 | 86.6 | 87.3 | 88.0 |
| ≥ 900 | 17.2 | 69.8 | 75.8 | 79.6 | 82.4 | 82.8 | 84.5 | 85.1 | 85.1 | 86.1 | 86.5 | 86.6 | 86.9 | 87.1 | 87.7 | 88.4 |
| ≥ 800 | 17.2 | 70.0 | 76.1 | 80.2 | 83.3 | 83.7 | 85.4 | 86.1 | 86.1 | 87.1 | 87.5 | 87.5 | 87.8 | 88.0 | 88.6 | 89.3 |
| ≥ 700 | 17.2 | 70.3 | 76.5 | 80.6 | 84.0 | 84.3 | 86.2 | 86.9 | 86.9 | 87.9 | 88.3 | 88.3 | 88.7 | 88.8 | 89.5 | 90.2 |
| ≥ 600 | 17.2 | 70.6 | 77.0 | 81.3 | 84.9 | 85.4 | 87.3 | 88.0 | 88.0 | 89.0 | 89.4 | 89.5 | 89.8 | 89.9 | 90.6 | 91.3 |
| ≥ 500 | 17.2 | 71.0 | 77.4 | 81.9 | 85.9 | 86.4 | 88.4 | 89.2 | 89.2 | 90.3 | 90.7 | 90.7 | 91.1 | 91.2 | 91.8 | 92.5 |
| ≥ 400 | 17.2 | 71.4 | 78.0 | 82.7 | 87.3 | 87.9 | 90.2 | 91.1 | 91.1 | 92.4 | 92.9 | 92.9 | 93.3 | 93.4 | 94.1 | 94.8 |
| ≥ 300 | 17.2 | 71.6 | 78.3 | 83.1 | 87.8 | 88.4 | 91.3 | 92.3 | 92.3 | 93.7 | 94.3 | 94.4 | 94.9 | 95.0 | 95.6 | 96.3 |
| ≥ 200 | 17.2 | 71.6 | 78.3 | 83.1 | 88.0 | 88.6 | 91.5 | 92.8 | 92.9 | 94.6 | 95.4 | 95.6 | 96.0 | 96.3 | 97.1 | 97.8 |
| ≥ 100 | 17.2 | 71.6 | 78.3 | 83.1 | 88.0 | 88.6 | 91.5 | 92.8 | 92.9 | 94.9 | 95.7 | 95.9 | 96.5 | 96.8 | 98.0 | 99.0 |
| 0 | 17.2 | 71.6 | 78.3 | 83.1 | 88.0 | 88.6 | 91.5 | 92.8 | 92.9 | 94.9 | 95.7 | 95.9 | 96.5 | 96.8 | 98.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2683

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

SPEEDLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅜ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 17.7 | 43.3 | 45.6 | 47.4 | 48.0 | 48.9 | 49.8 | 50.1 | 50.2 | 50.7 | 51.0 | 51.0 | 51.3 | 51.5 | 51.9 | 52.4 |
| ≥ 20000 | 19.4 | 48.6 | 51.1 | 53.1 | 54.5 | 54.8 | 55.6 | [illegible] | 56.2 | 56.7 | 57.0 | 57.1 | 57.5 | 57.6 | 58.1 | 58.6 |
| ≥ 18000 | 19.5 | 49.0 | 51.7 | 53.7 | 55.1 | 55.4 | 56.2 | [illegible] | 56.8 | 57.3 | 57.6 | 57.7 | 58.1 | 58.2 | 58.6 | 59.2 |
| ≥ 16000 | 19.5 | 49.2 | 51.9 | 53.9 | 55.3 | 55.7 | 56.5 | 57.0 | 57.1 | 57.6 | 57.9 | 58.0 | 58.3 | 58.5 | 58.9 | 59.5 |
| ≥ 14000 | 20.0 | 50.5 | 53.3 | 55.4 | 56.9 | 57.2 | 58.1 | 58.5 | 58.6 | 59.2 | 59.5 | 59.6 | 59.9 | 60.1 | 60.5 | 61.1 |
| ≥ 12000 | 20.2 | 52.2 | 55.4 | 57.6 | 59.1 | 59.5 | 60.3 | 60.8 | 60.9 | 61.4 | 61.7 | 61.9 | 62.2 | 62.4 | 62.8 | 63.4 |
| ≥ 10000 | 20.8 | 54.3 | 57.7 | 59.9 | 61.4 | 61.8 | 62.6 | 63.1 | 63.2 | 63.8 | 64.1 | 64.2 | 64.5 | 64.7 | 65.1 | 65.7 |
| ≥ 9000 | 21.0 | 54.9 | 58.2 | 60.5 | 62.0 | 62.4 | 63.2 | 63.7 | 63.8 | 64.4 | 64.7 | 64.8 | 65.1 | 65.3 | 65.7 | 66.3 |
| ≥ 8000 | 21.5 | 57.1 | 60.7 | 63.0 | 64.5 | 64.9 | 65.8 | 66.3 | 66.5 | 67.0 | 67.2 | 67.4 | 67.8 | 67.9 | 68.4 | 68.9 |
| ≥ 7000 | 21.7 | 58.2 | 61.9 | 64.3 | 65.9 | 66.3 | 67.2 | 67.8 | 67.9 | 68.4 | 68.7 | 68.8 | 69.2 | 69.4 | 69.8 | 70.3 |
| ≥ 6000 | 22.0 | 59.7 | 63.7 | 66.2 | 67.9 | 68.4 | 69.3 | 69.8 | 70.0 | 70.5 | 70.9 | 71.0 | 71.4 | 71.6 | 72.1 | 72.7 |
| ≥ 5000 | 22.3 | 61.6 | 65.6 | 68.2 | 70.1 | 70.6 | 71.5 | 72.1 | 72.3 | 72.9 | 73.3 | 73.4 | 73.8 | 74.0 | 74.4 | 75.1 |
| ≥ 4500 | 22.3 | 62.0 | 66.0 | 68.7 | 70.6 | 71.0 | 71.9 | 72.6 | 72.8 | 73.4 | 73.8 | 73.9 | 74.3 | 74.5 | 74.9 | 75.6 |
| ≥ 4000 | 22.3 | 62.9 | 67.1 | 69.8 | 71.7 | 72.2 | 73.2 | 73.9 | 74.1 | 74.8 | 75.2 | 75.4 | 75.8 | 76.1 | 76.5 | 77.1 |
| ≥ 3500 | 22.3 | 63.6 | 67.9 | 70.8 | 72.7 | 73.2 | 74.3 | 75.0 | 75.2 | 75.8 | 76.2 | 76.4 | 76.9 | 77.1 | 77.5 | 78.1 |
| ≥ 3000 | 22.4 | 64.4 | 68.9 | 71.8 | 73.8 | 74.3 | 75.4 | 76.1 | 76.3 | 77.0 | 77.4 | 77.6 | 78.1 | 78.3 | 78.7 | 79.3 |
| ≥ 2500 | 22.6 | 65.0 | 69.7 | 72.7 | 74.7 | 75.2 | 76.4 | 77.1 | 77.3 | 78.0 | 78.4 | 78.6 | 79.1 | 79.3 | 79.7 | 80.4 |
| ≥ 2000 | 22.8 | 65.8 | 70.5 | 73.6 | 75.7 | 76.3 | 77.4 | 78.1 | 78.4 | 79.2 | 79.6 | 79.8 | 80.3 | 80.5 | 81.0 | 81.6 |
| ≥ 1800 | 22.9 | 66.1 | 70.9 | 74.0 | 76.1 | 76.7 | 77.8 | 78.6 | 78.8 | 79.6 | 80.1 | 80.3 | 80.8 | 81.0 | 81.4 | 82.1 |
| ≥ 1500 | 22.9 | 66.6 | 71.5 | 74.7 | 77.2 | 77.8 | 79.0 | 79.8 | 80.0 | 80.8 | 81.3 | 81.5 | 82.0 | 82.2 | 82.7 | 83.3 |
| ≥ 1200 | 22.9 | 67.6 | 72.5 | 75.9 | 78.5 | 79.2 | 80.5 | 81.3 | 81.6 | 82.4 | 82.9 | 83.1 | 83.6 | 83.8 | 84.2 | 84.9 |
| ≥ 1000 | 23.0 | 68.3 | 73.4 | 76.8 | 79.9 | 80.6 | 81.9 | 82.8 | 83.1 | 84.0 | 84.5 | 84.7 | 85.2 | 85.4 | 85.8 | 86.5 |
| ≥ 900 | 23.0 | 68.5 | 73.7 | 77.2 | 80.4 | 81.1 | 82.4 | 83.3 | 83.6 | 84.5 | 85.0 | 85.2 | 85.7 | 86.0 | 86.4 | 87.0 |
| ≥ 800 | 23.0 | 68.8 | 74.2 | 77.7 | 81.2 | 82.0 | 83.5 | 84.4 | 84.8 | 85.7 | 86.3 | 86.5 | 87.0 | 87.3 | 87.7 | 88.3 |
| ≥ 700 | 23.0 | 69.3 | 74.7 | 78.4 | 82.2 | 83.0 | 84.8 | 85.7 | 86.1 | 87.0 | 87.6 | 87.8 | 88.4 | 88.6 | 89.1 | 89.7 |
| ≥ 600 | 23.1 | 69.7 | 75.2 | 79.0 | 83.0 | 83.8 | 86.0 | 87.0 | 87.4 | 88.5 | 89.0 | 89.2 | 89.8 | 90.0 | 90.5 | 91.1 |
| ≥ 500 | 23.1 | 69.9 | 75.8 | 79.7 | 84.2 | 85.1 | 87.4 | 88.5 | 89.0 | 90.2 | 90.8 | 91.0 | 91.6 | 91.8 | 92.3 | 92.9 |
| ≥ 400 | 23.2 | 70.2 | 76.3 | 80.5 | 85.2 | 86.1 | 88.7 | 90.0 | 90.5 | 91.8 | 92.5 | 92.7 | 93.4 | 93.6 | 94.1 | 94.8 |
| ≥ 300 | 23.2 | 70.2 | 76.5 | 80.8 | 85.7 | 86.7 | 89.7 | 91.1 | 91.7 | 93.2 | 94.1 | 94.4 | 95.2 | 95.4 | 95.9 | 96.6 |
| ≥ 200 | 23.2 | 70.2 | 76.5 | 80.8 | 85.8 | 86.8 | 89.9 | 91.5 | 92.2 | 93.9 | 95.1 | 95.4 | 96.5 | 96.9 | 97.5 | 98.3 |
| ≥ 100 | 23.2 | 70.2 | 76.5 | 80.8 | 85.8 | 86.8 | 90.0 | 91.6 | 92.2 | 93.9 | 95.3 | 95.6 | 96.8 | 97.2 | 98.0 | 99.3 |
| ≥ 0 | 23.2 | 70.2 | 76.5 | 80.8 | 85.8 | 86.8 | 90.0 | 91.6 | 92.2 | 93.9 | 95.3 | 95.6 | 96.8 | 97.3 | 98.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2677

USAF ETAC FORM JUL 69 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

SPEEDIGRAF® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

0900-1100 (HOURS L S T)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | > ¼ | ≥ 0 |
| NO CEILING | 25.7 | 50.1 | 51.6 | 52.1 | 52.2 | 52.2 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | 29.3 | 57.5 | 59.2 | 59.7 | 59.8 | 59.8 | 59.9 | 59.9 | 59.9 | 59.9 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 | 60.0 |
| ≥ 18000 | 29.3 | 57.9 | 59.6 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 | 60.5 |
| ≥ 16000 | 29.4 | 58.0 | 59.7 | 60.3 | 60.5 | 60.5 | 60.5 | 60.5 | 60.6 | 60.6 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 | 60.7 |
| ≥ 14000 | 29.8 | 59.2 | 60.9 | 61.6 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 62.0 | 62.0 | 62.0 | 62.0 | 62.0 | 62.1 |
| ≥ 12000 | 30.5 | 61.1 | 63.0 | 63.6 | 63.9 | 63.9 | 63.9 | 63.9 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 10000 | 31.4 | 63.2 | 65.3 | 66.0 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 9000 | 31.7 | 64.4 | 66.6 | 67.3 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.8 |
| ≥ 8000 | 32.5 | 66.5 | 68.8 | 69.7 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.3 |
| ≥ 7000 | 32.8 | 67.9 | 70.4 | 71.5 | 71.8 | 71.8 | 71.8 | 71.8 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 6000 | 33.1 | 69.2 | 71.8 | 73.0 | 73.3 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 5000 | 33.8 | 71.2 | 74.0 | 75.2 | 75.5 | 75.5 | 75.6 | 75.7 | 75.7 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 4500 | 33.8 | 71.6 | 74.4 | 75.6 | 75.9 | 75.9 | 76.0 | 76.0 | 76.1 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 |
| ≥ 4000 | 34.0 | 72.6 | 75.8 | 77.1 | 77.4 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.9 |
| ≥ 3500 | 34.1 | 73.6 | 76.7 | 78.1 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 3000 | 34.6 | 74.6 | 78.2 | 79.6 | 80.1 | 80.1 | 80.4 | 80.4 | 80.5 | 80.5 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 2500 | 35.0 | 75.6 | 79.3 | 80.8 | 81.5 | 81.5 | 81.8 | 81.9 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.2 |
| ≥ 2000 | 35.4 | 76.7 | 80.6 | 82.3 | 83.1 | 83.1 | 83.5 | 83.6 | 83.7 | 83.7 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 84.0 |
| ≥ 1800 | 35.5 | 77.1 | 81.1 | 82.7 | 83.5 | 83.6 | 84.0 | 84.0 | 84.1 | 84.2 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 1500 | 35.8 | 78.1 | 82.3 | 83.9 | 84.9 | 85.0 | 85.5 | 85.6 | 85.6 | 85.8 | 85.9 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 1200 | 36.0 | 79.1 | 83.6 | 85.4 | 86.5 | 86.7 | 87.2 | 87.4 | 87.5 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 |
| ≥ 1000 | 36.2 | 80.0 | 84.7 | 86.6 | 87.8 | 88.0 | 88.6 | 88.7 | 88.9 | 89.0 | 89.1 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 900 | 36.3 | 80.4 | 85.2 | 87.1 | 88.4 | 88.6 | 89.3 | 89.5 | 89.6 | 89.9 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.2 |
| ≥ 800 | 36.5 | 80.8 | 85.7 | 87.8 | 89.4 | 89.5 | 90.4 | 90.7 | 90.8 | 91.1 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.5 |
| ≥ 700 | 36.5 | 81.2 | 86.3 | 88.6 | 90.3 | 90.5 | 91.8 | 92.0 | 92.1 | 92.5 | 92.7 | 92.7 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 600 | 36.5 | 81.6 | 86.8 | 89.2 | 91.0 | 91.3 | 92.7 | 93.1 | 93.2 | 93.6 | 93.8 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 |
| ≥ 500 | 36.6 | 82.0 | 87.6 | 90.2 | 92.3 | 92.7 | 94.4 | 94.9 | 95.1 | 95.7 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.2 |
| ≥ 400 | 36.6 | 82.3 | 87.9 | 90.6 | 92.8 | 93.2 | 95.2 | 96.0 | 96.3 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 |
| ≥ 300 | 36.6 | 82.4 | 88.0 | 90.8 | 93.0 | 93.4 | 95.7 | 96.9 | 97.2 | 98.2 | 98.6 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 200 | 36.6 | 82.4 | 88.0 | 90.8 | 93.0 | 93.4 | 95.7 | 96.9 | 97.2 | 98.4 | 98.8 | 99.1 | 99.3 | 99.3 | 99.3 | 99.6 |
| ≥ 100 | 36.6 | 82.4 | 88.0 | 90.8 | 93.0 | 93.4 | 95.7 | 96.9 | 97.2 | 98.4 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 99.9 |
| 0 | 36.6 | 82.4 | 88.0 | 90.8 | 93.0 | 93.4 | 95.7 | 96.9 | 97.2 | 98.4 | 98.9 | 99.1 | 99.4 | 99.4 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2682

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

SPEEDILOG® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

1200-1400 (HOURS (ST))

## 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 | 28.0 | 51.3 | 52.1 | 52.5 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 | 52.6 |
| ≥ 20000 | 32.9 | 59.9 | 61.3 | 61.7 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 | 61.9 |
| ≥ 18000 | 33.2 | 60.5 | 61.8 | 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 |
| ≥ 16000 | 33.2 | 60.7 | 62.1 | 62.5 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 | 62.8 |
| ≥ 14000 | 33.7 | 61.8 | 63.4 | 63.7 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 | 64.1 |
| ≥ 12000 | 34.2 | 63.3 | 64.9 | 65.3 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 10000 | 35.4 | 66.2 | 67.8 | 68.2 | 68.6 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 9000 | 35.6 | 67.1 | 68.8 | 69.2 | 69.6 | 69.6 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 8000 | 36.5 | 68.9 | 70.6 | 71.0 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 7000 | 36.7 | 70.0 | 72.0 | 72.5 | 73.1 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 6000 | 37.1 | 70.9 | 73.2 | 73.7 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 5000 | 37.4 | 72.5 | 74.8 | 75.4 | 76.1 | 76.1 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 | 76.3 |
| ≥ 4500 | 37.5 | 73.0 | 75.4 | 76.1 | 76.7 | 76.7 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 4000 | 38.3 | 74.9 | 77.6 | 78.2 | 78.9 | 78.9 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 3500 | 38.9 | 76.5 | 79.3 | 79.9 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 3000 | 39.7 | 78.3 | 81.3 | 82.2 | 82.9 | 82.9 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 2500 | 40.4 | 80.1 | 83.2 | 84.2 | 85.0 | 85.0 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 2000 | 41.1 | 81.7 | 84.9 | 86.1 | 87.1 | 87.1 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 1800 | 41.2 | 82.0 | 85.2 | 86.5 | 87.4 | 87.5 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 1500 | 41.5 | 83.0 | 86.4 | 87.8 | 88.8 | 88.9 | 89.2 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1200 | 41.7 | 84.2 | 87.8 | 89.4 | 90.5 | 90.7 | 91.1 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1000 | 41.9 | 85.1 | 88.9 | 90.6 | 91.9 | 92.1 | 92.6 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 900 | 41.9 | 85.4 | 89.5 | 91.3 | 92.7 | 92.9 | 93.4 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 800 | 41.9 | 85.8 | 89.9 | 91.9 | 93.3 | 93.5 | 94.1 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 700 | 41.9 | 86.1 | 90.3 | 92.3 | 93.7 | 94.0 | 94.8 | 95.2 | 95.2 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 600 | 41.9 | 86.4 | 90.7 | 92.9 | 94.5 | 94.8 | 95.9 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 500 | 41.9 | 86.6 | 91.1 | 93.5 | 95.3 | 95.7 | 96.9 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 41.9 | 86.7 | 91.3 | 93.8 | 95.7 | 96.1 | 97.5 | 98.3 | 98.4 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 41.9 | 86.9 | 91.5 | 94.1 | 96.0 | 96.4 | 97.9 | 98.8 | 99.0 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 200 | 41.9 | 86.9 | 91.5 | 94.2 | 96.1 | 96.5 | 98.1 | 99.0 | 99.1 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 41.9 | 86.9 | 91.5 | 94.2 | 96.1 | 96.5 | 98.1 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 41.9 | 86.9 | 91.5 | 94.2 | 96.1 | 96.5 | 98.1 | 99.0 | 99.2 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2678

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

1500-1700 (HOURS LST)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1'' | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 28.0 | 51.3 | 52.2 | 52.6 | 52.9 | 52.9 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.1 | 53.1 | 53.1 | 53.1 | 53.1 |
| ≥ 20000 | 33.5 | 61.2 | 62.4 | 63.1 | 63.6 | 63.6 | 63.7 | 63.7 | 63.7 | 63.8 | 63.8 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 18000 | 33.8 | 61.6 | 62.8 | 63.5 | 64.0 | 64.0 | 64.1 | 64.1 | 64.1 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 16000 | 33.9 | 61.8 | 63.0 | 63.7 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.5 | 64.5 |
| ≥ 14000 | 34.4 | 62.9 | 64.1 | 64.9 | 65.4 | 65.4 | 65.5 | 65.5 | 65.5 | 65.6 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 12000 | 35.3 | 64.8 | 66.1 | 66.8 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 10000 | 36.1 | 66.8 | 68.3 | 69.1 | 69.7 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 9000 | 36.5 | 67.9 | 69.3 | 70.2 | 70.8 | 70.8 | 71.0 | 71.0 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 8000 | 36.9 | 69.3 | 71.0 | 71.8 | 72.5 | 72.5 | 72.7 | 72.7 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 7000 | 37.4 | 70.5 | 72.3 | 73.1 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 6000 | 37.9 | 71.8 | 73.6 | 74.6 | 75.2 | 75.3 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 5000 | 38.6 | 73.7 | 75.7 | 76.8 | 77.6 | 77.6 | 77.8 | 77.8 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 4500 | 38.6 | 73.8 | 76.0 | 77.2 | 78.0 | 78.0 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 4000 | 39.9 | 76.1 | 78.5 | 79.8 | 80.7 | 80.7 | 81.0 | 81.0 | 81.1 | 81.2 | 81.2 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 3500 | 40.2 | 77.1 | 79.6 | 81.4 | 82.3 | 82.3 | 82.7 | 82.7 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 3000 | 40.7 | 78.4 | 81.4 | 83.1 | 84.2 | 84.2 | 84.7 | 84.7 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 2500 | 41.0 | 80.0 | 83.2 | 84.9 | 86.2 | 86.3 | 86.8 | 86.8 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2000 | 41.4 | 81.1 | 84.5 | 86.3 | 87.9 | 88.0 | 88.5 | 88.8 | 88.9 | 89.1 | 89.1 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 1800 | 41.4 | 81.4 | 84.9 | 86.8 | 88.4 | 88.5 | 89.1 | 89.3 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 1500 | 41.7 | 82.1 | 85.7 | 87.6 | 89.4 | 89.5 | 90.2 | 90.4 | 90.5 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 1200 | 41.8 | 83.0 | 86.9 | 89.0 | 90.8 | 90.9 | 91.8 | 92.1 | 92.2 | 92.4 | 92.5 | 92.6 | 92.6 | 92.[illegible] | 92.6 | 92.6 |
| ≥ 1000 | 41.8 | 83.4 | 87.3 | 89.4 | 91.4 | 91.5 | 92.5 | 92.8 | 92.9 | 93.2 | 93.4 | 93.4 | 93.4 | 93. | 93.5 | 93.5 |
| ≥ 900 | 41.8 | 83.6 | 87.5 | 89.8 | 91.8 | 92.0 | 93.0 | 93.3 | 93.4 | 93.8 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 |
| ≥ 800 | 41.8 | 83.8 | 87.8 | 90.2 | 92.3 | 92.5 | 93.6 | 94.0 | 94.1 | 94.4 | 94.6 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 700 | 41.9 | 84.1 | 88.1 | 90.6 | 92.9 | 93.1 | 94.2 | 94.8 | 94.9 | 95.3 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 |
| ≥ 600 | 41.9 | 84.5 | 88.7 | 91.4 | 93.8 | 94.1 | 95.3 | 95.9 | 96.0 | 96.5 | 96.7 | 96.7 | 96.7 | 96.8 | 96.9 | 96.9 |
| ≥ 500 | 41.9 | 84.6 | 89.0 | 91.8 | 94.5 | 94.9 | 96.2 | 96.9 | 97.0 | 97.6 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 |
| ≥ 400 | 41.9 | 84.8 | 89.2 | 92.1 | 94.9 | 95.3 | 96.7 | 97.4 | 97.5 | 98.1 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 300 | 41.9 | 84.8 | 89.3 | 92.3 | 95.2 | 95.7 | 97.1 | 97.9 | 98.0 | 98.8 | 99.3 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 |
| ≥ 200 | 41.9 | 84.8 | 89.3 | 92.3 | 95.2 | 95.7 | 97.1 | 97.9 | 98.1 | 98.9 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 41.9 | 84.8 | 89.3 | 92.3 | 95.2 | 95.7 | 97.1 | 97.9 | 98.1 | 98.9 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 |
| 0 | 41.9 | 84.8 | 89.3 | 92.3 | 95.2 | 95.7 | 97.1 | 97.9 | 98.1 | 98.9 | 99.5 | 99.6 | 99.7 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2672

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.5 | 52.2 | 54.2 | 55.5 | 56.2 | 56.3 | 56.6 | 56.7 | 56.7 | 56.8 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 | 56.9 |
| ≥ 20000 | 27.1 | 59.4 | 62.0 | 63.6 | 64.4 | 64.5 | 64.7 | 64.9 | 64.9 | 65.0 | 65.1 | 65.1 | 65.1 | 65.1 | 65.2 | 65.2 |
| ≥ 18000 | 27.4 | 60.1 | 62.8 | 64.4 | 65.2 | 65.3 | 65.6 | 65.7 | 65.7 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 66.0 | 66.0 |
| ≥ 16000 | 27.4 | 60.4 | 63.1 | 64.8 | 65.6 | 65.7 | 66.0 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 |
| ≥ 14000 | 27.9 | 61.9 | 64.6 | 66.3 | 67.1 | 67.2 | 67.6 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 |
| ≥ 12000 | 28.6 | 63.6 | 66.5 | 68.3 | 69.2 | 69.3 | 69.6 | 69.7 | 69.7 | 69.8 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 |
| ≥ 10000 | 29.3 | 65.7 | 68.8 | 70.7 | 71.7 | 71.8 | 72.1 | 72.2 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 9000 | 29.6 | 67.0 | 70.2 | 72.1 | 73.2 | 73.3 | 73.6 | 73.7 | 73.7 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 8000 | 30.2 | 68.6 | 71.9 | 73.8 | 75.0 | 75.0 | 75.4 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 | 75.7 | 75.8 | 75.8 |
| ≥ 7000 | 30.5 | 69.5 | 72.8 | 74.8 | 76.0 | 76.1 | 76.5 | 76.6 | 76.6 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.9 | 76.9 |
| ≥ 6000 | 30.8 | 70.8 | 74.3 | 76.4 | 77.6 | 77.6 | 78.1 | 78.2 | 78.2 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 5000 | 31.4 | 73.0 | 76.6 | 78.7 | 79.9 | 80.0 | 80.6 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 |
| ≥ 4500 | 31.7 | 73.5 | 77.1 | 79.3 | 80.6 | 80.7 | 81.3 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 |
| ≥ 4000 | 32.1 | 74.7 | 78.7 | 81.2 | 82.5 | 82.6 | 83.3 | 83.4 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 3500 | 32.1 | 75.1 | 79.1 | 81.8 | 83.1 | 83.2 | 83.9 | 84.1 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 |
| ≥ 3000 | 32.5 | 76.2 | 80.3 | 83.2 | 84.6 | 84.7 | 85.5 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 |
| ≥ 2500 | 32.5 | 76.7 | 81.3 | 84.2 | 85.6 | 85.8 | 86.7 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 2000 | 32.6 | 77.7 | 82.4 | 85.8 | 87.4 | 87.7 | 88.7 | 89.1 | 89.1 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 1800 | 32.6 | 78.0 | 82.7 | 86.2 | 87.9 | 88.1 | 89.2 | 89.6 | 89.6 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 |
| ≥ 1500 | 32.7 | 78.5 | 83.5 | 87.0 | 88.8 | 89.1 | 90.2 | 90.7 | 90.7 | 90.9 | 91.1 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 |
| ≥ 1200 | 32.7 | 78.9 | 84.0 | 87.5 | 89.5 | 89.8 | 91.1 | 91.6 | 91.6 | 91.8 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 |
| ≥ 1000 | 32.8 | 79.3 | 84.5 | 88.1 | 90.2 | 90.5 | 91.9 | 92.3 | 92.3 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 |
| ≥ 900 | 32.9 | 79.5 | 84.8 | 88.5 | 90.6 | 90.8 | 92.2 | 92.7 | 92.8 | 93.2 | 93.5 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 800 | 32.9 | 79.8 | 85.3 | 89.2 | 91.4 | 91.7 | 93.2 | 93.8 | 93.8 | 94.2 | 94.6 | 94.6 | 94.7 | 94.7 | 94.8 | 94.8 |
| ≥ 700 | 32.9 | 79.9 | 85.4 | 89.4 | 91.7 | 91.9 | 93.5 | 94.0 | 94.1 | 94.5 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 600 | 32.9 | 80.1 | 85.7 | 89.8 | 92.3 | 92.7 | 94.4 | 94.9 | 95.0 | 95.4 | 95.9 | 95.9 | 96.0 | 96.0 | 96.1 | 96.1 |
| ≥ 500 | 32.9 | 80.1 | 85.7 | 89.9 | 92.7 | 93.1 | 94.9 | 95.6 | 95.6 | 96.1 | 96.6 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 |
| ≥ 400 | 32.9 | 80.1 | 85.9 | 90.1 | 93.1 | 93.5 | 95.7 | 96.6 | 96.6 | 97.1 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 300 | 32.9 | 80.3 | 86.0 | 90.2 | 93.3 | 93.8 | 96.1 | 97.2 | 97.3 | 97.9 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 200 | 32.9 | 80.3 | 86.0 | 90.2 | 93.3 | 93.8 | 96.1 | 97.5 | 97.5 | 98.1 | 98.8 | 98.8 | 98.9 | 99.0 | 99.1 | 99.1 |
| ≥ 100 | 32.9 | 80.3 | 86.0 | 90.2 | 93.3 | 93.8 | 96.1 | 97.5 | 97.5 | 98.1 | 98.8 | 98.8 | 99.0 | 99.0 | 99.5 | 99.5 |
| 0 | 32.9 | 80.3 | 86.0 | 90.2 | 93.3 | 93.8 | 96.1 | 97.5 | 97.5 | 98.1 | 98.8 | 98.8 | 99.0 | 99.0 | 99.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2675

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.4 | 54.8 | 57.5 | 59.2 | 60.1 | 60.3 | 60.7 | 60.9 | 60.9 | 61.2 | 61.4 | 61.4 | 61.5 | 61.6 | 62.0 | 62.1 |
| ≥ 20000 | 21.6 | 59.2 | 62.3 | 64.3 | 65.3 | 65.5 | 65.9 | 66.1 | 66.1 | 66.4 | 66.7 | 66.7 | 66.8 | 66.8 | 67.3 | 67.3 |
| ≥ 18000 | 21.7 | 59.6 | 62.7 | 64.7 | 65.7 | 65.9 | 66.3 | 66.5 | 66.5 | 66.8 | 67.1 | 67.1 | 67.2 | 67.3 | 67.7 | 67.7 |
| ≥ 16000 | 21.9 | 60.0 | 63.1 | 65.1 | 66.1 | 66.3 | 66.7 | 66.9 | 66.9 | 67.1 | 67.4 | 67.4 | 67.6 | 67.6 | 68.0 | 68.1 |
| ≥ 14000 | 22.2 | 61.4 | 64.5 | 66.5 | 67.5 | 67.7 | 68.1 | 68.3 | 68.3 | 68.6 | 68.9 | 68.9 | 69.0 | 69.0 | 69.5 | 69.5 |
| ≥ 12000 | 22.5 | 62.5 | 65.7 | 67.8 | 68.8 | 69.0 | 69.4 | 69.6 | 69.6 | 69.9 | 70.2 | 70.2 | 70.3 | 70.3 | 70.8 | 70.9 |
| ≥ 10000 | 23.3 | 64.3 | 67.7 | 69.9 | 71.0 | 71.2 | 71.6 | 71.8 | 71.8 | 72.1 | 72.4 | 72.4 | 72.5 | 72.5 | 73.0 | 73.1 |
| ≥ 9000 | 23.6 | 65.4 | 68.8 | 70.9 | 72.2 | 72.4 | 72.8 | 73.1 | 73.1 | 73.3 | 73.6 | 73.6 | 73.7 | 73.8 | 74.2 | 74.3 |
| ≥ 8000 | 24.1 | 67.0 | 70.5 | 72.7 | 74.0 | 74.3 | 74.7 | 75.0 | 75.0 | 75.2 | 75.5 | 75.5 | 75.7 | 75.8 | 76.2 | 76.3 |
| ≥ 7000 | 24.2 | 68.4 | 72.1 | 74.3 | 75.7 | 75.9 | 76.4 | 76.7 | 76.7 | 76.9 | 77.2 | 77.2 | 77.4 | 77.5 | 77.9 | 78.0 |
| ≥ 6000 | 24.3 | 69.4 | 73.1 | 75.5 | 76.9 | 77.2 | 77.7 | 78.0 | [illegible].0 | 78.3 | 78.6 | 78.6 | 78.7 | 78.8 | 79.2 | 79.3 |
| ≥ 5000 | 24.4 | 70.9 | 74.7 | 77.2 | 78.7 | 79.0 | 79.5 | 79.8 | 79.8 | 80.1 | 80.4 | 80.4 | 80.6 | 80.6 | 81.1 | 81.2 |
| ≥ 4500 | 24.5 | 71.6 | 75.4 | 77.8 | 79.3 | 79.7 | 80.2 | 80.5 | 80.5 | 80.8 | 81.1 | 81.1 | 81.2 | 81.3 | 81.7 | 81.8 |
| ≥ 4000 | 24.6 | 72.4 | 76.2 | 78.7 | 80.4 | 80.8 | 81.3 | 81.6 | 81.6 | 81.9 | 82.2 | 82.2 | 82.4 | 82.4 | 82.8 | 83.0 |
| ≥ 3500 | 24.7 | 73.1 | 77.0 | 79.6 | 81.3 | 81.6 | 82.2 | 82.5 | 82.5 | 82.8 | 83.1 | 83.1 | 83.3 | 83.3 | 83.8 | 83.9 |
| ≥ 3000 | 24.9 | 73.9 | 78.1 | 80.8 | 82.7 | 83.0 | 83.6 | 83.9 | 83.9 | 84.1 | 84.4 | 84.4 | 84.7 | 84.7 | 85.2 | 85.3 |
| ≥ 2500 | 24.9 | 74.4 | 78.6 | 81.5 | 83.4 | 83.8 | 84.4 | 84.8 | 84.9 | 85.1 | 85.4 | 85.4 | 85.7 | 85.7 | 86.2 | 86.3 |
| ≥ 2000 | 25.1 | 75.5 | 79.8 | 83.0 | 85.1 | 85.5 | 86.2 | 86.6 | 86.6 | 87.1 | 87.4 | 87.4 | 87.6 | 87.7 | 88.1 | 88.2 |
| ≥ 1800 | 25.1 | 75.7 | 80.0 | 83.2 | 85.3 | 85.7 | 86.5 | 86.9 | 86.9 | 87.3 | 87.6 | 87.6 | 87.9 | 87.9 | 88.4 | 88.5 |
| ≥ 1500 | 25.2 | 76.2 | 80.5 | 83.8 | 86.2 | 86.6 | 87.4 | 87.9 | 88.0 | 88.4 | 88.7 | 88.7 | 89.0 | 89.0 | 89.5 | 89.6 |
| ≥ 1200 | 25.3 | 76.7 | 81.3 | 84.8 | 87.2 | 87.6 | 88.5 | 89.0 | 89.1 | 89.6 | 89.9 | 89.9 | 90.1 | 90.2 | 90.6 | 90.7 |
| ≥ 1000 | 25.4 | 77.2 | 82.1 | 85.8 | 88.4 | 88.8 | 89.9 | 90.4 | 90.5 | 91.0 | 91.3 | 91.3 | 91.5 | 91.6 | 92.1 | 92.2 |
| ≥ 900 | 25.5 | 77.3 | 82.3 | 86.0 | 88.7 | 89.1 | 90.2 | 90.7 | 90.7 | 91.3 | 91.6 | 91.6 | 91.8 | 91.9 | 92.4 | 92.5 |
| ≥ 800 | 25.5 | 77.6 | 82.7 | 86.6 | 89.3 | 89.8 | 90.8 | 91.6 | 91.6 | 92.2 | 92.5 | 92.5 | 92.6 | 92.8 | 93.3 | 93.4 |
| ≥ 700 | 25.5 | 77.8 | 83.0 | 87.1 | 89.9 | 90.3 | 91.5 | 92.2 | 92.3 | 92.9 | 93.2 | 93.2 | 93.5 | 93.5 | 94.0 | 94.1 |
| ≥ 600 | 25.5 | 78.1 | 83.5 | 87.7 | 90.5 | 91.0 | 92.2 | 93.0 | 93.0 | 93.6 | 93.9 | 93.9 | 94.2 | 94.3 | 94.7 | 94.8 |
| ≥ 500 | 25.5 | 78.2 | 83.7 | 88.2 | 91.2 | 91.8 | 93.1 | 94.0 | 94.0 | 94.7 | 95.0 | 95.0 | 95.4 | 95.4 | 95.9 | 96.0 |
| ≥ 400 | 25.5 | 78.5 | 84.1 | 88.8 | 92.0 | 92.7 | 94.2 | 95.1 | 95.2 | 95.9 | 96.2 | 96.2 | 96.5 | 96.6 | 97.1 | 97.2 |
| ≥ 300 | 25.5 | 78.5 | 84.1 | 88.9 | 92.3 | 93.1 | 94.7 | 95.8 | 95.9 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 97.9 | 98.0 |
| ≥ 200 | 25.5 | 78.5 | 84.2 | 89.0 | 92.4 | 93.1 | 95.0 | 96.3 | 96.3 | 97.3 | 97.7 | 97.7 | 98.0 | 98.1 | 98.7 | 98.8 |
| ≥ 100 | 25.5 | 78.5 | 84.2 | 89.0 | 92.4 | 93.1 | 95.0 | 96.3 | 96.4 | 97.4 | 97.8 | 97.8 | 98.2 | 98.4 | 99.1 | 99.3 |
| ≥ 0 | 25.5 | 78.5 | 84.2 | 89.0 | 92.4 | 93.1 | 95.0 | 96.3 | 96.4 | 97.4 | 97.8 | 97.8 | 98.3 | 98.4 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2681

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 17.1 | 58.9 | 62.4 | 64.1 | 64.8 | 64.9 | 65.4 | 65.7 | 65.7 | 66.0 | 66.2 | 66.2 | 66.6 | 66.6 | 66.8 | 66.9 |
| ≥ 20000 | 18.0 | 62.3 | 65.8 | 67.7 | 68.6 | 68.8 | 69.3 | 69.6 | 69.7 | 70.0 | 70.3 | 70.3 | 70.6 | 70.6 | 70.8 | 70.9 |
| ≥ 18000 | 18.0 | 62.9 | 66.4 | 68.3 | 69.2 | 69.3 | 69.8 | 70.2 | 70.2 | 70.5 | 70.8 | 70.8 | 71.1 | 71.2 | 71.3 | 71.4 |
| ≥ 16000 | 18.1 | 63.2 | 66.8 | 68.7 | 69.6 | 69.8 | 70.3 | 70.6 | 70.6 | 71.0 | 71.2 | 71.2 | 71.6 | 71.6 | 71.8 | 71.8 |
| ≥ 14000 | 18.9 | 64.6 | 68.3 | 70.3 | 71.2 | 71.4 | 71.9 | 72.2 | 72.3 | 72.6 | 72.9 | 72.9 | 73.2 | 73.3 | 73.4 | 73.5 |
| ≥ 12000 | 19.0 | 66.0 | 69.8 | 71.8 | 72.7 | 72.9 | 73.5 | 73.8 | 73.9 | 74.2 | 74.5 | 74.5 | 74.9 | 74.9 | 75.0 | 75.1 |
| ≥ 10000 | 19.3 | 68.1 | 72.0 | 74.0 | 74.9 | 75.1 | 75.7 | 76.1 | 76.1 | 76.5 | 76.7 | 76.7 | 77.1 | 77.1 | 77.3 | 77.4 |
| ≥ 9000 | 19.4 | 68.8 | 72.8 | 74.8 | 75.7 | 75.9 | 76.5 | 76.9 | 76.9 | 77.3 | 77.6 | 77.6 | 77.9 | 77.9 | 78.1 | 78.2 |
| ≥ 8000 | 19.8 | 70.7 | 75.1 | 77.2 | 78.2 | 78.3 | 79.0 | 79.3 | 79.4 | 79.8 | 80.1 | 80.1 | 80.4 | 80.5 | 80.6 | 80.7 |
| ≥ 7000 | 20.1 | 71.8 | 76.2 | 78.3 | 79.4 | 79.5 | 80.2 | 80.6 | 80.6 | 81.0 | 81.3 | 81.3 | 81.7 | 81.7 | 81.8 | 81.9 |
| ≥ 6000 | 20.3 | 73.2 | 77.6 | 79.8 | 81.0 | 81.1 | 81.8 | 82.2 | 82.3 | 82.7 | 83.0 | 83.0 | 83.3 | 83.4 | 83.5 | 83.6 |
| ≥ 5000 | 20.4 | 74.2 | 78.9 | 81.2 | 82.3 | 82.5 | 83.2 | 83.7 | 83.7 | 84.1 | 84.4 | 84.4 | 84.8 | 84.8 | 85.0 | 85.1 |
| ≥ 4500 | 20.4 | 74.3 | 79.0 | 81.5 | 82.7 | 82.9 | 83.6 | 84.0 | 84.1 | 84.5 | 84.8 | 84.8 | 85.1 | 85.2 | 85.3 | 85.4 |
| ≥ 4000 | 20.6 | 75.4 | 80.3 | 82.9 | 84.2 | 84.4 | 85.1 | 85.6 | 85.6 | 86.0 | 86.3 | 86.3 | 86.7 | 86.7 | 86.9 | 86.9 |
| ≥ 3500 | 20.8 | 76.2 | 81.3 | 83.9 | 85.3 | 85.5 | 86.2 | 86.7 | 86.7 | 87.1 | 87.4 | 87.4 | 87.8 | 87.8 | 87.9 | 88.0 |
| ≥ 3000 | 20.8 | 76.9 | 82.0 | 84.7 | 86.1 | 86.3 | 87.0 | 87.5 | 87.5 | 87.9 | 88.2 | 88.2 | 88.6 | 88.6 | 88.8 | 88.8 |
| ≥ 2500 | 21.0 | 77.6 | 83.0 | 85.8 | 87.3 | 87.4 | 88.2 | 88.7 | 88.7 | 89.1 | 89.4 | 89.4 | 89.8 | 89.8 | 90.0 | 90.0 |
| ≥ 2000 | 21.1 | 78.9 | 84.4 | 87.2 | 88.6 | 88.8 | 89.6 | 90.1 | 90.1 | 90.5 | 90.8 | 90.8 | 91.2 | 91.2 | 91.3 | 91.4 |
| ≥ 1800 | 21.1 | 79.3 | 84.9 | 87.7 | 89.2 | 89.3 | 90.1 | 90.6 | 90.7 | 91.0 | 91.3 | 91.3 | 91.7 | 91.7 | 91.9 | 92.0 |
| ≥ 1500 | 21.1 | 79.6 | 85.4 | 88.4 | 90.0 | 90.2 | 91.0 | 91.5 | 91.6 | 92.0 | 92.3 | 92.3 | 92.6 | 92.7 | 92.8 | 92.9 |
| ≥ 1200 | 21.1 | 80.0 | 85.9 | 89.1 | 90.9 | 91.0 | 91.9 | 92.4 | 92.5 | 92.9 | 93.2 | 93.2 | 93.5 | 93.6 | 93.7 | 93.8 |
| ≥ 1000 | 21.2 | 80.5 | 86.4 | 89.9 | 91.8 | 91.9 | 92.7 | 93.3 | 93.4 | 93.8 | 94.1 | 94.1 | 94.5 | 94.6 | 94.7 | 94.8 |
| ≥ 900 | 21.2 | 80.6 | 86.6 | 90.1 | 92.1 | 92.2 | 93.1 | 93.7 | 93.7 | 94.2 | 94.5 | 94.5 | 94.9 | 94.9 | 95.1 | 95.2 |
| ≥ 800 | 21.2 | 80.9 | 87.0 | 90.6 | 92.7 | 92.9 | 93.8 | 94.4 | 94.4 | 94.9 | 95.2 | 95.2 | 95.6 | 95.7 | 95.8 | 95.9 |
| ≥ 700 | 21.2 | 81.1 | 87.3 | 90.9 | 93.1 | 93.2 | 94.2 | 94.7 | 94.8 | 95.3 | 95.6 | 95.6 | 96.0 | 96.1 | 96.2 | 96.3 |
| ≥ 600 | 21.2 | 81.5 | 87.8 | 91.6 | 93.9 | 94.0 | 94.9 | 95.5 | 95.6 | 96.2 | 96.5 | 96.5 | 96.9 | 96.9 | 97.1 | 97.2 |
| ≥ 500 | 21.2 | 81.8 | 88.3 | 92.2 | 94.6 | 94.8 | 95.8 | 96.3 | 96.4 | 97.0 | 97.3 | 97.3 | 97.7 | 97.8 | 97.9 | 98.0 |
| ≥ 400 | 21.2 | 81.8 | 88.3 | 92.3 | 94.9 | 95.1 | 96.1 | 96.7 | 96.8 | 97.4 | 97.7 | 97.7 | 98.1 | 98.1 | 98.3 | 98.3 |
| ≥ 300 | 21.2 | 81.8 | 88.4 | 92.4 | 95.1 | 95.4 | 96.5 | 97.1 | 97.2 | 97.8 | 98.1 | 98.1 | 98.6 | 98.6 | 98.8 | 98.9 |
| ≥ 200 | 21.2 | 81.8 | 88.4 | 92.4 | 95.2 | 95.4 | 96.6 | 97.4 | 97.5 | 98.1 | 98.5 | 98.5 | 99.0 | 99.0 | 99.2 | 99.3 |
| ≥ 100 | 21.2 | 81.8 | 88.5 | 92.5 | 95.2 | 95.5 | 96.7 | 97.5 | 97.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.7 | 99.8 |
| ≥ 0 | 21.2 | 81.9 | 88.5 | 92.5 | 95.2 | 95.5 | 96.7 | 97.5 | 97.5 | 98.3 | 98.7 | 98.7 | 99.3 | 99.3 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

STEGER 150 MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.9 | 50.9 | 55.7 | 58.4 | 60.0 | 60.1 | 61.0 | 61.7 | 61.7 | 62.3 | 63.0 | 63.0 | 63.5 | 63.7 | 64.3 | 64.7 |
| ≥ 20000 | 15.0 | 55.1 | 60.3 | 63.2 | 64.8 | 65.0 | 66.0 | 66.7 | 66.8 | 67.4 | 68.1 | 68.1 | 68.7 | 68.8 | 69.5 | 69.9 |
| ≥ 18000 | 15.2 | 55.6 | 60.7 | 63.6 | 65.2 | 65.5 | 66.5 | 67.2 | 67.2 | 67.8 | 68.5 | 68.5 | 69.1 | 69.3 | 69.9 | 70.4 |
| ≥ 16000 | 15.4 | 56.0 | 61.1 | 64.0 | 65.7 | 65.9 | 66.9 | 67.6 | 67.7 | 68.3 | 69.0 | 69.0 | 69.6 | 69.7 | 70.4 | 70.8 |
| ≥ 14000 | 15.6 | 57.0 | 62.3 | 65.2 | 66.9 | 67.1 | 68.1 | 68.8 | 68.9 | 69.4 | 70.1 | 70.1 | 70.7 | 70.9 | 71.5 | 72.0 |
| ≥ 12000 | 15.9 | 58.6 | 63.9 | 66.9 | 68.7 | 68.9 | 70.0 | 70.7 | 70.8 | 71.5 | 72.2 | 72.2 | 72.8 | 73.0 | 73.6 | 74.1 |
| ≥ 10000 | 16.3 | 60.5 | 65.9 | 69.1 | 70.9 | 71.1 | 72.2 | 72.9 | 73.0 | 73.8 | 74.5 | 74.5 | 75.0 | 75.2 | 75.8 | 76.3 |
| ≥ 9000 | 16.4 | 61.0 | 66.3 | 69.6 | 71.4 | 71.6 | 72.7 | 73.4 | 73.5 | 74.3 | 75.0 | 75.0 | 75.5 | 75.7 | 76.4 | 76.8 |
| ≥ 8000 | 16.7 | 63.0 | 68.6 | 71.9 | 73.8 | 74.0 | 75.2 | 75.8 | 76.0 | 76.8 | 77.5 | 77.5 | 78.0 | 78.2 | 78.9 | 79.4 |
| ≥ 7000 | 16.9 | 64.1 | 69.8 | 73.1 | 75.1 | 75.3 | 76.5 | 77.2 | 77.3 | 78.1 | 78.8 | 78.8 | 79.4 | 79.6 | 80.2 | 80.7 |
| ≥ 6000 | 16.9 | 64.8 | 70.7 | 74.1 | 76.2 | 76.4 | 77.5 | 78.3 | 78.4 | 79.2 | 79.9 | 79.9 | 80.5 | 80.6 | 81.3 | 81.8 |
| ≥ 5000 | 17.0 | 66.4 | 72.4 | 75.9 | 78.0 | 78.3 | 79.4 | 80.2 | 80.3 | 81.1 | 81.8 | 81.8 | 82.4 | 82.6 | 83.2 | 83.7 |
| ≥ 4500 | 17.0 | 66.6 | 72.5 | 76.1 | 78.4 | 78.6 | 79.8 | 80.6 | 80.7 | 81.5 | 82.2 | 82.2 | 82.8 | 82.9 | 83.6 | 84.1 |
| ≥ 4000 | 17.2 | 67.4 | 73.5 | 77.1 | 79.4 | 79.7 | 80.8 | 81.6 | 81.7 | 82.6 | 83.3 | 83.3 | 83.8 | 84.0 | 84.6 | 85.1 |
| ≥ 3500 | 17.2 | 67.8 | 74.0 | 77.6 | 80.1 | 80.3 | 81.5 | 82.3 | 82.4 | 83.2 | 83.9 | 83.9 | 84.5 | 84.6 | 85.3 | 85.8 |
| ≥ 3000 | 17.3 | 68.5 | 75.2 | 79.1 | 81.6 | 81.9 | 83.0 | 83.8 | 83.9 | 84.8 | 85.5 | 85.5 | 86.1 | 86.2 | 86.9 | 87.4 |
| ≥ 2500 | 17.4 | 69.2 | 76.0 | 80.0 | 82.6 | 82.8 | 84.0 | 84.8 | 84.9 | 85.8 | 86.5 | 86.5 | 87.0 | 87.2 | 87.8 | 88.3 |
| ≥ 2000 | 17.5 | 69.9 | 76.9 | 81.1 | 83.9 | 84.1 | 85.3 | 86.1 | 86.2 | 87.1 | 87.8 | 87.8 | 88.4 | 88.5 | 89.2 | 89.7 |
| ≥ 1800 | 17.6 | 70.2 | 77.2 | 81.4 | 84.3 | 84.5 | 85.7 | 86.5 | 86.6 | 87.5 | 88.2 | 88.2 | 88.8 | 88.9 | 89.6 | 90.1 |
| ≥ 1500 | 17.7 | 70.9 | 78.0 | 82.4 | 85.3 | 85.5 | 86.8 | 87.6 | 87.7 | 88.7 | 89.4 | 89.4 | 89.9 | 90.1 | 90.7 | 91.2 |
| ≥ 1200 | 17.7 | 71.8 | 79.1 | 83.7 | 86.7 | 86.9 | 88.2 | 89.0 | 89.1 | 90.0 | 90.7 | 90.7 | 91.3 | 91.5 | 92.1 | 92.6 |
| ≥ 1000 | 17.8 | 72.3 | 79.6 | 84.3 | 87.5 | 87.7 | 89.0 | 89.8 | 89.9 | 90.9 | 91.7 | 91.7 | 92.2 | 92.4 | 93.1 | 93.6 |
| ≥ 900 | 17.8 | 72.4 | 79.9 | 84.5 | 87.7 | 88.0 | 89.4 | 90.2 | 90.3 | 91.3 | 92.1 | 92.1 | 92.6 | 92.8 | 93.4 | 93.9 |
| ≥ 800 | 17.8 | 72.5 | 80.0 | 84.6 | 88.0 | 88.2 | 89.6 | 90.6 | 90.7 | 91.7 | 92.4 | 92.4 | 93.0 | 93.2 | 93.8 | 94.3 |
| ≥ 700 | 17.8 | 72.8 | 80.4 | 85.1 | 88.6 | 88.9 | 90.3 | 91.3 | 91.4 | 92.4 | 93.2 | 93.2 | 93.8 | 93.9 | 94.6 | 95.1 |
| ≥ 600 | 17.8 | 73.2 | 81.0 | 85.8 | 89.3 | 89.5 | 91.0 | 92.0 | 92.1 | 93.2 | 93.9 | 93.9 | 94.5 | 94.6 | 95.3 | 95.8 |
| ≥ 500 | 17.8 | 73.5 | 81.5 | 86.5 | 90.1 | 90.4 | 91.9 | 92.9 | 93.1 | 94.1 | 94.9 | 94.9 | 95.4 | 95.6 | 96.3 | 96.8 |
| ≥ 400 | 17.8 | 73.6 | 81.6 | 86.7 | 90.5 | 90.8 | 92.4 | 93.4 | 93.5 | 94.6 | 95.4 | 95.4 | 95.9 | 96.1 | 96.8 | 97.3 |
| ≥ 300 | 17.8 | 73.6 | 81.7 | 86.8 | 90.9 | 91.2 | 93.0 | 94.0 | 94.1 | 95.2 | 96.0 | 96.0 | 96.6 | 96.8 | 97.4 | 97.9 |
| ≥ 200 | 17.8 | 73.7 | 81.8 | 86.9 | 91.0 | 91.3 | 93.2 | 94.4 | 94.5 | 95.6 | 96.5 | 96.5 | 97.2 | 97.4 | 98.1 | 98.6 |
| ≥ 100 | 17.8 | 73.8 | 81.8 | 87.0 | 91.0 | 91.4 | 93.3 | 94.5 | 94.6 | 95.9 | 96.8 | 96.8 | 97.5 | 97.8 | 98.7 | 99.4 |
| ≥ 0 | 17.8 | 73.8 | 81.8 | 87.0 | 91.0 | 91.4 | 93.3 | 94.5 | 94.6 | 95.9 | 96.8 | 96.8 | 97.6 | 97.8 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2592

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

0600-0800 (HOURS, LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≤ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.4 | 49.3 | 51.8 | 52.9 | 54.2 | 54.4 | 54.7 | 55.0 | 55.0 | 55.3 | 55.5 | 55.5 | 55.7 | 55.7 | 55.9 | 56.4 |
| ≥ 20000 | 24.6 | 55.4 | 58.3 | 59.8 | 61.4 | 61.6 | 62.1 | 62.4 | 62.4 | 62.8 | 62.9 | 63.0 | 63.2 | 63.2 | 63.5 | 63.9 |
| ≥ 18000 | 24.7 | 55.8 | 58.7 | 60.3 | 61.9 | 62.1 | 62.6 | 62.9 | 62.9 | 63.3 | 63.4 | 63.5 | 63.7 | 63.7 | 64.0 | 64.4 |
| ≥ 16000 | 24.9 | 56.2 | 59.1 | 60.7 | 62.3 | 62.5 | 63.0 | 63.3 | 63.3 | 63.7 | 63.9 | 63.9 | 64.1 | 64.1 | 64.4 | 64.8 |
| ≥ 14000 | 25.4 | 57.3 | 60.3 | 61.9 | 63.6 | 63.8 | 64.3 | 64.6 | 64.6 | 65.0 | 65.2 | 65.2 | 65.4 | 65.4 | 65.7 | 66.2 |
| ≥ 12000 | 26.1 | 59.3 | 62.4 | 64.1 | 65.8 | 66.0 | 66.5 | 66.8 | 66.8 | 67.2 | 67.4 | 67.4 | 67.6 | 67.6 | 68.0 | 68.4 |
| ≥ 10000 | 27.1 | 62.2 | 65.4 | 67.1 | 68.9 | 69.2 | 69.7 | 70.1 | 70.1 | 70.5 | 70.7 | 70.7 | 70.9 | 70.9 | 71.2 | 71.7 |
| ≥ 9000 | 27.4 | 62.9 | 66.3 | 68.1 | 69.9 | 70.2 | 70.7 | 71.1 | 71.1 | 71.5 | 71.7 | 71.7 | 71.9 | 71.9 | 72.2 | 72.7 |
| ≥ 8000 | 27.8 | 64.8 | 68.4 | 70.3 | 72.2 | 72.5 | 73.0 | 73.4 | 73.4 | 73.8 | 73.9 | 74.0 | 74.2 | 74.2 | 74.6 | 75.0 |
| ≥ 7000 | 28.1 | 66.1 | 69.8 | 71.7 | 73.7 | 73.9 | 74.4 | 74.8 | 74.9 | 75.3 | 75.4 | 75.4 | 75.6 | 75.7 | 76.0 | 76.5 |
| ≥ 6000 | 28.5 | 67.5 | 71.5 | 73.6 | 75.6 | 75.9 | 76.4 | 76.8 | 76.9 | 77.3 | 77.4 | 77.5 | 77.6 | 77.7 | 78.0 | 78.5 |
| ≥ 5000 | 28.9 | 69.3 | 73.3 | 75.5 | 77.7 | 78.0 | 78.5 | 78.9 | 79.0 | 79.4 | 79.5 | 79.6 | 79.8 | 79.8 | 80.2 | 80.6 |
| ≥ 4500 | 29.0 | 69.6 | 73.6 | 75.8 | 78.1 | 78.4 | 79.0 | 79.3 | 79.4 | 79.8 | 80.0 | 80.0 | 80.2 | 80.3 | 80.6 | 81.0 |
| ≥ 4000 | 29.3 | 70.7 | 74.9 | 77.2 | 79.5 | 79.8 | 80.4 | 80.8 | 80.8 | 81.2 | 81.4 | 81.4 | 81.6 | 81.7 | 82.0 | 82.5 |
| ≥ 3500 | 29.5 | 71.4 | 75.8 | 78.0 | 80.4 | 80.7 | 81.3 | 81.7 | 81.8 | 82.2 | 82.3 | 82.4 | 82.5 | 82.7 | 83.0 | 83.4 |
| ≥ 3000 | 29.8 | 72.3 | 76.8 | 79.3 | 81.6 | 81.9 | 82.5 | 82.9 | 83.0 | 83.4 | 83.6 | 83.6 | 83.8 | 83.9 | 84.2 | 84.7 |
| ≥ 2500 | 30.0 | 72.7 | 77.4 | 80.0 | 82.4 | 82.6 | 83.2 | 83.7 | 83.8 | 84.2 | 84.4 | 84.4 | 84.6 | 84.7 | 85.0 | 85.5 |
| ≥ 2000 | 30.3 | 73.8 | 78.5 | 81.2 | 83.7 | 83.9 | 84.6 | 85.1 | 85.2 | 85.6 | 85.8 | 85.8 | 86.1 | 86.2 | 86.5 | 86.9 |
| ≥ 1800 | 30.4 | 74.0 | 78.7 | 81.5 | 83.9 | 84.2 | 84.8 | 85.4 | 85.4 | 85.8 | 86.1 | 86.1 | 86.3 | 86.4 | 86.8 | 87.2 |
| ≥ 1500 | 30.7 | 74.9 | 79.8 | 82.7 | 85.3 | 85.6 | 86.2 | 86.8 | 86.9 | 87.3 | 87.6 | 87.6 | 87.9 | 88.0 | 88.3 | 88.8 |
| ≥ 1200 | 31.0 | 75.9 | 81.0 | 84.0 | 86.7 | 87.0 | 87.6 | 88.3 | 88.3 | 88.8 | 89.1 | 89.1 | 89.3 | 89.5 | 89.8 | 90.2 |
| ≥ 1000 | 31.1 | 76.7 | 82.0 | 85.1 | 87.9 | 88.2 | 88.9 | 89.5 | 89.6 | 90.0 | 90.3 | 90.4 | 90.6 | 90.7 | 91.0 | 91.5 |
| ≥ 900 | 31.3 | 77.0 | 82.3 | 85.5 | 88.4 | 88.6 | 89.3 | 90.0 | 90.1 | 90.5 | 90.8 | 90.8 | 91.1 | 91.2 | 91.5 | 92.0 |
| ≥ 800 | 31.4 | 77.6 | 83.2 | 86.4 | 89.4 | 89.7 | 90.4 | 91.0 | 91.2 | 91.6 | 91.9 | 92.0 | 92.2 | 92.4 | 92.7 | 93.1 |
| ≥ 700 | 31.4 | 78.0 | 83.6 | 86.8 | 90.0 | 90.3 | 91.1 | 91.8 | 91.9 | 92.4 | 92.7 | 92.7 | 93.0 | 93.1 | 93.4 | 93.9 |
| ≥ 600 | 31.5 | 78.5 | 84.2 | 87.7 | 91.0 | 91.5 | 92.4 | 93.1 | 93.2 | 93.6 | 93.9 | 94.0 | 94.2 | 94.4 | 94.7 | 95.1 |
| ≥ 500 | 31.6 | 79.0 | 84.8 | 88.5 | 91.9 | 92.3 | 93.2 | 94.0 | 94.1 | 94.6 | 95.0 | 95.0 | 95.3 | 95.4 | 95.7 | 96.2 |
| ≥ 400 | 31.7 | 79.2 | 85.1 | 88.9 | 92.4 | 92.9 | 94.1 | 94.8 | 94.9 | 95.6 | 96.0 | 96.1 | 96.3 | 96.4 | 96.8 | 97.2 |
| ≥ 300 | 31.7 | 79.2 | 85.3 | 89.0 | 92.7 | 93.2 | 94.6 | 95.5 | 95.6 | 96.3 | 96.8 | 96.8 | 97.1 | 97.3 | 97.8 | 98.2 |
| ≥ 200 | 31.7 | 79.2 | 85.3 | 89.0 | 92.7 | 93.3 | 94.7 | 95.6 | 95.8 | 96.6 | 97.1 | 97.2 | 97.5 | 97.8 | 98.4 | 98.9 |
| ≥ 100 | 31.7 | 79.2 | 85.3 | 89.0 | 92.7 | 93.3 | 94.7 | 95.7 | 95.9 | 96.6 | 97.3 | 97.3 | 97.8 | 98.1 | 98.9 | 99.5 |
| ≥ 0 | 31.7 | 79.2 | 85.3 | 89.0 | 92.7 | 93.3 | 94.7 | 95.7 | 95.9 | 96.6 | 97.3 | 97.3 | 97.8 | 98.1 | 98.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2590

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ⅛ | ≥ 0 |
| NO CEILING | 35.4 | 58.8 | 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 |
| ≥ 20000 | 38.5 | 64.6 | 65.1 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 18000 | 38.8 | 65.1 | 65.6 | 65.7 | 65.7 | 65.7 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 16000 | 39.0 | 65.6 | 66.1 | 66.3 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 39.6 | 67.3 | 67.9 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 |
| ≥ 12000 | 40.6 | 69.7 | 70.3 | 70.7 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 |
| ≥ 10000 | 41.8 | 72.5 | 73.4 | 73.9 | 74.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 9000 | 42.1 | 73.7 | 74.7 | 75.3 | 75.3 | 75.3 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 8000 | 42.4 | 75.1 | 76.1 | 76.7 | 76.8 | 76.8 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 7000 | 42.7 | 76.3 | 77.5 | 78.1 | 78.3 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.6 | 78.6 |
| ≥ 6000 | 43.2 | 77.8 | 79.2 | 79.8 | 80.2 | 80.2 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 |
| ≥ 5000 | 43.6 | 78.9 | 80.3 | 81.1 | 81.6 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4500 | 43.8 | 79.2 | 80.7 | 81.5 | 82.0 | 82.0 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4000 | 44.6 | 80.3 | 81.9 | 82.8 | 83.3 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.7 | 83.7 |
| ≥ 3500 | 45.0 | 81.3 | 82.9 | 83.8 | 84.4 | 84.4 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 3000 | 45.5 | 82.7 | 84.4 | 85.4 | 85.9 | 85.9 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 2500 | 46.0 | 83.9 | 85.8 | 86.8 | 87.4 | 87.4 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 2000 | 46.7 | 85.7 | 87.7 | 88.7 | 89.4 | 89.4 | 89.7 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1800 | 47.1 | 86.4 | 88.4 | 89.4 | 90.1 | 90.1 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1500 | 47.5 | 87.7 | 89.8 | 90.9 | 91.6 | 91.6 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.2 | 92.2 |
| ≥ 1200 | 48.1 | 89.1 | 91.3 | 92.5 | 93.2 | 93.2 | 93.5 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 |
| ≥ 1000 | 48.5 | 90.1 | 92.5 | 93.7 | 94.4 | 94.4 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 900 | 48.5 | 90.7 | 93.1 | 94.4 | 95.2 | 95.3 | 95.6 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 | 96.0 |
| ≥ 800 | 48.6 | 91.4 | 93.9 | 95.3 | 96.1 | 96.2 | 96.5 | 96.7 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 700 | 48.7 | 91.8 | 94.3 | 95.7 | 96.6 | 96.6 | 97.0 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 600 | 48.7 | 92.0 | 94.6 | 96.1 | 96.9 | 97.0 | 97.3 | 97.6 | 97.6 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 500 | 48.7 | 92.2 | 94.9 | 96.4 | 97.3 | 97.4 | 97.9 | 98.1 | 98.2 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 48.7 | 92.2 | 94.9 | 96.5 | 97.6 | 97.7 | 98.2 | 98.5 | 98.6 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 300 | 48.7 | 92.2 | 95.0 | 96.6 | 97.7 | 97.8 | 98.5 | 98.8 | 98.9 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 200 | 48.7 | 92.2 | 95.0 | 96.6 | 97.7 | 98.0 | 98.6 | 99.0 | 99.1 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 48.7 | 92.2 | 95.1 | 96.6 | 97.8 | 98.0 | 98.7 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 48.7 | 92.2 | 95.1 | 96.6 | 97.8 | 98.0 | 98.7 | 99.1 | 99.2 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2590

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

SPEEDIFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 36.9 | 59.4 | 60.0 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 | 60.1 |
| ≥ 20000 | 41.6 | 67.0 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 18000 | 41.9 | 67.6 | 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 |
| ≥ 16000 | 41.9 | 68.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 14000 | 42.7 | 69.3 | 70.2 | 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 |
| ≥ 12000 | 43.4 | 71.3 | 72.3 | 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 |
| ≥ 10000 | 44.5 | 73.7 | 74.9 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 9000 | 44.6 | 74.4 | 75.7 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 8000 | 45.2 | 76.1 | 77.5 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 7000 | 45.5 | 77.2 | 78.7 | 78.9 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 6000 | 46.0 | 78.2 | 79.8 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 5000 | 47.0 | 80.1 | 81.7 | 82.1 | 82.4 | 82.4 | 82.4 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4500 | 47.3 | 80.8 | 82.4 | 82.8 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 4000 | 48.1 | 82.2 | 83.8 | 84.3 | 84.8 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 3500 | 49.1 | 83.8 | 85.5 | 86.1 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 3000 | 50.0 | 86.1 | 87.8 | 88.6 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 2500 | 50.5 | 87.6 | 89.4 | 90.2 | 90.7 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 2000 | 51.1 | 89.9 | 92.1 | 92.9 | 93.5 | 93.5 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1800 | 51.2 | 90.1 | 92.4 | 93.2 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 51.7 | 91.2 | 93.5 | 94.4 | 95.1 | 95.1 | 95.3 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 | 95.4 |
| ≥ 1200 | 51.8 | 91.7 | 94.1 | 95.1 | 95.9 | 96.0 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 51.8 | 92.4 | 94.9 | 95.9 | 96.8 | 96.9 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 51.9 | 92.6 | 95.1 | 96.1 | 97.0 | 97.1 | 97.5 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 51.9 | 92.8 | 95.3 | 96.3 | 97.3 | 97.5 | 97.8 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 700 | 52.0 | 93.0 | 95.5 | 96.6 | 97.6 | 97.8 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 52.0 | 93.0 | 95.6 | 96.7 | 97.8 | 98.0 | 98.5 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 52.0 | 93.1 | 95.6 | 96.8 | 98.0 | 98.2 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 52.0 | 93.1 | 95.6 | 96.8 | 98.1 | 98.4 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 52.0 | 93.1 | 95.6 | 96.9 | 98.3 | 98.6 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 52.0 | 93.1 | 95.6 | 96.9 | 98.3 | 98.6 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 52.0 | 93.1 | 95.6 | 96.9 | 98.3 | 98.6 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 52.0 | 93.1 | 95.6 | 96.9 | 98.3 | 98.6 | 99.2 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2592

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 36.8 | 57.6 | 58.1 | 58.3 | 58.4 | 58.4 | 58.4 | 58.4 | 58.4 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 | 58.6 |
| ≥ 20000 | 41.4 | 67.2 | 68.1 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| ≥ 18000 | 41.7 | 67.9 | 68.7 | 68.9 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 16000 | 41.8 | 68.7 | 69.5 | 69.7 | 69.9 | 69.9 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 14000 | 42.3 | 69.8 | 70.6 | 70.9 | 71.1 | 71.1 | 71.1 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 12000 | 43.1 | 72.0 | 72.8 | 73.2 | 73.3 | 73.3 | 73.4 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 |
| ≥ 10000 | 44.3 | 74.5 | 75.4 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 9000 | 44.7 | 75.6 | 76.6 | 76.9 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 |
| ≥ 8000 | 45.1 | 76.7 | 77.9 | 78.3 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 7000 | 45.8 | 78.4 | 79.8 | 80.2 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 6000 | 46.4 | 79.5 | 81.0 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 5000 | 47.2 | 81.1 | 82.9 | 83.5 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 |
| ≥ 4500 | 47.5 | 82.0 | 83.7 | 84.4 | 84.7 | 84.7 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 4000 | 47.9 | 83.7 | 85.6 | 86.3 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 3500 | 48.6 | 85.0 | 86.9 | 87.7 | 88.1 | 88.1 | 88.3 | 88.3 | 88.3 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 3000 | 49.3 | 86.9 | 89.2 | 90.1 | 90.7 | 90.7 | 90.9 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2500 | 49.7 | 87.7 | 90.0 | 91.1 | 91.7 | 91.7 | 91.9 | 92.0 | 92.0 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 2000 | 50.1 | 89.1 | 91.7 | 92.9 | 93.6 | 93.7 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1800 | 50.1 | 89.3 | 92.0 | 93.2 | 93.9 | 93.9 | 94.1 | 94.2 | 94.2 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1500 | 50.3 | 90.1 | 93.0 | 94.4 | 95.1 | 95.2 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1200 | 50.3 | 90.7 | 93.6 | 95.0 | 95.8 | 95.9 | 96.1 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 50.3 | 91.0 | 94.0 | 95.4 | 96.4 | 96.5 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 900 | 50.3 | 91.2 | 94.2 | 95.7 | 96.8 | 96.9 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 50.3 | 91.3 | 94.4 | 95.9 | 97.0 | 97.2 | 97.5 | 97.6 | 97.6 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 50.3 | 91.5 | 94.7 | 96.3 | 97.5 | 97.6 | 97.9 | 98.1 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 50.3 | 91.7 | 95.0 | 96.6 | 97.9 | 98.1 | 98.5 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 50.3 | 91.7 | 95.1 | 96.7 | 98.0 | 98.2 | 98.6 | 98.9 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 400 | 50.4 | 91.8 | 95.2 | 96.8 | 98.1 | 98.4 | 98.8 | 99.1 | 99.2 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 300 | 50.4 | 91.8 | 95.2 | 96.8 | 98.2 | 98.4 | 98.8 | 99.2 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 50.4 | 91.8 | 95.2 | 96.9 | 98.3 | 98.5 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 50.4 | 91.8 | 95.2 | 96.9 | 98.3 | 98.5 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 50.4 | 91.8 | 95.2 | 96.9 | 98.3 | 98.5 | 98.9 | 99.3 | 99.3 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

SPEEDIGO® MOORE BUSINESS FORMS INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

1600-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅜ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.6 | 61.4 | 62.5 | 63.0 | 63.2 | 63.3 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 |
| ≥ 20000 | 36.1 | 69.1 | 70.4 | 71.0 | 71.3 | 71.4 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 |
| ≥ 18000 | 36.2 | 70.1 | 71.3 | 71.9 | 72.2 | 72.3 | 72.4 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 |
| ≥ 16000 | 36.2 | 70.6 | 71.8 | 72.4 | 72.7 | 72.8 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 14000 | 36.8 | 72.3 | 73.6 | 74.2 | 74.5 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 |
| ≥ 12000 | 37.5 | 74.5 | 75.8 | 76.6 | 76.9 | 77.1 | 77.1 | 77.1 | 77.1 | 77.2 | 77.2 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 |
| ≥ 10000 | 38.0 | 77.0 | 78.4 | 79.2 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.9 | 79.9 |
| ≥ 9000 | 38.2 | 77.7 | 79.1 | 80.0 | 80.3 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 |
| ≥ 8000 | 38.7 | 79.2 | 80.7 | 81.7 | 82.1 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 7000 | 38.8 | 79.9 | 81.4 | 82.4 | 82.8 | 82.9 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 |
| ≥ 6000 | 39.0 | 80.5 | 82.2 | 83.2 | 83.7 | 83.8 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 |
| ≥ 5000 | 39.2 | 82.0 | 84.0 | 85.1 | 85.8 | 85.9 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 4500 | 39.2 | 82.4 | 84.4 | 85.5 | 86.2 | 86.3 | 86.5 | 86.6 | 86.6 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 | 86.7 |
| ≥ 4000 | 39.6 | 83.7 | 85.9 | 87.0 | 87.7 | 87.9 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 |
| ≥ 3500 | 39.7 | 84.4 | 86.6 | 87.7 | 88.5 | 88.6 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3000 | 40.0 | 85.8 | 88.1 | 89.3 | 90.1 | 90.3 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 2500 | 40.2 | 86.4 | 88.8 | 90.2 | 91.0 | 91.2 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 |
| ≥ 2000 | 40.3 | 87.2 | 89.9 | 91.4 | 92.3 | 92.5 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.3 | 93.3 |
| ≥ 1800 | 40.3 | 87.4 | 90.0 | 91.5 | 92.5 | 92.6 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 1500 | 40.6 | 88.5 | 91.2 | 92.7 | 93.7 | 93.9 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.9 | 94.9 | 94.9 |
| ≥ 1200 | 40.6 | 89.1 | 92.0 | 93.6 | 94.7 | 94.9 | 95.7 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 40.6 | 89.5 | 92.6 | 94.3 | 95.5 | 95.7 | 96.4 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.9 | 96.9 |
| ≥ 900 | 40.6 | 89.5 | 92.6 | 94.4 | 95.5 | 95.7 | 96.5 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 |
| ≥ 800 | 40.6 | 89.7 | 92.9 | 94.7 | 95.9 | 96.2 | 97.0 | 97.2 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 40.6 | 89.8 | 93.0 | 94.9 | 96.1 | 96.4 | 97.3 | 97.6 | 97.6 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 40.6 | 89.9 | 93.3 | 95.1 | 96.4 | 96.7 | 97.6 | 97.9 | 97.9 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 500 | 40.6 | 89.9 | 93.4 | 95.3 | 96.6 | 96.9 | 97.9 | 98.2 | 98.2 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 400 | 40.6 | 90.0 | 93.5 | 95.4 | 96.9 | 97.2 | 98.1 | 98.5 | 98.5 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 300 | 40.6 | 90.0 | 93.5 | 95.4 | 96.9 | 97.2 | 98.3 | 98.8 | 98.8 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 200 | 40.6 | 90.0 | 93.5 | 95.4 | 96.9 | 97.3 | 98.3 | 98.8 | 98.8 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 |
| ≥ 100 | 40.6 | 90.0 | 93.5 | 95.4 | 96.9 | 97.3 | 98.3 | 98.8 | 98.8 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 |
| ≥ 0 | 40.6 | 90.0 | 93.5 | 95.4 | 96.9 | 97.3 | 98.3 | 98.8 | 98.8 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2585

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

STANDARD® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 23.4 | 63.1 | 66.0 | 66.4 | 67.0 | 67.0 | 67.5 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.7 | 67.8 |
| ≥ 20000 | 25.0 | 68.3 | 71.3 | 72.0 | 72.7 | 72.8 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.5 | 73.5 | 73.5 | 73.6 | 73.6 |
| ≥ 18000 | 25.2 | 68.6 | 71.7 | 72.4 | 73.1 | 73.1 | 73.6 | 73.8 | 73.8 | 73.8 | 73.9 | 73.9 | 73.9 | 73.9 | 74.0 | 74.0 |
| ≥ 16000 | 25.2 | 68.8 | 72.0 | 72.7 | 73.4 | 73.4 | 73.9 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.3 |
| ≥ 14000 | 25.6 | 70.2 | 73.4 | 74.1 | 74.8 | 74.8 | 75.3 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.7 |
| ≥ 12000 | 26.0 | 72.5 | 75.8 | 76.5 | 77.3 | 77.3 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 |
| ≥ 10000 | 26.3 | 74.7 | 78.1 | 78.8 | 79.6 | 79.6 | 80.1 | 80.3 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 |
| ≥ 9000 | 26.4 | 75.2 | 78.6 | 79.4 | 80.2 | 80.2 | 80.7 | 80.8 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.1 |
| ≥ 8000 | 26.6 | 76.9 | 80.6 | 81.5 | 82.3 | 82.4 | 82.9 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.2 | 83.2 |
| ≥ 7000 | 26.8 | 77.9 | 81.7 | 82.7 | 83.6 | 83.7 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.6 |
| ≥ 6000 | 26.9 | 78.7 | 82.5 | 83.5 | 84.5 | 84.5 | 85.0 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.4 |
| ≥ 5000 | 27.2 | 80.3 | 84.4 | 85.4 | 86.4 | 86.5 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 |
| ≥ 4500 | 27.2 | 80.7 | 84.9 | 86.0 | 87.0 | 87.1 | 87.6 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.9 | 87.9 | 88.0 |
| ≥ 4000 | 27.3 | 81.6 | 86.0 | 87.0 | 88.1 | 88.2 | 88.7 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 89.0 | 89.0 | 89.1 |
| ≥ 3500 | 27.4 | 82.2 | 86.7 | 87.8 | 88.8 | 88.9 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 |
| ≥ 3000 | 27.6 | 83.0 | 87.7 | 88.7 | 89.8 | 89.9 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 |
| ≥ 2500 | 27.7 | 83.7 | 88.5 | 89.6 | 90.7 | 90.8 | 91.3 | 91.4 | 91.4 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.7 |
| ≥ 2000 | 27.8 | 84.8 | 89.6 | 90.9 | 92.1 | 92.1 | 92.7 | 92.8 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.1 |
| ≥ 1800 | 27.9 | 85.2 | 90.0 | 91.3 | 92.5 | 92.5 | 93.2 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.5 | 93.5 |
| ≥ 1500 | 27.9 | 85.7 | 90.6 | 91.9 | 93.1 | 93.2 | 93.8 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 |
| ≥ 1200 | 28.0 | 86.2 | 91.1 | 92.6 | 93.9 | 94.0 | 94.7 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 |
| ≥ 1000 | 28.0 | 86.6 | 91.5 | 93.2 | 94.6 | 94.7 | 95.4 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 |
| ≥ 900 | 28.0 | 86.8 | 91.9 | 93.6 | 95.1 | 95.3 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.6 |
| ≥ 800 | 28.0 | 87.0 | 92.1 | 93.9 | 95.5 | 95.7 | 96.5 | 96.7 | 96.7 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.1 |
| ≥ 700 | 28.0 | 87.2 | 92.6 | 94.4 | 96.1 | 96.2 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.8 |
| ≥ 600 | 28.0 | 87.3 | 92.7 | 94.5 | 96.1 | 96.4 | 97.4 | 97.6 | 97.6 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 | 97.9 | 98.0 |
| ≥ 500 | 28.0 | 87.4 | 93.0 | 94.8 | 96.5 | 96.8 | 97.9 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 |
| ≥ 400 | 28.0 | 87.4 | 93.0 | 94.9 | 96.6 | 96.9 | 98.2 | 98.4 | 98.4 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 |
| ≥ 300 | 28.0 | 87.5 | 93.1 | 94.9 | 96.8 | 97.1 | 98.5 | 98.8 | 98.8 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 200 | 28.0 | 87.5 | 93.1 | 95.0 | 96.8 | 97.2 | 98.6 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 |
| ≥ 100 | 28.0 | 87.5 | 93.1 | 95.0 | 96.8 | 97.2 | 98.6 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 0 | 28.0 | 87.5 | 93.1 | 95.0 | 96.8 | 97.2 | 98.6 | 98.9 | 99.0 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

SPEEDFICS® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

0000-0200 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 17.5 | 57.2 | 62.1 | 64.2 | 66.2 | 66.4 | 67.0 | 67.1 | 67.2 | 67.5 | 57.6 | 67.6 | 67.9 | 68.0 | 68.3 | 68.4 |
| ≥ 20000 | 18.4 | 61.3 | 66.8 | 69.1 | 71.3 | 71.6 | 72.1 | 72.3 | 72.4 | 72.7 | 72.8 | 72.8 | 73.1 | 73.2 | 73.5 | 73.6 |
| ≥ 18000 | 18.4 | 61.6 | 67.1 | 69.4 | 71.6 | 71.9 | 72.5 | 72.7 | 72.7 | 73.0 | 73.2 | 73.2 | 73.5 | 73.5 | 73.9 | 74.0 |
| ≥ 16000 | 18.6 | 62.1 | 67.7 | 70.0 | 72.3 | 72.5 | 73.1 | 73.3 | 73.4 | 73.7 | 73.8 | 73.8 | 74.1 | 74.2 | 74.5 | 74.6 |
| ≥ 14000 | 18.7 | 63.2 | 68.9 | 71.4 | 73.7 | 73.9 | 74.5 | 74.7 | 74.7 | 75.0 | 75.2 | 75.2 | 75.5 | 75.6 | 75.9 | 76.0 |
| ≥ 12000 | 18.9 | 64.8 | 70.7 | 73.2 | 75.5 | 75.7 | 76.3 | 76.5 | 76.5 | 76.8 | 77.0 | 77.0 | 77.3 | 77.4 | 77.7 | 77.8 |
| ≥ 10000 | 19.4 | 66.7 | 72.6 | 75.2 | 77.6 | 77.8 | 78.4 | 78.6 | 78.6 | 78.9 | 79.1 | 79.1 | 79.4 | 79.5 | 79.8 | 79.9 |
| ≥ 9000 | 19.4 | 67.3 | 73.1 | 75.7 | 78.1 | 78.4 | 78.9 | 79.2 | 79.2 | 79.5 | 79.7 | 79.7 | 80.0 | 80.1 | 80.4 | 80.5 |
| ≥ 8000 | 19.5 | 68.5 | 74.4 | 77.0 | 79.5 | 79.7 | 80.3 | 80.5 | 80.6 | 80.9 | 81.0 | 81.0 | 81.3 | 81.4 | 81.8 | 81.8 |
| ≥ 7000 | 19.6 | 69.5 | 75.6 | 78.3 | 80.7 | 81.0 | 81.5 | 81.8 | 81.8 | 82.1 | 82.2 | 82.2 | 82.6 | 82.7 | 83.0 | 83.1 |
| ≥ 6000 | 19.7 | 70.3 | 76.3 | 79.0 | 81.5 | 81.7 | 82.3 | 82.5 | 82.5 | 82.8 | 83.0 | 83.0 | 83.3 | 83.4 | 83.7 | 83.8 |
| ≥ 5000 | 19.8 | 71.1 | 77.2 | 80.0 | 82.5 | 82.8 | 83.4 | 83.6 | 83.6 | 83.9 | 84.1 | 84.1 | 84.4 | 84.5 | 84.8 | 84.9 |
| ≥ 4500 | 19.9 | 71.4 | 77.6 | 80.4 | 83.0 | 83.3 | 83.8 | 84.0 | 84.1 | 84.4 | 84.5 | 84.5 | 84.9 | 84.9 | 85.3 | 85.4 |
| ≥ 4000 | 20.0 | 72.3 | 78.5 | 81.3 | 84.1 | 84.3 | 84.9 | 85.1 | 85.2 | 85.5 | 85.6 | 85.6 | 85.9 | 86.0 | 86.4 | 86.4 |
| ≥ 3500 | 20.1 | 72.9 | 79.1 | 81.9 | 84.7 | 84.9 | 85.5 | 85.7 | 85.8 | 86.1 | 86.2 | 86.2 | 86.5 | 86.6 | 87.0 | 87.0 |
| ≥ 3000 | 20.1 | 73.7 | 80.1 | 83.0 | 85.8 | 86.1 | 86.7 | 86.9 | 86.9 | 87.2 | 87.4 | 87.4 | 87.7 | 87.8 | 88.1 | 88.2 |
| ≥ 2500 | 20.1 | 74.1 | 80.7 | 83.6 | 86.4 | 86.7 | 87.3 | 87.5 | 87.5 | 87.8 | 88.0 | 88.0 | 88.3 | 88.4 | 88.7 | 88.8 |
| ≥ 2000 | 20.1 | 75.3 | 82.1 | 85.1 | 87.9 | 88.2 | 88.8 | 89.0 | 89.1 | 89.4 | 89.5 | 89.5 | 89.8 | 89.9 | 90.3 | 90.3 |
| ≥ 1800 | 20.1 | 75.5 | 82.5 | 85.5 | 88.3 | 88.6 | 89.2 | 89.4 | 89.5 | 89.8 | 89.9 | 89.9 | 90.3 | 90.3 | 90.7 | 90.7 |
| ≥ 1500 | 20.1 | 76.3 | 83.4 | 86.4 | 89.3 | 89.5 | 90.1 | 90.4 | 90.4 | 90.7 | 90.9 | 90.9 | 91.2 | 91.3 | 91.7 | 91.8 |
| ≥ 1200 | 20.2 | 78.2 | 85.6 | 88.8 | 91.7 | 91.9 | 92.6 | 92.9 | 92.9 | 93.2 | 93.4 | 93.4 | 93.7 | 93.8 | 94.2 | 94.2 |
| ≥ 1000 | 20.2 | 78.8 | 86.5 | 89.9 | 92.9 | 93.2 | 93.9 | 94.1 | 94.2 | 94.5 | 94.6 | 94.6 | 94.9 | 95.0 | 95.4 | 95.5 |
| ≥ 900 | 20.2 | 79.2 | 87.0 | 90.4 | 93.5 | 93.7 | 94.4 | 94.7 | 94.7 | 95.0 | 95.2 | 95.2 | 95.5 | 95.6 | 96.0 | 96.0 |
| ≥ 800 | 20.2 | 79.7 | 87.6 | 91.1 | 94.2 | 94.4 | 95.2 | 95.5 | 95.5 | 95.8 | 96.0 | 96.0 | 96.3 | 96.4 | 96.8 | 96.9 |
| ≥ 700 | 20.2 | 79.8 | 87.9 | 91.6 | 94.7 | 95.1 | 95.9 | 96.2 | 96.2 | 96.6 | 96.7 | 96.7 | 97.0 | 97.1 | 97.5 | 97.6 |
| ≥ 600 | 20.2 | 79.8 | 88.1 | 91.9 | 95.1 | 95.4 | 96.3 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.5 | 97.5 | 97.9 | 98.0 |
| ≥ 500 | 20.2 | 80.0 | 88.4 | 92.2 | 95.4 | 95.7 | 96.6 | 96.9 | 97.0 | 97.3 | 97.5 | 97.5 | 97.8 | 97.9 | 98.3 | 98.4 |
| ≥ 400 | 20.2 | 80.0 | 88.5 | 92.4 | 95.7 | 96.1 | 97.1 | 97.5 | 97.6 | 97.9 | 98.1 | 98.1 | 98.4 | 98.5 | 98.8 | 98.9 |
| ≥ 300 | 20.2 | 80.1 | 88.6 | 92.6 | 95.9 | 96.3 | 97.3 | 97.8 | 97.9 | 98.3 | 98.4 | 98.4 | 98.8 | 98.8 | 99.2 | 99.3 |
| ≥ 200 | 20.2 | 80.1 | 88.6 | 92.7 | 96.0 | 96.3 | 97.3 | 97.9 | 97.9 | 98.4 | 98.5 | 98.5 | 98.9 | 99.0 | 99.3 | 99.4 |
| ≥ 100 | 20.2 | 80.1 | 88.6 | 92.7 | 96.0 | 96.3 | 97.3 | 97.9 | 97.9 | 98.4 | 98.6 | 98.6 | 99.0 | 99.0 | 99.5 | 99.6 |
| ≥ 0 | 20.2 | 80.1 | 88.6 | 92.7 | 96.0 | 96.3 | 97.3 | 97.9 | 97.9 | 98.4 | 98.6 | 98.6 | 99.0 | 99.0 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2669

USAF ETAC FORM JUL 62 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

STEELMASTER® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

0300-0500 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 12.8 | 46.8 | 52.2 | 55.8 | 58.4 | 58.6 | 59.8 | 60.5 | 60.6 | 61.3 | 61.7 | 61.8 | 62.1 | 62.2 | 63.2 | 63.7 |
| ≥ 20000 | 13.5 | 49.7 | 55.2 | 58.9 | 61.7 | 62.0 | 63.3 | 64.0 | 64.1 | 65.0 | 65.4 | 65.4 | 65.8 | 65.9 | 67.0 | 67.5 |
| ≥ 18000 | 13.6 | 49.8 | 55.4 | 59.1 | 61.9 | 62.2 | 63.5 | 64.2 | 64.3 | 65.2 | 65.6 | 65.7 | 66.0 | 66.1 | 67.2 | 67.8 |
| ≥ 16000 | 13.6 | 50.0 | 55.6 | 59.4 | 62.1 | 62.4 | 63.7 | 64.5 | 64.6 | 65.4 | 65.8 | 65.9 | 66.3 | 66.4 | 67.5 | 68.0 |
| ≥ 14000 | 13.8 | 51.2 | 56.8 | 60.6 | 63.6 | 63.9 | 65.1 | 65.9 | 66.0 | 66.9 | 67.3 | 67.3 | 67.8 | 67.9 | 69.0 | 69.5 |
| ≥ 12000 | 14.1 | 52.7 | 58.4 | 62.3 | 65.4 | 65.7 | 66.9 | 67.7 | 67.8 | 68.7 | 69.1 | 69.1 | 69.6 | 69.7 | 70.8 | 71.3 |
| > 10000 | 14.6 | 54.8 | 60.6 | 64.5 | 67.7 | 68.0 | 69.3 | 70.0 | 70.1 | 71.0 | 71.5 | 71.5 | 72.0 | 72.1 | 73.2 | 73.7 |
| ≥ 9000 | 14.7 | 55.6 | 61.5 | 65.5 | 68.7 | 69.0 | 70.3 | 71.0 | 71.1 | 72.0 | 72.5 | 72.5 | 73.0 | 73.1 | 74.2 | 74.7 |
| ≥ 8000 | 14.9 | 57.2 | 63.1 | 67.2 | 70.5 | 70.8 | 72.1 | 72.8 | 73.0 | 73.9 | 74.3 | 74.4 | 74.8 | 75.0 | 76.1 | 76.6 |
| ≥ 7000 | 15.1 | 58.4 | 64.5 | 68.7 | 72.1 | 72.4 | 73.7 | 74.4 | 74.5 | 75.5 | 76.0 | 76.0 | 76.5 | 76.6 | 77.7 | 78.2 |
| ≥ 6000 | 15.3 | 59.7 | 66.0 | 70.3 | 73.7 | 74.0 | 75.3 | 76.0 | 76.1 | 77.1 | 77.6 | 77.6 | 78.1 | 78.2 | 79.3 | 79.9 |
| ≥ 5000 | 15.4 | 60.9 | 67.4 | 71.7 | 75.1 | 75.5 | 76.8 | 77.6 | 77.7 | 78.7 | 79.1 | 79.1 | 79.6 | 79.8 | 80.9 | 81.4 |
| ≥ 4500 | 15.4 | 61.1 | 67.6 | 72.1 | 75.5 | 75.9 | 77.2 | 78.0 | 78.1 | 79.1 | 79.5 | 79.6 | 80.0 | 80.2 | 81.3 | 81.8 |
| ≥ 4000 | 15.6 | 62.2 | 68.9 | 73.4 | 77.0 | 77.4 | 78.7 | 79.4 | 79.6 | 80.5 | 81.0 | 81.0 | 81.5 | 81.6 | 82.7 | 83.3 |
| ≥ 3500 | 15.7 | 62.9 | 69.8 | 74.3 | 77.9 | 78.3 | 79.6 | 80.4 | 80.5 | 81.5 | 81.9 | 81.9 | 82.4 | 82.6 | 83.7 | 84.2 |
| ≥ 3000 | 15.7 | 63.6 | 70.7 | 75.4 | 79.0 | 79.4 | 80.7 | 81.5 | 81.6 | 82.6 | 83.0 | 83.1 | 83.6 | 83.7 | 84.8 | 85.4 |
| ≥ 2500 | 15.8 | 64.3 | 71.6 | 76.3 | 80.0 | 80.4 | 81.9 | 82.7 | 82.8 | 83.8 | 84.3 | 84.3 | 84.8 | 84.9 | 86.0 | 86.6 |
| ≥ 2000 | 15.8 | 65.7 | 73.0 | 78.0 | 81.7 | 82.1 | 83.7 | 84.4 | 84.5 | 85.5 | 86.0 | 86.0 | 86.5 | 86.7 | 87.8 | 88.3 |
| ≥ 1800 | 15.8 | 66.0 | 73.3 | 78.4 | 82.1 | 82.5 | 84.1 | 84.8 | 84.9 | 86.0 | 86.4 | 86.4 | 86.9 | 87.1 | 88.2 | 88.7 |
| ≥ 1500 | 15.8 | 66.9 | 74.3 | 79.5 | 83.3 | 83.7 | 85.3 | 86.0 | 86.1 | 87.2 | 87.6 | 87.7 | 88.2 | 88.3 | 89.4 | 90.0 |
| ≥ 1200 | 15.8 | 68.3 | 75.9 | 81.2 | 85.1 | 85.5 | 87.1 | 87.9 | 88.0 | 89.0 | 89.5 | 89.5 | 90.0 | 90.1 | 91.2 | 91.8 |
| ≥ 1000 | 15.8 | 68.8 | 76.6 | 82.0 | 86.0 | 86.4 | 88.1 | 88.9 | 89.0 | 90.0 | 90.5 | 90.5 | 91.0 | 91.2 | 92.2 | 92.8 |
| ≥ 900 | 15.8 | 69.1 | 76.9 | 82.5 | 86.4 | 86.9 | 88.6 | 89.4 | 89.5 | 90.5 | 91.0 | 91.0 | 91.5 | 91.6 | 92.7 | 93.3 |
| ≥ 800 | 15.8 | 69.6 | 77.6 | 83.1 | 87.1 | 87.6 | 89.3 | 90.0 | 90.1 | 91.2 | 91.6 | 91.7 | 92.2 | 92.3 | 93.4 | 94.0 |
| ≥ 700 | 15.8 | 70.3 | 78.3 | 84.0 | 88.2 | 88.7 | 90.4 | 91.1 | 91.2 | 92.2 | 92.7 | 92.8 | 93.3 | 93.4 | 94.5 | 95.1 |
| ≥ 600 | 15.9 | 70.6 | 78.7 | 84.5 | 88.7 | 89.2 | 91.0 | 91.8 | 91.9 | 92.9 | 93.4 | 93.4 | 93.9 | 94.0 | 95.2 | 95.8 |
| ≥ 500 | 15.9 | 70.6 | 78.9 | 84.7 | 89.0 | 89.4 | 91.5 | 92.2 | 92.4 | 93.5 | 94.0 | 94.0 | 94.6 | 94.7 | 95.9 | 96.5 |
| ≥ 400 | 15.9 | 70.7 | 79.1 | 85.0 | 89.3 | 89.8 | 91.9 | 92.7 | 92.8 | 93.9 | 94.5 | 94.5 | 95.1 | 95.2 | 96.4 | 97.0 |
| ≥ 300 | 15.9 | 70.8 | 79.3 | 85.4 | 89.8 | 90.3 | 92.4 | 93.2 | 93.4 | 94.5 | 95.1 | 95.2 | 95.7 | 95.9 | 97.1 | 97.7 |
| ≥ 200 | 15.9 | 70.9 | 79.4 | 85.4 | 89.9 | 90.4 | 92.7 | 93.6 | 93.8 | 94.9 | 95.5 | 95.6 | 96.2 | 96.4 | 97.6 | 98.2 |
| ≥ 100 | 15.9 | 70.9 | 79.4 | 85.4 | 89.9 | 90.4 | 92.7 | 93.6 | 93.8 | 95.0 | 95.7 | 95.8 | 96.4 | 96.7 | 98.1 | 98.8 |
| ≥ 0 | 15.9 | 70.9 | 79.4 | 85.4 | 89.9 | 90.4 | 92.7 | 93.6 | 93.8 | 95.0 | 95.7 | 95.8 | 96.5 | 96.7 | 98.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2670

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

SPEEDFORM® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

0600-0800 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.6 | 49.8 | 52.0 | 53.5 | 54.6 | 55.0 | 55.4 | 55.6 | 55.7 | 56.1 | 56.2 | 56.3 | 56.5 | 56.6 | 56.7 | 56.9 |
| ≥ 20000 | 23.9 | 55.5 | 57.9 | 59.7 | 60.8 | 61.2 | 61.7 | 61.9 | 62.0 | 62.4 | 62.6 | 62.6 | 62.9 | 62.9 | 63.0 | 63.3 |
| ≥ 18000 | 23.9 | 55.6 | 58.1 | 59.8 | 60.9 | 61.4 | 61.8 | 62.0 | 62.2 | 62.6 | 62.7 | 62.8 | 63.0 | 63.1 | 63.2 | 63.4 |
| ≥ 16000 | 24.0 | 55.8 | 58.3 | 60.0 | 61.1 | 61.6 | 62.0 | 62.2 | 62.4 | 62.7 | 62.9 | 63.0 | 63.2 | 63.3 | 63.4 | 63.6 |
| ≥ 14000 | 24.4 | 56.8 | 59.3 | 61.1 | 62.2 | 62.7 | 63.2 | 63.3 | 63.5 | 63.9 | 64.1 | 64.1 | 64.4 | 64.4 | 64.5 | 64.7 |
| ≥ 12000 | 25.1 | 58.8 | 61.4 | 63.2 | 64.3 | 64.8 | 65.3 | 65.4 | 65.6 | 66.0 | 66.2 | 66.2 | 66.5 | 66.5 | 66.6 | 66.9 |
| ≥ 10000 | 26.2 | 62.0 | 64.8 | 66.8 | 68.0 | 68.5 | 69.1 | 69.3 | 69.5 | 69.9 | 70.1 | 70.1 | 70.4 | 70.4 | 70.5 | 70.8 |
| ≥ 9000 | 26.4 | 62.6 | 65.4 | 67.3 | 68.6 | 69.0 | 69.6 | 69.8 | 70.0 | 70.4 | 70.6 | 70.7 | 70.9 | 71.0 | 71.1 | 71.3 |
| ≥ 8000 | 27.1 | 64.7 | 67.7 | 69.6 | 71.1 | 71.6 | 72.2 | 72.4 | 72.5 | 73.0 | 73.2 | 73.2 | 73.5 | 73.5 | 73.6 | 73.8 |
| ≥ 7000 | 27.2 | 65.9 | 69.1 | 71.0 | 72.6 | 73.1 | 73.8 | 74.0 | 74.1 | 74.6 | 74.8 | 74.8 | 75.1 | 75.1 | 75.3 | 75.5 |
| ≥ 6000 | 27.5 | 67.0 | 70.3 | 72.2 | 73.9 | 74.4 | 75.1 | 75.3 | 75.4 | 75.9 | 76.1 | 76.1 | 76.4 | 76.4 | 76.6 | 76.8 |
| ≥ 5000 | 27.8 | 68.5 | 71.8 | 73.8 | 75.6 | 76.1 | 76.7 | 76.9 | 77.1 | 77.6 | 77.7 | 77.8 | 78.0 | 78.1 | 78.2 | 78.5 |
| ≥ 4500 | 27.9 | 68.9 | 72.4 | 74.4 | 76.1 | 76.6 | 77.3 | 77.5 | 77.7 | 78.2 | 78.3 | 78.4 | 78.6 | 78.7 | 78.8 | 79.1 |
| ≥ 4000 | 28.1 | 69.7 | 73.2 | 75.3 | 77.0 | 77.5 | 78.2 | 78.4 | 78.6 | 79.1 | 79.2 | 79.3 | 79.5 | 79.6 | 79.7 | 80.0 |
| ≥ 3500 | 28.2 | 70.3 | 74.0 | 76.1 | 77.9 | 78.4 | 79.1 | 79.3 | 79.4 | 79.9 | 80.1 | 80.2 | 80.4 | 80.5 | 80.6 | 80.8 |
| ≥ 3000 | 28.3 | 71.3 | 75.0 | 77.2 | 79.1 | 79.6 | 80.3 | 80.6 | 80.7 | 81.2 | 81.4 | 81.4 | 81.7 | 81.7 | 81.9 | 82.1 |
| ≥ 2500 | 28.6 | 72.6 | 76.5 | 78.7 | 80.6 | 81.1 | 81.9 | 82.2 | 82.3 | 82.8 | 83.0 | 83.0 | 83.3 | 83.3 | 83.5 | 83.7 |
| ≥ 2000 | 29.0 | 74.4 | 78.5 | 80.7 | 82.7 | 83.2 | 84.0 | 84.3 | 84.4 | 84.9 | 85.1 | 85.1 | 85.4 | 85.4 | 85.6 | 85.8 |
| ≥ 1800 | 29.1 | 74.6 | 78.8 | 81.0 | 83.0 | 83.5 | 84.3 | 84.6 | 84.8 | 85.3 | 85.4 | 85.5 | 85.7 | 85.8 | 85.9 | 86.2 |
| ≥ 1500 | 29.2 | 75.4 | 79.7 | 82.3 | 84.4 | 84.9 | 85.8 | 86.1 | 86.2 | 86.7 | 86.9 | 86.9 | 87.2 | 87.2 | 87.4 | 87.6 |
| ≥ 1200 | 29.4 | 77.1 | 81.6 | 84.3 | 86.5 | 87.0 | 87.8 | 88.2 | 88.3 | 88.8 | 89.0 | 89.0 | 89.3 | 89.3 | 89.5 | 89.7 |
| ≥ 1000 | 29.5 | 78.4 | 83.2 | 86.3 | 88.7 | 89.2 | 90.2 | 90.5 | 90.7 | 91.2 | 91.4 | 91.4 | 91.7 | 91.7 | 91.9 | 92.1 |
| ≥ 900 | 29.5 | 78.7 | 83.6 | 86.6 | 89.1 | 89.6 | 90.7 | 91.0 | 91.2 | 91.7 | 91.9 | 92.0 | 92.2 | 92.3 | 92.4 | 92.6 |
| ≥ 800 | 29.7 | 79.5 | 84.5 | 87.8 | 90.4 | 90.9 | 92.0 | 92.4 | 92.6 | 93.1 | 93.3 | 93.3 | 93.6 | 93.6 | 93.8 | 94.0 |
| ≥ 700 | 29.7 | 79.9 | 85.1 | 88.5 | 91.1 | 91.7 | 92.9 | 93.3 | 93.5 | 94.0 | 94.2 | 94.2 | 94.5 | 94.5 | 94.7 | 94.9 |
| ≥ 600 | 29.7 | 80.3 | 85.7 | 89.3 | 91.9 | 92.5 | 93.8 | 94.3 | 94.4 | 95.0 | 95.2 | 95.2 | 95.5 | 95.5 | 95.7 | 95.9 |
| ≥ 500 | 29.8 | 80.6 | 86.2 | 89.7 | 92.5 | 93.2 | 94.6 | 95.1 | 95.3 | 95.9 | 96.1 | 96.1 | 96.4 | 96.5 | 96.7 | 96.9 |
| ≥ 400 | 29.8 | 80.6 | 86.3 | 89.9 | 92.8 | 93.7 | 95.2 | 95.7 | 96.0 | 96.7 | 96.9 | 97.0 | 97.3 | 97.4 | 97.6 | 97.8 |
| ≥ 300 | 29.8 | 80.6 | 86.4 | 90.1 | 93.1 | 94.0 | 95.6 | 96.2 | 96.5 | 97.2 | 97.5 | 97.6 | 97.9 | 98.0 | 98.2 | 98.5 |
| ≥ 200 | 29.8 | 80.6 | 86.4 | 90.1 | 93.1 | 94.1 | 95.6 | 96.4 | 96.7 | 97.4 | 97.9 | 97.9 | 98.3 | 98.5 | 98.9 | 99.2 |
| ≥ 100 | 29.8 | 80.6 | 86.4 | 90.1 | 93.1 | 94.1 | 95.6 | 96.4 | 96.7 | 97.5 | 97.9 | 98.0 | 98.4 | 98.6 | 99.1 | 99.5 |
| 0 | 29.8 | 80.6 | 86.4 | 90.1 | 93.1 | 94.1 | 95.6 | 96.4 | 96.7 | 97.5 | 97.9 | 98.0 | 98.4 | 98.6 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2665

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

SPIRIT® MOORE BUSINESS FORMS, INC 22

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STAT ON) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

0900-1100 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 34.0 | 57.9 | 58.7 | 58.9 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 | 59.0 |
| ≥ 20000 | 36.7 | 64.0 | 64.8 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 18000 | 36.9 | 64.3 | 65.1 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 16000 | 36.9 | 64.3 | 65.1 | 65.4 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 | 65.5 |
| ≥ 14000 | 37.2 | 65.1 | 66.0 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 12000 | 38.4 | 67.5 | 68.4 | 68.7 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 10000 | 39.1 | 69.9 | 70.8 | 71.1 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 |
| ≥ 9000 | 39.4 | 70.7 | 71.7 | 71.9 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 |
| ≥ 8000 | 40.2 | 72.8 | 74.0 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 7000 | 40.7 | 74.3 | 75.6 | 75.9 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 6000 | 41.[illegible] | 75.6 | 77.1 | 77.5 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 5000 | 41.5 | 76.9 | 78.4 | 78.8 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4500 | 41.6 | 77.3 | 78.9 | 79.3 | 79.4 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 | 79.5 |
| ≥ 4000 | 42.0 | 78.2 | 79.8 | 80.2 | 80.3 | 80.4 | 80.5 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 3500 | 42.5 | 79.2 | 80.9 | 81.4 | 81.5 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 43.0 | 80.9 | 82.7 | 83.2 | 83.3 | 83.4 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 | 83.5 |
| ≥ 2500 | 43.9 | 82.7 | 84.5 | 85.1 | 85.2 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 2000 | 44.5 | 84.8 | 86.9 | 87.4 | 87.6 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 1800 | 44.8 | 85.7 | 87.8 | 88.4 | 88.5 | 88.6 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 |
| ≥ 1500 | 45.6 | 88.0 | 90.1 | 90.7 | 90.9 | 91.0 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 1200 | 45.9 | 90.1 | 92.3 | 93.0 | 93.2 | 93.3 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1000 | 46.0 | 91.6 | 94.0 | 94.8 | 95.2 | 95.3 | 95.7 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 |
| ≥ 900 | 46.1 | 91.9 | 94.5 | 95.3 | 95.8 | 95.8 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 800 | 46.1 | 92.3 | 95.2 | 96.1 | 96.6 | 96.7 | 97.3 | 97.3 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 700 | 46.2 | 92.7 | 95.6 | 96.6 | 97.2 | 97.3 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 600 | 46.2 | 92.9 | 95.9 | 97.1 | 97.8 | 97.9 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 46.2 | 93.0 | 96.0 | 97.3 | 98.0 | 98.1 | 98.9 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 46.2 | 93.1 | 96.1 | 97.5 | 98.2 | 98.3 | 99.1 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 46.2 | 93.1 | 96.2 | 97.5 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 46.2 | 93.1 | 96.2 | 97.5 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 46.2 | 93.1 | 96.2 | 97.5 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 46.2 | 93.1 | 96.2 | 97.5 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2665

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

SPEEDIGRAF® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 35.1 | 59.8 | 60.6 | 60.7 | 60.9 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 20000 | 40.1 | 68.4 | 69.5 | 69.6 | 69.9 | 69.9 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 18000 | 40.1 | 68.6 | 69.6 | 69.8 | 70.0 | 70.0 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 16000 | 40.2 | 68.8 | 69.9 | 70.1 | 70.3 | 70.3 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 | 70.4 |
| ≥ 14000 | 40.8 | 69.9 | 71.0 | 71.2 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 12000 | 41.9 | 72.0 | 73.1 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 10000 | 42.6 | 74.1 | 75.3 | 75.5 | 75.7 | 75.7 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 9000 | 42.7 | 74.3 | 75.5 | 75.7 | 76.0 | 76.0 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 | 76.1 |
| ≥ 8000 | 43.5 | 76.3 | 77.5 | 77.8 | 78.0 | 78.0 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 7000 | 43.8 | 77.4 | 78.7 | 79.0 | 79.2 | 79.2 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 6000 | 44.1 | 78.6 | 80.0 | 80.3 | 80.5 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 5000 | 44.5 | 79.6 | 81.1 | 81.4 | 81.6 | 81.6 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 4500 | 44.7 | 80.2 | 81.6 | 82.0 | 82.2 | 82.2 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 |
| ≥ 4000 | 45.8 | 82.0 | 83.5 | 83.9 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 3500 | 46.9 | 83.5 | 85.1 | 85.5 | [illegible] | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 | 86.0 |
| ≥ 3000 | 47.8 | 86.1 | 87.8 | 88.2 | | 88.5 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 | 88.7 |
| ≥ 2500 | 48.8 | 87.9 | 89.6 | 90.0 | [illegible] | 90.5 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 2000 | 49.5 | 90.0 | 92.0 | 92.5 | 93.1 | 93.1 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1800 | 49.6 | 90.6 | 92.6 | 93.2 | 93.7 | 93.7 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 49.8 | 91.8 | 94.0 | 94.7 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1200 | 50.0 | 92.9 | 95.1 | 95.8 | 96.5 | 96.6 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1000 | 50.1 | 93.2 | 95.5 | 96.4 | 97.1 | 97.1 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 900 | 50.1 | 93.4 | 95.7 | 96.7 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 800 | 50.1 | 93.5 | 95.9 | 96.9 | 97.7 | 97.8 | 98.3 | 98.3 | 98.3 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 50.1 | 93.7 | 96.1 | 97.2 | 98.0 | 98.2 | 98.7 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 50.2 | 94.0 | 96.4 | 97.6 | 98.5 | 98.6 | 99.2 | 99.3 | 99.3 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 500 | 50.2 | 94.1 | 96.5 | 97.7 | 98.6 | 98.7 | 99.4 | 99.4 | 99.4 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 50.2 | 94.1 | 96.5 | 97.7 | 98.6 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 50.2 | 94.1 | 96.5 | 97.7 | 98.6 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 50.2 | 94.1 | 96.5 | 97.7 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 150 | 50.2 | 94.1 | 96.5 | 97.7 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 50.2 | 94.1 | 96.5 | 97.7 | 98.7 | 98.8 | 99.4 | 99.5 | 99.5 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2662

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

SPECIFIED BY AWS TO USAF ETAC INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 33.9 | 59.8 | 60.6 | 60.7 | 60.8 | 60.9 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 | 61.1 |
| ≥ 20000 | 39.7 | 69.7 | 71.0 | 71.3 | 71.4 | 71.5 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.8 |
| ≥ 18000 | 40.0 | 70.2 | 71.5 | 71.8 | 71.9 | 71.9 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 |
| ≥ 16000 | 40.1 | 70.6 | 71.8 | 72.1 | 72.2 | 72.3 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.5 | 72.6 |
| ≥ 14000 | 40.8 | 71.6 | 72.9 | 73.2 | 73.3 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.7 |
| ≥ 12000 | 41.5 | 73.2 | 74.5 | 74.8 | 74.9 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.3 |
| ≥ 10000 | 42.4 | 75.3 | 76.6 | 76.9 | 77.1 | 77.1 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 9000 | 42.8 | 76.0 | 77.3 | 77.7 | 77.9 | 77.9 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 8000 | 43.4 | 78.1 | 79.5 | 79.9 | 80.1 | 80.1 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 7000 | 44.2 | 79.4 | 80.9 | 81.3 | 81.5 | 81.5 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 6000 | 44.6 | 80.4 | 81.9 | 82.4 | 82.5 | 82.6 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 5000 | 45.0 | 82.0 | 83.6 | 84.0 | 84.2 | 84.3 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 4500 | 45.5 | 83.0 | 84.7 | 85.2 | 85.4 | 85.4 | 85.7 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 4000 | 46.1 | 84.3 | 86.1 | 86.6 | 86.8 | 86.9 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3500 | 46.8 | 85.9 | 87.8 | 88.2 | 88.5 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 3000 | 47.4 | 87.1 | 89.0 | 89.5 | 89.9 | 89.9 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | 48.0 | 88.4 | 90.4 | 91.0 | 91.4 | 91.5 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 48.5 | 89.4 | 91.5 | 92.3 | 92.7 | 92.8 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1800 | 48.5 | 89.7 | 91.8 | 92.7 | 93.1 | 93.3 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1500 | 48.7 | 90.5 | 92.7 | 93.7 | 94.2 | 94.3 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 48.9 | 91.1 | 93.4 | 94.4 | 95.0 | 95.1 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 96.0 |
| ≥ 1000 | 49.0 | 92.0 | 94.5 | 95.6 | 96.2 | 96.4 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 |
| ≥ 900 | 49.1 | 92.2 | 94.7 | 95.8 | 96.4 | 96.6 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 800 | 49.1 | 92.5 | 95.1 | 96.4 | 97.0 | 97.2 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 700 | 49.1 | 92.6 | 95.3 | 96.7 | 97.5 | 97.7 | 98.5 | 98.6 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.9 |
| ≥ 600 | 49.1 | 92.7 | 95.5 | 97.0 | 97.9 | 98.2 | 99.0 | 99.1 | 99.1 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 |
| ≥ 500 | 49.1 | 92.8 | 95.7 | 97.2 | 98.1 | 98.4 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 49.1 | 93.0 | 95.8 | 97.3 | 98.4 | 98.6 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 300 | 49.1 | 93.0 | 95.8 | 97.3 | 98.4 | 98.6 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 49.1 | 93.0 | 95.8 | 97.3 | 98.4 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 49.1 | 93.0 | 95.8 | 97.3 | 98.4 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 49.1 | 93.0 | 95.8 | 97.3 | 98.4 | 98.6 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2670

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

STOCKDRIVE® 4000 BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

1800-2000 (HOURS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.3 | 58.7 | 59.9 | 60.4 | 60.7 | 60.7 | 60.8 | 60.8 | 60.8 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 | 60.9 |
| ≥ 20000 | 33.9 | 68.5 | 70.4 | 71.1 | 71.5 | 71.6 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 | 71.7 |
| ≥ 18000 | 34.3 | 69.2 | 71.0 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 34.4 | 69.4 | 71.3 | 72.1 | 72.5 | 72.5 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 14000 | 35.2 | 70.8 | 72.7 | 73.5 | 74.0 | 74.0 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 12000 | 36.1 | 73.4 | 75.3 | 76.2 | 76.7 | 75.8 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 | 76.9 |
| ≥ 10000 | 36.9 | 76.6 | 78.1 | 79.0 | 79.6 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 9000 | 37.2 | 76.8 | 78.8 | 79.8 | 80.3 | 80.3 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 |
| ≥ 8000 | 37.8 | 78.8 | 81.1 | 82.0 | 82.6 | 82.6 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 7000 | 38.3 | 80.1 | 82.4 | 83.5 | 84.1 | 84.1 | 84.2 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 6000 | 38.6 | 81.4 | 83.8 | 84.9 | 85.6 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 5000 | 38.9 | 82.7 | 85.1 | 86.3 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 | 87.3 |
| ≥ 4500 | 39.1 | 83.1 | 85.7 | 86.9 | 87.6 | 87.6 | 87.7 | 87.8 | 87.8 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 | 87.9 |
| ≥ 4000 | 39.4 | 84.0 | 86.7 | 88.1 | 88.8 | 88.8 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 3500 | 39.5 | 84.7 | 87.6 | 89.0 | 89.7 | 89.7 | 89.8 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 |
| ≥ 3000 | 39.8 | 85.7 | 88.7 | 90.1 | 90.8 | 90.9 | 91.0 | 91.1 | 91.1 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 | 91.2 |
| ≥ 2500 | 40.1 | 86.4 | 89.4 | 90.8 | 91.5 | 91.6 | 91.7 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 40.3 | 87.4 | 90.6 | 92.1 | 92.8 | 92.9 | 93.1 | 93.2 | 93.2 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 | 93.3 |
| ≥ 1800 | 40.4 | 87.7 | 90.9 | 92.4 | 93.1 | 93.1 | 93.4 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1500 | 40.5 | 88.5 | 91.8 | 93.4 | 94.3 | 94.3 | 94.5 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 40.6 | 89.0 | 92.4 | 94.2 | 95.1 | 95.2 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 40.6 | 89.8 | 93.4 | 95.2 | 96.2 | 96.2 | 96.4 | 96.6 | 96.6 | 96.7 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 900 | 40.7 | 90.0 | 93.7 | 95.6 | 96.5 | 96.7 | 96.9 | 97.1 | 97.1 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 40.7 | 90.3 | 94.2 | 96.2 | 97.2 | 97.5 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 |
| ≥ 700 | 40.7 | 90.4 | 94.3 | 96.4 | 97.6 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 40.7 | 90.5 | 94.6 | 96.8 | 97.9 | 98.3 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.5 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.7 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 0 | 40.7 | 90.6 | 94.7 | 97.0 | 98.2 | 98.7 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2668

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

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

2100-2300 (HOURS(LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.1 | 62.6 | 65.5 | 66.8 | 67.5 | 67.7 | 67.8 | 67.8 | 67.8 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 20000 | 25.3 | 67.5 | 71.0 | 72.4 | 73.2 | 73.4 | 73.5 | 73.6 | 73.6 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 18000 | 25.4 | 68.0 | 71.4 | 72.9 | 73.7 | 73.8 | 73.9 | 74.0 | 74.0 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 |
| ≥ 16000 | 25.4 | 68.2 | 71.7 | 73.2 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 |
| ≥ 14000 | 26.1 | 69.5 | 73.2 | 74.8 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 | 76.2 | 76.2 | 76.2 | 76.2 | 76.3 | 76.3 | 76.3 |
| ≥ 12000 | 26.5 | 70.9 | 74.9 | 76.4 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 10000 | 27.2 | 73.8 | 78.0 | 79.6 | 80.6 | 80.8 | 80.8 | 81.0 | 81.0 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 9000 | 27.4 | 74.1 | 78.4 | 80.1 | 81.1 | 81.2 | 81.3 | 81.4 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 |
| ≥ 8000 | 27.5 | 75.5 | 79.9 | 81.6 | 82.6 | 82.8 | 82.9 | 83.0 | 83.0 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 7000 | 27.8 | 76.7 | 81.1 | 82.9 | 83.9 | 84.1 | 84.1 | 84.3 | 84.3 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 6000 | 27.8 | 77.6 | 82.0 | 83.8 | 84.8 | 85.0 | 85.0 | 85.2 | 85.2 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 5000 | 28.1 | 78.8 | 83.5 | 85.3 | 86.4 | 86.5 | 86.6 | 86.7 | 86.7 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 |
| ≥ 4500 | 28.1 | 79.0 | 83.7 | 85.5 | 86.6 | 86.8 | 86.8 | 87.0 | 87.0 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 4000 | 28.1 | 79.6 | 84.4 | 86.2 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 3500 | 28.4 | 80.4 | 85.2 | 87.1 | 88.2 | 88.3 | 88.5 | 88.6 | 88.6 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3000 | 28.4 | 81.1 | 85.9 | 87.8 | 88.9 | 89.1 | 89.2 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 |
| ≥ 2500 | 28.5 | 81.9 | 86.9 | 88.8 | 90.0 | 90.1 | 90.2 | 90.3 | 90.3 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2000 | 28.5 | 83.1 | 88.3 | 90.2 | 91.5 | 91.6 | 91.8 | 91.9 | 91.9 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≥ 1800 | 28.6 | 83.4 | 88.7 | 90.6 | 91.9 | 92.1 | 92.2 | 92.3 | 92.3 | 92.5 | 92.5 | 92.5 | 92.5 | 92.6 | 92.6 | 92.6 |
| ≥ 1500 | 28.7 | 84.4 | 89.8 | 91.8 | 93.1 | 93.3 | 93.4 | 93.6 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 93.9 | 93.9 |
| ≥ 1200 | 28.7 | 85.6 | 91.3 | 93.5 | 94.9 | 95.0 | 95.2 | 95.3 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.6 | 95.6 |
| ≥ 1000 | 28.9 | 86.3 | 92.2 | 94.5 | 95.9 | 96.1 | 96.2 | 96.4 | 96.4 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 900 | 28.9 | 86.8 | 92.7 | 95.1 | 96.5 | 96.7 | 96.9 | 97.0 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 29.0 | 87.0 | 93.2 | 95.6 | 97.1 | 97.3 | 97.5 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 29.0 | 87.3 | 93.7 | 96.3 | 97.8 | 98.1 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 29.0 | 87.4 | 93.9 | 96.6 | 98.2 | 98.5 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.0 | 99.2 | 99.2 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.2 | 99.3 | 99.3 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 0 | 29.0 | 87.6 | 94.1 | 97.0 | 98.5 | 98.8 | 99.3 | 99.4 | 99.4 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2668

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

SPEEDFLOW® MOORE BUSINESS FORMS INC 21

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 15.4 | 59.1 | 64.4 | 66.1 | 67.2 | 67.2 | 67.6 | 67.8 | 67.8 | 68.0 | 68.2 | 68.2 | 68.3 | 68.4 | 68.4 | 68.4 |
| ≥ 20000 | 16.6 | 63.9 | 69.6 | 71.3 | 72.6 | 72.7 | 73.1 | 73.3 | 73.3 | 73.5 | 73.8 | 73.8 | 73.9 | 74.0 | 74.0 | 74.0 |
| ≥ 18000 | 16.8 | 64.2 | 69.9 | 71.6 | 73.0 | 73.1 | 73.6 | 73.7 | 73.7 | 73.9 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 |
| ≥ 16000 | 16.8 | 64.4 | 70.1 | 71.9 | 73.2 | 73.3 | 73.8 | 73.9 | 73.9 | 74.1 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.6 |
| ≥ 14000 | 17.1 | 65.2 | 71.1 | 72.8 | 74.2 | 74.2 | 74.7 | 74.9 | 74.9 | 75.1 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.6 |
| ≥ 12000 | 17.4 | 67.2 | 73.5 | 75.4 | 76.8 | 76.9 | 77.4 | 77.6 | 77.6 | 77.8 | 78.0 | 78.1 | 78.2 | 78.2 | 78.2 | 78.3 |
| ≥ 10000 | 17.6 | 69.5 | 76.1 | 78.0 | 79.7 | 79.7 | 80.3 | 80.5 | 80.5 | 80.7 | 81.0 | 81.0 | 81.1 | 81.2 | 81.2 | 81.2 |
| ≥ 9000 | 17.7 | 70.2 | 76.8 | 78.8 | 80.4 | 80.4 | 81.0 | 81.2 | 81.2 | 81.4 | 81.7 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 |
| ≥ 8000 | 17.8 | 71.7 | 78.6 | 80.5 | 82.1 | 82.2 | 82.7 | 83.0 | 83.0 | 83.2 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 |
| ≥ 7000 | 17.8 | 72.7 | 79.8 | 81.8 | 83.4 | 83.4 | 84.0 | 84.3 | 84.3 | 84.5 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.1 |
| ≥ 6000 | 17.9 | 73.2 | 80.4 | 82.4 | 84.1 | 84.1 | 84.7 | 85.0 | 85.0 | 85.2 | 85.5 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 5000 | 18.1 | 74.4 | 81.7 | 83.7 | 85.5 | 85.5 | 86.1 | 86.4 | 86.4 | 86.6 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 |
| ≥ 4500 | 18.1 | 74.7 | 82.0 | 84.0 | 85.8 | 85.8 | 86.4 | 86.7 | 86.7 | 87.0 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.5 |
| ≥ 4000 | 18.2 | 75.5 | 83.0 | 85.1 | 86.9 | 86.9 | 87.5 | 87.8 | 87.8 | 88.1 | 88.4 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 |
| ≥ 3500 | 18.2 | 76.1 | 83.8 | 85.8 | 87.6 | 87.6 | 88.2 | 88.6 | 88.6 | 88.8 | 89.2 | 89.2 | 89.3 | 89.3 | 89.3 | 89.4 |
| ≥ 3000 | 18.3 | 76.8 | 84.6 | 86.7 | 88.5 | 88.6 | 89.1 | 89.5 | 89.5 | 89.8 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 |
| ≥ 2500 | 18.5 | 77.9 | 85.8 | 88.0 | 89.8 | 89.9 | 90.4 | 90.8 | 90.8 | 91.1 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.7 |
| ≥ 2000 | 19.0 | 79.5 | 87.9 | 90.2 | 92.2 | 92.2 | 92.9 | 93.3 | 93.3 | 93.6 | 93.9 | 94.0 | 94.0 | 94.1 | 94.1 | 94.1 |
| ≥ 1800 | 19.0 | 79.9 | 88.3 | 90.7 | 92.6 | 92.7 | 93.3 | 93.7 | 93.7 | 94.0 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 1500 | 19.1 | 80.7 | 89.4 | 91.8 | 93.8 | 93.9 | 94.6 | 95.0 | 95.0 | 95.3 | 95.7 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 |
| ≥ 1200 | 19.2 | 81.6 | 90.4 | 92.9 | 94.9 | 95.0 | 95.7 | 96.1 | 96.1 | 96.4 | 96.8 | 96.8 | 96.9 | 96.9 | 96.9 | 97.0 |
| ≥ 1000 | 19.2 | 82.4 | 91.3 | 93.9 | 96.0 | 96.1 | 96.8 | 97.2 | 97.2 | 97.5 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.1 |
| ≥ 900 | 19.2 | 82.5 | 91.5 | 94.1 | 96.2 | 96.3 | 97.0 | 97.4 | 97.4 | 97.7 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.3 |
| ≥ 800 | 19.2 | 82.8 | 91.9 | 94.5 | 96.6 | 96.6 | 97.4 | 97.9 | 97.9 | 98.1 | 98.5 | 98.5 | 98.6 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 19.2 | 83.1 | 92.2 | 94.9 | 97.0 | 97.0 | 97.9 | 98.3 | 98.3 | 98.5 | 98.9 | 98.9 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 19.2 | 83.2 | 92.3 | 94.9 | 97.0 | 97.1 | 97.9 | 98.3 | 98.3 | 98.6 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 |
| ≥ 500 | 19.2 | 83.2 | 92.4 | 95.0 | 97.2 | 97.3 | 98.2 | 98.6 | 98.6 | 98.9 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 19.2 | 83.2 | 92.5 | 95.1 | 97.3 | 97.4 | 98.3 | 98.7 | 98.7 | 99.0 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 300 | 19.2 | 83.2 | 92.5 | 95.3 | 97.5 | 97.7 | 98.5 | 98.9 | 98.9 | 99.2 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 19.2 | 83 | 92.5 | 95.3 | 97.6 | 97.7 | 98.6 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 100 | 19.2 | 83.2 | 92.5 | 95.3 | 97.6 | 97.7 | 98.6 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 19.2 | 83.2 | 92.5 | 95.3 | 97.6 | 97.7 | 98.6 | 99.1 | 99.1 | 99.4 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2469

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 11.6 | 47.5 | 54.1 | 58.3 | 61.0 | 61.2 | 62.4 | 63.3 | 63.4 | 64.1 | 64.6 | 64.6 | 65.1 | 65.3 | 65.6 | 65.8 |
| ≥ 20000 | 12.3 | 51.5 | 58.7 | 63.2 | 66.3 | 66.6 | 67.9 | 68.9 | 69.1 | 70.0 | 70.4 | 70.5 | 71.1 | 71.2 | 71.6 | 71.9 |
| ≥ 18000 | 12.4 | 51.9 | 59.1 | 63.7 | 66.8 | 67.0 | 68.5 | 69.4 | 69.6 | 70.5 | 71.0 | 71.0 | 71.7 | 71.8 | 72.1 | 72.4 |
| ≥ 16000 | 12.4 | 52.0 | 59.2 | 63.8 | 66.8 | 67.1 | 68.5 | 69.5 | 69.7 | 70.6 | 71.0 | 71.1 | 71.7 | 71.9 | 72.2 | 72.5 |
| ≥ 14000 | 12.7 | 52.7 | 59.9 | 64.5 | 67.6 | 67.9 | 69.3 | 70.2 | 70.4 | 71.3 | 71.8 | 71.8 | 72.5 | 72.6 | 72.9 | 73.2 |
| ≥ 12000 | 12.9 | 54.8 | 62.3 | 67.0 | 70.1 | 70.4 | 71.8 | 72.8 | 72.9 | 73.8 | 74.4 | 74.4 | 75.1 | 75.2 | 75.5 | 75.8 |
| ≥ 10000 | 13.2 | 57.2 | 64.9 | 69.7 | 73.0 | 73.3 | 74.8 | 75.8 | 75.9 | 76.8 | 77.4 | 77.4 | 78.0 | 78.2 | 78.5 | 78.9 |
| ≥ 9000 | 13.5 | 58.2 | 65.9 | 70.7 | 74.0 | 74.3 | 75.8 | 76.8 | 77.0 | 77.8 | 78.4 | 78.4 | 79.1 | 79.2 | 79.6 | 79.9 |
| ≥ 8000 | 13.6 | 59.7 | 67.5 | 72.5 | 75.8 | 76.1 | 77.6 | 78.6 | 78.8 | 79.7 | 80.2 | 80.2 | 80.9 | 81.1 | 81.4 | 81.8 |
| ≥ 7000 | 13.7 | 61.0 | 68.9 | 74.0 | 77.4 | 77.7 | 79.3 | 80.3 | 80.4 | 81.3 | 81.8 | 81.9 | 82.6 | 82.7 | 83.1 | 83.4 |
| ≥ 6000 | 13.8 | 61.7 | 69.8 | 74.9 | 78.5 | 78.8 | 80.4 | 81.4 | 81.6 | 82.5 | 83.0 | 83.0 | 83.7 | 83.9 | 84.2 | 84.6 |
| ≥ 5000 | 14.2 | 62.6 | 70.8 | 76.0 | 79.6 | 79.9 | 81.5 | 82.5 | 82.7 | 83.6 | 84.1 | 84.1 | 84.8 | 85.0 | 85.4 | 85.7 |
| ≥ 4500 | 14.2 | 62.9 | 71.1 | 76.3 | 79.9 | 80.3 | 81.9 | 82.9 | 83.1 | 84.0 | 84.5 | 84.6 | 85.2 | 85.4 | 85.8 | 86.1 |
| ≥ 4000 | 14.4 | 64.0 | 72.3 | 77.6 | 81.2 | 81.5 | 83.1 | 84.2 | 84.4 | 85.2 | 85.8 | 85.8 | 86.5 | 86.7 | 87.0 | 87.3 |
| ≥ 3500 | 14.6 | 64.6 | 73.0 | 78.3 | 82.0 | 82.3 | 83.9 | 85.0 | 85.2 | 86.0 | 86.6 | 86.6 | 87.3 | 87.5 | 87.8 | 88.2 |
| ≥ 3000 | 14.6 | 65.4 | 73.8 | 79.2 | 82.9 | 83.3 | 84.9 | 86.0 | 86.1 | 87.0 | 87.5 | 87.6 | 88.3 | 88.4 | 88.8 | 89.1 |
| ≥ 2500 | 14.8 | 66.2 | 74.7 | 80.2 | 84.0 | 84.4 | 86.0 | 87.1 | 87.3 | 88.2 | 88.7 | 88.8 | 89.4 | 89.6 | 90.0 | 90.3 |
| ≥ 2000 | 14.9 | 67.1 | 75.8 | 81.4 | 85.3 | 85.7 | 87.5 | 88.5 | 88.7 | 89.6 | 90.1 | 90.2 | 90.9 | 91.0 | 91.4 | 91.7 |
| ≥ 1800 | 15.0 | 67.2 | 76.0 | 81.6 | 85.5 | 85.8 | 87.6 | 88.7 | 88.8 | 89.8 | 90.3 | 90.3 | 91.0 | 91.2 | 91.5 | 91.9 |
| ≥ 1500 | 15.0 | 68.2 | 77.1 | 82.7 | 86.6 | 87.1 | 88.8 | 90.0 | 90.1 | 91.1 | 91.6 | 91.7 | 92.4 | 92.5 | 92.9 | 93.2 |
| ≥ 1200 | 15.2 | 69.2 | 78.1 | 83.9 | 87.8 | 88.2 | 90.1 | 91.2 | 91.4 | 92.4 | 92.9 | 92.9 | 93.6 | 93.8 | 94.1 | 94.5 |
| ≥ 1000 | 15.2 | 69.7 | 78.8 | 84.6 | 88.6 | 89.1 | 91.0 | 92.2 | 92.3 | 93.3 | 93.8 | 93.9 | 94.5 | 94.7 | 95.1 | 95.4 |
| ≥ 900 | 15.2 | 69.8 | 79.0 | 84.8 | 88.8 | 89.3 | 91.2 | 92.4 | 92.5 | 93.6 | 94.1 | 94.2 | 94.9 | 95.0 | 95.4 | 95.7 |
| ≥ 800 | 15.2 | 70.3 | 79.5 | 85.4 | 89.4 | 89.9 | 92.0 | 93.1 | 93.3 | 94.3 | 94.9 | 94.9 | 95.6 | 95.8 | 96.2 | 96.5 |
| ≥ 700 | 15.2 | 70.5 | 79.8 | 85.7 | 89.9 | 90.4 | 92.4 | 93.6 | 93.8 | 94.8 | 95.4 | 95.4 | 96.1 | 96.3 | 96.6 | 97.0 |
| ≥ 600 | 15.2 | 70.6 | 80.1 | 86.0 | 90.3 | 90.8 | 92.8 | 94.0 | 94.2 | 95.3 | 95.8 | 95.9 | 96.6 | 96.7 | 97.1 | 97.4 |
| ≥ 500 | 15.2 | 70.6 | 80.2 | 86.2 | 90.6 | 91.1 | 93.2 | 94.5 | 94.7 | 95.8 | 96.4 | 96.4 | 97.1 | 97.3 | 97.7 | 98.0 |
| ≥ 400 | 15.2 | 70.8 | 80.5 | 86.5 | 91.0 | 91.5 | 93.6 | 94.9 | 95.1 | 96.4 | 97.0 | 97.0 | 97.7 | 97.9 | 98.2 | 98.5 |
| ≥ 300 | 15.2 | 70.8 | 80.5 | 86.6 | 91.2 | 91.7 | 93.9 | 95.3 | 95.6 | 96.8 | 97.5 | 97.5 | 98.2 | 98.3 | 98.8 | 99.1 |
| ≥ 200 | 15.2 | 70.8 | 80.5 | 86.6 | 91.2 | 91.8 | 93.9 | 95.3 | 95.7 | 96.9 | 97.5 | 97.6 | 98.4 | 98.6 | 99.1 | 99.4 |
| ≥ 100 | 15.2 | 70.8 | 80.5 | 86.6 | 91.2 | 91.8 | 93.9 | 95.3 | 95.7 | 96.9 | 97.5 | 97.6 | 98.5 | 98.7 | 99.3 | 99.8 |
| ≥ 0 | 15.2 | 70.8 | 80.5 | 86.6 | 91.2 | 91.8 | 93.9 | 95.3 | 95.7 | 96.9 | 97.5 | 97.6 | 98.6 | 98.8 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2473

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

SPEEDLOG® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JUN MONTH

0600-0800 HOURS (LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.7 | 48.4 | 52.3 | 53.7 | 55.1 | 55.3 | 55.9 | 56.0 | 56.1 | 56.2 | 56.3 | 56.3 | 56.6 | 56.6 | 56.8 | 57.2 |
| ≥ 20000 | 23.1 | 55.2 | 59.6 | 61.4 | 63.1 | 63.3 | 64.0 | 64.2 | 64.3 | 64.5 | 64.6 | 64.6 | 64.9 | 64.9 | 65.1 | 65.5 |
| ≥ 18000 | 23.3 | 55.6 | 60.0 | 61.9 | 63.6 | 63.8 | 64.4 | 64.7 | 64.7 | 64.9 | 65.1 | 65.1 | 65.3 | ( .4 | 65.6 | 66.0 |
| ≥ 16000 | 23.3 | 56.0 | 60.4 | 62.3 | 64.0 | 64.2 | 64.8 | 65.1 | 65.1 | 65.3 | 65.5 | 65.5 | 65.7 | 65.8 | 66.0 | 66.4 |
| ≥ 14000 | 23.7 | 57.4 | 61.8 | 63.8 | 65.5 | 65.7 | 66.3 | 66.6 | 66.7 | 66.9 | 67.0 | 67.0 | 67.2 | 67.3 | 67.5 | 67.9 |
| ≥ 12000 | 24.8 | 60.5 | 65.3 | 67.3 | 69.0 | 69.2 | 69.9 | 70.2 | 70.2 | 70.4 | 70.5 | 70.5 | 70.8 | 70.9 | 71.0 | 71.5 |
| ≥ 10000 | 26.0 | 63.6 | 68.6 | 70.9 | 72.7 | 72.9 | 73.6 | 73.8 | 73.9 | 74.1 | 74.2 | 74.2 | 74.5 | 74.6 | 74.8 | 75.2 |
| ≥ 9000 | 26.2 | 64.1 | 69.2 | 71.5 | 73.3 | 73.5 | 74.2 | 74.4 | 74.5 | 74.7 | 74.8 | 74.8 | 75.1 | 75.2 | 75.4 | 75.8 |
| ≥ 8000 | 26.8 | 66.4 | 71.7 | 74.1 | 75.9 | 76.1 | 76.8 | 77.1 | 77.1 | 77.3 | 77.5 | 77.5 | 77.7 | 77.9 | 78.0 | 78.5 |
| ≥ 7000 | 27.2 | 67.5 | 72.9 | 75.3 | 77.1 | 77.4 | 78.1 | 78.4 | 78.4 | 78.6 | 78.7 | 78.7 | 79.0 | 79.1 | 79.3 | 79.7 |
| ≥ 6000 | 27.5 | 68.4 | 73.9 | 76.4 | 78.2 | 78.5 | 79.2 | 79.5 | 79.5 | 79.7 | 79.8 | 79.8 | 80.2 | 80.3 | 80.4 | 80.9 |
| ≥ 5000 | 27.7 | 69.1 | 74.6 | 77.1 | 79.0 | 79.3 | 80.0 | 80.3 | 80.4 | 80.6 | 80.7 | 80.7 | 81.0 | 81.1 | 81.3 | 81.7 |
| ≥ 4500 | 27.7 | 69.4 | 74.9 | 77.4 | 79.3 | 79.6 | 80.3 | 80.6 | 80.6 | 80.8 | 81.0 | 81.0 | 81.3 | 81.4 | 81.6 | 82.0 |
| ≥ 4000 | 27.9 | 70.0 | 75.6 | 78.1 | 80.0 | 80.3 | 81.0 | 81.3 | 81.4 | 81.6 | 81.7 | 81.7 | 82.0 | 82.1 | 82.3 | 82.7 |
| ≥ 3500 | 28.1 | 70.3 | 76.0 | 78.5 | 80.4 | 80.7 | 81.5 | 81.8 | 81.8 | 82.0 | 82.1 | 82.1 | 82.4 | 82.6 | 82.7 | 83.1 |
| ≥ 3000 | 28.6 | 71.7 | 77.5 | 80.1 | 82.0 | 82.3 | 83.1 | 83.4 | 83.4 | 83.6 | 83.7 | 83.7 | 84.1 | 84.2 | 84.3 | 84.8 |
| ≥ 2500 | 28.8 | 72.5 | 78.4 | 81.1 | 82.9 | 83.3 | 84.1 | 84.4 | 84.4 | 84.6 | 84.7 | 84.7 | 85.1 | 85.2 | 85.3 | 85.8 |
| ≥ 2000 | 29.2 | 74.1 | 80.0 | 82.8 | 84.8 | 85.1 | 86.0 | 86.3 | 86.3 | 86.5 | 86.6 | 86.6 | 87.0 | 87.1 | 87.2 | 87.7 |
| ≥ 1800 | 29.5 | 74.5 | 80.4 | 83.1 | 85.3 | 85.6 | 86.5 | 86.8 | 86.8 | 87.0 | 87.1 | 87.1 | 87.4 | 87.6 | 87.7 | 88.2 |
| ≥ 1500 | 29.8 | 75.8 | 81.8 | 84.6 | 86.7 | 87.1 | 88.0 | 88.2 | 88.3 | 88.5 | 88.6 | 88.6 | 89.0 | 89.1 | 89.2 | 89.7 |
| ≥ 1200 | 30.2 | 77.0 | 83.3 | 86.1 | 88.3 | 88.7 | 89.6 | 89.9 | 89.9 | 90.2 | 90.3 | 90.3 | 90.6 | 90.7 | 90.9 | 91.3 |
| ≥ 1000 | 30.5 | 78.1 | 84.6 | 87.6 | 89.9 | 90.3 | 91.3 | 91.6 | 91.7 | 91.9 | 92.1 | 92.1 | 92.4 | 92.5 | 92.6 | 93.1 |
| ≥ 900 | 30.6 | 78.5 | 84.9 | 87.9 | 90.3 | 90.7 | 91.7 | 92.0 | 92.1 | 92.3 | 92.4 | 92.4 | 92.8 | 92.9 | 93.0 | 93.5 |
| ≥ 800 | 30.8 | 79.2 | 85.8 | 88.9 | 91.3 | 91.7 | 92.7 | 93.2 | 93.3 | 93.6 | 93.7 | 93.7 | 94.0 | 94.1 | 94.3 | 94.7 |
| ≥ 700 | 30.8 | 79.6 | 86.4 | 89.7 | 92.2 | 92.6 | 93.8 | 94.3 | 94.3 | 94.6 | 94.7 | 94.7 | 95.0 | 95.2 | 95.3 | 95.7 |
| ≥ 600 | 30.8 | 79.8 | 86.8 | 90.1 | 92.8 | 93.3 | 94.5 | 95.1 | 95.2 | 95.5 | 95.6 | 95.6 | 95.9 | 96.0 | 96.2 | 96.6 |
| ≥ 500 | 30.9 | 80.0 | 87.1 | 90.5 | 93.4 | 93.9 | 95.2 | 95.9 | 96.1 | 96.4 | 96.6 | 96.6 | 96.9 | 97.1 | 97.2 | 97.7 |
| ≥ 400 | 30.9 | 80.2 | 87.4 | 90.8 | 93.8 | 94.3 | 95.6 | 96.4 | 96.5 | 97.0 | 97.2 | 97.3 | 97.6 | 97.7 | 97.9 | 98.3 |
| ≥ 300 | 30.9 | 80.4 | 87.6 | 91.0 | 94.1 | 94.7 | 96.3 | 97.1 | 97.2 | 97.7 | 97.9 | 97.9 | 98.3 | 98.4 | 98.6 | 99.1 |
| ≥ 200 | 30.9 | 80.4 | 87.7 | 91.1 | 94.3 | 94.9 | 96.5 | 97.4 | 97.5 | 98.1 | 98.3 | 98.4 | 98.8 | 98.9 | 99.2 | 99.7 |
| ≥ 100 | 30.9 | 80.4 | 87.7 | 91.1 | 94.3 | 94.9 | 96.5 | 97.4 | 97.5 | 98.1 | 98.4 | 98.4 | 98.9 | 99.0 | 99.4 | 99.9 |
| ≥ 0 | 30.9 | 80.4 | 87.7 | 91.1 | 94.3 | 94.9 | 96.5 | 97.4 | 97.5 | 98.1 | 98.4 | 98.4 | 98.9 | 99.1 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2516

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

0900-1100 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.7 | 55.9 | 57.0 | 57.3 | 57.5 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 | 57.6 |
| ≥ 20000 | 37.4 | 65.2 | 66.4 | 66.7 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 18000 | 37.6 | 65.6 | 66.9 | 67.1 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 16000 | 37.7 | 65.9 | 67.1 | 67.4 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 14000 | 38.4 | 67.4 | 68.7 | 69.0 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 12000 | 39.9 | 70.6 | 71.9 | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 10000 | 40.7 | 73.1 | 74.5 | 74.8 | 75.0 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 | 75.1 |
| ≥ 9000 | 40.9 | 73.9 | 75.3 | 75.6 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 8000 | 41.7 | 75.2 | 76.7 | 77.1 | 77.3 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 7000 | 42.1 | 76.3 | 77.9 | 78.2 | 78.4 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 6000 | 42.3 | 76.8 | 78.4 | 78.8 | 79.0 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 5000 | 42.4 | 77.4 | 79.1 | 79.4 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 4500 | 42.7 | 77.7 | 79.4 | 79.8 | 80.0 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 43.0 | 78.5 | 80.2 | 80.6 | 80.9 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 3500 | 43.6 | 79.3 | 81.1 | 81.6 | 81.8 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 3000 | 44.7 | 81.0 | 83.0 | 83.5 | 83.8 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 2500 | 45.5 | 83.0 | 84.9 | 85.5 | 85.7 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 2000 | 46.6 | 85.7 | 87.7 | 88.4 | 88.6 | 88.9 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 1800 | 47.1 | 86.7 | 88.8 | 89.4 | 89.6 | 89.9 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 | 90.1 |
| ≥ 1500 | 47.9 | 88.8 | 90.9 | 91.6 | 91.8 | 92.1 | 92.2 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 1200 | 48.3 | 90.9 | 93.2 | 93.9 | 94.2 | 94.4 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1000 | 48.7 | 92.2 | 94.6 | 95.3 | 95.8 | 96.1 | 96.3 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 900 | 48.7 | 92.4 | 94.8 | 95.5 | 96.0 | 96.3 | 96.6 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 800 | 48.8 | 92.9 | 95.5 | 96.3 | 96.9 | 97.2 | 97.6 | 97.6 | 97.6 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 48.9 | 93.3 | 96.0 | 96.8 | 97.6 | 97.9 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 600 | 48.9 | 93.5 | 96.3 | 97.0 | 97.9 | 98.2 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 48.9 | 93.7 | 96.4 | 97.3 | 98.3 | 98.7 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 48.9 | 93.7 | 96.4 | 97.4 | 98.4 | 98.8 | 99.2 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 48.9 | 93.7 | 96.5 | 97.5 | 98.5 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 48.9 | 93.7 | 96.5 | 97.5 | 98.5 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 48.9 | 93.7 | 96.5 | 97.5 | 98.5 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 48.9 | 93.7 | 96.5 | 97.5 | 98.5 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2537

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

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

1200-1400 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.4 | 54.5 | 56.0 | 56.4 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.5 | 56.6 | 56.6 | 56.6 | 56.6 |
| ≥ 20000 | 39.5 | 66.5 | 68.2 | 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 |
| ≥ 18000 | 39.9 | 67.1 | 68.8 | 69.5 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 | 69.7 |
| ≥ 16000 | 39.9 | 67.4 | 69.1 | 69.9 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 14000 | 40.6 | 68.7 | 70.4 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 12000 | 41.8 | 71.2 | 72.9 | 73.7 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 10000 | 42.6 | 73.4 | 75.3 | 76.2 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 |
| ≥ 9000 | 42.7 | 73.7 | 75.6 | 76.4 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 8000 | 43.9 | 75.7 | 77.7 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 7000 | 44.2 | 76.5 | 78.6 | 79.5 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 6000 | 44.7 | 77.5 | 79.6 | 80.6 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 5000 | 45.0 | 78.1 | 80.2 | 81.3 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 4500 | 45.2 | 78.5 | 80.7 | 81.7 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 |
| ≥ 4000 | 45.7 | 79.7 | 81.9 | 83.0 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.4 | 83.4 | 83.4 | 83.4 |
| ≥ 3500 | 46.6 | 81.1 | 83.3 | 84.5 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 3000 | 48.7 | 84.0 | 86.4 | 87.8 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 2500 | 49.8 | 86.5 | 88.9 | 90.4 | 90.8 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 50.6 | 88.6 | 91.4 | 92.8 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 50.7 | 89.0 | 91.8 | 93.3 | 93.8 | 93.9 | 93.9 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 51.3 | 90.5 | 93.3 | 95.0 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.8 | 95.8 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 1200 | 51.5 | 91.6 | 94.5 | 96.3 | 96.8 | 96.8 | 96.8 | 96.9 | 97.0 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 | 97.2 |
| ≥ 1000 | 51.5 | 91.9 | 94.9 | 96.7 | 97.3 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 900 | 51.5 | 92.1 | 95.1 | 96.9 | 97.5 | 97.5 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 51.5 | 92.3 | 95.5 | 97.3 | 98.1 | 98.1 | 98.3 | 98.4 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 51.5 | 92.4 | 95.7 | 97.5 | 98.3 | 98.4 | 98.7 | 98.7 | 98.8 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 51.6 | 92.5 | 95.7 | 97.6 | 98.5 | 98.5 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 51.6 | 92.5 | 95.8 | 97.6 | 98.6 | 98.7 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 51.6 | 92.6 | 95.9 | 97.7 | 98.7 | 98.7 | 99.1 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 51.6 | 92.7 | 96.0 | 97.9 | 98.8 | 98.9 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 51.6 | 92.7 | 96.0 | 97.9 | 98.8 | 98.9 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 51.6 | 92.7 | 96.0 | 97.9 | 98.8 | 98.9 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 51.6 | 92.7 | 96.0 | 97.9 | 98.8 | 98.9 | 99.3 | 99.4 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2534

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

SPEEDYFORM® MOORE BUSINESS FORMS, INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

1500-1700 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.2 | 52.6 | 53.6 | 53.8 | 54.2 | 54.2 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 | 54.4 |
| ≥ 20000 | 39.7 | 66.4 | 67.7 | 68.1 | 68.5 | 68.5 | 68.6 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 18000 | 39.9 | 67.2 | 68.5 | 68.9 | 69.4 | 69.4 | 69.5 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 16000 | 39.9 | 67.7 | 69.2 | 69.6 | 70.0 | 70.0 | 70.1 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 | 70.2 |
| ≥ 14000 | 40.9 | 70.0 | 71.6 | 72.0 | 72.5 | 72.5 | 72.6 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 12000 | 42.0 | 72.2 | 74.0 | 74.5 | 75.0 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 10000 | 42.9 | 74.5 | 76.3 | 76.9 | 77.4 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 9000 | 43.0 | 74.9 | 76.7 | 77.4 | 77.9 | 77.9 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 8000 | 43.7 | 76.5 | 78.7 | 79.4 | 80.0 | 80.0 | 80.1 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 7000 | 44.1 | 77.7 | 79.9 | 80.7 | 81.3 | 81.3 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 6000 | 44.4 | 78.4 | 80.7 | 81.6 | 82.1 | 82.2 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 5000 | 44.9 | 79.7 | 82.0 | 82.9 | 83.5 | 83.5 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 4500 | 45.1 | 80.4 | 82.8 | 83.7 | 84.3 | 84.3 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4000 | 45.8 | 81.3 | 84.4 | 85.5 | 86.1 | 86.1 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≥ 3500 | 46.6 | 83.1 | 85.7 | 86.8 | 87.4 | 87.5 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3000 | 47.5 | 84.6 | 87.4 | 88.5 | 89.3 | 89.4 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 2500 | 48.4 | 86.8 | 89.6 | 90.9 | 91.7 | 91.8 | 92.0 | 92.1 | 92.1 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 | 92.2 |
| ≥ 2000 | 48.9 | 88.4 | 91.5 | 92.9 | 93.9 | 94.0 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 | 94.4 |
| ≥ 1800 | 49.0 | 88.7 | 91.9 | 93.3 | 94.3 | 94.4 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 49.5 | 90.0 | 93.3 | 94.8 | 95.8 | 96.0 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 49.7 | 90.8 | 94.3 | 95.8 | 96.9 | 97.0 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 49.9 | 91.1 | 94.6 | 96.2 | 97.3 | 97.5 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 900 | 49.9 | 91.2 | 94.7 | 96.3 | 97.4 | 97.6 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 50.0 | 91.3 | 95.0 | 96.6 | 98.0 | 98.1 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 700 | 50.0 | 91.5 | 95.2 | 96.9 | 98.2 | 98.4 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 50.0 | 91.5 | 95.3 | 96.9 | 98.3 | 98.5 | 98.9 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 50.0 | 91.7 | 95.5 | 97.2 | 98.7 | 98.9 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 50.0 | 91.8 | 95.7 | 97.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 50.0 | 91.8 | 95.7 | 97.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 50.0 | 91.8 | 95.7 | 97.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 50.0 | 91.8 | 95.7 | 97.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 50.0 | 91.8 | 95.7 | 97.4 | 98.9 | 99.0 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2539

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

1800-2000 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 26.5 | 50.8 | 52.2 | 52.5 | 52.9 | 52.9 | 53.0 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 | 53.2 |
| ≥ 29000 | 32.6 | 65.0 | 67.1 | 67.5 | 68.1 | 68.1 | 68.1 | 68.3 | 68.3 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 |
| ≥ 18000 | 32.8 | 65.5 | 67.6 | 68.0 | 68.6 | 68.6 | 68.7 | 68.8 | 68.8 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 | 68.9 |
| ≥ 16000 | 33.0 | 65.9 | 68.0 | 68.4 | 69.0 | 69.0 | 69.1 | 69.2 | 69.2 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 | 69.3 |
| ≥ 14000 | 34.0 | 68.3 | 70.4 | 70.9 | 71.5 | 71.5 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 12000 | 35.4 | 70.9 | 73.3 | 73.7 | 74.4 | 74.4 | 74.5 | 74.6 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 |
| ≥ 10000 | 36.3 | 73.9 | 76.5 | 77.0 | 77.7 | 77.7 | 77.9 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 36.6 | 74.8 | 77.5 | 78.0 | 78.8 | 78.8 | 79.0 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 8000 | 37.2 | 77.1 | 79.9 | 80.5 | 81.4 | 81.4 | 81.5 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.8 | 81.8 | 81.8 | 81.8 |
| ≥ 7000 | 37.4 | 77.9 | 80.8 | 81.4 | 82.3 | 82.3 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 6000 | 38.0 | 79.0 | 81.9 | 82.6 | 83.5 | 83.5 | 83.6 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 5000 | 38.4 | 80.5 | 83.4 | 84.1 | 85.1 | 85.1 | 85.3 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 4500 | 38.5 | 81.1 | 84.1 | 84.8 | 85.8 | 85.8 | 86.0 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 4000 | 38.9 | 82.4 | 85.6 | 86.3 | 87.3 | 87.3 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 3500 | 39.2 | 83.0 | 86.2 | 86.9 | 88.0 | 88.0 | 88.2 | 88.4 | 88.4 | 88.4 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 3000 | 39.8 | 84.8 | 88.1 | 88.9 | 90.1 | 90.1 | 90.3 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2500 | 40.6 | 86.4 | 89.8 | 90.6 | 91.9 | 91.9 | 92.2 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 2000 | 41.0 | 88.0 | 91.6 | 92.6 | 93.9 | 93.9 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 | 94.5 |
| ≥ 1800 | 41.0 | 88.4 | 91.9 | 92.9 | 94.2 | 94.3 | 94.5 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 41.3 | 89.4 | 93.2 | 94.3 | 95.7 | 95.7 | 96.0 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1200 | 41.4 | 90.3 | 94.2 | 95.4 | 96.8 | 96.9 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 1000 | 41.4 | 90.7 | 94.7 | 96.0 | 97.4 | 97.5 | 98.0 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 41.4 | 90.8 | 94.8 | 96.1 | 97.6 | 97.6 | 98.1 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 41.5 | 91.1 | 95.1 | 96.5 | 98.0 | 98.0 | 98.5 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 41.5 | 91.2 | 95.2 | 96.6 | 98.2 | 98.2 | 98.7 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 41.6 | 91.3 | 95.3 | 96.7 | 98.3 | 98.3 | 98.8 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 41.6 | 91.3 | 95.4 | 96.9 | 98.5 | 98.5 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 41.6 | 91.5 | 95.6 | 97.0 | 98.6 | 98.7 | 99.3 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 41.6 | 91.5 | 95.6 | 97.0 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 41.6 | 91.5 | 95.6 | 97.0 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 41.6 | 91.5 | 95.6 | 97.0 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 41.6 | 91.5 | 95.6 | 97.0 | 98.7 | 98.7 | 99.4 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2543

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

SPEEDLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 STATION
MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME
43-47,49-72 YEARS
JUN MONTH

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

2100-2300 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 21.4 | 60.8 | 62.9 | 63.8 | 64.2 | 64.2 | 64.4 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 | 64.8 |
| ≥ 20000 | 23.8 | 68.7 | 71.3 | 72.5 | 73.1 | 73.1 | 73.3 | 73.6 | 73.6 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 | 73.7 |
| ≥ 18000 | 23.9 | 68.9 | 71.6 | 72.7 | 73.3 | 73.3 | 73.6 | 73.8 | 73.8 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 | 74.0 |
| ≥ 16000 | 23.9 | 69.2 | 71.8 | 73.0 | 73.6 | 73.6 | 73.8 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 14000 | 24.4 | 70.8 | 73.5 | 74.7 | 75.3 | 75.3 | 75.5 | 75.8 | 75.8 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 12000 | 25.0 | 73.0 | 75.8 | 77.0 | 77.6 | 77.6 | 77.8 | 78.1 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 10000 | 25.6 | 76.2 | 79.4 | 80.6 | 81.4 | 81.4 | 81.7 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 9000 | 25.7 | 76.6 | 80.1 | 81.4 | 82.2 | 82.2 | 82.5 | 82.7 | 82.7 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 8000 | 26.0 | 78.6 | 82.1 | 83.4 | 84.2 | 84.2 | 84.6 | 84.8 | 84.8 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 7000 | 26.1 | 79.6 | 83.2 | 84.6 | 85.4 | 85.4 | 85.7 | 86.0 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 | 86.1 |
| ≥ 6000 | 26.2 | 80.4 | 84.0 | 85.4 | 86.2 | 86.2 | 86.5 | 86.8 | 86.8 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 5000 | 26.6 | 81.8 | 85.4 | 87.0 | 87.8 | 87.8 | 88.1 | 88.4 | 88.4 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 | 88.5 |
| ≥ 4500 | 26.7 | 82.3 | 86.0 | 87.6 | 88.4 | 88.4 | 88.7 | 89.0 | 89.0 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 | 89.2 |
| ≥ 4000 | 26.7 | 83.2 | 87.0 | 88.7 | 89.6 | 89.6 | 89.9 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3500 | 26.8 | 83.6 | 87.6 | 89.3 | 90.2 | 90.2 | 90.6 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 3000 | 26.9 | 84.1 | 88.3 | 90.0 | 91.0 | 91.0 | 91.3 | 91.7 | 91.7 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 | 91.8 |
| ≥ 2500 | 26.9 | 85.1 | 89.5 | 91.2 | 92.3 | 92.3 | 92.7 | 93.0 | 93.0 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 2000 | 27.1 | 86.5 | 91.2 | 93.0 | 94.3 | 94.3 | 94.7 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 27.3 | 87.0 | 91.7 | 93.6 | 94.8 | 94.8 | 95.2 | 95.5 | 95.5 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1500 | 27.4 | 87.8 | 92.6 | 94.4 | 96.0 | 96.0 | 96.5 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 27.5 | 88.5 | 93.5 | 95.5 | 97.1 | 97.2 | 97.6 | 97.9 | 97.9 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 27.5 | 89.0 | 94.0 | 96.1 | 97.8 | 97.8 | 98.3 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 900 | 27.5 | 89.1 | 94.1 | 96.2 | 97.9 | 97.9 | 98.4 | 98.7 | 98.7 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 800 | 27.5 | 89.2 | 94.3 | 96.5 | 98.1 | 98.2 | 98.7 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 700 | 27.5 | 89.5 | 94.6 | 96.8 | 98.4 | 98.5 | 98.9 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 600 | 27.5 | 89.5 | 94.6 | 96.8 | 98.5 | 98.5 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 27.5 | 89.5 | 94.6 | 96.9 | 98.6 | 98.6 | 99.1 | 99.4 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 27.5 | 89.7 | 94.8 | 97.0 | 98.7 | 98.8 | 99.2 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 27.5 | 89.8 | 94.9 | 97.2 | 98.9 | 98.9 | 99.4 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 27.5 | 89.8 | 94.9 | 97.2 | 98.9 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 27.5 | 89.8 | 94.9 | 97.2 | 98.9 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 27.5 | 89.8 | 94.9 | 97.2 | 98.9 | 98.9 | 99.4 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2531

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) JUL (MONTH)

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

0000-0200 (HOURS (L S T))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 17.5 | 57.2 | 61.7 | 63.7 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 20000 | 19.5 | 65.2 | 70.6 | 73.1 | 73.9 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 |
| ≥ 18000 | 19.5 | 65.4 | 70.9 | 73.3 | 74.2 | 74.2 | 74.4 | 74.4 | 74.4 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 16000 | 19.7 | 66.3 | 72.0 | 74.4 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 14000 | 20.6 | 68.6 | 74.4 | 76.9 | 77.8 | 77.8 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 12000 | 20.9 | 71.0 | 77.0 | 79.5 | 80.4 | 80.5 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 10000 | 21.2 | 74.9 | 81.3 | 83.9 | 84.8 | 84.9 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 9000 | 21.3 | 75.5 | 81.9 | 84.5 | 85.4 | 85.5 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 | 85.8 |
| ≥ 8000 | 21.4 | 77.0 | 83.7 | 86.4 | 87.3 | 87.4 | 87.7 | 87.7 | 87.7 | 87.7 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 7000 | 21.6 | 78.0 | 84.8 | 87.5 | 88.5 | 88.6 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 6000 | 21.6 | 78.5 | 85.6 | 88.3 | 89.3 | 89.4 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 |
| ≥ 5000 | 21.7 | 79.0 | 86.3 | 89.0 | 90.0 | 90.0 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 4500 | 21.8 | 79.3 | 86.6 | 89.4 | 90.4 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 | 90.9 |
| ≥ 4000 | 21.8 | 80.2 | 87.7 | 90.5 | 91.6 | 91.6 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 | 92.0 |
| ≥ 3500 | 21.9 | 80.7 | 88.2 | 91.0 | 92.1 | 92.2 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 3000 | 22.0 | 81.5 | 89.2 | 92.2 | 93.3 | 93.4 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 2500 | 22.1 | 82.1 | 90.0 | 92.9 | 94.1 | 94.2 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 | 94.6 |
| ≥ 2000 | 22.2 | 83.1 | 91.2 | 94.4 | 95.6 | 95.7 | 96.1 | 96.1 | 96.1 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 1800 | 22.3 | 83.4 | 91.5 | 94.7 | 95.9 | 96.0 | 96.4 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1500 | 22.4 | 83.7 | 91.9 | 95.1 | 96.4 | 96.5 | 96.9 | 96.9 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 1200 | 22.4 | 84.3 | 92.6 | 95.8 | 97.1 | 97.2 | 97.6 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 1000 | 22.4 | 84.7 | 93.1 | 96.5 | 97.9 | 98.0 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 |
| ≥ 900 | 22.4 | 84.9 | 93.2 | 96.6 | 98.0 | 98.1 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 800 | 22.4 | 84.9 | 93.4 | 96.8 | 98.2 | 98.3 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 700 | 22.4 | 85.1 | 93.6 | 97.1 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 600 | 22.4 | 85.2 | 93.7 | 97.3 | 98.7 | 98.8 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 500 | 22.4 | 85.3 | 93.8 | 97.4 | 98.9 | 99.0 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 400 | 22.4 | 85.3 | 93.8 | 97.4 | 99.0 | 99.1 | 99.6 | 99.6 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 22.4 | 85.4 | 93.9 | 97.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 22.4 | 85.4 | 93.9 | 97.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 22.4 | 85.4 | 93.9 | 97.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 22.4 | 85.4 | 93.9 | 97.6 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2491

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) JUL (MONTH)

0300-0500 (HOURS LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 12.0 | 50.0 | 56.7 | 59.9 | 61.8 | 61.9 | 62.7 | 62.8 | 62.9 | 63.3 | 63.5 | 63.5 | 63.8 | 63.8 | 63.8 | 63.8 |
| ≥ 20000 | 13.8 | 57.0 | 64.5 | 67.9 | 70.1 | 70.3 | 71.1 | 71.2 | 71.3 | 71.7 | 72.0 | 72.0 | 72.3 | 72.3 | 72.4 | 72.4 |
| ≥ 18000 | 13.9 | 57.3 | 64.9 | 68.3 | 70.6 | 70.7 | 71.6 | 71.7 | 71.8 | 72.2 | 72.4 | 72.4 | 72.7 | 72.8 | 72.8 | 72.8 |
| ≥ 16000 | 13.9 | 57.7 | 65.4 | 68.9 | 71.1 | 71.3 | 72.1 | 72.2 | 72.3 | 72.7 | 72.9 | 72.9 | 73.2 | 73.3 | 73.3 | 73.3 |
| ≥ 14000 | 14.4 | 59.3 | 67.2 | 70.7 | 72.9 | 73.1 | 74.0 | 74.0 | 74.2 | 74.6 | 74.8 | 74.8 | 75.1 | 75.1 | 75.2 | 75.2 |
| ≥ 12000 | 14.8 | 62.0 | 70.3 | 73.8 | 76.1 | 76.3 | 77.3 | 77.4 | 77.5 | 77.9 | 78.2 | 78.2 | 78.5 | 78.5 | 78.6 | 78.6 |
| ≥ 10000 | 15.5 | 65.4 | 74.2 | 77.9 | 80.2 | 80.4 | 81.6 | 81.6 | 81.7 | 82.1 | 82.4 | 82.4 | 82.7 | 82.8 | 82.9 | 82.9 |
| ≥ 9000 | 15.5 | 65.9 | 74.7 | 78.4 | 80.8 | 81.0 | 82.1 | 82.2 | 82.3 | 82.7 | 82.9 | 82.9 | 83.3 | 83.3 | 83.4 | 83.4 |
| ≥ 8000 | 15.7 | 68.0 | 77.0 | 80.9 | 83.4 | 83.6 | 84.8 | 84.9 | 85.0 | 85.4 | 85.6 | 85.6 | 86.0 | 86.0 | 86.1 | 86.1 |
| ≥ 7000 | 15.8 | 68.8 | 78.0 | 81.9 | 84.7 | 84.8 | 86.0 | 86.1 | 86.2 | 86.6 | 86.9 | 86.9 | 87.2 | 87.3 | 87.4 | 87.4 |
| ≥ 6000 | 15.9 | 69.3 | 78.7 | 82.6 | 85.4 | 85.6 | 86.8 | 86.9 | 87.0 | 87.4 | 87.6 | 87.6 | 88.0 | 88.0 | 88.1 | 88.1 |
| ≥ 5000 | 15.9 | 69.7 | 79.3 | 83.3 | 86.0 | 86.3 | 87.5 | 87.6 | 87.7 | 88.1 | 88.3 | 88.3 | 88.7 | 88.7 | 88.8 | 88.8 |
| ≥ 4500 | 15.9 | 69.8 | 79.4 | 83.4 | 86.2 | 86.4 | 87.7 | 87.8 | 87.[illegible] | [illegible] | 88.5 | 88.5 | 88.9 | 88.9 | 89.0 | 89.0 |
| ≥ 4000 | 15.9 | 70.3 | 80.1 | 84.2 | 87.0 | 87.2 | 88.5 | 88.5 | 88. | [illegible] | 89.3 | 89.3 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 3500 | 16.0 | 70.7 | 80.5 | 84.7 | 87.6 | 87.8 | 89.1 | 89.2 | 89.4 | .8 | 90.0 | 90.0 | 90.4 | 90.4 | 90.5 | 90.5 |
| ≥ 3000 | 16.0 | 71.4 | 81.5 | 85.8 | 88.7 | 89.0 | 90.3 | 90.5 | 90.6 | 91.0 | 91.3 | 91.3 | 91.6 | 91.7 | 91.7 | 91.7 |
| ≥ 2500 | 16.1 | 72.0 | 82.3 | 86.7 | 89.7 | 89.9 | 91.3 | 91.4 | 91.6 | 92.0 | 92.2 | 92.2 | 92.6 | 92.6 | 92.7 | 92.7 |
| ≥ 2000 | 16.2 | 72.8 | 83.4 | 88.0 | 91.0 | 91.3 | 92.7 | 92.8 | 93.0 | 93.4 | 93.7 | 93.7 | 94.0 | 94.1 | 94.2 | 94.2 |
| ≥ 1800 | 16.2 | 72.9 | 83.6 | 88.2 | 91.2 | 91.5 | 92.9 | 93.0 | 93.2 | 93.7 | 93.9 | 93.9 | 94.3 | 94.3 | 94.4 | 94.4 |
| ≥ 1500 | 16.3 | 73.3 | 84.2 | 88.8 | 91.9 | 92.2 | 93.7 | 93.8 | 94.0 | 94.4 | 94.7 | 94.7 | 95.0 | 95.1 | 95.1 | 95.1 |
| ≥ 1200 | 16.4 | 74.0 | 85.0 | 89.7 | 92.8 | 93.2 | 94.7 | 94.8 | 95.0 | 95.4 | 95.7 | 95.7 | 96.0 | 96.1 | 96.1 | 96.1 |
| ≥ 1000 | 16.4 | 74.3 | 85.6 | 90.5 | 93.7 | 94.1 | 95.5 | 95.7 | 95.8 | 96.3 | 96.6 | 96.6 | 96.9 | 97.0 | 97.1 | 97.1 |
| ≥ 900 | 16.4 | 74.3 | 85.6 | 90.5 | 93.7 | 94.1 | 95.6 | 95.7 | 95.9 | 96.3 | 96.6 | 96.6 | 97.0 | 97.0 | 97.1 | 97.1 |
| ≥ 800 | 16.4 | 74.5 | 85.9 | 90.9 | 94.1 | 94.5 | 96.0 | 96.1 | 96.3 | 96.7 | 97.0 | 97.0 | 97.4 | 97.4 | 97.5 | 97.5 |
| ≥ 700 | 16.4 | 74.5 | 86.0 | 91.1 | 94.3 | 94.8 | 96.2 | 96.3 | 96.5 | 97.0 | 97.3 | 97.3 | 97.6 | 97.7 | 97.7 | 97.7 |
| ≥ 600 | 16.4 | 74.6 | 86.1 | 91.3 | 94.5 | 95.0 | 96.4 | 96.5 | 96.7 | 97.2 | 97.5 | 97.5 | 97.8 | 97.9 | 97.9 | 97.9 |
| ≥ 500 | 16.4 | 75.0 | 86.6 | 91.8 | 95.1 | 95.6 | 97.1 | 97.2 | 97.3 | 97.8 | 98.1 | 98.1 | 98.4 | 98.5 | 98.6 | 98.6 |
| ≥ 400 | 16.4 | 75.0 | 86.6 | 92.0 | 95.4 | 95.8 | 97.3 | 97.5 | 97.6 | 98.1 | 98.4 | 98.4 | 98.8 | 98.8 | 98.9 | 98.9 |
| ≥ 300 | 16.4 | 75.1 | 86.8 | 92.2 | 95.7 | 96.1 | 97.7 | 97.9 | 98.1 | 98.6 | 98.8 | 98.8 | 99.2 | 99.3 | 99.4 | 99.4 |
| ≥ 200 | 16.4 | 75.1 | 86.8 | 92.2 | 95.7 | 96.1 | 97.7 | 97.9 | 98.1 | 98.6 | 98.8 | 98.8 | 99.3 | 99.4 | 99.6 | 99.6 |
| ≥ 100 | 16.4 | 75.1 | 86.8 | 92.2 | 95.7 | 96.1 | 97.7 | 97.9 | 98.1 | 98.6 | 99.0 | 99.0 | 99.4 | 99.5 | 99.8 | 99.8 |
| 0 | 16.4 | 75.1 | 86.8 | 92.2 | 95.7 | 96.1 | 97.7 | 97.9 | 98.1 | 98.6 | 99.0 | 99.0 | 99.4 | 99.5 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2515

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

MOORE BUSINESS FORMS INC STERLING®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.7 | 48.9 | 52.0 | 53.4 | 54.3 | 54.4 | 54.7 | 54.9 | 55.0 | 55.1 | 55.3 | 55.3 | 55.4 | 55.4 | 55.4 | 55.4 |
| ≥ 20000 | 23.8 | 57.7 | 61.6 | 63.5 | 64.6 | 64.8 | 65.1 | 65.4 | 65.4 | 65.7 | 65.8 | 65.8 | 65.9 | 65.9 | 65.9 | 66.0 |
| ≥ 18000 | 24.0 | 58.1 | 62.1 | 64.0 | 65.1 | 65.3 | 65.7 | 65.9 | 65.9 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.5 | 66.6 |
| ≥ 16000 | 24.2 | 58.7 | 62.7 | 64.6 | 65.8 | 65.9 | 66.3 | 66.5 | 66.6 | 66.8 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.2 |
| ≥ 14000 | 24.9 | 60.3 | 64.4 | 66.3 | 67.5 | 67.6 | 68.1 | 68.3 | 68.3 | 68.6 | 68.7 | 68.7 | 68.8 | 68.8 | 68.9 | 69.0 |
| ≥ 12000 | 26.5 | 64.6 | 68.9 | 70.9 | 72.1 | 72.3 | 72.7 | 72.9 | 73.0 | 73.3 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 | 73.6 |
| ≥ 10000 | 28.1 | 69.0 | 73.8 | 75.9 | 77.3 | 77.5 | 78.1 | 78.4 | 78.4 | 78.8 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 |
| ≥ 9000 | 28.3 | 69.9 | 74.7 | 76.8 | 78.2 | 78.4 | 79.0 | 79.3 | 79.3 | 79.7 | 79.8 | 79.8 | 79.9 | 79.9 | 80.0 | 80.0 |
| ≥ 8000 | 28.6 | 71.9 | 76.8 | 78.9 | 80.4 | 80.6 | 81.2 | 81.5 | 81.5 | 81.9 | 82.0 | 82.0 | 82.1 | 82.1 | 82.2 | 82.2 |
| ≥ 7000 | 29.1 | 73.1 | 78.1 | 80.3 | 81.9 | 82.1 | 82.7 | 83.0 | 83.0 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.7 |
| ≥ 6000 | 29.3 | 73.6 | 78.9 | 81.1 | 82.7 | 82.9 | 83.5 | 83.7 | 83.8 | 84.1 | 84.2 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 |
| ≥ 5000 | 29.5 | 74.5 | 79.8 | 82.0 | 83.6 | 83.9 | 84.5 | 84.8 | 84.9 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.5 | 85.6 |
| ≥ 4500 | 29.5 | 74.8 | 80.1 | 82.4 | 83.9 | 84.2 | 84.9 | 85.2 | 85.2 | 85.6 | 85.7 | 85.7 | 85.8 | 85.8 | 85.8 | 85.9 |
| ≥ 4000 | 29.8 | 75.4 | 80.8 | 83.1 | 84.7 | 85.0 | 85.6 | 86.0 | 86.0 | 86.3 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 3500 | 29.9 | 75.7 | 81.0 | 83.5 | 85.1 | 85.4 | 86.1 | 86.4 | 86.4 | 86.8 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.1 |
| ≥ 3000 | 30.2 | 76.5 | 81.9 | 84.5 | 86.1 | 86.4 | 87.1 | 87.5 | 87.5 | 87.9 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 |
| ≥ 2500 | 30.3 | 76.9 | 82.4 | 85.0 | 86.6 | 87.0 | 87.6 | 88.0 | 88.0 | 88.4 | 88.5 | 88.5 | 88.7 | 88.7 | 88.7 | 88.8 |
| ≥ 2000 | 30.8 | 78.4 | 84.2 | 86.8 | 88.5 | 88.9 | 89.6 | 90.0 | 90.0 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.8 |
| ≥ 1800 | 31.0 | 78.6 | 84.5 | 87.2 | 88.9 | 89.3 | 90.0 | 90.4 | 90.4 | 90.8 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.2 |
| ≥ 1500 | 31.2 | 79.8 | 85.8 | 88.5 | 90.4 | 90.8 | 91.5 | 91.9 | 92.0 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 | 92.8 |
| ≥ 1200 | 31.4 | 80.7 | 86.8 | 89.6 | 91.4 | 91.9 | 92.6 | 93.0 | 93.1 | 93.5 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.9 |
| ≥ 1000 | 31.7 | 81.2 | 87.6 | 90.4 | 92.3 | 92.7 | 93.5 | 93.9 | 94.0 | 94.5 | 94.6 | 94.6 | 94.7 | 94.7 | 94.8 | 94.9 |
| ≥ 900 | 31.7 | 81.5 | 87.9 | 90.8 | 92.7 | 93.2 | 93.9 | 94.3 | 94.4 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.3 |
| ≥ 800 | 31.7 | 81.9 | 88.4 | 91.3 | 93.4 | 93.8 | 94.7 | 95.1 | 95.2 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 | 96.0 | 96.1 |
| ≥ 700 | 31.7 | 82.2 | 88.7 | 91.8 | 93.8 | 94.3 | 95.2 | 95.6 | 95.7 | 96.2 | 96.4 | 96.4 | 96.5 | 96.5 | 96.6 | 96.6 |
| ≥ 600 | 31.7 | 82.6 | 89.2 | 92.3 | 94.4 | 94.9 | 95.8 | 96.2 | 96.3 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 |
| ≥ 500 | 31.7 | 83.0 | 89.7 | 93.0 | 95.3 | 95.8 | 96.7 | 97.2 | 97.3 | 97.8 | 98.0 | 98.0 | 98.1 | 98.1 | 98.2 | 98.3 |
| ≥ 400 | 31.7 | 83.0 | 89.8 | 93.2 | 95.5 | 96.0 | 97.1 | 97.6 | 97.6 | 98.2 | 98.4 | 98.4 | 98.6 | 98.6 | 98.7 | 98.8 |
| ≥ 300 | 31.7 | 83.2 | 90.0 | 93.4 | 95.8 | 96.3 | 97.5 | 98.0 | 98.0 | 98.6 | 98.8 | 98.8 | 99.0 | 99.0 | 99.1 | 99.2 |
| ≥ 200 | 31.7 | 83.2 | 90.0 | 93.4 | 95.8 | 96.3 | 97.6 | 98.1 | 98.1 | 98.7 | 99.0 | 99.1 | 99.3 | 99.3 | 99.5 | 99.7 |
| ≥ 100 | 31.7 | 83.2 | 90.0 | 93.4 | 95.8 | 96.3 | 97.6 | 98.1 | 98.1 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.7 | 99.8 |
| ≥ 0 | 31.7 | 83.2 | 90.0 | 93.4 | 95.8 | 96.3 | 97.6 | 98.1 | 98.1 | 98.7 | 99.0 | 99.1 | 99.3 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

0900-1100 (HOURS/LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 28.4 | 51.3 | 51.8 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 | 52.2 |
| ≥ 20000 | 34.3 | 61.3 | 62.1 | 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 |
| ≥ 18000 | 34.5 | 61.7 | 62.5 | 63.1 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 16000 | 34.7 | 62.4 | 63.1 | 63.7 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 | 63.9 |
| ≥ 14000 | 36.4 | 64.7 | 65.6 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 12000 | 38.9 | 69.0 | 70.0 | 70.7 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 | 70.9 |
| ≥ 10000 | 41.0 | 73.1 | 74.3 | 75.0 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 9000 | 41.4 | 73.7 | 75.0 | 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 |
| ≥ 8000 | 42.1 | 75.5 | 76.9 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 7000 | 42.2 | 76.5 | 77.9 | 78.6 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 6000 | 42.7 | 77.3 | 78.7 | 79.4 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 5000 | 43.1 | 78.0 | 79.4 | 80.1 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 4500 | 43.2 | 78.1 | 79.6 | 80.3 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4000 | 43.7 | 79.1 | 80.6 | 81.3 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3500 | 44.0 | 79.8 | 81.3 | 82.1 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 3000 | 45.1 | 81.8 | 83.4 | 84.3 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 2500 | 46.2 | 83.5 | 85.2 | 86.1 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 2000 | 47.7 | 86.3 | 88.4 | 89.2 | 89.6 | 89.6 | 89.7 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1800 | 47.9 | 86.8 | 88.9 | 89.8 | 90.2 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1500 | 48.8 | 88.9 | 91.2 | 92.2 | 92.7 | 92.7 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1200 | 49.6 | 91.0 | 93.6 | 94.7 | 95.3 | 95.3 | 95.5 | 95.6 | 95.6 | 95.6 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 | 95.7 |
| ≥ 1000 | 50.0 | 92.2 | 95.0 | 96.1 | 96.8 | 96.8 | 97.1 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 50.0 | 92.7 | 95.5 | 96.7 | 97.4 | 97.4 | 97.8 | 97.8 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 800 | 50.1 | 92.9 | 95.9 | 97.1 | 97.8 | 97.8 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 50.1 | 93.1 | 96.1 | 97.3 | 98.1 | 98.1 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 50.2 | 93.3 | 96.3 | 97.6 | 98.4 | 98.5 | 99.0 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 50.2 | 93.4 | 96.6 | 98.0 | 98.8 | 98.9 | 99.4 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 50.2 | 93.4 | 96.6 | 98.0 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 50.2 | 93.4 | 96.6 | 98.0 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 50.2 | 93.4 | 96.6 | 98.0 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 50.2 | 93.4 | 96.6 | 98.0 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 50.2 | 93.4 | 96.6 | 98.0 | 99.0 | 99.1 | 99.6 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2593

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

1200-1400 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.0 | 50.3 | 50.7 | 50.8 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 | 51.0 |
| ≥ 20000 | 35.9 | 62.2 | 62.7 | 63.0 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 | 63.2 |
| ≥ 18000 | 36.1 | 62.3 | 62.9 | 63.2 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 | 63.4 |
| ≥ 16000 | 36.6 | 63.4 | 63.9 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 14000 | 38.0 | 65.9 | 66.8 | 67.1 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 12000 | 40.4 | 69.9 | 70.8 | 71.1 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 | 71.4 |
| ≥ 10000 | 42.1 | 74.0 | 75.1 | 75.5 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 |
| ≥ 9000 | 42.4 | 74.8 | 75.9 | 76.2 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 | 76.7 |
| ≥ 8000 | 43.2 | 76.2 | 77.4 | 77.7 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 7000 | 43.5 | 77.0 | 78.4 | 78.9 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 | 79.3 |
| ≥ 6000 | 43.7 | 77.6 | 78.9 | 79.4 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 5000 | 44.1 | 78.2 | 79.6 | 80.2 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 4500 | 44.3 | 78.5 | 80.0 | 80.6 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 | 81.0 |
| ≥ 4000 | 45.4 | 80.3 | 81.8 | 82.4 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 | 82.9 |
| ≥ 3500 | 46.4 | 81.8 | 83.4 | 84.1 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 3000 | 48.2 | 84.4 | 86.1 | 86.9 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 2500 | 49.5 | 87.0 | 89.0 | 89.9 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 2000 | 51.0 | 90.1 | 92.4 | 93.3 | 94.0 | 94.0 | 94.0 | 94.0 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1800 | 51.2 | 90.6 | 92.9 | 93.8 | 94.5 | 94.5 | 94.5 | 94.5 | 94.6 | 94 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≥ 1500 | 51.5 | 91.9 | 94.3 | 95.2 | 96.0 | 96.1 | 96.1 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 51.7 | 92.7 | 95.3 | 96.3 | 97.1 | 97.2 | 97.3 | 97.3 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 52.1 | 93.3 | 96.1 | 97.2 | 98.1 | 98.1 | 98.2 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 52.1 | 93.7 | 96.4 | 97.6 | 98.5 | 98.5 | 98.6 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 800 | 52.1 | 93.8 | 96.6 | 97.8 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 700 | 52.1 | 93.8 | 96.7 | 97.9 | 98.8 | 98.9 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 600 | 52.1 | 93.8 | 96.7 | 98.0 | 99.0 | 99.0 | 99.1 | 99.2 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 52.1 | 93.8 | 96.8 | 98.1 | 99.0 | 99.1 | 99.2 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 52.1 | 93.8 | 96.8 | 98.1 | 99.0 | 99.1 | 99.2 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 52.1 | 93.8 | 96.9 | 98.2 | 99.1 | 99.1 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 52.1 | 93.8 | 96.9 | 98.2 | 99.1 | 99.1 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 52.1 | 93.8 | 96.9 | 98.2 | 99.1 | 99.1 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 52.1 | 93.8 | 96.9 | 98.2 | 99.1 | 99.1 | 99.3 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

1500-1700 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.9 | 47.2 | 47.5 | 47.7 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 | 47.8 |
| ≥ 20000 | 35.4 | 63.2 | 63.9 | 64.2 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 18000 | 36.0 | 64.1 | 64.7 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 16000 | 36.5 | 65.0 | 65.7 | 66.0 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 | 66.2 |
| ≥ 14000 | 37.6 | 67.2 | 68.1 | 68.4 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 | 68.7 |
| ≥ 12000 | 39.8 | 71.2 | 72.1 | 72.4 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 | 72.7 |
| ≥ 10000 | 42.2 | 76.3 | 77.3 | 77.8 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 |
| ≥ 9000 | 42.5 | 76.8 | 77.9 | 78.4 | 78.6 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 |
| ≥ 8000 | 43.5 | 79.2 | 80.4 | 81.0 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 |
| ≥ 7000 | 44.1 | 80.8 | 82.1 | 82.7 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 6000 | 44.3 | 81.6 | 82.9 | 83.6 | 84.1 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 5000 | 44.7 | 82.5 | 84.0 | 84.7 | 85.3 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 44.8 | 82.8 | 84.3 | 85.0 | 85.6 | 85.6 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 4000 | 45.4 | 84.2 | 85.8 | 86.6 | 87.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 46.1 | 85.6 | 87.3 | 88.1 | 88.7 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3000 | 46.9 | 87.4 | 89.1 | 90.1 | 90.8 | 90.8 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 2500 | 47.6 | 89.0 | 90.9 | 91.9 | 92.6 | 92.6 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≥ 2000 | 48.2 | 90.7 | 92.8 | 93.9 | 94.8 | 94.9 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1800 | 48.3 | 91.0 | 93.3 | 94.4 | 95.3 | 95.3 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 | 95.6 |
| ≥ 1500 | 48.5 | 92.0 | 94.4 | 95.6 | 96.5 | 96.6 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 | 96.9 |
| ≥ 1200 | 48.6 | 92.8 | 95.3 | 96.5 | 97.6 | 97.7 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 1000 | 48.8 | 93.3 | 95.9 | 97.2 | 98.3 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 900 | 48.8 | 93.4 | 96.0 | 97.4 | 98.6 | 98.7 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 800 | 48.9 | 93.5 | 96.2 | 97.6 | 98.8 | 98.9 | 99.3 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 700 | 48.9 | 93.5 | 96.2 | 97.6 | 98.9 | 99.0 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 600 | 48.9 | 93.5 | 96.3 | 97.7 | 99.0 | 99.1 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 500 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 48.9 | 93.5 | 96.4 | 97.8 | 99.1 | 99.2 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2598

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

STEGER © MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.8 | 44.9 | 46.0 | 46.2 | 46.4 | 46.4 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 | 46.5 |
| ≥ 20000 | 32.1 | 63.6 | 65.5 | 66.0 | 66.3 | 66.3 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |
| ≥ 18000 | 32.6 | 64.3 | 66.3 | 66.8 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 |
| ≥ 16000 | 33.3 | 65.5 | 67.5 | 68.0 | 68.4 | 68.4 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 | 68.6 |
| ≥ 14000 | 34.1 | 67.9 | 70.2 | 70.7 | 71.1 | 71.1 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 12000 | 36.3 | 72.1 | 74.5 | 75.2 | 75.6 | 75.6 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 10000 | 38.1 | 77.0 | 79.8 | 80.6 | 81.1 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 | 81.3 |
| ≥ 9000 | 38.4 | 77.8 | 80.5 | 81.4 | 81.8 | 81.8 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 8000 | 39.3 | 79.6 | 82.6 | 83.6 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 |
| ≥ 7000 | 39.6 | 81.3 | 84.4 | 85.6 | 86.1 | 86.2 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 |
| ≥ 6000 | 39.9 | 82.0 | 85.4 | 86.5 | 87.1 | 87.2 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 | 87.5 |
| ≥ 5000 | 40.3 | 83.2 | 86.7 | 88.0 | 88.6 | 88.6 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 |
| ≥ 4500 | 40.5 | 83.5 | 86.9 | 88.3 | 88.9 | 88.9 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 | 89.3 |
| ≥ 4000 | 41.2 | 85.0 | 88.5 | 89.8 | 90.4 | 90.5 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≥ 3500 | 41.3 | 85.5 | 89.1 | 90.4 | 91.0 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 |
| ≥ 3000 | 41.4 | 86.2 | 89.9 | 91.2 | 91.9 | 91.9 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2500 | 41.8 | 87.3 | 91.2 | 92.7 | 93.3 | 93.4 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 2000 | 41.9 | 88.4 | 92.4 | 94.0 | 94.7 | 94.7 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1800 | 41.9 | 88.5 | 92.7 | 94.2 | 94.9 | 94.9 | 95.4 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 | 95.5 |
| ≥ 1500 | 42.2 | 89.2 | 93.5 | 95.2 | 95.9 | 96.0 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1200 | 42.3 | 89.9 | 94.3 | 96.0 | 96.8 | 96.8 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 42.5 | 90.4 | 94.9 | 96.6 | 97.5 | 97.5 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 900 | 42.5 | 90.5 | 95.1 | 96.8 | 97.8 | 97.8 | 98.5 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 42.6 | 90.6 | 95.3 | 97.1 | 98.0 | 98.0 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 700 | 42.6 | 90.6 | 95.4 | 97.1 | 98.1 | 98.1 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 600 | 42.7 | 90.7 | 95.6 | 97.3 | 98.5 | 98.5 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 |
| ≥ 500 | 42.7 | 90.7 | 95.6 | 97.4 | 98.5 | 98.6 | 99.3 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.7 | 99.8 |
| ≥ 400 | 42.7 | 90.7 | 95.7 | 97.4 | 98.6 | 98.6 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 300 | 42.7 | 90.7 | 95.7 | 97.5 | 98.6 | 98.6 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 200 | 42.7 | 90.7 | 95.7 | 97.5 | 98.6 | 98.6 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 100 | 42.7 | 90.7 | 95.7 | 97.5 | 98.6 | 98.6 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 |
| ≥ 0 | 42.7 | 90.7 | 95.7 | 97.5 | 98.6 | 98.6 | 99.4 | 99.5 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2588

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 23.0 | 55.0 | 56.8 | 57.4 | 57.8 | 57.8 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 | 58.0 |
| ≤ 20000 | 26.9 | 66.5 | 69.3 | 70.2 | 70.7 | 70.8 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≤ 18000 | 27.2 | 67.3 | 70.0 | 71.0 | 71.6 | 71.7 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≤ 16000 | 27.4 | 68.1 | 70.9 | 71.9 | 72.5 | 72.6 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 | 73.1 |
| ≤ 14000 | 28.2 | 70.3 | 73.3 | 74.3 | 74.9 | 75.0 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≤ 12000 | 29.0 | 73.0 | 76.2 | 77.2 | 77.8 | 77.9 | 78.4 | 78.4 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≤ 10000 | 30.1 | 77.2 | 80.6 | 81.9 | 82.4 | 82.5 | 83.0 | 83.0 | 83.0 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 | 83.1 |
| ≤ 9000 | 30.2 | 78.0 | 81.4 | 82.7 | 83.3 | 83.3 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≤ 8000 | 30.4 | 79.6 | 83.5 | 84.9 | 85.6 | 85.6 | 86.2 | 86.2 | 86.2 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 | 86.3 |
| ≤ 7000 | 31.0 | 81.7 | 85.9 | 87.2 | 87.9 | 88.0 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≤ 6000 | 31.1 | 82.4 | 86.7 | 88.1 | 88.9 | 88.9 | 89.5 | 89.5 | 89.5 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≤ 5000 | 31.3 | 83.5 | 87.9 | 89.4 | 90.1 | 90.2 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 | 90.8 |
| ≤ 4500 | 31.4 | 83.7 | 88.1 | 89.6 | 90.4 | 90.4 | 91.0 | 91.0 | 91.0 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≤ 4000 | 31.5 | 84.6 | 89.1 | 90.6 | 91.4 | 91.5 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 | 92.1 |
| ≤ 3500 | 31.7 | 85.2 | 89.7 | 91.2 | 92.0 | 92.1 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 | 92.8 |
| ≤ 3000 | 32.0 | 85.8 | 90.6 | 92.1 | 93.0 | 93.1 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≤ 2500 | 32.0 | 86.3 | 91.3 | 93.0 | 93.9 | 94.0 | 94.6 | 94.6 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 |
| ≤ 2000 | 32.2 | 87.3 | 92.7 | 94.4 | 95.4 | 95.5 | 96.2 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≤ 1800 | 32.2 | 87.5 | 92.9 | 94.6 | 95.6 | 95.7 | 96.4 | 96.4 | 96.4 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≤ 1500 | 32.4 | 88.1 | 93.6 | 95.7 | 96.7 | 96.8 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≤ 1200 | 32.4 | 88.5 | 94.3 | 96.3 | 97.3 | 97.4 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≤ 1000 | 32.5 | 88.9 | 94.8 | 96.8 | 97.8 | 97.9 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≤ 900 | 32.5 | 89.0 | 94.9 | 96.9 | 98.0 | 98.1 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≤ 800 | 32.5 | 89.0 | 94.9 | 97.0 | 98.0 | 98.1 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≤ 700 | 32.5 | 89.0 | 95.0 | 97.0 | 98.1 | 98.3 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≤ 600 | 32.5 | 89.1 | 95.2 | 97.2 | 98.5 | 98.6 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≤ 500 | 32.5 | 89.1 | 95.3 | 97.4 | 98.6 | 98.7 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≤ 400 | 32.5 | 89.1 | 95.4 | 97.5 | 98.8 | 98.9 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≤ 300 | 32.5 | 89.1 | 95.4 | 97.5 | 98.9 | 99.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≤ 200 | 32.5 | 89.1 | 95.4 | 97.5 | 98.9 | 99.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≤ 100 | 32.5 | 89.1 | 95.4 | 97.5 | 98.9 | 99.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 32.5 | 89.1 | 95.4 | 97.5 | 98.9 | 99.0 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2540

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.4 | 56.4 | 62.1 | 64.8 | 66.1 | 66.4 | 66.8 | 66.8 | 66.9 | 67.1 | 67.2 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 |
| ≥ 20000 | 15.1 | 63.0 | 68.9 | 71.9 | 73.3 | 73.6 | 73.9 | 74.0 | 74.1 | 74.3 | 74.4 | 74.4 | 74.6 | 74.6 | 74.7 | 74.7 |
| ≥ 18000 | 15.3 | 63.6 | 69.6 | 72.5 | 74.0 | 74.3 | 74.7 | 74.7 | 74.8 | 75.0 | 75.2 | 75.2 | 75.3 | 75.3 | 75.4 | 75.4 |
| ≥ 16000 | 15.4 | 64.0 | 70.0 | 73.0 | 74.6 | 74.9 | 75.2 | 75.3 | 75.4 | 75.6 | 75.7 | 75.7 | 75.9 | 75.9 | 76.0 | 76.0 |
| ≥ 14000 | 15.9 | 65.6 | 71.8 | 74.9 | 76.5 | 76.8 | 77.1 | 77.2 | 77.2 | 77.5 | 77.6 | 77.6 | 77.8 | 77.8 | 77.8 | 77.9 |
| ≥ 12000 | 16.3 | 67.9 | 74.3 | 77.6 | 79.2 | 79.6 | 80.0 | 80.0 | 80.1 | 80.4 | 80.5 | 80.5 | 80.7 | 80.7 | 80.8 | 80.9 |
| ≥ 10000 | 16.8 | 71.1 | 77.8 | 81.1 | 82.9 | 83.3 | 83.6 | 83.7 | 83.7 | 84.0 | 84.1 | 84.1 | 84.3 | 84.3 | 84.4 | 84.5 |
| ≥ 9000 | 16.9 | 71.5 | 78.1 | 81.5 | 83.3 | 83.7 | 84.1 | 84.1 | 84.2 | 84.5 | 84.6 | 84.6 | 84.8 | 84.8 | 84.9 | 84.9 |
| ≥ 8000 | 17.1 | 73.2 | 80.1 | 83.6 | 85.4 | 85.8 | 86.2 | 86.2 | 86.3 | 86.6 | 86.7 | 86.7 | 86.9 | 86.9 | 87.0 | 87.0 |
| ≥ 7000 | 17.2 | 74.1 | 81.1 | 84.7 | 86.5 | 86.9 | 87.3 | 87.3 | 87.4 | 87.7 | 87.8 | 87.8 | 88.0 | 88.0 | 88.1 | 88.1 |
| ≥ 6000 | 17.2 | 74.9 | 82.0 | 85.5 | 87.4 | 87.8 | 88.3 | 88.4 | 88.4 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.1 | 89.2 |
| ≥ 5000 | 17.3 | 75.7 | 82.9 | 86.6 | 88.6 | 89.0 | 89.5 | 89.5 | 89.6 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.3 | 90.3 |
| ≥ 4500 | 17.3 | 75.8 | 83.1 | 86.9 | 88.8 | 89.3 | 89.8 | 89.8 | 89.9 | 90.2 | 90.3 | 90.3 | 90.5 | 90.5 | 90.6 | 90.6 |
| ≥ 4000 | 17.5 | 76.6 | 83.9 | 87.6 | 89.6 | 90.0 | 90.5 | 90.6 | 90.6 | 90.9 | 91.0 | 91.0 | 91.2 | 91.2 | 91.3 | 91.4 |
| ≥ 3500 | 17.6 | 76.8 | 84.1 | 87.9 | 89.9 | 90.4 | 90.8 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.6 | 91.6 | 91.6 | 91.7 |
| ≥ 3000 | 17.7 | 77.6 | 85.0 | 88.9 | 91.0 | 91.5 | 92.0 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.7 | 92.7 | 92.8 | 92.9 |
| ≥ 2500 | 17.7 | 78.0 | 85.5 | 89.5 | 91.8 | 92.3 | 92.8 | 92.8 | 92.9 | 93.2 | 93.3 | 93.3 | 93.5 | 93.5 | 93.6 | 93.6 |
| ≥ 2000 | 17.9 | 78.7 | 86.5 | 90.5 | 92.9 | 93.4 | 93.9 | 93.9 | 94.0 | 94.3 | 94.4 | 94.4 | 94.6 | 94.6 | 94.7 | 94.7 |
| ≥ 1800 | 17.9 | 79.0 | 86.8 | 90.8 | 93.3 | 93.8 | 94.3 | 94.3 | 94.4 | 94.7 | 94.8 | 94.8 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 1500 | 18.0 | 79.6 | 87.4 | 91.5 | 94.1 | 94.5 | 95.0 | 95.1 | 95.1 | 95.4 | 95.5 | 95.5 | 95.7 | 95.7 | 95.8 | 95.9 |
| ≥ 1200 | 18.0 | 79.9 | 88.0 | 92.1 | 94.7 | 95.2 | 95.7 | 95.8 | 95.9 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.6 | 96.7 |
| ≥ 1000 | 18.0 | 80.4 | 88.5 | 92.8 | 95.4 | 95.9 | 96.4 | 96.6 | 96.7 | 97.0 | 97.1 | 97.1 | 97.3 | 97.3 | 97.4 | 97.5 |
| ≥ 900 | 18.1 | 80.5 | 88.6 | 92.9 | 95.5 | 96.0 | 96.7 | 96.8 | 96.9 | 97.2 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.7 |
| ≥ 800 | 18.1 | 80.7 | 88.8 | 93.2 | 95.9 | 96.4 | 97.1 | 97.3 | 97.4 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 | 98.1 | 98.2 |
| ≥ 700 | 18.1 | 80.9 | 89.4 | 93.8 | 96.5 | 97.0 | 97.8 | 98.0 | 98.0 | 98.4 | 98.5 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 |
| ≥ 600 | 18.1 | 80.9 | 89.4 | 93.9 | 96.6 | 97.1 | 97.9 | 98.1 | 98.2 | 98.5 | 98.6 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 |
| ≥ 500 | 18.1 | 80.9 | 89.5 | 94.0 | 96.8 | 97.3 | 98.1 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 |
| ≥ 400 | 18.1 | 81.0 | 89.6 | 94.2 | 97.1 | 97.6 | 98.4 | 98.6 | 98.6 | 99.0 | 99.1 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 |
| ≥ 300 | 18.1 | 81.0 | 89.6 | 94.2 | 97.1 | 97.6 | 98.4 | 98.6 | 98.7 | 99.1 | 99.2 | 99.2 | 99.4 | 99.5 | 99.6 | 99.6 |
| ≥ 200 | 18.1 | 81.0 | 89.7 | 94.2 | 97.3 | 97.8 | 98.6 | 98.8 | 98.9 | 99.3 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 18.1 | 81.0 | 89.7 | 94.2 | 97.3 | 97.8 | 98.6 | 98.8 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 |
| ≥ 0 | 18.1 | 81.0 | 89.7 | 94.2 | 97.3 | 97.8 | 98.6 | 98.8 | 98.9 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2491

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

STIEBICH® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

0300-0500 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 7.9 | 48.7 | 55.2 | 59.8 | 62.4 | 62.9 | 64.2 | 64.7 | 64.7 | 65.9 | 66.2 | 66.3 | 66.6 | 66.8 | 67.3 | 67.4 |
| ≥ 20000 | 8.9 | 54.0 | 61.3 | 66.2 | 69.1 | 69.6 | 70.8 | 71.4 | 71.4 | 72.6 | 73.0 | 73.1 | 73.4 | 73.7 | 74.1 | 74.2 |
| ≥ 18000 | 9.0 | 54.3 | 61.7 | 66.6 | 69.4 | 69.9 | 71.2 | 71.7 | 71.7 | 73.0 | 73.3 | 73.4 | 73.8 | 74.0 | 74.5 | 74.6 |
| ≥ 16000 | 9.0 | 54.6 | 62.1 | 67.1 | 69.9 | 70.4 | 71.7 | 72.2 | 72.2 | 73.5 | 73.8 | 73.9 | 74.3 | 74.5 | 74.9 | 75.1 |
| ≥ 14000 | 9.4 | 56.1 | 63.7 | 69.0 | 71.8 | 72.3 | 73.6 | 74.1 | 74.1 | 75.4 | 75.7 | 75.8 | 76.2 | 76.4 | 76.9 | 77.0 |
| ≥ 12000 | 9.7 | 58.0 | 65.9 | 71.4 | 74.2 | 74.7 | 76.0 | 76.6 | 76.6 | 77.8 | 78.2 | 78.3 | 78.7 | 76.9 | 79.4 | 79.5 |
| ≥ 10000 | 9.9 | 60.3 | 68.6 | 74.2 | 77.1 | 77.6 | 78.9 | 79.4 | 79.4 | 80.7 | 81.0 | 81.1 | 81.5 | 81.8 | 82.3 | 82.4 |
| ≥ 9000 | 9.9 | 60.7 | 69.1 | 74.7 | 77.6 | 78.1 | 79.4 | 79.9 | 79.9 | 81.2 | 81.5 | 81.6 | 82.1 | 82.3 | 82.8 | 82.9 |
| ≥ 8000 | 10.0 | 62.2 | 70.7 | 76.4 | 79.4 | 80.0 | 81.3 | 81.8 | 81.8 | 83.1 | 83.4 | 83.5 | 83.9 | 84.2 | 84.7 | 84.8 |
| ≥ 7000 | 10.0 | 63.0 | 71.7 | 77.5 | 80.5 | 81.1 | 82.4 | 83.0 | 83.0 | 84.2 | 84.6 | 84.7 | 85.1 | 85.4 | 85.9 | 86.0 |
| ≥ 6000 | 10.1 | 63.5 | 72.4 | 78.2 | 81.3 | 82.0 | 83.3 | 83.9 | 83.9 | 85.1 | 85.5 | 85.6 | 86.1 | 86.3 | 86.8 | 86.9 |
| ≥ 5000 | 10.3 | 64.5 | 73.6 | 79.5 | 82.6 | 83.3 | 84.7 | 85.2 | 85.2 | 86.5 | 86.9 | 86.9 | 87.4 | 87.6 | 88.1 | 88.2 |
| ≥ 4500 | 10.3 | 64.6 | 73.7 | 79.6 | 82.7 | 83.4 | 84.8 | 85.3 | 85.3 | 86.6 | 87.0 | 87.1 | 87.5 | 87.7 | 88.2 | 88.3 |
| ≥ 4000 | 10.4 | 65.7 | 74.8 | 80.8 | 83.9 | 84.7 | 86.1 | 86.6 | 86.6 | 87.8 | 88.2 | 88.3 | 88.8 | 89.0 | 89.5 | 89.6 |
| ≥ 3500 | 10.5 | 66.1 | 75.3 | 81.4 | 84.6 | 85.3 | 86.7 | 87.3 | 87.3 | 88.5 | 88.9 | 89.0 | 89.4 | 89.6 | 90.1 | 90.2 |
| ≥ 3000 | 10.6 | 66.7 | 76.0 | 82.2 | 85.4 | 86.1 | 87.5 | 88.1 | 88.1 | 89.3 | 89.7 | 89.8 | 90.2 | 90.5 | 91.0 | 91.1 |
| ≥ 2500 | 10.6 | 67.0 | 76.5 | 82.8 | 86.0 | 86.7 | 88.1 | 88.7 | 88.7 | 89.9 | 90.3 | 90.4 | 90.8 | 91.1 | 91.6 | 91.7 |
| ≥ 2000 | 10.6 | 67.6 | 77.3 | 83.8 | 87.1 | 87.8 | 89.3 | 89.9 | 89.9 | 91.2 | 91.6 | 91.6 | 92.1 | 92.3 | 92.8 | 92.9 |
| ≥ 1800 | 10.6 | 67.9 | 77.6 | 84.2 | 87.6 | 88.3 | 89.8 | 90.4 | 90.4 | 91.6 | 92.0 | 92.1 | 92.5 | 92.8 | 93.2 | 93.4 |
| ≥ 1500 | 10.8 | 68.6 | 78.4 | 85.3 | 88.8 | 89.6 | 91.1 | 91.7 | 91.7 | 92.9 | 93.3 | 93.4 | 93.8 | 94.1 | 94.6 | 94.7 |
| ≥ 1200 | 10.8 | 69.0 | 78.8 | 85.9 | 89.5 | 90.2 | 91.8 | 92.5 | 92.5 | 93.8 | 94.2 | 94.2 | 94.7 | 94.9 | 95.4 | 95.5 |
| ≥ 1000 | 10.9 | 69.3 | 79.3 | 86.5 | 90.2 | 90.9 | 92.5 | 93.2 | 93.2 | 94.5 | 94.9 | 95.0 | 95.4 | 95.7 | 96.2 | 96.3 |
| ≥ 900 | 11.0 | 69.5 | 79.4 | 86.6 | 90.3 | 91.0 | 92.7 | 93.4 | 93.4 | 94.7 | 95.1 | 95.2 | 95.6 | 95.8 | 96.3 | 96.4 |
| ≥ 800 | 11.0 | 69.5 | 79.5 | 86.7 | 90.4 | 91.1 | 92.8 | 93.4 | 93.4 | 94.8 | 95.2 | 95.3 | 95.7 | 96.0 | 96.4 | 96.6 |
| ≥ 700 | 11.0 | 69.7 | 79.8 | 87.1 | 90.8 | 91.5 | 93.2 | 93.8 | 93.8 | 95.2 | 95.6 | 95.7 | 96.1 | 96.4 | 96.8 | 97.0 |
| ≥ 600 | 11.0 | 69.8 | 80.1 | 87.4 | 91.2 | 92.0 | 93.6 | 94.4 | 94.4 | 95.8 | 96.2 | 96.3 | 96.7 | 97.0 | 97.4 | 97.6 |
| ≥ 500 | 11.1 | 69.9 | 80.3 | 87.6 | 91.5 | 92.3 | 94.0 | 94.7 | 94.7 | 96.1 | 96.5 | 96.6 | 97.1 | 97.3 | 97.8 | 97.9 |
| ≥ 400 | 11.1 | 70.0 | 80.6 | 87.9 | 91.8 | 92.7 | 94.5 | 95.2 | 95.2 | 96.7 | 97.1 | 97.2 | 97.7 | 97.9 | 98.4 | 98.5 |
| ≥ 300 | 11.1 | 70.0 | 80.6 | 88.0 | 92.0 | 93.0 | 94.8 | 95.6 | 95.6 | 97.2 | 97.6 | 97.6 | 98.2 | 98.5 | 99.0 | 99.1 |
| ≥ 200 | 11.1 | 70.1 | 80.6 | 88.0 | 92.1 | 93.1 | 95.0 | 95.8 | 95.8 | 97.5 | 97.9 | 98.0 | 98.6 | 98.9 | 99.5 | 99.6 |
| ≥ 100 | 11.1 | 70.1 | 80.6 | 88.0 | 92.1 | 93.1 | 95.0 | 95.8 | 95.8 | 97.6 | 98.1 | 98.2 | 98.8 | 99.1 | 99.7 | 99.8 |
| ≥ 0 | 11.1 | 70.1 | 80.6 | 88.0 | 92.1 | 93.1 | 95.0 | 95.8 | 95.8 | 97.6 | 98.1 | 98.2 | 98.8 | 99.1 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2502

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 16.0 | 45.0 | 50.3 | 52.5 | 54.5 | 55.1 | 56.2 | 56.8 | 56.9 | 57.3 | 57.5 | 57.6 | 57.9 | 57.9 | 58.2 | 58.3 |
| ≥ 20000 | 18.4 | 52.7 | 59.1 | 61.6 | 64.0 | 64.6 | 65.8 | 66.6 | 66.7 | 67.2 | 67.5 | 67.7 | 68.0 | 68.1 | 68.4 | 68.5 |
| ≥ 18000 | 18.4 | 52.8 | 59.2 | 61.7 | 64.1 | 64.7 | 66.0 | 66.7 | 66.8 | 67.3 | 67.7 | 67.8 | 68.1 | 68.2 | 68.5 | 68.6 |
| ≥ 16000 | 18.5 | 53.4 | 59.7 | 62.3 | 64.6 | 65.3 | 66.5 | 67.3 | 67.4 | 67.9 | 68.3 | 68.4 | 68.7 | 68.8 | 69.1 | 69.2 |
| ≥ 14000 | 18.9 | 54.7 | 61.3 | 64.0 | 66.4 | 67.1 | 68.3 | 69.2 | 69.3 | 69.8 | 70.1 | 70.2 | 70.6 | 70.6 | 71.0 | 71.1 |
| ≥ 12000 | 19.6 | 57.9 | 64.6 | 67.4 | 69.9 | 70.6 | 71.9 | 72.8 | 72.8 | 73.4 | 73.8 | 73.9 | 74.2 | 74.3 | 74.6 | 74.7 |
| ≥ 10000 | 20.6 | 61.1 | 68.2 | 71.2 | 73.8 | 74.4 | 75.8 | 76.7 | 76.7 | 77.3 | 77.7 | 77.8 | 78.1 | 78.2 | 78.5 | 78.7 |
| ≥ 9000 | 20.8 | 61.5 | 68.6 | 71.6 | 74.2 | 74.8 | 76.3 | 77.1 | 77.2 | 77.8 | 78.1 | 78.2 | 78.5 | 78.6 | 79.0 | 79.1 |
| ≥ 8000 | 21.3 | 63.3 | 70.6 | 73.6 | 76.3 | 77.0 | 78.4 | 79.3 | 79.3 | 80.0 | 80.3 | 80.4 | 80.7 | 80.8 | 81.2 | 81.3 |
| ≥ 7000 | 21.4 | 63.9 | 71.5 | 74.7 | 77.5 | 78.2 | 79.7 | 80.6 | 80.6 | 81.2 | 81.6 | 81.7 | 82.0 | 82.1 | 82.5 | 82.6 |
| ≥ 6000 | 21.5 | 64.5 | 72.2 | 75.4 | 78.3 | 78.9 | 80.4 | 81.3 | 81.4 | 82.0 | 82.4 | 82.5 | 82.8 | 82.9 | 83.3 | 83.4 |
| ≥ 5000 | 21.6 | 65.4 | 73.2 | 76.4 | 79.3 | 80.0 | 81.4 | 82.4 | 82.5 | 83.1 | 83.4 | 83.5 | 83.9 | 84.0 | 84.4 | 84.5 |
| ≥ 4500 | 21.6 | 65.6 | 73.4 | 76.6 | 79.4 | 80.1 | 81.6 | 82.5 | 82.6 | 83.2 | 83.6 | 83.7 | 84.0 | 84.1 | 84.5 | 84.7 |
| ≥ 4000 | 22.0 | 66.7 | 74.6 | 77.8 | 80.7 | 81.4 | 82.9 | 83.8 | 83.9 | 84.5 | 84.9 | 85.0 | 85.3 | 85.4 | 85.9 | 86.0 |
| ≥ 3500 | 22.1 | 67.2 | 75.1 | 78.5 | 81.4 | 82.1 | 83.6 | 84.6 | 84.7 | 85.3 | 85.6 | 85.7 | 86.1 | 86.2 | 86.6 | 86.7 |
| ≥ 3000 | 22.5 | 67.9 | 75.9 | 79.5 | 82.5 | 83.2 | 84.8 | 85.7 | 85.9 | 86.5 | 86.9 | 87.0 | 87.3 | 87.4 | 87.9 | 88.0 |
| ≥ 2500 | 22.7 | 68.4 | 76.4 | 80.0 | 83.2 | 83.9 | 85.5 | 86.4 | 86.5 | 87.2 | 87.5 | 87.7 | 88.0 | 88.1 | 88.5 | 88.7 |
| ≥ 2000 | 22.8 | 69.1 | 77.3 | 81.0 | 84.1 | 84.9 | 86.5 | 87.5 | 87.6 | 88.3 | 88.6 | 88.8 | 89.1 | 89.2 | 89.6 | 89.8 |
| ≥ 1800 | 22.9 | 69.4 | 77.6 | 81.3 | 84.5 | 85.2 | 86.8 | 87.9 | 88.0 | 88.6 | 89.0 | 89.1 | 89.5 | 89.6 | 90.0 | 90.1 |
| ≥ 1500 | 23.2 | 70.1 | 78.5 | 82.3 | 85.5 | 86.2 | 87.8 | 88.9 | 89.0 | 89.7 | 90.0 | 90.2 | 90.6 | 90.6 | 91.1 | 91.2 |
| ≥ 1200 | 23.3 | 70.7 | 79.1 | 83.0 | 86.3 | 87.1 | 88.8 | 89.8 | 89.9 | 90.6 | 91.0 | 91.1 | 91.5 | 91.6 | 92.0 | 92.1 |
| ≥ 1000 | 23.7 | 71.6 | 80.2 | 84.3 | 87.7 | 88.5 | 90.2 | 91.3 | 91.4 | 92.2 | 92.5 | 92.6 | 93.0 | 93.1 | 93.6 | 93.7 |
| ≥ 900 | 23.7 | 71.8 | 80.5 | 84.7 | 88.2 | 89.0 | 90.7 | 91.8 | 91.9 | 92.6 | 93.0 | 93.1 | 93.5 | 93.6 | 94.1 | 94.2 |
| ≥ 800 | 23.7 | 72.2 | 81.0 | 85.2 | 88.9 | 89.6 | 91.4 | 92.4 | 92.5 | 93.3 | 93.7 | 93.9 | 94.3 | 94.3 | 94.8 | 94.9 |
| ≥ 700 | 23.7 | 72.5 | 81.3 | 85.5 | 89.3 | 90.1 | 91.8 | 92.9 | 93.0 | 93.8 | 94.2 | 94.3 | 94.7 | 94.8 | 95.3 | 95.4 |
| ≥ 600 | 23.8 | 72.9 | 81.8 | 86.1 | 90.2 | 91.0 | 92.9 | 94.0 | 94.1 | 94.9 | 95.3 | 95.5 | 95.9 | 95.9 | 96.4 | 96.5 |
| ≥ 500 | 23.9 | 73.1 | 82.2 | 86.6 | 90.9 | 91.7 | 93.7 | 94.7 | 94.8 | 95.7 | 96.1 | 96.2 | 96.7 | 96.7 | 97.2 | 97.3 |
| ≥ 400 | 23.9 | 73.3 | 82.4 | 86.8 | 91.2 | 92.1 | 94.1 | 95.4 | 95.5 | 96.4 | 96.9 | 97.0 | 97.4 | 97.5 | 98.0 | 98.1 |
| ≥ 300 | 23.9 | 73.3 | 82.4 | 86.9 | 91.4 | 92.3 | 94.5 | 95.9 | 96.0 | 96.9 | 97.5 | 97.6 | 98.2 | 98.3 | 98.8 | 98.9 |
| ≥ 200 | 23.9 | 73.3 | 82.4 | 86.9 | 91.5 | 92.4 | 94.6 | 96.0 | 96.1 | 97.1 | 97.6 | 97.8 | 98.4 | 98.6 | 99.1 | 99.2 |
| ≥ 100 | 23.9 | 73.3 | 82.4 | 86.9 | 91.5 | 92.4 | 94.7 | 96.1 | 96.2 | 97.2 | 97.7 | 97.9 | 98.6 | 98.8 | 99.5 | 99.8 |
| ≥ 0 | 23.9 | 73.3 | 82.4 | 86.9 | 91.5 | 92.4 | 94.7 | 96.1 | 96.2 | 97.2 | 97.8 | 98.0 | 98.7 | 98.9 | 99.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2489

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

MOORE BUSINESS FORMS, INC. STOCKTON, CALIF. ®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

0900-1100 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.8 | 53.3 | 54.7 | 55.3 | 55.5 | 55.5 | 55.5 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 | 55.6 |
| ≥ 20000 | 32.1 | 61.9 | 63.6 | 64.4 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 |
| ≥ 18000 | 32.3 | 62.2 | 63.9 | 64.7 | 64.9 | 64.9 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 | 65.0 |
| ≥ 16000 | 32.3 | 62.4 | 64.1 | 64.9 | 65.1 | 65.2 | 65.2 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 | 65.3 |
| ≥ 14000 | 33.8 | 64.4 | 66.2 | 67.1 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 12000 | 35.9 | 68.5 | 70.3 | 71.2 | 71.5 | 71.5 | 71.5 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | 37.5 | 72.8 | 74.7 | 75.8 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 9000 | 37.9 | 73.5 | 75.4 | 76.6 | 76.9 | 77.0 | 77.0 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 | 77.1 |
| ≥ 8000 | 38.2 | 75.3 | 77.4 | 78.6 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 7000 | 38.5 | 76.4 | 78.6 | 79.9 | 80.3 | 80.4 | 80.5 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 6000 | 38.8 | 77.2 | 79.6 | 80.8 | 81.3 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 5000 | 38.9 | 77.8 | 80.3 | 81.6 | 82.0 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 4500 | 39.2 | 78.2 | 80.7 | 82.0 | 82.5 | 82.6 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 4000 | 39.7 | 79.2 | 81.7 | 83.1 | 83.6 | 83.7 | 83.8 | 83.8 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 | 83.9 |
| ≥ 3500 | 39.9 | 79.9 | 82.4 | 83.8 | 84.4 | 84.5 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 | 84.6 |
| ≥ 3000 | 40.6 | 81.0 | 83.6 | 85.0 | 85.6 | 85.7 | 85.8 | 85.8 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 | 85.9 |
| ≥ 2500 | 41.5 | 82.5 | 85.1 | 86.5 | 87.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 2000 | 42.7 | 84.8 | 87.[illegible] | 88.8 | 89.5 | 89.6 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 | 89.8 |
| ≥ 1800 | 43.0 | 85.5 | 88.2 | 89.6 | 90.2 | 90.4 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1500 | 43.7 | 87.3 | 90.1 | 91.7 | 92.4 | 92.6 | 92.7 | 92.8 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 1200 | 44.3 | 88.7 | 91.6 | 93.4 | 94.3 | 94.5 | 94.6 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1000 | 44.5 | 89.8 | 92.9 | 94.8 | 95.7 | 95.9 | 96.0 | 96.2 | 96.2 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 900 | 44.5 | 89.8 | 93.0 | 95.0 | 95.9 | 96.1 | 96.4 | 96.5 | 96.6 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 800 | 44.5 | 90.2 | 93.5 | 95.6 | 96.7 | 96.9 | 97.1 | 97.2 | 97.3 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 700 | 44.6 | 90.6 | 93.9 | 96.0 | 97.2 | 97.4 | 97.6 | 97.7 | 97.8 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 600 | 44.6 | 91.1 | 94.6 | 96.7 | 98.1 | 98.3 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 44.7 | 91.1 | 94.6 | 96.8 | 98.4 | 98.6 | 99.1 | 99.2 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 |
| ≥ 400 | 44.7 | 91.2 | 94.7 | 96.9 | 98.7 | 98.9 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 44.7 | 91.2 | 94.7 | 96.9 | 98.7 | 98.9 | 99.4 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 44.7 | 91.2 | 94.7 | 96.9 | 98.7 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 44.7 | 91.2 | 94.7 | 96.9 | 98.7 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 44.7 | 91.2 | 94.7 | 96.9 | 98.7 | 98.9 | 99.4 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2501

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

STENDLER® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

1200-1400 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 30.2 | 51.8 | 53.0 | 53.5 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 20000 | 36.1 | 62.9 | 64.7 | 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 |
| ≥ 18000 | 36.4 | 63.3 | 65.2 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 | 65.8 |
| ≥ 16000 | 36.6 | 63.6 | 65.5 | 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 |
| ≥ 14000 | 37.7 | 66.3 | 68.1 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 | 68.8 |
| ≥ 12000 | 39.7 | 70.2 | 72.2 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 10000 | 41.5 | 74.2 | 76.2 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 9000 | 42.1 | 75.2 | 77.2 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 |
| ≥ 8000 | 42.8 | 77.5 | 79.7 | 80.5 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 | 80.6 |
| ≥ 7000 | 42.9 | 78.3 | 80.6 | 81.4 | 81.5 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 6000 | 43.4 | 79.0 | 81.4 | 82.2 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 5000 | 43.6 | 79.7 | 82.1 | 83.0 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 4500 | 43.7 | 80.0 | 82.4 | 83.3 | 83.4 | 83.5 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 4000 | 44.3 | 81.4 | 83.8 | 84.7 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 3500 | 44.9 | 82.4 | 84.9 | 85.8 | 86.0 | 86.1 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 | 86.2 |
| ≥ 3000 | 45.7 | 84.0 | 86.6 | 87.5 | 87.7 | 87.8 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 2500 | 47.0 | 86.4 | 89.0 | 90.0 | 90.2 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2000 | 48.2 | 89.2 | 92.0 | 93.0 | 93.3 | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 48.3 | 89.7 | 92.6 | 93.6 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 1500 | 48.8 | 91.2 | 94.2 | 95.2 | 95.5 | 95.6 | 96.0 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 48.9 | 92.0 | 95.0 | 96.3 | 96.6 | 96.6 | 97.0 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 1000 | 49.0 | 92.6 | 95.8 | 97.1 | 97.4 | 97.5 | 98.0 | 98.1 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 900 | 49.0 | 92.8 | 96.0 | 97.3 | 97.7 | 97.8 | 98.3 | 98.4 | 98.4 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 800 | 49.0 | 93.0 | 96.2 | 97.5 | 98.0 | 98.1 | 98.6 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 700 | 49.0 | 93.2 | 96.4 | 97.8 | 98.2 | 98.4 | 98.9 | 99.0 | 99.0 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 600 | 49.0 | 93.3 | 96.5 | 97.9 | 98.4 | 98.5 | 99.1 | 99.2 | 99.2 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 |
| ≥ 500 | 49.0 | 93.3 | 96.6 | 98.0 | 98.6 | 98.7 | 99.3 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 400 | 49.0 | 93.4 | 96.7 | 98.1 | 98.7 | 98.8 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 300 | 49.0 | 93.4 | 96.7 | 98.1 | 98.8 | 98.9 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 49.0 | 93.4 | 96.7 | 98.1 | 98.8 | 98.9 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 49.0 | 93.4 | 96.7 | 98.1 | 98.8 | 98.9 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| 0 | 49.0 | 93.4 | 96.7 | 98.1 | 98.8 | 98.9 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2489

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

SPEEDISCO MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) AUG (MONTH)

1500-1700 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 28.7 | 49.7 | 51.3 | 51.6 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 | 51.8 |
| ≥ 20000 | 35.4 | 62.8 | 65.1 | 65.6 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 | 65.7 |
| ≥ 18000 | 36.1 | 63.7 | 66.0 | 66.5 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 | 66.6 |
| ≥ 16000 | 36.2 | 64.3 | 66.6 | 67.0 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 | 67.2 |
| ≥ 14000 | 37.5 | 66.9 | 69.2 | 69.6 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 | 69.8 |
| ≥ 12000 | 39.4 | 71.1 | 73.5 | 73.9 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 10000 | 40.9 | 75.1 | 77.6 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 9000 | 41.4 | 76.1 | 78.7 | 79.1 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 | 79.4 |
| ≥ 8000 | 42.7 | 78.9 | 81.5 | 82.0 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 7000 | 43.3 | 80.2 | 82.8 | 83.3 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 6000 | 43.6 | 80.8 | 83.5 | 84.0 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 5000 | 43.8 | 81.7 | 84.4 | 85.0 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 | 85.4 |
| ≥ 4500 | 43.9 | 81.9 | 84.6 | 85.2 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4000 | 44.3 | 83.1 | 85.8 | 86.4 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 3500 | 44.9 | 84.1 | 86.8 | 87.4 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 | 87.8 |
| ≥ 3000 | 45.6 | 85.6 | 88.3 | 89.0 | 89.4 | 89.4 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 | 89.6 |
| ≥ 2500 | 46.8 | 87.8 | 90.7 | 91.5 | 92.0 | 92.0 | 92.2 | 92.2 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 | 92.3 |
| ≥ 2000 | 47.7 | 89.8 | 92.8 | 93.7 | 94.4 | 94.4 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1800 | 47.8 | 90.0 | 93.1 | 94.0 | 94.6 | 94.7 | 94.9 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1500 | 48.0 | 90.8 | 94.1 | 95.0 | 95.9 | 96.0 | 96.2 | 96.2 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1200 | 48.2 | 91.8 | 95.1 | 96.0 | 97.0 | 97.1 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 48.2 | 92.1 | 95.4 | 96.4 | 97.5 | 97.6 | 97.9 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 900 | 48.3 | 92.2 | 95.6 | 96.6 | 97.6 | 97.7 | 98.0 | 98.1 | 98.2 | 98.2 | 98.2 | 98.2 | 98.2 | 98.3 | 98.3 | 98.3 |
| ≥ 800 | 48.4 | 92.4 | 95.7 | 96.7 | 98.0 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.7 | 98.7 | 98.7 | 98.7 |
| ≥ 700 | 48.4 | 92.5 | 96.0 | 97.0 | 98.3 | 98.4 | 98.8 | 98.9 | 98.9 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 600 | 48.4 | 92.6 | 96.0 | 97.2 | 98.5 | 98.6 | 99.0 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 |
| ≥ 500 | 48.4 | 92.6 | 96.1 | 97.3 | 98.6 | 98.8 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 48.4 | 92.6 | 96.1 | 97.3 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 48.4 | 92.6 | 96.1 | 97.3 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 48.4 | 92.6 | 96.1 | 97.3 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 48.4 | 92.6 | 96.1 | 97.3 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 48.4 | 92.6 | 96.1 | 97.3 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2502

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅜ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.7 | 48.7 | 50.7 | 51.9 | 52.1 | 52.2 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 |
| ≥ 20000 | 31.6 | 62.7 | 65.3 | 66.6 | 66.8 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 |
| ≥ 18000 | 31.7 | 63.2 | 65.7 | 67.1 | 67.3 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 16000 | 31.8 | 63.7 | 66.2 | 67.6 | 67.9 | 68.0 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 14000 | 32.9 | 66.3 | 68.9 | 70.3 | 70.6 | 70.7 | 70.7 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.8 | 70.9 | 70.9 | 70.9 |
| ≥ 12000 | 34.2 | 69.7 | 72.5 | 74.0 | 74.3 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 |
| ≥ 10000 | 35.9 | 74.3 | 77.4 | 78.9 | 79.3 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 9000 | 36.3 | 75.2 | 78.5 | 80.1 | 80.5 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 | 80.8 |
| ≥ 8000 | 37.2 | 77.8 | 81.4 | 82.9 | 83.5 | 83.6 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 |
| ≥ 7000 | 37.6 | 79.2 | 83.0 | 84.7 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 6000 | 38.0 | 80.4 | 84.2 | 86.0 | 86.5 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 5000 | 38.1 | 81.0 | 85.0 | 86.8 | 87.3 | 87.5 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 4500 | 38.2 | 81.3 | 85.3 | 87.1 | 87.7 | 87.9 | 87.9 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 | 88.0 |
| ≥ 4000 | 38.6 | 82.5 | 86.6 | 88.5 | 89.1 | 89.3 | 89.3 | 89.4 | 89.4 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 3500 | 38.9 | 83.4 | 87.4 | 89.4 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 3000 | 39.3 | 84.5 | 88.6 | 90.6 | 91.3 | 91.4 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 2500 | 39.5 | 84.9 | 89.2 | 91.4 | 92.1 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 |
| ≥ 2000 | 39.9 | 86.3 | 90.9 | 93.1 | 93.8 | 94.1 | 94.3 | 94.3 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.5 | 94.5 | 94.5 |
| ≥ 1800 | 40.0 | 86.6 | 91.2 | 93.5 | 94.1 | 94.4 | 94.6 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 |
| ≥ 1500 | 40.3 | 87.3 | 92.0 | 94.4 | 95.2 | 95.5 | 95.8 | 95.9 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 | 96.1 |
| ≥ 1200 | 40.4 | 88.0 | 93.1 | 95.6 | 96.5 | 96.8 | 97.2 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 1000 | 40.6 | 88.5 | 93.7 | 96.3 | 97.3 | 97.6 | 98.1 | 98.2 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 900 | 40.7 | 88.6 | 93.8 | 96.5 | 97.5 | 97.8 | 98.3 | 98.5 | 98.5 | 98.7 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 |
| ≥ 800 | 40.7 | 88.7 | 93.9 | 96.6 | 97.6 | 97.9 | 98.5 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 700 | 40.7 | 88.7 | 93.9 | 96.7 | 97.8 | 98.0 | 98.7 | 98.8 | 98.9 | 99.1 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 |
| ≥ 600 | 40.7 | 88.8 | 94.0 | 96.8 | 97.9 | 98.2 | 98.9 | 99.1 | 99.1 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 40.7 | 88.8 | 94.0 | 96.8 | 98.0 | 98.3 | 99.1 | 99.2 | 99.3 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 40.7 | 88.8 | 94.0 | 96.8 | 98.1 | 98.4 | 99.2 | 99.4 | 99.4 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 40.7 | 88.8 | 94.0 | 96.8 | 98.1 | 98.4 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 40.7 | 88.8 | 94.0 | 96.8 | 98.1 | 98.4 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 40.7 | 88.8 | 94.0 | 96.8 | 98.1 | 98.4 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 40.7 | 88.8 | 94.0 | 96.8 | 98.1 | 98.4 | 99.2 | 99.4 | 99.5 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2495

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) AUG (MONTH)

2100-2300 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 20.3 | 59.3 | 63.1 | 65.2 | 65.9 | 66.0 | 66.0 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 20000 | 23.2 | 66.9 | 70.9 | 73.3 | 74.0 | 74.1 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.2 | 74.3 | 74.3 |
| ≥ 18000 | 23.3 | 67.4 | 71.4 | 73.8 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 16000 | 23.4 | 68.0 | 72.0 | 74.4 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 |
| ≥ 14000 | 24.2 | 70.1 | 74.1 | 76.5 | 77.4 | 77.5 | 77.6 | 77.6 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 12000 | 25.0 | 73.3 | 77.4 | 79.9 | 80.8 | 80.9 | 81.0 | 81.0 | 81.0 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 10000 | 25.6 | 76.1 | 80.4 | 83.0 | 83.9 | 84.1 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 |
| ≥ 9000 | 25.7 | 76.6 | 80.9 | 83.5 | 84.5 | 84.6 | 84.7 | 84.7 | 84.7 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 | 84.8 |
| ≥ 8000 | 26.0 | 78.5 | 83.0 | 85.6 | 86.6 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 7000 | 26.1 | 79.5 | 84.1 | 86.8 | 87.8 | 88.0 | 88.1 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 6000 | 26.2 | 80.3 | 85.0 | 87.7 | 88.7 | 88.8 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.0 | 89.1 | 89.1 |
| ≥ 5000 | 26.2 | 80.8 | 85.6 | 88.4 | 89.4 | 89.5 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.8 | 89.8 |
| ≥ 4500 | 26.2 | 81.0 | 85.8 | 88.7 | 89.7 | 89.8 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.0 | 90.0 | 90.0 | 90.1 | 90.1 |
| ≥ 4000 | 26.3 | 81.9 | 86.8 | 89.7 | 90.7 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.2 | 91.2 |
| ≥ 3500 | 26.4 | 82.4 | 87.3 | 90.2 | 91.3 | 91.5 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.8 | 91.8 |
| ≥ 3000 | 26.6 | 83.2 | 88.4 | 91.4 | 92.5 | 92.7 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 |
| ≥ 2500 | 26.7 | 83.7 | 88.9 | 92.0 | 93.1 | 93.3 | 93.5 | 93.5 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 |
| ≥ 2000 | 27.0 | 84.6 | 89.9 | 93.1 | 94.3 | 94.6 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 |
| ≥ 1800 | 27.1 | 84.9 | 90.2 | 93.5 | 94.7 | 94.9 | 95.2 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.4 | 95.4 |
| ≥ 1500 | 27.3 | 85.6 | 91.1 | 94.5 | 95.9 | 96.1 | 96.5 | 96.5 | 96.5 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 | 96.6 |
| ≥ 1200 | 27.3 | 86.4 | 92.0 | 95.6 | 96.9 | 97.2 | 97.6 | 97.6 | 97.6 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 |
| ≥ 1000 | 27.3 | 86.5 | 92.3 | 95.9 | 97.5 | 97.8 | 98.2 | 98.2 | 98.2 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 900 | 27.4 | 86.6 | 92.4 | 96.1 | 97.6 | 97.9 | 98.3 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 800 | 27.4 | 86.6 | 92.4 | 96.2 | 97.8 | 98.0 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 700 | 27.4 | 86.8 | 92.7 | 96.4 | 98.0 | 98.3 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 | 98.9 | 99.0 | 99.0 |
| ≥ 600 | 27.4 | 86.8 | 92.9 | 96.6 | 98.3 | 98.6 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 |
| ≥ 500 | 27.4 | 86.8 | 93.0 | 96.8 | 98.5 | 98.7 | 99.3 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 27.4 | 86.8 | 93.0 | 96.9 | 98.6 | 98.9 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 |
| ≥ 300 | 27.4 | 86.8 | 93.0 | 96.9 | 98.6 | 98.9 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 200 | 27.4 | 86.8 | 93.1 | 97.0 | 98.7 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 27.4 | 86.8 | 93.1 | 97.0 | 98.7 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 27.4 | 86.8 | 93.1 | 97.0 | 98.7 | 98.9 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2507

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

MOORE BUSINESS FORMS, INC. SPEEDIFLO®

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) SEP (MONTH)

0000-0200 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 10.5 | 54.3 | 60.5 | 62.8 | 64.6 | 64.8 | 65.4 | 65.5 | 65.5 | 66.1 | 66.2 | 66.3 | 66.7 | 66.7 | 66.8 | 66.8 |
| ≥ 20000 | 11.3 | 58.9 | 65.6 | 68.0 | 69.9 | 70.2 | 70.8 | 70.8 | 70.8 | 71.4 | 71.5 | 71.6 | 72.0 | 72.0 | 72.1 | 72.2 |
| ≥ 18000 | 11.3 | 58.9 | 65.6 | 68.0 | 69.9 | 70.2 | 70.8 | 70.9 | 70.9 | 71.5 | 71.5 | 71.6 | 72.0 | 72.0 | 72.2 | 72.2 |
| ≥ 16000 | 11.3 | 59.0 | 65.7 | 68.2 | 70.1 | 70.4 | 71.0 | 71.0 | 71.0 | 71.6 | 71.7 | 71.8 | 72.2 | 72.2 | 72.3 | 72.4 |
| ≥ 14000 | 11.6 | 60.7 | 67.5 | 70.0 | 71.9 | 72.2 | 72.8 | 72.9 | 72.9 | 73.5 | 73.6 | 73.6 | 74.1 | 74.1 | 74.2 | 74.2 |
| ≥ 12000 | 12.1 | 62.3 | 69.6 | 72.2 | 74.1 | 74.4 | 75.0 | 75.1 | 75.1 | 75.7 | 75.8 | 75.9 | 76.3 | 76.3 | 76.4 | 76.5 |
| ≥ 10000 | 12.5 | 65.1 | 72.7 | 75.5 | 77.5 | 77.8 | 78.4 | 78.5 | 78.5 | 79.1 | 79.2 | 79.3 | 79.7 | 79.7 | 79.8 | 79.9 |
| ≥ 9000 | 12.6 | 65.8 | 73.4 | 76.2 | 78.3 | 78.6 | 79.2 | 79.3 | 79.3 | 79.9 | 80.0 | 80.0 | 80.5 | 80.5 | 80.6 | 80.7 |
| ≥ 8000 | 12.8 | 67.2 | 74.8 | 77.6 | 79.7 | 80.0 | 80.6 | 80.8 | 80.8 | 81.4 | 81.5 | 81.6 | 82.0 | 82.0 | 82.2 | 82.2 |
| ≥ 7000 | 13.1 | 68.2 | 75.9 | 78.8 | 80.9 | 81.2 | 81.9 | 82.0 | 82.0 | 82.7 | 82.7 | 82.8 | 83.3 | 83.3 | 83.4 | 83.4 |
| ≥ 6000 | 13.2 | 68.6 | 76.5 | 79.4 | 81.6 | 81.9 | 82.5 | 82.7 | 82.7 | 83.4 | 83.4 | 83.5 | 84.0 | 84.0 | 84.1 | 84.1 |
| ≥ 5000 | 13.2 | 69.4 | 77.4 | 80.4 | 82.6 | 82.9 | 83.6 | 83.7 | 83.7 | 84.4 | 84.5 | 84.6 | 85.0 | 85.0 | 85.1 | 85.2 |
| ≥ 4500 | 13.3 | 69.6 | 77.7 | 80.8 | 82.9 | 83.3 | 83.9 | 84.0 | 84.1 | 84.7 | 84.8 | 84.9 | 85.3 | 85.3 | 85.5 | 85.5 |
| ≥ 4000 | 13.3 | 70.1 | 78.4 | 81.5 | 83.8 | 84.2 | 84.8 | 85.0 | 85.0 | 85.7 | 85.7 | 85.8 | 86.3 | 86.3 | 86.4 | 86.5 |
| ≥ 3500 | 13.5 | 71.0 | 79.4 | 82.6 | 84.9 | 85.3 | 85.9 | 86.0 | 86.1 | 86.7 | 86.8 | 86.9 | 87.4 | 87.4 | 87.5 | 87.5 |
| ≥ 3000 | 13.7 | 72.0 | 80.4 | 83.6 | 86.1 | 86.5 | 87.1 | 87.2 | 87.3 | 87.9 | 88.0 | 88.1 | 88.6 | 88.6 | 88.7 | 88.7 |
| ≥ 2500 | 13.8 | 73.2 | 81.8 | 85.0 | 87.5 | 87.9 | 88.5 | 88.6 | 88.7 | 89.3 | 89.4 | 89.5 | 90.0 | 90.0 | 90.1 | 90.1 |
| ≥ 2000 | 13.8 | 74.9 | 83.8 | 87.3 | 89.8 | 90.2 | 90.9 | 91.0 | 91.1 | 91.7 | 91.8 | 91.9 | 92.4 | 92.4 | 92.5 | 92.5 |
| ≥ 1800 | 13.8 | 75.4 | 84.3 | 87.9 | 90.5 | 90.8 | 91.5 | 91.7 | 91.7 | 92.4 | 92.5 | 92.6 | 93.0 | 93.0 | 93.1 | 93.2 |
| ≥ 1500 | 13.8 | 76.1 | 85.3 | 89.0 | 91.6 | 92.0 | 92.7 | 92.8 | 92.9 | 93.6 | 93.6 | 93.7 | 94.2 | 94.2 | 94.3 | 94.3 |
| ≥ 1200 | 13.8 | 77.0 | 86.3 | 90.0 | 92.7 | 93.1 | 93.8 | 93.9 | 93.9 | 94.6 | 94.8 | 94.8 | 95.3 | 95.3 | 95.4 | 95.5 |
| ≥ 1000 | 13.8 | 77.2 | 86.7 | 90.7 | 93.6 | 93.9 | 94.7 | 94.8 | 94.9 | 95.6 | 95.7 | 95.8 | 96.2 | 96.2 | 96.4 | 96.4 |
| ≥ 900 | 13.8 | 77.4 | 86.9 | 90.9 | 93.8 | 94.2 | 94.9 | 95.1 | 95.1 | 95.8 | 96.0 | 96.0 | 96.5 | 96.5 | 96.6 | 96.7 |
| ≥ 800 | 13.9 | 77.7 | 87.2 | 91.2 | 94.3 | 94.6 | 95.5 | 95.6 | 95.7 | 96.4 | 96.5 | 96.6 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 700 | 13.9 | 77.8 | 87.4 | 91.5 | 94.5 | 94.9 | 95.8 | 96.0 | 96.0 | 96.8 | 96.9 | 97.0 | 97.4 | 97.4 | 97.6 | 97.6 |
| ≥ 600 | 13.9 | 78.1 | 87.7 | 91.9 | 95.0 | 95.4 | 96.3 | 96.6 | 96.6 | 97.4 | 97.5 | 97.6 | 98.0 | 98.0 | 98.1 | 98.2 |
| ≥ 500 | 13.9 | 78.1 | 87.9 | 92.2 | 95.5 | 95.9 | 96.9 | 97.2 | 97.2 | 98.0 | 98.1 | 98.2 | 98.7 | 98.7 | 98.8 | 98.8 |
| ≥ 400 | 13.9 | 78.2 | 88.1 | 92.3 | 95.7 | 96.1 | 97.2 | 97.5 | 97.5 | 98.3 | 98.4 | 98.5 | 99.0 | 99.0 | 99.1 | 99.1 |
| ≥ 300 | 13.9 | 78.2 | 88.1 | 92.4 | 95.8 | 96.2 | 97.3 | 97.6 | 97.6 | 98.4 | 98.5 | 98.6 | 99.0 | 99.0 | 99.2 | 99.2 |
| ≥ 200 | 13.9 | 78.3 | 88.2 | 92.5 | 96.0 | 96.4 | 97.6 | 97.9 | 97.9 | 98.7 | 98.8 | 98.9 | 99.3 | 99.3 | 99.5 | 99.5 |
| ≥ 100 | 13.9 | 78.3 | 88.2 | 92.5 | 96.0 | 96.4 | 97.6 | 97.9 | 97.9 | 98.7 | 98.8 | 98.9 | 99.4 | 99.4 | 99.7 | 99.8 |
| ≥ 0 | 13.9 | 78.3 | 88.2 | 92.5 | 96.0 | 96.4 | 97.6 | 97.9 | 97.9 | 98.7 | 98.8 | 98.9 | 99.4 | 99.4 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2421

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

0300-0500 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 6.9 | 46.5 | 53.8 | 58.2 | 60.9 | 61.2 | 63.0 | 63.6 | 63.9 | 64.9 | 65.4 | 65.5 | 66.0 | 66.2 | 67.1 | 67.7 |
| ≥ 20000 | 7.5 | 49.3 | 56.8 | 61.5 | 64.3 | 64.6 | 66.4 | 67.1 | 67.4 | 68.3 | 68.9 | 69.0 | 69.5 | 69.7 | 70.7 | 71.4 |
| ≥ 18000 | 7.5 | 49.3 | 56.8 | 61.5 | 64.3 | 64.6 | 66.4 | 67.1 | 67.4 | 68.3 | 68.9 | 69.0 | 69.5 | 69.7 | 70.7 | 71.4 |
| ≥ 16000 | 7.5 | 49.3 | 56.9 | 61.6 | 64.4 | 64.7 | 66.6 | 67.2 | 67.5 | 68.5 | 69.0 | 69.1 | 69.7 | 69.8 | 70.9 | 71.5 |
| ≥ 14000 | 7.6 | 50.2 | 57.9 | 62.5 | 65.4 | 65.7 | 67.6 | 68.2 | 68.5 | 69.5 | 70.0 | 70.1 | 70.7 | 70.8 | 71.8 | 72.5 |
| ≥ 12000 | 7.8 | 51.9 | 60.0 | 64.9 | 67.8 | 68.1 | 70.0 | 70.7 | 70.9 | 71.9 | 72.5 | 72.5 | 73.1 | 73.2 | 74.3 | 74.9 |
| ≥ 10000 | 8.0 | 54.2 | 62.7 | 67.8 | 70.9 | 71.2 | 73.1 | 73.8 | 74.1 | 75.1 | 75.7 | 75.8 | 76.4 | 76.6 | 77.6 | 78.3 |
| ≥ 9000 | 8.0 | 55.1 | 63.5 | 68.6 | 71.8 | 72.1 | 74.0 | 74.6 | 74.9 | 76.0 | 76.6 | 76.7 | 77.3 | 77.5 | 78.5 | 79.1 |
| ≥ 8000 | 8.4 | 56.6 | 65.1 | 70.4 | 73.7 | 73.9 | 75.8 | 76.5 | 76.8 | 77.9 | 78.5 | 78.6 | 79.2 | 79.3 | 80.4 | 81.0 |
| ≥ 7000 | 8.7 | 57.5 | 66.2 | 71.5 | 74.8 | 75.1 | 77.0 | 77.6 | 77.9 | 79.0 | 79.6 | 79.7 | 80.3 | 80.5 | 81.5 | 82.2 |
| ≥ 6000 | 8.8 | 58.1 | 66.8 | 72.2 | 75.4 | 75.7 | 77.6 | 78.3 | 78.6 | 79.7 | 80.3 | 80.3 | 81.0 | 81.1 | 82.2 | 82.8 |
| ≥ 5000 | 8.9 | 58.7 | 67.5 | 73.0 | 76.2 | 76.5 | 78.4 | 79.1 | 79.4 | 80.5 | 81.1 | 81.2 | 81.8 | 82.0 | 83.0 | 83.7 |
| ≥ 4500 | 8.9 | 58.8 | 67.6 | 73.1 | 76.3 | 76.6 | 78.6 | 79.2 | 79.6 | 80.6 | 81.2 | 81.3 | 81.9 | 82.1 | 83.1 | 83.8 |
| ≥ 4000 | 9.0 | 59.3 | 68.3 | 73.7 | 77.1 | 77.4 | 79.3 | 80.0 | 80.3 | 81.4 | 82.0 | 82.1 | 82.7 | 82.9 | 83.9 | 84.6 |
| ≥ 3500 | 9.1 | 59.6 | 68.7 | 74.2 | 77.6 | 77.9 | 79.8 | 80.5 | 80.8 | 81.9 | 82.5 | 82.6 | 83.3 | 83.4 | 84.5 | 85.1 |
| ≥ 3000 | 9.2 | 60.8 | 70.1 | 75.8 | 79.2 | 79.5 | 81.5 | 82.2 | 82.5 | 83.6 | 84.2 | 84.3 | 85.0 | 85.1 | 86.2 | 86.8 |
| ≥ 2500 | 9.2 | 61.5 | 70.8 | 76.6 | 80.3 | 80.6 | 82.7 | 83.3 | 83.7 | 84.8 | 85.4 | 85.5 | 86.2 | 86.4 | 87.4 | 88.0 |
| ≥ 2000 | 9.2 | 62.3 | 71.8 | 77.9 | 81.7 | 81.9 | 84.1 | 84.8 | 85.1 | 86.3 | 86.9 | 87.0 | 87.6 | 87.8 | 88.8 | 89.5 |
| ≥ 1800 | 9.2 | 62.5 | 72.0 | 78.2 | 82.0 | 82.3 | 84.5 | 85.2 | 85.5 | 86.6 | 87.3 | 87.3 | 88.0 | 88.2 | 89.2 | 89.9 |
| ≥ 1500 | 9.2 | 63.1 | 72.8 | 79.1 | 82.9 | 83.2 | 85.4 | 86.1 | 86.4 | 87.6 | 88.2 | 88.3 | 88.9 | 89.1 | 90.1 | 90.8 |
| ≥ 1200 | 9.2 | 64.0 | 73.7 | 80.2 | 84.2 | 84.5 | 86.8 | 87.5 | 87.8 | 89.0 | 89.7 | 89.7 | 90.4 | 90.6 | 91.6 | 92.3 |
| ≥ 1000 | 9.2 | 64.4 | 74.3 | 80.8 | 85.0 | 85.4 | 87.7 | 88.4 | 88.7 | 89.9 | 90.6 | 90.6 | 91.3 | 91.5 | 92.5 | 93.2 |
| ≥ 900 | 9.2 | 64.6 | 74.5 | 81.0 | 85.3 | 85.7 | 88.0 | 88.7 | 89.0 | 90.2 | 90.8 | 90.9 | 91.6 | 91.8 | 92.8 | 93.4 |
| ≥ 800 | 9.2 | 64.9 | 74.9 | 81.4 | 85.8 | 86.2 | 88.5 | 89.2 | 89.6 | 90.8 | 91.4 | 91.5 | 92.2 | 92.3 | 93.4 | 94.0 |
| ≥ 700 | 9.2 | 65.3 | 75.4 | 81.9 | 86.4 | 86.7 | 89.1 | 89.8 | 90.1 | 91.3 | 92.0 | 92.1 | 92.7 | 92.9 | 93.9 | 94.6 |
| ≥ 600 | 9.2 | 65.7 | 76.0 | 82.6 | 87.1 | 87.5 | 89.9 | 90.7 | 91.0 | 92.3 | 92.9 | 93.0 | 93.7 | 93.8 | 94.8 | 95.5 |
| ≥ 500 | 9.2 | 66.0 | 76.6 | 83.3 | 88.1 | 88.4 | 91.1 | 92.0 | 92.3 | 93.6 | 94.2 | 94.3 | 95.0 | 95.1 | 96.2 | 96.8 |
| ≥ 400 | 9.2 | 66.1 | 76.8 | 83.6 | 88.4 | 88.8 | 91.7 | 92.6 | 92.9 | 94.3 | 94.9 | 95.0 | 95.7 | 95.8 | 96.9 | 97.5 |
| ≥ 300 | 9.2 | 66.2 | 77.0 | 83.7 | 88.6 | 89.0 | 92.0 | 92.9 | 93.2 | 94.7 | 95.4 | 95.5 | 96.1 | 96.3 | 97.3 | 98.0 |
| ≥ 200 | 9.2 | 66.2 | 77.0 | 83.8 | 88.8 | 89.3 | 92.4 | 93.4 | 93.7 | 95.3 | 96.0 | 96.1 | 96.8 | 96.9 | 98.1 | 98.8 |
| ≥ 100 | 9.2 | 66.2 | 77.0 | 83.8 | 88.8 | 89.3 | 92.4 | 93.4 | 93.8 | 95.4 | 96.2 | 96.2 | 97.0 | 97.2 | 98.6 | 99.7 |
| 0 | 9.2 | 66.2 | 77.0 | 83.8 | 88.8 | 89.3 | 92.4 | 93.4 | 93.8 | 95.4 | 96.2 | 96.2 | 97.0 | 97.2 | 98.6 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2426

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

SPEEDFILE® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

0600-0800 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 12.9 | 39.9 | 44.8 | 47.7 | 50.5 | 50.9 | 52.3 | 53.0 | 53.4 | 53.8 | 54.1 | 54.2 | 54.7 | 54.8 | 55.4 | 55.8 |
| ≥ 20000 | 14.8 | 45.7 | 51.0 | 54.3 | 57.3 | 57.8 | 59.2 | 60.0 | 60.5 | 61.0 | 61.3 | 61.4 | 62.0 | 62.0 | 62.9 | 63.3 |
| ≥ 18000 | 14.9 | 46.0 | 51.2 | 54.6 | 57.6 | 58.1 | 59.5 | 60.3 | 60.8 | 61.3 | 61.7 | 61.7 | 62.3 | 62.3 | 63.2 | 63.6 |
| ≥ 16000 | 14.9 | 46.2 | 51.6 | 55.0 | 58.0 | 58.5 | 59.9 | 60.7 | 61.2 | 61.7 | 62.1 | 62.1 | 62.7 | 62.7 | 63.6 | 64.0 |
| ≥ 14000 | 15.1 | 47.1 | 52.6 | 56.2 | 59.2 | 59.7 | 61.2 | 61.9 | 62.4 | 63.0 | 63.3 | 63.4 | 63.9 | 64.0 | 64.9 | 65.3 |
| ≥ 12000 | 15.5 | 49.6 | 55.4 | 59.1 | 62.3 | 62.8 | 64.3 | 65.1 | 65.5 | 66.1 | 66.4 | 66.5 | 67.1 | 67.1 | 68.0 | 68.4 |
| ≥ 10000 | 16.0 | 53.0 | 59.0 | 62.9 | 66.3 | 66.9 | 68.4 | 69.2 | 69.6 | 70.2 | 70.6 | 70.6 | 71.2 | 71.3 | 72.2 | 72.6 |
| ≥ 9000 | 16.0 | 53.6 | 59.8 | 63.7 | 67.3 | 67.8 | 69.3 | 70.1 | 70.6 | 71.1 | 71.5 | 71.6 | 72.2 | 72.2 | 73.1 | 73.5 |
| ≥ 8000 | 16.5 | 55.1 | 61.5 | 65.4 | 69.0 | 69.5 | 71.1 | 71.9 | 72.4 | 72.9 | 73.3 | 73.4 | 74.0 | 74.0 | 74.9 | 75.3 |
| ≥ 7000 | 16.7 | 56.2 | 62.7 | 66.6 | 70.2 | 70.8 | 72.4 | 73.2 | 73.7 | 74.3 | 74.6 | 74.7 | 75.3 | 75.4 | 76.3 | 76.7 |
| ≥ 6000 | 17.0 | 57.0 | 63.6 | 67.6 | 71.2 | 71.8 | 73.4 | 74.2 | 74 | 75.2 | 75.6 | 75.7 | 76.3 | 76.3 | 77.2 | 77.6 |
| ≥ 5000 | 17.3 | 58.2 | 64.9 | 69.0 | 72.7 | 73.2 | 74.9 | 75.7 | 76.2 | 76.8 | 77.1 | 77.2 | 77.8 | 77.8 | 78.8 | 79.2 |
| ≥ 4500 | 17.4 | 58.4 | 65.1 | 69.2 | 72.9 | 73.4 | 75.1 | 75.9 | 76.4 | 77.0 | 77.3 | 77.4 | 78.0 | 78.0 | 79.0 | 79.4 |
| ≥ 4000 | 17.7 | 59.3 | 66.1 | 70.2 | 74.1 | 74.6 | 76.4 | 77.2 | 77.7 | 78.3 | 78.6 | 78.7 | 79.3 | 79.4 | 80.3 | 80.7 |
| ≥ 3500 | 17.8 | 59.6 | 66.4 | 70.5 | 74.3 | 74.9 | 76.6 | 77.4 | 77.9 | 78.5 | 78.9 | 79.0 | 79.6 | 79.6 | 80.6 | 81.0 |
| ≥ 3000 | 18.1 | 60.4 | 67.3 | 71.4 | 75.3 | 75.8 | 77.6 | 78.4 | 78.9 | 79.5 | 79.9 | 80.0 | 80.6 | 80.6 | 81.5 | 82.0 |
| ≥ 2500 | 18.3 | 61.0 | 68.1 | 72.2 | 76.2 | 76.7 | 78.5 | 79.4 | 79.8 | 80.5 | 80.9 | 81.0 | 81.5 | 81.6 | 82.5 | 83.0 |
| ≥ 2000 | 18.5 | 62.1 | 69.5 | 73.7 | 77.7 | 78.3 | 80.1 | 81.0 | 81.4 | 82.1 | 82.5 | 82.5 | 83.1 | 83.2 | 84.1 | 84.6 |
| ≥ 1800 | 18.5 | 62.4 | 69.8 | 73.9 | 78.0 | 78.5 | 80.3 | 81.2 | 81.7 | 82.3 | 82.7 | 82.8 | 83.4 | 83.4 | 84.4 | 84.8 |
| ≥ 1500 | 18.5 | 63.0 | 70.5 | 74.8 | 78.9 | 79.5 | 81.3 | 82.2 | 82.7 | 83.3 | 83.7 | 83.8 | 84.4 | 84.4 | 85.4 | 85.8 |
| ≥ 1200 | 18.6 | 64.5 | 72.0 | 76.3 | 80.5 | 81.1 | 82.9 | 83.9 | 84.3 | 85.1 | 85.5 | 85.5 | 86.1 | 86.2 | 87.1 | 87.6 |
| ≥ 1000 | 18.7 | 65.3 | 73.1 | 77.4 | 81.9 | 82.5 | 84.4 | 85.3 | 85.8 | 86.5 | 86.9 | 87.0 | 87.6 | 87.7 | 88.6 | 89.1 |
| ≥ 900 | 18.8 | 65.7 | 73.6 | 78.0 | 82.5 | 83.1 | 85.0 | 85.9 | 86.4 | 87.2 | 87.6 | 87.7 | 88.3 | 88.3 | 89.3 | 89.7 |
| ≥ 800 | 18.8 | 66.1 | 74.2 | 78.6 | 83.1 | 83.7 | 85.7 | 86.7 | 87.1 | 87.9 | 88.4 | 88.5 | 89.1 | 89.2 | 90.1 | 90.6 |
| ≥ 700 | 19.0 | 66.7 | 74.9 | 79.3 | 84.0 | 84.6 | 86.7 | 87.7 | 88.2 | 89.0 | 89.5 | 89.5 | 90.2 | 90.3 | 91.2 | 91.7 |
| ≥ 600 | 19.2 | 67.5 | 75.7 | 80.2 | 85.0 | 85.7 | 87.8 | 88.9 | 89.3 | 90.1 | 90.6 | 90.7 | 91.3 | 91.4 | 92.3 | 92.8 |
| ≥ 500 | 19.3 | 68.3 | 76.8 | 81.7 | 86.6 | 87 3 | 69.7 | 90.9 | 91.4 | 92.2 | 92.7 | 92.8 | 93.5 | 93.5 | 94.4 | 94.9 |
| ≥ 400 | 19.3 | 68.6 | 77.3 | 82.3 | 87.4 | 88.2 | 90.8 | 92.1 | 92.6 | 93.5 | 94.0 | 94.1 | 94.8 | 94.8 | 95.8 | 96.2 |
| ≥ 300 | 19.3 | 68.7 | 77.5 | 82.7 | 87.9 | 88.7 | 91.5 | 93.0 | 93.6 | 94.6 | 95.4 | 95.5 | 96.4 | 96.5 | 97.4 | 98.0 |
| ≥ 200 | 19.3 | 68.7 | 77.6 | 82.7 | 88.1 | 88.8 | 91.7 | 93.2 | 93.8 | 95.0 | 95.7 | 95.8 | 96.8 | 96.9 | 98.1 | 98.6 |
| ≥ 100 | 19.3 | 68.7 | 77.6 | 82.7 | 88.1 | 88.9 | 91.7 | 93.3 | 93.9 | 95.1 | 95.9 | 96.0 | 97.3 | 97.4 | 98.7 | 99.4 |
| ≥ 0 | 19.3 | 68.7 | 77.6 | 82.7 | 88.1 | 88.9 | 91.7 | 93.3 | 93.9 | 95.1 | 95.9 | 96.0 | 97.3 | 97.4 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2504

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

0900-1100 (HOURS LST)

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 25.6 | 51.0 | 52.7 | 53.5 | 53.8 | 53.8 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 | 53.9 |
| ≥ 20000 | 29.8 | 58.7 | 60.6 | 61.6 | 61.9 | 61.9 | 62.0 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 | 62.1 |
| ≥ 18000 | 29.9 | 58.9 | 60.7 | 61.8 | 62.1 | 62.1 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 | 62.2 |
| ≥ 16000 | 30.0 | 59.2 | 61.2 | 62.2 | 62.5 | 62.5 | 62.6 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 | 62.7 |
| ≥ 14000 | 30.9 | 60.9 | 62.9 | 63.9 | 64.2 | 64.2 | 64.3 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 | 64.4 |
| ≥ 12000 | 32.4 | 64.5 | 66.5 | 67.6 | 67.9 | 67.9 | 68.0 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 10000 | 33.5 | 67.4 | 69.7 | 70.8 | 71.1 | 71.1 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 9000 | 33.8 | 68.3 | 70.7 | 71.8 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 8000 | 34.3 | 70.2 | 72.7 | 73.8 | 74.2 | 74.2 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 7000 | 34.5 | 71.0 | 73.5 | 74.7 | 75.1 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 | 75.3 |
| ≥ 6000 | 34.9 | 71.9 | 74.4 | 75.6 | 76.0 | 76.0 | 76.1 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 | 76.2 |
| ≥ 5000 | 35.5 | 73.2 | 75.9 | 77.1 | 77.6 | 77.6 | 77.7 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4500 | 35.5 | 73.2 | 75.9 | 77.2 | 77.6 | 77.6 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 | 77.8 |
| ≥ 4000 | 35.7 | 73.9 | 76.6 | 77.9 | 78.3 | 78.4 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 3500 | 36.0 | 74.6 | 77.4 | 78.6 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 3000 | 36.8 | 76.1 | 78.9 | 80.2 | 80.7 | 80.7 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 2500 | 37.5 | 77.7 | 80.8 | 82.0 | 82.5 | 82.6 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 | 82.8 |
| ≥ 2000 | 38.6 | 80.0 | 83.4 | 84.7 | 85.4 | 85.5 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 | 85.7 |
| ≥ 1800 | 38.8 | 80.9 | 84.3 | 85.6 | 86.3 | 86.3 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 1500 | 39.4 | 82.8 | 86.3 | 87.7 | 88.5 | 88.5 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 1200 | 40.5 | 85.4 | 89.0 | 90.6 | 91.4 | 91.5 | 91.8 | 91.8 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 1000 | 40.7 | 86.8 | 90.7 | 92.5 | 93.4 | 93.5 | 93.8 | 93.9 | 93.9 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 900 | 40.9 | 87.3 | 91.3 | 93.1 | 94.1 | 94.2 | 94.6 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 800 | 41.0 | 88.0 | 92.0 | 93.8 | 94.9 | 95.1 | 95.4 | 95.6 | 95.6 | 95.8 | 95.8 | 95.9 | 95.8 | 95.8 | 95.8 | 95.8 |
| ≥ 700 | 41.3 | 88.8 | 93.0 | 94.9 | 96.1 | 96.3 | 96.7 | 96.8 | 96.8 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 600 | 41.3 | 89.3 | 93.5 | 95.4 | 96.7 | 96.9 | 97.3 | 97.4 | 97.4 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 | 97.7 |
| ≥ 500 | 41.4 | 89.6 | 93.9 | 96.0 | 97.5 | 97.6 | 98.2 | 98.7 | 98.7 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 |
| ≥ 400 | 41.5 | 89.7 | 94.0 | 96.2 | 97.8 | 98.0 | 98.6 | 99.1 | 99.1 | 99.4 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 41.5 | 89.7 | 94.0 | 96.2 | 97.8 | 98.1 | 98.7 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 99.9 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 41.5 | 89.7 | 94.0 | 96.2 | 97.8 | 98.1 | 98.7 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 41.5 | 89.7 | 94.0 | 96.2 | 97.8 | 98.1 | 98.7 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 41.5 | 89.7 | 94.0 | 96.2 | 97.8 | 98.1 | 98.7 | 99.2 | 99.3 | 99.6 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2504

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

1200-1400 (HOURS (L S T))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.2 | 51.0 | 52.1 | 52.7 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 | 53.0 |
| ≥ 20000 | 33.2 | 61.9 | 63.1 | 63.8 | 64.2 | 64.2 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 18000 | 33.3 | 62.2 | 63.5 | 64.1 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 |
| ≥ 16000 | 33.5 | 62.7 | 64.1 | 64.7 | 65.1 | 65.1 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 | 65.2 |
| ≥ 14000 | 34.7 | 64.6 | 66.0 | 66.7 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 12000 | 36.1 | 67.9 | 69.5 | 70.1 | 70.5 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 10000 | 37.5 | 71.6 | 73.1 | 73.8 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 | 74.3 |
| ≥ 9000 | 37.9 | 72.5 | 74.0 | 74.7 | 75.1 | 75.1 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 | 75.2 |
| ≥ 8000 | 38.5 | 74.2 | 75.8 | 76.6 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 7000 | 38.9 | 75.2 | 77.0 | 77.8 | 78.2 | 78.2 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 |
| ≥ 6000 | 39.4 | 75.8 | 77.6 | 78.4 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 | 79.0 |
| ≥ 5000 | 39.9 | 76.6 | 78.4 | 79.2 | 79.7 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 |
| ≥ 4500 | 40.3 | 76.9 | 78.9 | 79.7 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 | 80.2 |
| ≥ 4000 | 40.8 | 78.2 | 80.2 | 81.0 | 81.5 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 | 81.6 |
| ≥ 3500 | 41.1 | 78.9 | 80.9 | 81.8 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 3000 | 42.3 | 81.3 | 83.3 | 84.3 | 84.8 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 | 84.9 |
| ≥ 2500 | 43.5 | 83.3 | 85.3 | 86.4 | 86.9 | 87.0 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 | 87.1 |
| ≥ 2000 | 44.7 | 86.2 | 88.3 | 89.5 | 90.0 | 90.2 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 1800 | 44.9 | 86.7 | 88.9 | 90.1 | 90.6 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 |
| ≥ 1500 | 46.2 | 89.1 | 91.6 | 92.8 | 93.4 | 93.5 | 93.7 | 93.7 | 93.7 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 | 93.8 |
| ≥ 1200 | 46.7 | 90.7 | 93.5 | 94.8 | 95.4 | 95.6 | 95.8 | 95.9 | 95.9 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 | 96.0 |
| ≥ 1000 | 46.9 | 91.4 | 94.4 | 95.8 | 96.6 | 96.8 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 | 97.3 |
| ≥ 900 | 46.9 | 91.5 | 94.5 | 96.0 | 96.8 | 97.0 | 97.4 | 97.4 | 97.4 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 47.0 | 91.7 | 94.8 | 96.3 | 97.2 | 97.4 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 47.0 | 91.8 | 94.9 | 96.5 | 97.6 | 97.9 | 98.2 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 600 | 47.0 | 91.9 | 95.0 | 96.8 | 98.0 | 98.3 | 98.7 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 |
| ≥ 500 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 98.9 | 99.4 | 99.5 | 99.5 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 400 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 300 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 47.0 | 92.0 | 95.3 | 97.3 | 98.6 | 99.0 | 99.4 | 99.6 | 99.6 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2499

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

SPEEDLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

1500-1700 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.6 | 51.8 | 52.6 | 53.1 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 | 53.5 |
| ≥ 20000 | 34.6 | 64.7 | 65.9 | 66.5 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 |
| ≥ 18000 | 34.8 | 65.2 | 66.5 | 67.1 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 | 67.6 |
| ≥ 16000 | 35.0 | 65.7 | 67.0 | 67.6 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 | 68.1 |
| ≥ 14000 | 36.1 | 67.5 | 68.9 | 69.5 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 | 70.0 |
| ≥ 12000 | 37.8 | 70.7 | 72.1 | 72.7 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 10000 | 39.4 | 74.6 | 76.2 | 76.9 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.4 | 77.5 | 77.5 | 77.5 | 77.5 |
| ≥ 9000 | 39.9 | 75.4 | 77.0 | 77.6 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 8000 | 40.5 | 76.8 | 78.6 | 79.3 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 80.0 | 80.0 | 80.0 | 80.0 |
| ≥ 7000 | 41.0 | 78.1 | 79.9 | 80.7 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 6000 | 41.2 | 78.8 | 80.7 | 81.5 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.3 |
| ≥ 5000 | 41.9 | 80.2 | 82.1 | 82.9 | 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 | 42.1 | 80.4 | 82.4 | 83.2 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.1 | 84.1 | 84.1 | 84.1 |
| ≥ 4000 | 42.5 | 81.3 | 83.5 | 84.4 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 | 85.2 |
| ≥ 3500 | 43.3 | 82.6 | 84.8 | 85.9 | 86.7 | 86.7 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 | 86.8 |
| ≥ 3000 | 43.6 | 84.4 | 86.6 | 87.8 | 88.6 | 88.6 | 88.6 | 88.7 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 2500 | 44.0 | 85.6 | 87.8 | 89.1 | 89.9 | 89.9 | 89.9 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2000 | 44.7 | 87.5 | 89.9 | 91.3 | 92.2 | 92.2 | 92.2 | 92.4 | 92.5 | 92.5 | 92.6 | 92.6 | 92.7 | 92.7 | 92.7 | 92.7 |
| ≥ 1600 | 44.8 | 87.8 | 90.3 | 91.7 | 92.6 | 92.6 | 92.6 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 45.3 | 89.4 | 92.0 | 93.4 | 94.4 | 94.5 | 94.5 | 94.7 | 94.8 | 94.9 | 94.9 | 94.9 | 95.0 | 95.0 | 95.0 | 95.0 |
| ≥ 1200 | 45.7 | 90.4 | 93.0 | 94.5 | 95.5 | 95.6 | 95.7 | 95.8 | 95.9 | 96.0 | 96.0 | 96.0 | 96.1 | 96.1 | 96.1 | 96.1 |
| > 1000 | 45.8 | 90.9 | 93.6 | 95.1 | 96.4 | 96.5 | 96.5 | 96.8 | 96.9 | 96.9 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 | 97.0 |
| ≥ 900 | 45.9 | 91.3 | 94.0 | 95.5 | 96.9 | 96.9 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 800 | 45.9 | 91.7 | 94.5 | 96.1 | 97.6 | 97.6 | 97.8 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 700 | 45.9 | 91.8 | 94.8 | 96.5 | 97.9 | 98.0 | 98.2 | 98.5 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 45.9 | 91.9 | 95.0 | 96.8 | 98.4 | 98.5 | 98.7 | 99.1 | 99.2 | 99.4 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 500 | 45.9 | 91.9 | 95.1 | 96.9 | 98.7 | 98.8 | 99.0 | 99.3 | 99.4 | 99.6 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 45.9 | 91.9 | 95.1 | 97.0 | 98.8 | 98.9 | 99.2 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 45.9 | 91.9 | 95.1 | 97.0 | 98.8 | 98.9 | 99.2 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 45.9 | 91.9 | 95.1 | 97.0 | 98.8 | 98.9 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 45.9 | 91.9 | 95.1 | 97.0 | 98.8 | 98.9 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 45.9 | 91.9 | 95.1 | 97.0 | 98.8 | 98.9 | 99.2 | 99.6 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2508

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

STOCKDRIVE BOOK BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

1800-2000 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 23.9 | 54.3 | 56.4 | 57.4 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 | 58.2 |
| ≥ 20000 | 28.1 | 64.4 | 67.1 | 68.1 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 | 69.1 |
| ≥ 8000 | 28.7 | 65.3 | 68.0 | 69.0 | 70.0 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 | 70.1 |
| ≥ 6000 | 28.7 | 65.8 | 68.5 | 69.5 | 70.4 | 70.5 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 | 70.6 |
| ≥ 14000 | 29.2 | 67.0 | 69.8 | 70.8 | 71.8 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 | 71.9 |
| ≥ 12000 | 30.4 | 69.5 | 72.2 | 73.4 | 74.3 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 | 74.4 |
| ≥ 10000 | 31.2 | 72.7 | 75.9 | 77.1 | 78.1 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 | 78.2 |
| ≥ 9000 | 31.7 | 73.6 | 76.8 | 78.0 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 8000 | 32.2 | 75.5 | 79.2 | 80.5 | 81.5 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 7000 | 32.4 | 76.3 | 80.1 | 81.5 | 82.5 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 |
| ≥ 6000 | 32.7 | 77.4 | 81.4 | 82.8 | 83.8 | 83.9 | 83.9 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 | 84.0 |
| ≥ 5000 | 33.0 | 78.5 | 82.7 | 84.0 | 85.1 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 4500 | 33.2 | 79.8 | 83.0 | 84.4 | 85.4 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 4000 | 33.7 | 80.3 | 84.7 | 86.1 | 87.2 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 | 87.4 |
| ≥ 3500 | 34.1 | 81.2 | 85.8 | 87.3 | 88.4 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 |
| ≥ 3000 | 34.4 | 82.7 | 87.3 | 88.9 | 90.2 | 90.3 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 | 90.4 |
| ≥ 2500 | 34.7 | 83.7 | 88.4 | 90.2 | 91.5 | 91.6 | 91.8 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 | 91.9 |
| ≥ 2000 | 34.9 | 84.9 | 90.0 | 91.8 | 93.1 | 93.3 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.7 | 93.7 | 93.7 | 93.7 |
| ≥ 1800 | 35.1 | 85.3 | 90.4 | 92.3 | 93.6 | 93.7 | 94.0 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 | 94.1 |
| ≥ 1500 | 35.2 | 86.3 | 91.4 | 93.3 | 94.7 | 94.8 | 95.1 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 | 95.3 |
| ≥ 1200 | 35.4 | 87.2 | 92.6 | 94.6 | 96.1 | 96.2 | 96.6 | 96.7 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 1000 | 35.5 | 87.6 | 93.1 | 95.1 | 96.8 | 96.9 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 35.7 | 87.9 | 93.4 | 95.4 | 97.1 | 97.2 | 97.6 | 97.8 | 97.8 | 97.8 | 97.8 | 97.8 | 97.9 | 97.9 | 97.9 | 97.9 |
| ≥ 800 | 35.7 | 88.3 | 93.9 | 95.9 | 97.6 | 97.8 | 98.2 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 35.7 | 88.4 | 94.0 | 96.0 | 97.9 | 98.0 | 98.5 | 98.6 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 600 | 35.7 | 88.5 | 94.2 | 96.3 | 98.1 | 98.2 | 98.8 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.2 |
| ≥ 500 | 35.7 | 88.5 | 94.2 | 96.5 | 98.4 | 98.5 | 99.1 | 99.3 | 99.4 | 99.5 | 99.6 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 |
| ≥ 400 | 35.7 | 88.5 | 94.2 | 96.6 | 98.5 | 98.6 | 99.3 | 99.5 | 99.6 | 99.7 | 99.8 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 300 | 35.7 | 88.5 | 94.2 | 96.6 | 98.5 | 98.6 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 200 | 35.7 | 88.5 | 94.2 | 96.6 | 98.5 | 98.6 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 35.7 | 88.5 | 94.2 | 96.6 | 98.5 | 98.6 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |
| 0 | 35.7 | 88.5 | 94.2 | 96.6 | 98.5 | 98.6 | 99.3 | 99.5 | 99.6 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2493

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

SPEEDYPAC® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

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

2100-2300 (HOURS/LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 19.0 | 58.7 | 63.0 | 64.4 | 65.6 | 65.6 | 65.8 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 | 65.9 |
| ≥ 20000 | 20.4 | 65.1 | 69.6 | 71.0 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 |
| ≥ 18000 | 20.5 | 65.3 | 69.9 | 71.3 | 72.6 | 72.6 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 16000 | 20.6 | 65.5 | 70.1 | 71.6 | 72.8 | 72.8 | 73.1 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 | 73.2 |
| ≥ 14000 | 21.1 | 67.9 | 72.5 | 74.0 | 75.2 | 75.2 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 12000 | 21.2 | 69.4 | 74.2 | 75.7 | 77.0 | 77.0 | 77.2 | 77.3 | 77.3 | 77.3 | 77.3 | 77.3 | 77.4 | 77.4 | 77.4 | 77.4 |
| ≥ 10000 | 21.8 | 72.3 | 77.5 | 79.0 | 80.4 | 80.4 | 80.6 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 | 80.7 |
| ≥ 9000 | 21.8 | 73.0 | 78.3 | 79.8 | 81.1 | 81.1 | 81.4 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 | 81.5 |
| ≥ 8000 | 21.9 | 74.3 | 80.0 | 81.5 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 |
| ≥ 7000 | 22.0 | 75.7 | 81.5 | 83.0 | 84.4 | 84.4 | 84.6 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 | 84.7 |
| ≥ 6000 | 22.2 | 76.5 | 82.4 | 83.9 | 85.2 | 85.2 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 5000 | 22.3 | 77.4 | 83.3 | 84.9 | 86.2 | 86.2 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 4500 | 22.4 | 77.5 | 83.7 | 85.2 | 86.6 | 86.6 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 87.0 | 87.0 | 87.0 | 87.0 |
| ≥ 4000 | 22.6 | 78.3 | 84.7 | 86.2 | 87.6 | 87.6 | 88.0 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 3500 | 22.8 | 78.9 | 85.3 | 87.0 | 88.4 | 88.4 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 88.9 | 88.9 |
| ≥ 3000 | 22.9 | 80.0 | 86.6 | 88.3 | 89.7 | 89.7 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 | 90.2 |
| ≥ 2500 | 23.3 | 81.1 | 87.9 | 89.6 | 91.1 | 91.1 | 91.4 | 91.5 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 | 91.6 |
| ≥ 2000 | 23.3 | 82.6 | 89.4 | 91.1 | 92.7 | 92.7 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 |
| ≥ 1800 | 23.3 | 82.8 | 89.7 | 91.5 | 93.1 | 93.1 | 93.4 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 | 93.5 |
| ≥ 1500 | 23.7 | 83.9 | 90.9 | 92.8 | 94.5 | 94.5 | 95.0 | 95.0 | 95.0 | 95.0 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 | 95.1 |
| ≥ 1200 | 23.7 | 84.7 | 91.8 | 93.8 | 95.6 | 95.6 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 | 96.3 |
| ≥ 1000 | 23.8 | 85.2 | 92.7 | 94.7 | 96.5 | 96.5 | 97.2 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.5 | 97.5 | 97.5 | 97.5 |
| ≥ 900 | 23.8 | 85.5 | 93.1 | 95.2 | 97.1 | 97.1 | 97.8 | 98.0 | 98.0 | 98.0 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 | 98.1 |
| ≥ 800 | 23.8 | 85.8 | 93.5 | 95.6 | 97.5 | 97.5 | 98.2 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 700 | 23.9 | 85.9 | 93.6 | 95.9 | 97.8 | 97.9 | 98.6 | 98.7 | 98.7 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 600 | 24.0 | 86.1 | 93.8 | 96.1 | 98.1 | 98.1 | 98.9 | 99.1 | 99.1 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.3 | 99.3 |
| ≥ 500 | 24.0 | 86.2 | 94.0 | 96.4 | 98.3 | 98.4 | 99.2 | 99.4 | 99.4 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 400 | 24.0 | 86.3 | 94.1 | 96.5 | 98.5 | 98.6 | 99.4 | 99.6 | 99.6 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 24.0 | 86.3 | 94.1 | 96.5 | 98.6 | 98.6 | 99.4 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 24.0 | 86.3 | 94.1 | 96.5 | 98.6 | 98.6 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 24.0 | 86.3 | 94.1 | 96.5 | 98.6 | 98.6 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 24.0 | 86.3 | 94.1 | 96.5 | 98.6 | 98.6 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2477

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

WOODS BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.0 | 53.2 | 59.9 | 63.7 | 65.7 | 65.9 | 67.4 | 68.0 | 68.2 | 69.2 | 69.6 | 69.6 | 70.0 | 70.0 | 70.3 | 70.6 |
| ≥ 20000 | 13.4 | 55.3 | 62.2 | 66.5 | 68.6 | 68.8 | 70.3 | 71.0 | 71.1 | 72.1 | 72.5 | 72.5 | 73.0 | 73.0 | 73.2 | 73.6 |
| ≥ 18000 | 13.4 | 55.4 | 62.4 | 66.6 | 68.8 | 68.9 | 70.5 | 71.1 | 71.3 | 72.3 | 72.7 | 72.7 | 73.1 | 73.1 | 73.4 | 73.7 |
| ≥ 16000 | 13.5 | 55.7 | 62.6 | 66.9 | 69.0 | 69.2 | 70.7 | 71.4 | 71.5 | 72.5 | 72.9 | 72.9 | 73.4 | 73.4 | 73.6 | 74.0 |
| ≥ 14000 | 13.9 | 56.8 | 63.9 | 68.2 | 70.3 | 70.5 | 72.1 | 72.7 | 72.9 | 73.9 | 74.3 | 74.3 | 74.7 | 74.7 | 75.0 | 75.3 |
| ≥ 12000 | 14.1 | 57.8 | 64.9 | 69.3 | 71.6 | 71.8 | 73.4 | 74.0 | 74.2 | 75.2 | 75.6 | 75.6 | 76.0 | 76.0 | 76.3 | 76.6 |
| ≥ 10000 | 14.4 | 59.9 | 67.2 | 71.7 | 74.1 | 74.3 | 75.9 | 76.6 | 76.7 | 77.7 | 78.1 | 78.1 | 78.6 | 78.6 | 78.8 | 79.2 |
| ≥ 9000 | 14.5 | 60.4 | 67.7 | 72.2 | 74.7 | 74.9 | 76.5 | 77.1 | 77.3 | 78.3 | 78.7 | 78.7 | 79.2 | 79.2 | 79.4 | 79.8 |
| ≥ 8000 | 14.9 | 61.8 | 69.2 | 73.7 | 76.3 | 76.5 | 78.1 | 78.7 | 78.9 | 79.9 | 80.3 | 80.3 | 80.8 | 80.8 | 81.0 | 81.4 |
| ≥ 7000 | 15.1 | 63.0 | 70.5 | 75.0 | 77.6 | 77.7 | 79.4 | 80.0 | 80.2 | 81.2 | 81.6 | 81.6 | 82.0 | 82.0 | 82.3 | 82.6 |
| ≥ 6000 | 15.2 | 63.8 | 71.4 | 76.0 | 78.5 | 78.7 | 80.3 | 81.0 | 81.1 | 82.2 | 82.6 | 82.6 | 83.0 | 83.0 | 83.2 | 83.6 |
| ≥ 5000 | 15.3 | 65.5 | 73.2 | 77.8 | 80.4 | 80.6 | 82.2 | 82.9 | 83.0 | 84.1 | 84.5 | 84.5 | 84.9 | 84.9 | 85.1 | 85.5 |
| ≥ 4500 | 15.4 | 65.9 | 73.6 | 78.3 | 80.9 | 81.1 | 82.7 | 83.3 | 83.5 | 84.5 | 84.9 | 84.9 | 85.4 | 85.4 | 85.6 | 86.0 |
| ≥ 4000 | 15.5 | 67.0 | 74.8 | 79.6 | 82.2 | 82.5 | 84.1 | 84.8 | 84.9 | 86.0 | 86.4 | 86.4 | 86.8 | 86.8 | 87.0 | 87.4 |
| ≥ 3500 | 15.5 | 67.6 | 75.5 | 80.3 | 83.0 | 83.3 | 84.9 | 85.6 | 85.7 | 86.8 | 87.2 | 87.2 | 87.6 | 87.6 | 87.8 | 88.2 |
| ≥ 3000 | 15.6 | 68.2 | 76.2 | 80.9 | 83.7 | 83.9 | 85.6 | 86.2 | 86.4 | 87.4 | 87.8 | 87.8 | 88.3 | 88.3 | 88.5 | 88.9 |
| ≥ 2500 | 15.7 | 68.6 | 76.6 | 81.3 | 84.1 | 84.3 | 86.0 | 86.6 | 86.8 | 87.8 | 88.2 | 88.2 | 88.7 | 88.7 | 88.9 | 89.3 |
| ≥ 2000 | 16.0 | 69.5 | 78.0 | 82.9 | 85.8 | 86.1 | 87.8 | 88.4 | 88.6 | 89.6 | 90.0 | 90.0 | 90.5 | 90.5 | 90.7 | 91.1 |
| ≥ 1800 | 16.0 | 69.7 | 78.2 | 83.2 | 86.0 | 86.3 | 88.0 | 88.6 | 88.8 | 89.9 | 90.3 | 90.3 | 90.7 | 90.7 | 90.9 | 91.3 |
| ≥ 1500 | 16.0 | 70.7 | 79.4 | 84.4 | 87.3 | 87.6 | 89.3 | 89.9 | 90.1 | 91.1 | 91.5 | 91.5 | 92.0 | 92.0 | 92.2 | 92.6 |
| ≥ 1200 | 16.1 | 71.5 | 80.4 | 85.5 | 88.5 | 88.8 | 90.5 | 91.1 | 91.3 | 92.4 | 92.8 | 92.8 | 93.2 | 93.2 | 93.4 | 93.8 |
| ≥ 1000 | 16.2 | 72.1 | 81.1 | 86.6 | 89.6 | 90.1 | 91.8 | 92.4 | 92.6 | 93.6 | 94.0 | 94.0 | 94.5 | 94.5 | 94.7 | 95.1 |
| ≥ 900 | 16.2 | 72.3 | 81.3 | 86.8 | 89.9 | 90.4 | 92.1 | 92.8 | 92.9 | 94.0 | 94.4 | 94.4 | 94.8 | 94.8 | 95.1 | 95.4 |
| ≥ 800 | 16.3 | 72.5 | 81.6 | 87.2 | 90.3 | 90.7 | 92.5 | 93.2 | 93.3 | 94.4 | 94.8 | 94.8 | 95.2 | 95.2 | 95.5 | 95.8 |
| ≥ 700 | 16.3 | 72.8 | 82.0 | 87.7 | 90.9 | 91.3 | 93.0 | 93.8 | 94.0 | 95.1 | 95.5 | 95.5 | 95.9 | 95.9 | 96.1 | 96.5 |
| ≥ 600 | 16.3 | 73.2 | 82.4 | 88.2 | 91.5 | 91.9 | 93.6 | 94.4 | 94.6 | 95.7 | 96.1 | 96.1 | 96.5 | 96.5 | 96.7 | 97.1 |
| ≥ 500 | 16.3 | 73.4 | 82.6 | 88.4 | 92.0 | 92.4 | 94.3 | 95.1 | 95.3 | 96.3 | 96.7 | 96.7 | 97.2 | 97.2 | 97.4 | 97.8 |
| ≥ 400 | 16.3 | 73.6 | 82.8 | 88.6 | 92.4 | 92.8 | 94.8 | 95.5 | 95.7 | 96.8 | 97.2 | 97.2 | 97.6 | 97.6 | 97.9 | 98.2 |
| ≥ 300 | 16.3 | 73.6 | 82.8 | 88.8 | 92.6 | 93.0 | 95.0 | 95.8 | 96.0 | 97.1 | 97.5 | 97.5 | 97.9 | 98.0 | 98.2 | 98.6 |
| ≥ 200 | 16.3 | 73.6 | 82.9 | 88.9 | 92.7 | 93.1 | 95.3 | 96.3 | 96.5 | 97.6 | 98.0 | 98.0 | 98.4 | 98.5 | 98.7 | 99.1 |
| ≥ 100 | 16.3 | 73.6 | 82.9 | 88.9 | 92.7 | 93.2 | 95.3 | 96.4 | 96.6 | 97.7 | 98.1 | 98.1 | 98.6 | 98.7 | 99.2 | 99.6 |
| ≥ 0 | 16.3 | 73.6 | 82.9 | 88.9 | 92.7 | 93.2 | 95.3 | 96.4 | 96.6 | 97.7 | 98.2 | 98.2 | 98.6 | 98.8 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2516

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

031 0-0500 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 9.4 | 45.9 | 53.7 | 58.3 | 61.6 | 62.0 | 64.1 | 64.6 | 64.8 | 65.8 | 66.3 | 66.3 | 67.1 | 67.2 | 67.7 | 68.3 |
| ≥ 20000 | 9.7 | 47.6 | 55.4 | 60.2 | 63.7 | 64.1 | 66.3 | 66.8 | 67.1 | 68.2 | 68.6 | 68.7 | 69.5 | 69.6 | 70.1 | 70.7 |
| ≥ 18000 | 9.8 | 47.8 | 55.7 | 60.5 | 64.0 | 64.4 | 66.6 | 67.1 | 67.4 | 68.5 | 68.9 | 68.9 | 69.7 | 69.9 | 70.4 | 71.0 |
| ≥ 16000 | 9.8 | 47.9 | 55.7 | 60.5 | 64.1 | 64.5 | 66.6 | 67.2 | 67.4 | 68.5 | 69.0 | 69.0 | 69.8 | 70.0 | 70.5 | 71.1 |
| ≥ 14000 | 9.9 | 48.4 | 56.3 | 61.2 | 64.8 | 65.2 | 67.4 | 67.9 | 68.1 | 69.3 | 69.7 | 69.7 | 70.5 | 70.7 | 71.2 | 71.8 |
| ≥ 12000 | 10.3 | 49.9 | 57.9 | 62.9 | 66.5 | 66.9 | 69.1 | 69.6 | 69.8 | 71.0 | 71.4 | 71.4 | 72.2 | 72.4 | 72.9 | 73.5 |
| ≥ 10000 | 10.5 | 51.3 | 59.4 | 64.6 | 68.3 | 68.7 | 70.8 | 71.4 | 71.6 | 72.7 | 73.2 | 73.2 | 74.0 | 74.2 | 74.7 | 75.3 |
| ≥ 9000 | 10.6 | 52.0 | 60.1 | 65.3 | 69.0 | 69.4 | 71.6 | 72.1 | 72.3 | 73.5 | 73.9 | 73.9 | 74.7 | 74.9 | 75.4 | 76.0 |
| ≥ 8000 | 10.7 | 53.4 | 61.6 | 66.8 | 70.5 | 70.9 | 73.1 | 73.6 | 73.9 | 75.0 | 75.4 | 75.5 | 76.3 | 76.4 | 76.9 | 77.5 |
| ≥ 7000 | 10.9 | 54.6 | 63.0 | 68.2 | 72.0 | 72.4 | 74.6 | 75.1 | 75.4 | 76.5 | 76.9 | 77.0 | 77.8 | 77.9 | 78.4 | 79.0 |
| ≥ 6000 | 10.9 | 55.4 | 63.9 | 69.3 | 73.1 | 73.5 | 75.6 | 76.2 | 76.4 | 77.6 | 78.0 | 78.1 | 78.8 | 79.0 | 79.5 | 80.1 |
| ≥ 5000 | 11.1 | 57.1 | 65.8 | 71.3 | 75.2 | 75.6 | 77.7 | 78.2 | 78.5 | 79.6 | 80.1 | 80.1 | 80.9 | 81.1 | 81.6 | 82.2 |
| ≥ 4500 | 11.2 | 57.7 | 66.4 | 71.9 | 75.8 | 76.2 | 78.3 | 78.9 | 79.1 | 80.3 | 80.7 | 80.7 | 81.5 | 81.7 | 82.2 | 82.8 |
| ≥ 4000 | 11.3 | 58.7 | 67.4 | 73.0 | 76.9 | 77.4 | 79.6 | 80.1 | 80.3 | 81.5 | 81.9 | 82.0 | 82.8 | 82.9 | 83.4 | 84.1 |
| ≥ 3500 | 11.3 | 59.2 | 67.9 | 73.6 | 77.5 | 78.1 | 80.3 | 80.8 | 81.1 | 82.2 | 82.6 | 82.7 | 83.5 | 83.6 | 84.2 | 84.8 |
| ≥ 3000 | 11.5 | 59.9 | 68.8 | 74.6 | 78.6 | 79.1 | 81.3 | 81.9 | 82.1 | 83.2 | 83.7 | 83.7 | 84.5 | 84.7 | 85.2 | 85.9 |
| ≥ 2500 | 11.6 | 60.5 | 69.4 | 75.2 | 79.2 | 79.7 | 81.9 | 82.5 | 82.7 | 83.9 | 84.3 | 84.4 | 85.1 | 85.3 | 85.8 | 86.5 |
| ≥ 2000 | 11.8 | 61.6 | 70.8 | 76.8 | 80.9 | 81.4 | 83.7 | 84.2 | 84.5 | 85.6 | 86.1 | 86.1 | 86.9 | 87.0 | 87.6 | 88.2 |
| ≥ 1800 | 11.8 | 61.9 | 71.2 | 77.3 | 81.4 | 81.9 | 84.2 | 84.7 | 84.9 | 86.1 | 86.5 | 86.6 | 87.4 | 87.5 | 88.0 | 88.7 |
| ≥ 1500 | 11.8 | 62.4 | 71.9 | 78.0 | 82.2 | 82.7 | 84.9 | 85.5 | 85.7 | 86.9 | 87.3 | 87.4 | 88.2 | 88.3 | 88.8 | 89.5 |
| ≥ 1200 | 11.8 | 63.6 | 73.1 | 79.3 | 83.7 | 84.2 | 86.5 | 87.0 | 87.3 | 88.5 | 88.9 | 88.9 | 89.7 | 89.9 | 90.4 | 91.1 |
| ≥ 1000 | 11.9 | 64.7 | 74.5 | 80.8 | 85.4 | 85.9 | 88.2 | 88.8 | 89.0 | 90.2 | 90.6 | 90.7 | 91.5 | 91.6 | 92.2 | 92.8 |
| ≥ 900 | 11.9 | 65.0 | 74.8 | 81.2 | 85.8 | 86.3 | 88.7 | 89.2 | 89.5 | 90.6 | 91.1 | 91.1 | 91.9 | 92.1 | 92.6 | 93.3 |
| ≥ 800 | 11.9 | 65.1 | 75.0 | 81.7 | 86.3 | 86.8 | 89.2 | 89.7 | 90.0 | 91.3 | 91.7 | 91.8 | 92.6 | 92.7 | 93.2 | 93.9 |
| ≥ 700 | 11.9 | 65.5 | 75.7 | 82.4 | 87.4 | 88.0 | 90.3 | 90.9 | 91.1 | 92.4 | 92.9 | 92.9 | 93.7 | 93.9 | 94.4 | 95.0 |
| ≥ 600 | 11.9 | 65.8 | 76.1 | 82.9 | 88.0 | 88.6 | 91.0 | 91.6 | 91.8 | 93.1 | 93.5 | 93.6 | 94.4 | 94.5 | 95.0 | 95.7 |
| ≥ 500 | 11.9 | 66.0 | 76.5 | 83.3 | 88.4 | 89.0 | 91.5 | 92.1 | 92.4 | 93.7 | 94.1 | 94.2 | 95.0 | 95.1 | 95.6 | 96.3 |
| ≥ 400 | 11.9 | 66.2 | 76.8 | 83.6 | 89.1 | 89.7 | 92.3 | 92.9 | 93.1 | 94.6 | 95.0 | 95.0 | 95.8 | 96.0 | 96.5 | 97.2 |
| ≥ 300 | 11.9 | 66.4 | 77.0 | 83.9 | 89.5 | 90.1 | 92.7 | 93.4 | 93.6 | 95.1 | 95.5 | 95.6 | 96.4 | 96.6 | 97.1 | 97.8 |
| ≥ 200 | 11.9 | 66.4 | 77.0 | 83.9 | 89.5 | 90.2 | 93.1 | 93.8 | 94.0 | 95.6 | 96.2 | 96.2 | 97.1 | 97.3 | 97.8 | 98.5 |
| ≥ 100 | 11.9 | 66.4 | 77.1 | 84.0 | 89.7 | 90.3 | 93.2 | 93.9 | 94.2 | 95.8 | 96.4 | 96.5 | 97.5 | 97.7 | 98.4 | 99.2 |
| ≥ 0 | 11.9 | 66.4 | 77.1 | 84.0 | 89.7 | 90.3 | 93.2 | 93.9 | 94.2 | 95.8 | 96.5 | 96.5 | 97.6 | 97.8 | 98.5 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2524

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

SPEEDIGO® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

0600-0800 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 13.5 | 43.8 | 49.0 | 51.9 | 53.7 | 54.3 | 55.5 | 56.2 | 56.4 | 56.9 | 57.4 | 57.4 | 57.7 | 58.0 | 58.4 | 58.7 |
| ≥ 20000 | 14.3 | 47.3 | 52.9 | 56.2 | 58.3 | 58.9 | 60.3 | 61.0 | 61.2 | 61.7 | 62.3 | 62.3 | 62.6 | 62.9 | 63.3 | 63.7 |
| ≥ 18000 | 14.3 | 47.3 | 52.9 | 56.2 | 58.4 | 59.0 | 60.3 | 61.1 | 61.3 | 61.7 | 62.4 | 62.4 | 62.7 | 62.9 | 63.4 | 63.9 |
| ≥ 16000 | 14.3 | 47.3 | 52.9 | 56.3 | 58.4 | 59.1 | 60.4 | 61.2 | 61.4 | 61.8 | 62.4 | 62.4 | 62.7 | 63.0 | 63.5 | 63.9 |
| ≥ 14000 | 14.5 | 47.9 | 53.6 | 57.0 | 59.1 | 59.8 | 61.1 | 61.9 | 62.0 | 62.5 | 63.1 | 63.1 | 63.4 | 63.7 | 64.2 | 64.6 |
| ≥ 12000 | 14.8 | 50.0 | 55.8 | 59.3 | 61.5 | 62.2 | 63.5 | 64.3 | 64.5 | 65.0 | 65.6 | 65.6 | 66.0 | 66.2 | 66.7 | 67.2 |
| ≥ 10000 | 15.3 | 52.8 | 58.9 | 62.4 | 64.6 | 65.3 | 66.8 | 67.6 | 67.9 | 68.4 | 69.1 | 69.1 | 69.4 | 69.7 | 70.2 | 70.6 |
| ≥ 9000 | 15.3 | 53.3 | 59.4 | 62.9 | 65.2 | 65.9 | 67.3 | 68.2 | 68.5 | 68.9 | 69.6 | 69.6 | 70.0 | 70.3 | 70.8 | 71.2 |
| ≥ 8000 | 15.6 | 55.5 | 61.8 | 65.4 | 67.7 | 68.4 | 69.9 | 70.7 | 71.1 | 71.5 | 72.3 | 72.3 | 72.6 | 72.9 | 73.4 | 73.9 |
| ≥ 7000 | 15.8 | 56.9 | 63.6 | 67.2 | 69.7 | 70.4 | 71.9 | 72.7 | 73.1 | 73.5 | 74.3 | 74.3 | 74.6 | 74.9 | 75.4 | 75.9 |
| ≥ 6000 | 16.0 | 57.8 | 64.7 | 68.4 | 71.0 | 71.8 | 73.2 | 74.1 | 74.4 | 74.9 | 75.6 | 75.6 | 75.9 | 76.2 | 76.7 | 77.2 |
| ≥ 5000 | 16.3 | 59.2 | 66.2 | 69.9 | 72.6 | 73.4 | 74.9 | 75.7 | 76.1 | 76.5 | 77.3 | 77.3 | 77.6 | 77.9 | 78.4 | 78.9 |
| ≥ 4500 | 16.4 | 59.5 | 66.5 | 70.2 | 72.9 | 73.7 | 75.2 | 76.0 | 76.4 | 76.8 | 77.6 | 77.6 | 77.9 | 78.2 | 78.7 | 79.2 |
| ≥ 4000 | 16.6 | 60.3 | 67.6 | 71.3 | 74.1 | 74.9 | 76.4 | 77.3 | 77.7 | 78.1 | 78.9 | 78.9 | 79.2 | 79.5 | 80.0 | 80.6 |
| ≥ 3500 | 16.7 | 60.8 | 68.1 | 71.8 | 74.7 | 75.6 | 77.1 | 78.0 | 78.4 | 78.9 | 79.6 | 79.6 | 79.9 | 80.2 | 80.8 | 81.3 |
| ≥ 3000 | 16.9 | 61.9 | 69.3 | 73.2 | 76.1 | 77.0 | 78.5 | 79.5 | 79.8 | 80.3 | 81.1 | 81.1 | 81.4 | 81.8 | 82.3 | 82.8 |
| ≥ 2500 | 17.0 | 62.6 | 70.1 | 74.1 | 77.1 | 78.0 | 79.5 | 80.4 | 80.8 | 81.3 | 82.1 | 82.1 | 82.4 | 82.7 | 83.3 | 83.8 |
| ≥ 2000 | 17.2 | 63.9 | 71.7 | 75.7 | 78.8 | 79.7 | 81.3 | 82.2 | 82.6 | 83.1 | 83.9 | 83.9 | 84.3 | 84.6 | 85.1 | 85.7 |
| ≥ 1800 | 17.2 | 64.2 | 72.0 | 76.0 | 79.1 | 80.0 | 81.6 | 82.6 | 82.9 | 83.4 | 84.2 | 84.2 | 84.6 | 84.9 | 85.5 | 86.0 |
| ≥ 1500 | 17.4 | 64.7 | 72.6 | 76.7 | 79.9 | 80.9 | 82.5 | 83.5 | 83.8 | 84.3 | 85.1 | 85.1 | 85.5 | 85.8 | 86.4 | 86.9 |
| ≥ 1200 | 17.5 | 65.5 | 73.7 | 77.9 | 81.2 | 82.1 | 83.9 | 84.8 | 85.2 | 85.7 | 86.5 | 86.5 | 86.9 | 87.2 | 87.8 | 88.3 |
| ≥ 1000 | 17.6 | 66.4 | 74.9 | 79.3 | 82.6 | 83.7 | 85.6 | 86.5 | 86.8 | 87.3 | 88.1 | 88.1 | 88.6 | 88.9 | 89.4 | 90.0 |
| ≥ 900 | 17.6 | 66.6 | 75.1 | 79.7 | 83.1 | 84.1 | 86.1 | 87.0 | 87.3 | 87.8 | 88.7 | 88.7 | 89.1 | 89.4 | 90.0 | 90.5 |
| ≥ 800 | 17.7 | 67.4 | 76.0 | 80.8 | 84.3 | 85.3 | 87.3 | 88.3 | 88.6 | 89.1 | 89.9 | 89.9 | 90.4 | 90.7 | 91.2 | 91.8 |
| ≥ 700 | 17.9 | 68.0 | 76.7 | 81.6 | 85.1 | 86.1 | 88.3 | 89.3 | 89.6 | 90.2 | 91.0 | 91.0 | 91.4 | 91.7 | 92.3 | 92.8 |
| ≥ 600 | 17.9 | 68.6 | 77.5 | 82.5 | 86.1 | 87.2 | 89.4 | 90.5 | 90.9 | 91.4 | 92.2 | 92.2 | 92.6 | 93.0 | 93.5 | 94.1 |
| ≥ 500 | 17.9 | 68.9 | 78.2 | 83.3 | 87.0 | 88.1 | 90.6 | 91.8 | 92.1 | 92.8 | 93.6 | 93.6 | 94.1 | 94.4 | 95.0 | 95.5 |
| ≥ 400 | 17.9 | 69.2 | 78.5 | 83.8 | 87.7 | 88.8 | 91.6 | 92.8 | 93.2 | 94.0 | 94.8 | 94.8 | 95.3 | 95.6 | 96.2 | 96.7 |
| ≥ 300 | 17.9 | 69.2 | 78.7 | 84.2 | 88.3 | 89.5 | 92.4 | 93.8 | 94.2 | 95.2 | 96.0 | 96.0 | 96.7 | 97.0 | 97.7 | 98.3 |
| ≥ 200 | 17.9 | 69.2 | 78.8 | 84.2 | 88.4 | 89.6 | 92.5 | 94.0 | 94.4 | 95.5 | 96.5 | 96.6 | 97.3 | 97.6 | 98.5 | 99.0 |
| ≥ 100 | 17.9 | 69.2 | 78.8 | 84.2 | 88.4 | 89.6 | 92.5 | 94.0 | 94.4 | 95.5 | 96.6 | 96.6 | 97.5 | 97.8 | 98.9 | 99.6 |
| ≥ 0 | 17.9 | 69.2 | 78.8 | 84.2 | 88.4 | 89.6 | 92.5 | 94.0 | 94.4 | 95.5 | 96.6 | 96.7 | 97.5 | 97.8 | 99.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2582

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

SPEEDIGRAF® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 26.6 | 56.2 | 57.7 | 58.1 | 58.4 | 58.6 | 58.7 | 58.8 | 58.8 | 58.8 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 | 58.9 |
| ≥ 20000 | 29.4 | 63.0 | 64.6 | 65.2 | 65.6 | 65.8 | 65.9 | 66.0 | 66.0 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 | 66.1 |
| ≥ 18000 | 29.4 | 63.1 | 64.7 | 65.4 | 65.8 | 65.9 | 66.1 | 66.1 | 66.1 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 |
| ≥ 16000 | 29.4 | 63.2 | 64.9 | 65.5 | 65.9 | 66.1 | 66.2 | 66.3 | 66.3 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 | 66.4 |
| ≥ 14000 | 29.8 | 64.2 | 65.9 | 66.5 | 67.0 | 67.1 | 67.2 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 | 67.4 |
| ≥ 12000 | 30.3 | 65.9 | 67.6 | 68.3 | 68.7 | 68.9 | 69.0 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 10000 | 31.2 | 69.4 | 71.3 | 72.0 | 72.5 | 72.6 | 72.7 | 72.8 | 72.8 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 | 72.9 |
| ≥ 9000 | 31.6 | 70.0 | 72.1 | 72.9 | 73.4 | 73.5 | 73.6 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 | 73.8 |
| ≥ 8000 | 31.8 | 71.4 | 73.6 | 74.4 | 74.9 | 75.1 | 75.2 | 75.3 | 75.3 | 75.3 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 | 75.4 |
| ≥ 7000 | 31.9 | 72.7 | 75.0 | 75.9 | 76.4 | 76.5 | 76.7 | 76.7 | 76.7 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 | 76.8 |
| ≥ 6000 | 32.0 | 73.6 | 75.8 | 76.7 | 77.2 | 77.3 | 77.5 | 77.5 | 77.5 | 77.6 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 | 77.7 |
| ≥ 5000 | 32.5 | 74.6 | 76.9 | 77.9 | 78.4 | 78.6 | 78.7 | 78.8 | 78.8 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 | 78.9 |
| ≥ 4500 | 32.7 | 74.9 | 77.2 | 78.2 | 78.7 | 78.9 | 79.0 | 79.0 | 79.0 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 4000 | 32.9 | 75.5 | 77.8 | 78.8 | 79.4 | 79.6 | 79.7 | 79.7 | 79.7 | 79.8 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 | 79.9 |
| ≥ 3500 | 33.3 | 76.4 | 78.8 | 79.8 | 80.4 | 80.6 | 80.7 | 80.7 | 80.7 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 3000 | 33.6 | 77.3 | 79.9 | 80.9 | 81.6 | 81.8 | 81.9 | 81.9 | 81.9 | 82.0 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 2500 | 33.8 | 78.1 | 80.6 | 81.8 | 82.5 | 82.6 | 82.7 | 82.8 | 82.8 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 2000 | 34.5 | 80.1 | 82.8 | 84.0 | 84.7 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 | 85.3 |
| ≥ 1800 | 34.5 | 80.3 | 83.0 | 84.2 | 85.0 | 85.2 | 85.3 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 | 85.5 |
| ≥ 1500 | 35.1 | 82.3 | 85.3 | 86.6 | 87.5 | 87.7 | 87.8 | 87.9 | 87.9 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 | 88.1 |
| ≥ 1200 | 35.4 | 83.9 | 87.4 | 88.6 | 89.6 | 89.8 | 90.1 | 90.2 | 90.2 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 | 90.3 |
| ≥ 1000 | 35.6 | 85.2 | 89.0 | 90.5 | 91.6 | 91.8 | 92.1 | 92.2 | 92.2 | 92.3 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 | 92.4 |
| ≥ 900 | 35.7 | 86.0 | 89.9 | 91.4 | 92.6 | 92.8 | 93.0 | 93.2 | 93.2 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 800 | 35.7 | 87.0 | 91.0 | 92.7 | 94.0 | 94.2 | 94.5 | 94.7 | 94.7 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 700 | 35.8 | 87.4 | 91.5 | 93.4 | 94.7 | 95.1 | 95.5 | 95.7 | 95.7 | 95.8 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 | 95.9 |
| ≥ 600 | 35.8 | 87.8 | 92.1 | 94.1 | 95.6 | 95.9 | 96.4 | 96.6 | 96.6 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 | 96.8 |
| ≥ 500 | 35.9 | 88.6 | 93.1 | 95.2 | 96.9 | 97.4 | 98.1 | 98.3 | 98.3 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 | 98.5 |
| ≥ 400 | 35.9 | 88.6 | 93.2 | 95.4 | 97.2 | 97.7 | 98.5 | 98.8 | 98.8 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.0 | 99.1 |
| ≥ 300 | 35.9 | 88.8 | 93.4 | 95.7 | 97.5 | 98.1 | 99.0 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.8 |
| ≥ 200 | 35.9 | 88.9 | 93.5 | 95.8 | 97.6 | 98.2 | 99.1 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 |
| ≥ 100 | 35.9 | 88.9 | 93.5 | 95.8 | 97.6 | 98.2 | 99.1 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |
| 0 | 35.9 | 88.9 | 93.5 | 95.8 | 97.6 | 98.2 | 99.1 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.8 | 99.8 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2587

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.2 | 56.9 | 57.8 | 58.4 | 58.6 | 58.6 | 58.7 | 58.7 | 58.7 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 | 58.8 |
| ≤ 20000 | 34.6 | 65.1 | 66.1 | 66.7 | 66.9 | 66.9 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 18000 | 34.8 | 65.4 | 66.4 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 | 67.4 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| ≥ 16000 | 34.8 | 65.3 | 66.8 | 67.4 | 67.6 | 67.6 | 67.8 | 67.8 | 67.8 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 | 67.9 |
| ≥ 14000 | 35.7 | 67.1 | 68.1 | 68.7 | 69.0 | 69.0 | 69.1 | 69.1 | 69.1 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 | 69.2 |
| ≥ 12000 | 36.5 | 69.3 | 70.4 | 71.1 | 71.3 | 71.3 | 71.4 | 71.4 | 71.4 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 | 71.6 |
| ≥ 10000 | 37.3 | 72.3 | 73.3 | 74.0 | 74.2 | 74.2 | 74.3 | 74.3 | 74.3 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 | 74.5 |
| ≥ 9000 | 37.9 | 73.4 | 74.4 | 75.1 | 75.3 | 75.3 | 75.5 | 75.5 | 75.5 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 |
| ≥ 8000 | 38.6 | 75.6 | 76.7 | 77.4 | 77.6 | 77.6 | 77.7 | 77.7 | 77.7 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 | 77.9 |
| ≥ 7000 | 39.1 | 77.2 | 78.4 | 79.1 | 79.3 | 79.3 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 6000 | 39.4 | 78.6 | 79.7 | 80.4 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 |
| ≥ 5000 | 39.9 | 80.0 | 81.2 | 81.9 | 82.2 | 82.2 | 82.3 | 82.3 | 82.3 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 | 82.4 |
| ≥ 4500 | 40.1 | 80.5 | 81.7 | 82.4 | 82.8 | 82.8 | 82.9 | 82.9 | 82.9 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 | 83.0 |
| ≥ 4000 | 40.6 | 81.7 | 83.0 | 83.7 | 84.1 | 84.1 | 84.2 | 84.2 | 84.2 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 | 84.3 |
| ≥ 3500 | 40.9 | 82.4 | 83.7 | 84.4 | 84.8 | 84.8 | 84.9 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 3000 | 41.6 | 84.0 | 85.3 | 86.1 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 2500 | 42.2 | 85.2 | 86.8 | 87.6 | 88.0 | 88.0 | 88.1 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 2000 | 43.1 | 87.3 | 88.9 | 89.7 | 90.3 | 90.3 | 90.4 | 90.5 | 90.5 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 | 90.6 |
| ≥ 1800 | 43.2 | 88.0 | 89.6 | 90.4 | 91.0 | 91.0 | 91.1 | 91.2 | 91.2 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 | 91.3 |
| ≥ 1500 | 43.5 | 89.6 | 91.3 | 92.3 | 93.0 | 93.0 | 93.2 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1200 | 43.8 | 91.1 | 92.9 | 94.0 | 94.7 | 94.7 | 94.9 | 95.0 | 95.0 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 | 95.2 |
| ≥ 1000 | 44.2 | 92.0 | 94.1 | 95.4 | 96.1 | 96.2 | 96.4 | 96.5 | 96.5 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 | 96.7 |
| ≥ 900 | 44.2 | 92.4 | 94.5 | 95.8 | 96.5 | 96.6 | 96.8 | 96.9 | 96.9 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 | 97.1 |
| ≥ 800 | 44.3 | 92.8 | 94.9 | 96.3 | 97.0 | 97.0 | 97.3 | 97.4 | 97.4 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 700 | 44.3 | 93.0 | 95.2 | 96.7 | 97.4 | 97.5 | 97.8 | 98.0 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 44.5 | 93.3 | 95.5 | 97.0 | 97.8 | 97.9 | 98.3 | 98.5 | 98.5 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 | 98.8 |
| ≥ 500 | 44.5 | 93.6 | 95.8 | 97.4 | 98.3 | 98.4 | 98.9 | 99.1 | 99.1 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 44.5 | 93.7 | 96.0 | 97.6 | 98.5 | 98.6 | 99.1 | 99.3 | 99.3 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 300 | 44.5 | 93.8 | 96.0 | 97.6 | 98.6 | 98.8 | 99.3 | 99.5 | 99.5 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 200 | 44.5 | 93.8 | 96.0 | 97.6 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 100 | 44.5 | 93.8 | 96.0 | 97.6 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 44.5 | 93.8 | 96.0 | 97.6 | 98.7 | 98.8 | 99.4 | 99.6 | 99.7 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

SPEEDHOLE® HOUSE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700 (HOURS, LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 31.7 | 56.8 | 57.7 | 58.0 | 58.4 | 58.4 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 | 58.5 |
| ≥ 20000 | 35.0 | 65.0 | 66.1 | 66.5 | 67.0 | 67.0 | 67.0 | 67.0 | 67.0 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 | 67.1 |
| ≥ 18000 | 35.3 | 65.6 | 66.7 | 67.1 | 67.5 | 67.5 | 67.6 | 67.6 | 67.6 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 | 67.7 |
| ≥ 16000 | 35.4 | 66.0 | 67.0 | 67.5 | 67.9 | 67.9 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 | 68.0 |
| ≥ 14000 | 36.1 | 67.4 | 68.5 | 68.9 | 69.4 | 69.4 | 69.4 | 69.4 | 69.4 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 | 69.5 |
| ≥ 12000 | 37.4 | 69.9 | 71.2 | 71.7 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 | 72.3 |
| ≥ 10000 | 38.7 | 73.5 | 74.9 | 75.4 | 75.9 | 75.9 | 75.9 | 75.9 | 75.9 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 |
| ≥ 9000 | 38.8 | 74.1 | 75.5 | 76.1 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 8000 | 39.5 | 76.4 | 78.0 | 78.7 | 79.1 | 79.1 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 | 79.2 |
| ≥ 7000 | 40.0 | 78.2 | 79.9 | 80.7 | 81.1 | 81.1 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 | 81.2 |
| ≥ 6000 | 40.5 | 79.6 | 81.3 | 82.0 | 82.5 | 82.5 | 82.5 | 82.5 | 82.5 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 | 82.6 |
| ≥ 5000 | 41.3 | 81.4 | 83.1 | 83.9 | 84.4 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 | 84.5 |
| ≥ 4500 | 41.6 | 82.0 | 83.7 | 84.5 | 84.9 | 84.9 | 85.0 | 85.0 | 85.0 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 | 85.1 |
| ≥ 4000 | 41.9 | 83.5 | 85.3 | 86.2 | 86.7 | 86.7 | 86.8 | 86.8 | 86.8 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 | 86.9 |
| ≥ 3500 | 42.3 | 84.8 | 86.7 | 87.6 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 3000 | 42.5 | 85.3 | 87.8 | 88.8 | 89.3 | 89.3 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 | 89.5 |
| ≥ 2500 | 43.1 | 87.3 | 89.3 | 90.4 | 90.9 | 90.9 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 | 91.1 |
| ≥ 2000 | 43.6 | 89.2 | 91.2 | 92.3 | 92.9 | 92.9 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 1800 | 43.7 | 89.5 | 91.5 | 92.6 | 93.1 | 93.1 | 93.3 | 93.3 | 93.3 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 | 93.4 |
| ≥ 1500 | 44.1 | 90.6 | 92.7 | 93.7 | 94.5 | 94.5 | 94.7 | 94.7 | 94.7 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 1200 | 44.3 | 91.9 | 94.1 | 95.2 | 96.0 | 96.0 | 96.3 | 96.3 | 96.3 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 | 96.4 |
| ≥ 1000 | 44.5 | 92.4 | 94.7 | 96.0 | 96.9 | 97.0 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 900 | 44.5 | 92.6 | 94.8 | 96.2 | 97.1 | 97.1 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 | 97.6 |
| ≥ 800 | 44.5 | 92.8 | 95.1 | 96.4 | 97.4 | 97.4 | 97.8 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 44.6 | 93.0 | 95.5 | 96.9 | 97.9 | 97.9 | 98.4 | 98.5 | 98.5 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 | 98.6 |
| ≥ 600 | 44.6 | 93.1 | 95.7 | 97.2 | 98.3 | 98.4 | 98.9 | 99.0 | 99.0 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 | 99.1 |
| ≥ 500 | 44.6 | 93.1 | 95.9 | 97.4 | 98.5 | 98.6 | 99.3 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 400 | 44.6 | 93.1 | 95.9 | 97.4 | 98.6 | 98.6 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 |
| ≥ 300 | 44.6 | 93.2 | 96.0 | 97.4 | 98.6 | 98.7 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 200 | 44.6 | 93.2 | 96.0 | 97.4 | 98.6 | 98.7 | 99.5 | 99.6 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 |
| ≥ 100 | 44.6 | 93.2 | 96.0 | 97.4 | 98.6 | 98.7 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 |
| 0 | 44.6 | 93.2 | 96.0 | 97.4 | 98.6 | 98.7 | 99.5 | 99.7 | 99.7 | 99.9 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2582

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

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DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

1800-2000 (HOURS (EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 24.9 | 61.2 | 64.1 | 65.4 | 66.5 | 66.5 | 66.6 | 66.6 | 66.6 | 66.8 | 66.8 | 66.8 | 66.8 | 66.9 | 66.9 | 66.9 |
| ≥ 25000 | 26.0 | 66.0 | 69.0 | 70.5 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 18000 | 26.2 | 66.3 | 69.4 | 70.8 | 72.0 | 72.1 | 72.1 | 72.2 | 72.2 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 |
| ≥ 16000 | 26.3 | 66.7 | 69.7 | 71.2 | 72.4 | 72.4 | 72.5 | 72.5 | 72.5 | 72.7 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 | 72.8 |
| ≥ 14000 | 26.7 | 67.9 | 71.1 | 72.5 | 73.7 | 73.7 | 73.8 | 73.8 | 73.8 | 74.0 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 | 74.1 |
| ≥ 12000 | 27.1 | 69.4 | 72.8 | 74.2 | 75.4 | 75.4 | 75.5 | 75.6 | 75.6 | 75.7 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 | 75.8 |
| ≥ 10000 | 27.9 | 72.2 | 75.7 | 77.2 | 78.5 | 78.6 | 78.7 | 78.7 | 78.7 | 78.9 | 78.9 | 78.9 | 78.9 | 79.0 | 79.0 | 79.0 |
| ≥ 9000 | 27.9 | 73.0 | 76.5 | 78.0 | 79.3 | 79.4 | 79.4 | 79.5 | 79.5 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 | 79.7 |
| ≥ 8000 | 28.2 | 74.2 | 77.8 | 79.4 | 80.7 | 80.8 | 80.8 | 80.9 | 80.9 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 | 81.1 |
| ≥ 7000 | 28.3 | 75.1 | 78.8 | 80.4 | 81.7 | 81.8 | 81.8 | 81.9 | 81.9 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 | 82.1 |
| ≥ 6000 | 28.7 | 76.4 | 80.2 | 81.8 | 83.2 | 83.2 | 83.3 | 83.4 | 83.4 | 83.5 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 | 83.6 |
| ≥ 5000 | 29.0 | 78.0 | 81.8 | 83.4 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 | 85.2 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 |
| ≥ 4500 | 29.2 | 78.7 | 82.5 | 84.1 | 85.5 | 85.6 | 85.6 | 85.7 | 85.7 | 85.9 | 85.9 | 85.9 | 85.9 | 86.0 | 86.0 | 86.0 |
| ≥ 4000 | 29.3 | 79.9 | 83.9 | 85.6 | 87.2 | 87.3 | 87.4 | 87.4 | 87.4 | 87.6 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 | 87.7 |
| ≥ 3500 | 29.4 | 80.9 | 85.0 | 86.7 | 88.3 | 88.4 | 88.5 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 | 88.8 |
| ≥ 3000 | 29.5 | 82.4 | 86.7 | 88.4 | 90.0 | 90.1 | 90.2 | 90.2 | 90.2 | 90.4 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 | 90.5 |
| ≥ 2500 | 29.7 | 83.3 | 87.6 | 89.4 | 91.1 | 91.2 | 91.3 | 91.3 | 91.3 | 91.5 | 91.5 | 91.5 | 91.5 | 91.6 | 91.6 | 91.6 |
| ≥ 2000 | 29.8 | 84.9 | 89.4 | 91.2 | 93.1 | 93.2 | 93.3 | 93.4 | 93.4 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 1800 | 29.9 | 85.2 | 89.7 | 91.6 | 93.4 | 93.6 | 93.7 | 93.7 | 93.7 | 93.9 | 93.9 | 93.9 | 93.9 | 94.0 | 94.0 | 94.0 |
| ≥ 1500 | 30.0 | 85.9 | 90.5 | 92.4 | 94.3 | 94.5 | 94.6 | 94.6 | 94.6 | 94.8 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 | 94.9 |
| ≥ 1200 | 30.1 | 86.9 | 91.8 | 93.8 | 95.8 | 96.0 | 96.2 | 96.3 | 96.3 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 | 96.5 |
| ≥ 1000 | 30.2 | 87.5 | 92.5 | 94.6 | 96.7 | 96.9 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.5 | 97.6 | 97.6 | 97.6 |
| ≥ 900 | 30.2 | 87.5 | 92.6 | 94.8 | 96.9 | 97.0 | 97.4 | 97.5 | 97.5 | 97.7 | 97.7 | 97.7 | 97.8 | 97.8 | 97.8 | 97.8 |
| ≥ 800 | 30.2 | 87.6 | 92.7 | 94.9 | 97.1 | 97.2 | 97.6 | 97.7 | 97.7 | 97.9 | 97.9 | 97.9 | 98.0 | 98.0 | 98.0 | 98.0 |
| ≥ 700 | 30.2 | 87.8 | 93.0 | 95.2 | 97.5 | 97.6 | 98.0 | 98.1 | 98.1 | 98.3 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 | 98.4 |
| ≥ 600 | 30.2 | 88.0 | 93.2 | 95.4 | 97.7 | 97.9 | 98.4 | 98.6 | 98.6 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 30.2 | 88.1 | 93.4 | 95.7 | 98.1 | 98.2 | 98.8 | 99.1 | 99.1 | 99.3 | 99.3 | 99.3 | 99.4 | 99.4 | 99.4 | 99.4 |
| ≥ 400 | 30.2 | 88.1 | 93.4 | 95.7 | 98.1 | 98.2 | 99.0 | 99.3 | 99.3 | 99.5 | 99.5 | 99.5 | 99.6 | 99.6 | 99.6 | 99.6 |
| ≥ 300 | 30.2 | 88.1 | 93.5 | 95.8 | 98.2 | 98.3 | 99.1 | 99.4 | 99.4 | 99.6 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 | 99.7 |
| ≥ 200 | 30.2 | 88.1 | 93.5 | 95.8 | 98.2 | 98.3 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.8 |
| ≥ 100 | 30.2 | 88.1 | 93.5 | 95.8 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |
| ≥ 0 | 30.2 | 88.1 | 93.5 | 95.8 | 98.3 | 98.4 | 99.2 | 99.5 | 99.5 | 99.8 | 99.9 | 99.9 | 100.0 | 100.0 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2577

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 19.0 | 59.5 | 64.5 | 66.3 | 68.7 | 68.9 | 69.5 | 69.6 | 69.6 | 70.2 | 70.2 | 70.2 | 70.4 | 70.5 | 70.5 | 70.6 |
| ≥ 20000 | 19.9 | 62.9 | 68.0 | 70.0 | 72.4 | 72.7 | 73.2 | 73.3 | 73.3 | 73.9 | 74.0 | 74.0 | 74.1 | 74.2 | 74.3 | 74.3 |
| ≥ 18000 | 19.9 | 63.0 | 68.2 | 70.3 | 72.7 | 73.0 | 73.5 | 73.6 | 73.6 | 74.2 | 74.3 | 74.3 | 74.4 | 74.5 | 74.6 | 74.6 |
| ≥ 16000 | 20.1 | 63.4 | 68.6 | 70.7 | 73.1 | 73.4 | 73.9 | 74.0 | 74.0 | 74.6 | 74.7 | 74.7 | 74.8 | 74.9 | 75.0 | 75.0 |
| ≥ 14000 | 20.6 | 64.4 | 69.7 | 71.8 | 74.2 | 74.5 | 75.0 | 75.1 | 75.1 | 75.8 | 75.9 | 75.9 | 76.0 | 76.1 | 76.2 | 76.2 |
| ≥ 12000 | 21.2 | 66.2 | 71.6 | 73.7 | 76.3 | 76.5 | 77.0 | 77.1 | 77.1 | 77.8 | 77.9 | 77.9 | 78.0 | 78.1 | 78.2 | 78.2 |
| ≥ 10000 | 21.6 | 68.2 | 73.9 | 76.2 | 78.8 | 79.0 | 79.5 | 79.7 | 79.7 | 80.4 | 80.4 | 80.4 | 80.5 | 80.7 | 80.7 | 80.8 |
| ≥ 9000 | 21.6 | 68.8 | 74.5 | 76.8 | 79.3 | 79.6 | 80.1 | 80.3 | 80.3 | 80.9 | 81.0 | 81.0 | 81.1 | 81.3 | 81.3 | 81.4 |
| ≥ 8000 | 21.8 | 69.8 | 75.7 | 78.0 | 80.6 | 80.9 | 81.4 | 81.6 | 81.6 | 82.2 | 82.3 | 82.3 | 82.4 | 82.5 | 82.6 | 82.7 |
| ≥ 7000 | 22.0 | 70.8 | 76.7 | 79.1 | 81.7 | 81.9 | 82.5 | 82.6 | 82.6 | 83.3 | 83.4 | 83.4 | 83.5 | 83.6 | 83.7 | 83.7 |
| ≥ 6000 | 22.1 | 72.0 | 78.0 | 80.4 | 83.0 | 83.3 | 83.8 | 84.0 | 84.0 | 84.6 | 84.7 | 84.7 | 84.8 | 85.0 | 85.0 | 85.1 |
| ≥ 5000 | 22.3 | 73.8 | 79.9 | 82.4 | 85.1 | 85.4 | 85.9 | 86.1 | 86.1 | 86.7 | 86.8 | 86.8 | 86.9 | 87.0 | 87.1 | 87.1 |
| ≥ 4500 | 22.5 | 74.5 | 80.6 | 83.1 | 85.9 | 86.1 | 86.6 | 86.8 | 86.8 | 87.5 | 87.5 | 87.5 | 87.7 | 87.8 | 87.9 | 87.9 |
| ≥ 4000 | 22.5 | 75.7 | 82.0 | 84.6 | 87.4 | 87.7 | 88.2 | 88.4 | 88.4 | 89.0 | 89.1 | 89.1 | 89.2 | 89.3 | 89.4 | 89.5 |
| ≥ 3500 | 22.5 | 76.1 | 82.5 | 85.1 | 87.9 | 88.2 | 88.8 | 88.9 | 88.9 | 89.6 | 89.6 | 89.6 | 89.8 | 89.9 | 90.0 | 90.0 |
| ≥ 3000 | 22.5 | 76.7 | 83.2 | 85.8 | 88.7 | 88.9 | 89.5 | 89.6 | 89.6 | 90.3 | 90.4 | 90.4 | 90.5 | 90.6 | 90.7 | 90.7 |
| ≥ 2500 | 22.7 | 77.5 | 84.0 | 86.7 | 89.5 | 89.8 | 90.4 | 90.5 | 90.5 | 91.2 | 91.3 | 91.3 | 91.4 | 91.5 | 91.6 | 91.6 |
| ≥ 2000 | 22.9 | 78.8 | 85.5 | 88.2 | 91.0 | 91.3 | 91.9 | 92.1 | 92.1 | 92.7 | 92.8 | 92.8 | 92.9 | 93.0 | 93.1 | 93.2 |
| ≥ 1800 | 22.9 | 78.9 | 85.7 | 88.4 | 91.3 | 91.6 | 92.2 | 92.4 | 92.4 | 93.0 | 93.1 | 93.1 | 93.2 | 93.4 | 93.4 | 93.5 |
| ≥ 1500 | 22.9 | 79.6 | 86.6 | 89.4 | 92.3 | 92.6 | 93.2 | 93.4 | 93.4 | 94.1 | 94.1 | 94.1 | 94.3 | 94.4 | 94.5 | 94.5 |
| ≥ 1200 | 22.9 | 80.4 | 87.5 | 90.6 | 93.6 | 93.9 | 94.5 | 94.7 | 94.7 | 95.4 | 95.4 | 95.4 | 95.5 | 95.7 | 95.7 | 95.8 |
| ≥ 1000 | 22.9 | 81.1 | 88.3 | 91.5 | 94.5 | 94.8 | 95.5 | 95.7 | 95.7 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 | 96.7 | 96.8 |
| ≥ 900 | 22.9 | 81.2 | 88.5 | 91.7 | 94.7 | 95.0 | 95.7 | 95.9 | 95.9 | 96.5 | 96.6 | 96.6 | 96.8 | 96.9 | 97.0 | 97.0 |
| ≥ 800 | 22.9 | 81.3 | 88.6 | 91.8 | 94.8 | 95.2 | 95.9 | 96.1 | 96.1 | 96.8 | 96.8 | 96.8 | 97.0 | 97.1 | 97.2 | 97.2 |
| ≥ 700 | 22.9 | 81.5 | 88.8 | 92.1 | 95.2 | 95.5 | 96.2 | 96.4 | 96.5 | 97.1 | 97.2 | 97.2 | 97.4 | 97.5 | 97.6 | 97.6 |
| ≥ 600 | 22.9 | 81.6 | 89.0 | 92.4 | 95.5 | 95.8 | 96.7 | 97.0 | 97.0 | 97.7 | 97.7 | 97.7 | 97.9 | 98.0 | 98.1 | 98.1 |
| ≥ 500 | 22.9 | 81.9 | 89.5 | 92.9 | 96.1 | 96.4 | 97.3 | 97.5 | 97.5 | 98.2 | 98.3 | 98.3 | 98.4 | 98.6 | 98.6 | 98.7 |
| ≥ 400 | 22.9 | 81.9 | 89.5 | 93.0 | 96.1 | 96.4 | 97.4 | 97.6 | 97.7 | 98.3 | 98.4 | 98.4 | 98.6 | 98.7 | 98.8 | 98.8 |
| ≥ 300 | 22.9 | 81.9 | 89.5 | 93.0 | 96.2 | 96.5 | 97.6 | 97.9 | 97.9 | 98.6 | 98.6 | 98.6 | 98.8 | 98.9 | 99.0 | 99.0 |
| ≥ 200 | 22.9 | 81.9 | 89.5 | 93.0 | 96.3 | 96.6 | 97.8 | 98.2 | 98.2 | 99.0 | 99.1 | 99.1 | 99.3 | 99.4 | 99.5 | 99.5 |
| ≥ 100 | 22.9 | 81.9 | 89.5 | 93.0 | 96.3 | 96.6 | 97.8 | 98.2 | 98.2 | 99.0 | 99.2 | 99.2 | 99.5 | 99.6 | 99.7 | 99.7 |
| ≥ 0 | 22.9 | 81.9 | 89.5 | 93.0 | 96.3 | 96.6 | 97.8 | 98.2 | 98.2 | 99.1 | 99.2 | 99.2 | 99.5 | 99.6 | 99.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2560

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

12717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 42-46,49-72 (YEARS) | NOV (MONTH)

0000-0200 (HOURS (LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 16.0 | 54.0 | 57.9 | 60.7 | 62.9 | 63.4 | 65.1 | 65.5 | 65.5 | 66.5 | 67.2 | 67.2 | 67.9 | 68.1 | 68.9 | 70.1 |
| ≥ 20000 | 16.4 | 56.5 | 60.6 | 63.5 | 65.9 | 66.4 | 68.1 | 68.5 | 68.5 | 69.6 | 70.3 | 70.4 | 71.0 | 71.2 | 72.1 | 73.2 |
| ≥ 18000 | 16.4 | 56.6 | 60.7 | 63.5 | 66.0 | 66.4 | 68.2 | 68.6 | 68.6 | 69.7 | 70.4 | 70.5 | 71.1 | 71.3 | 72.2 | 73.3 |
| ≥ 16000 | 16.4 | 56.8 | 60.9 | 63.7 | 66.2 | 66.6 | 68.4 | 68.8 | 68.8 | 69.9 | 70.6 | 70.7 | 71.3 | 71.5 | 72.4 | 73.5 |
| ≥ 14000 | 16.7 | 57.6 | 61.7 | 64.6 | 67.0 | 67.5 | 69.2 | 69.6 | 69.6 | 70.7 | 71.5 | 71.5 | 72.2 | 72.4 | 73.2 | 74.4 |
| ≥ 12000 | 17.0 | 59.2 | 63.4 | 66.3 | 68.8 | 69.2 | 71.0 | 71.4 | 71.4 | 72.5 | 73.2 | 73.3 | 74.0 | 74.2 | 75.0 | 76.2 |
| ≥ 10000 | 17.1 | 61.3 | 65.7 | 68.8 | 71.4 | 71.8 | 73.7 | 74.1 | 74.1 | 75.2 | 75.9 | 76.0 | 76.6 | 76.8 | 77.7 | 78.8 |
| ≥ 9000 | 17.1 | 62.2 | 66.8 | 69.8 | 72.5 | 72.9 | 74.8 | 75.1 | 75.1 | 76.3 | 77.0 | 77.1 | 77.7 | 77.9 | 78.8 | 79.9 |
| ≥ 8000 | 17.2 | 63.4 | 68.1 | 71.2 | 73.9 | 74.4 | 76.2 | 76.6 | 76.6 | 77.7 | 78.4 | 78.5 | 79.1 | 79.3 | 80.2 | 81.4 |
| ≥ 7000 | 17.4 | 64.5 | 69.2 | 72.4 | 75.1 | 75.5 | 77.3 | 77.7 | 77.7 | 78.8 | 79.6 | 79.7 | 80.3 | 80.5 | 81.4 | 82.6 |
| ≥ 6000 | 17.5 | 65.8 | 70.6 | 73.8 | 76.5 | 76.9 | 78.7 | 79.1 | 79.1 | 80.2 | 81.0 | 81.1 | 81.7 | 81.9 | 82.8 | 84.0 |
| ≥ 5000 | 17.7 | 67.4 | 72.4 | 75.7 | 78.4 | 78.9 | 80.7 | 81.1 | 81.1 | 82.2 | 82.9 | 83.1 | 83.7 | 83.9 | 84.8 | 86.0 |
| ≥ 4500 | 17.8 | 67.8 | 72.9 | 76.2 | 79.0 | 79.4 | 81.2 | 81.6 | 81.6 | 82.8 | 83.5 | 83.6 | 84.3 | 84.5 | 85.3 | 86.5 |
| ≥ 4000 | 18.1 | 69.1 | 74.2 | 77.6 | 80.4 | 80.8 | 82.7 | 83.1 | 83.1 | 84.2 | 85.0 | 85.1 | 85.7 | 85.9 | 86.8 | 88.0 |
| ≥ 3500 | 18.2 | 70.0 | 75.1 | 78.4 | 81.3 | 81.7 | 83.6 | 84.0 | 84.0 | 85.2 | 85.9 | 86.0 | 86.7 | 86.9 | 87.8 | 89.0 |
| ≥ 3000 | 18.3 | 70.8 | 75.9 | 79.4 | 82.3 | 82.8 | 84.7 | 85.0 | 85.0 | 86.2 | 87.0 | 87.1 | 87.7 | 87.9 | 88.8 | 90.1 |
| ≥ 2500 | 18.3 | 71.1 | 76.3 | 79.8 | 82.7 | 83.2 | 85.1 | 85.5 | 85.5 | 86.6 | 87.4 | 87.5 | 88.2 | 88.3 | 89.2 | 90.5 |
| ≥ 2000 | 18.3 | 72.0 | 77.3 | 80.8 | 83.9 | 84.4 | 86.2 | 86.6 | 86.6 | 87.8 | 88.6 | 88.7 | 89.3 | 89.5 | 90.4 | 91.7 |
| ≥ 1800 | 18.5 | 72.5 | 77.7 | 81.3 | 84.4 | 84.9 | 86.8 | 87.2 | 87.2 | 88.3 | 89.1 | 89.2 | 89.9 | 90.1 | 90.9 | 92.2 |
| ≥ 1500 | 18.6 | 73.1 | 78.4 | 82.1 | 85.3 | 85.8 | 87.7 | 88.1 | 88.1 | 89.3 | 90.2 | 90.3 | 90.9 | 91.1 | 92.0 | 93.3 |
| ≥ 1200 | 18.6 | 73.7 | 79.1 | 82.8 | 86.1 | 86.6 | 88.6 | 89.1 | 89.1 | 90.3 | 91.2 | 91.3 | 91.9 | 92.1 | 93.0 | 94.3 |
| ≥ 1000 | 18.6 | 74.0 | 79.7 | 83.6 | 87.1 | 87.6 | 89.6 | 90.0 | 90.0 | 91.3 | 92.2 | 92.3 | 92.9 | 93.1 | 94.0 | 95.3 |
| ≥ 900 | 18.6 | 74.1 | 79.8 | 83.7 | 87.3 | 87.8 | 89.8 | 90.2 | 90.2 | 91.5 | 92.4 | 92.5 | 93.2 | 93.4 | 94.3 | 95.6 |
| ≥ 800 | 18.6 | 74.3 | 80.1 | 84.3 | 87.8 | 88.3 | 90.4 | 90.8 | 90.8 | 92.0 | 93.0 | 93.1 | 93.8 | 94.0 | 94.9 | 96.2 |
| ≥ 700 | 18.6 | 74.5 | 80.4 | 84.7 | 88.4 | 88.9 | 91.0 | 91.4 | 91.4 | 92.6 | 93.6 | 93.7 | 94.4 | 94.6 | 95.5 | 96.8 |
| ≥ 600 | 18.6 | 74.6 | 80.7 | 85.3 | 89.1 | 89.5 | 91.7 | 92.2 | 92.2 | 93.4 | 94.3 | 94.4 | 95.1 | 95.3 | 96.3 | 97.5 |
| ≥ 500 | 18.6 | 74.8 | 81.0 | 85.6 | 89.5 | 89.9 | 92.1 | 92.6 | 92.6 | 93.8 | 94.7 | 94.8 | 95.5 | 95.7 | 96.7 | 97.9 |
| ≥ 400 | 18.6 | 75.0 | 81.2 | 85.9 | 89.7 | 90.2 | 92.4 | 92.8 | 92.8 | 94.1 | 95.0 | 95.1 | 95.8 | 96.1 | 97.0 | 98.3 |
| ≥ 300 | 18.6 | 75.0 | 81.2 | 86.0 | 89.9 | 90.4 | 92.7 | 93.1 | 93.1 | 94.4 | 95.4 | 95.5 | 96.2 | 96.5 | 97.4 | 98.6 |
| ≥ 200 | 18.6 | 75.1 | 81.3 | 86.2 | 90.1 | 90.6 | 93.0 | 93.5 | 93.6 | 95.0 | 96.0 | 96.1 | 96.8 | 97.1 | 98.1 | 99.5 |
| ≥ 100 | 18.6 | 75.1 | 81.3 | 86.2 | 90.1 | 90.6 | 93.0 | 93.5 | 93.6 | 95.1 | 96.1 | 96.2 | 96.9 | 97.2 | 98.2 | 99.6 |
| 0 | 18.6 | 75.1 | 81.3 | 86.2 | 90.1 | 90.6 | 93.0 | 93.5 | 93.6 | 95.1 | 96.1 | 96.2 | 97.0 | 97.3 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2515

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

SPEEDGRAPH® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

0300-0500 (HOURS(EST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 4.3 | 53.3 | 57.3 | 60.5 | 62.8 | 63.0 | 64.7 | 65.5 | 65.6 | 66.8 | 67.5 | 67.6 | 68.4 | 68.5 | 69.4 | 70.5 |
| ≥ 20000 | 14.5 | 55.6 | 59.7 | 63.1 | 65.5 | 65.7 | 67.5 | 68.2 | 68.3 | 69.6 | 70.3 | 70.3 | 71.2 | 71.4 | 72.3 | 73.5 |
| ≥ 18000 | 14.5 | 55.7 | 59.8 | 63.2 | 65.7 | 65.9 | 67.7 | 68.4 | 68.5 | 69.8 | 70.5 | 70.5 | 71.4 | 71.6 | 72.5 | 73.7 |
| ≥ 16000 | 14.5 | 55.8 | 59.9 | 63.4 | 65.8 | 66.0 | 67.8 | 68.6 | 68.7 | 69.9 | 70.6 | 70.7 | 71.6 | 71.7 | 72.7 | 73.8 |
| ≥ 14000 | 14.5 | 56.4 | 60.5 | 64.0 | 66.5 | 66.7 | 68.5 | 69.2 | 69.3 | 70.5 | 71.3 | 71.3 | 72.2 | 72.4 | 73.3 | 74.5 |
| ≥ 12000 | 14.8 | 57.7 | 61.9 | 65.4 | 67.9 | 68.1 | 70.0 | 70.7 | 70.8 | 72.1 | 72.8 | 72.9 | 73.8 | 73.9 | 74.9 | 76.0 |
| ≥ 10000 | 15.1 | 59.5 | 63.9 | 67.5 | 70.1 | 70.3 | 72.2 | 73.0 | 73.1 | 74.4 | 75.1 | 75.2 | 76.1 | 76.2 | 77.2 | 78.3 |
| ≥ 9000 | 15.2 | 60.3 | 64.7 | 68.3 | 70.9 | 71.1 | 73.0 | 73.8 | 73.9 | 75.2 | 75.9 | 76.0 | 76.9 | 77.0 | 78.0 | 79.1 |
| ≥ 8000 | 15.6 | 61.5 | 66.1 | 69.8 | 72.4 | 72.6 | 74.4 | 75.3 | 75.4 | 76.7 | 77.4 | 77.5 | 78.4 | 78.5 | 79.5 | 80.6 |
| ≥ 7000 | 15.7 | 62.2 | 66.9 | 70.5 | 73.2 | 73.4 | 75.3 | 76.2 | 76.2 | 77.5 | 78.3 | 78.3 | 79.3 | 79.4 | 80.4 | 81.5 |
| ≥ 6000 | 15.7 | 63.2 | 68.0 | 71.6 | 74.3 | 74.5 | 76.5 | 77.3 | 77.4 | 78.7 | 79.4 | 79.5 | 80.4 | 80.6 | 81.5 | 82.7 |
| ≥ 5000 | 15.9 | 65.0 | 69.9 | 73.6 | 76.3 | 76.5 | 78.4 | 79.3 | 79.3 | 80.7 | 81.4 | 81.5 | 82.4 | 82.6 | 83.5 | 84.7 |
| ≥ 4500 | 15.9 | 65.3 | 70.3 | 74.0 | 76.7 | 76.9 | 78.9 | 79.7 | 79.8 | 81.2 | 81.9 | 82.0 | 82.9 | 83.0 | 84.0 | 85.1 |
| ≥ 4000 | 15.9 | 66.5 | 71.7 | 75.5 | 78.3 | 78.5 | 80.4 | 81.2 | 81.4 | 82.8 | 83.5 | 83.5 | 84.5 | 84.6 | 85.6 | 86.7 |
| ≥ 3500 | 16.0 | 67.3 | 72.6 | 76.4 | 79.2 | 79.4 | 81.3 | 82.2 | 82.3 | 83.7 | 84.4 | 84.5 | 85.4 | 85.5 | 86.5 | 87.6 |
| ≥ 3000 | 16.0 | 68.1 | 73.4 | 77.3 | 80.1 | 80.4 | 82.3 | 83.2 | 83.3 | 84.7 | 85.5 | 85.5 | 86.4 | 86.6 | 87.6 | 88.7 |
| ≥ 2500 | 16.0 | 68.5 | 74.1 | 78.0 | 80.8 | 81.0 | 83.0 | 83.9 | 84.0 | 85.4 | 86.1 | 86.2 | 87.1 | 87.3 | 88.2 | 89.4 |
| ≥ 2000 | 16.2 | 69.3 | 75.0 | 78.9 | 81.8 | 82.0 | 84.0 | 84.9 | 85.0 | 86.4 | 87.2 | 87.2 | 88.2 | 88.3 | 89.3 | 90.4 |
| ≥ 1800 | 16.3 | 69.6 | 75.4 | 79.4 | 82.3 | 82.6 | 84.5 | 85.4 | 85.5 | 87.0 | 87.7 | 87.8 | 88.7 | 88.8 | 89.8 | 91.0 |
| ≥ 1500 | 16.3 | 70.3 | 76.3 | 80.3 | 83.3 | 83.6 | 85.5 | 86.4 | 86.6 | 88.0 | 88.7 | 88.8 | 89.7 | 89.9 | 90.8 | 92.0 |
| ≥ 1200 | 16.3 | 70.9 | 77.0 | 81.2 | 84.2 | 84.5 | 86.4 | 87.4 | 87.5 | 89.1 | 89.8 | 89.9 | 90.8 | 90.9 | 91.9 | 93.1 |
| ≥ 1000 | 16.4 | 71.3 | 77.5 | 81.8 | 84.8 | 85.1 | 87.1 | 88.0 | 88.1 | 89.8 | 90.5 | 90.6 | 91.5 | 91.7 | 92.6 | 93.9 |
| ≥ 900 | 16.4 | 71.5 | 77.7 | 82.2 | 85.2 | 85.6 | 87.6 | 88.5 | 88.6 | 90.4 | 91.1 | 91.2 | 92.1 | 92.2 | 93.2 | 94.5 |
| ≥ 800 | 16.4 | 71.9 | 78.4 | 82.9 | 86.0 | 86.3 | 88.3 | 89.3 | 89.4 | 91.2 | 91.9 | 92.0 | 92.9 | 93.0 | 94.0 | 95.3 |
| ≥ 700 | 16.4 | 72.1 | 78.6 | 83.1 | 86.3 | 86.6 | 88.6 | 89.6 | 89.7 | 91.5 | 92.2 | 92.3 | 93.2 | 93.4 | 94.3 | 95.6 |
| ≥ 600 | 16.4 | 72.6 | 79.1 | 83.8 | 87.0 | 87.4 | 89.4 | 90.4 | 90.5 | 92.3 | 93.0 | 93.1 | 94.0 | 94.2 | 95.1 | 96.4 |
| ≥ 500 | 16.4 | 72.9 | 79.6 | 84.3 | 87.6 | 88.0 | 90.0 | 91.0 | 91.1 | 92.9 | 93.6 | 93.7 | 94.6 | 94.8 | 95.7 | 97.0 |
| ≥ 400 | 16.4 | 73.1 | 79.8 | 84.6 | 88.0 | 88.4 | 90.5 | 91.5 | 91.7 | 93.5 | 94.2 | 94.3 | 95.2 | 95.4 | 96.3 | 97.6 |
| ≥ 300 | 16.4 | 73.3 | 80.0 | 84.9 | 88.3 | 88.7 | 90.9 | 91.9 | 92.1 | 94.1 | 94.8 | 94.9 | 95.8 | 95.9 | 96.9 | 98.2 |
| ≥ 200 | 16.4 | 73.3 | 80.0 | 84.9 | 88.5 | 89.0 | 91.3 | 92.3 | 92.5 | 94.7 | 95.4 | 95.5 | 96.5 | 96.7 | 97.7 | 98.9 |
| ≥ 100 | 16.4 | 73.3 | 80.0 | 84.9 | 88.5 | 89.0 | 91.3 | 92.4 | 92.6 | 94.8 | 95.5 | 95.7 | 96.7 | 97.0 | 98.1 | 99.7 |
| ≥ 0 | 16.4 | 73.3 | 80.0 | 84.9 | 88.5 | 89.0 | 91.3 | 92.4 | 92.6 | 94.8 | 95.5 | 95.7 | 96.8 | 97.1 | 98.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2516

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

SPEEDHOOD MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

0600-0800 (HOURS(LST))

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 15.1 | 48.2 | 52.5 | 55.2 | 57.6 | 58.0 | 59.2 | 59.8 | 59.9 | 60.5 | 61.1 | 61.2 | 61.7 | 61.9 | 62.7 | 63.7 |
| ≥ 20000 | 15.7 | 52.2 | 56.9 | 59.8 | 62.5 | 62.9 | 64.1 | 64.7 | 64.8 | 65.5 | 66.1 | 66.2 | 66.8 | 67.0 | 67.8 | 68.9 |
| ≥ 18000 | 15.8 | 52.5 | 57.2 | 60.2 | 62.9 | 63.3 | 64.6 | 65.2 | 65.2 | 66.0 | 66.6 | 66.7 | 67.3 | 67.5 | 68.3 | 69.4 |
| ≥ 16000 | 15.8 | 52.6 | 57.3 | 60.3 | 63.0 | 63.4 | 64.7 | 65.2 | 65.3 | 66.1 | 66.7 | 66.8 | 67.3 | 67.5 | 68.4 | 69.4 |
| ≥ 14000 | 15.9 | 53.4 | 58.2 | 61.3 | 64.0 | 64.5 | 65.8 | 66.3 | 66.4 | 67.2 | 67.8 | 67.8 | 68.4 | 68.6 | 69.5 | 70.5 |
| ≥ 12000 | 16.3 | 55.0 | 60.1 | 63.1 | 65.9 | 66.4 | 67.7 | 68.2 | 68.3 | 69.1 | 69.7 | 69.8 | 70.4 | 70.6 | 71.5 | 72.6 |
| ≥ 10000 | 16.6 | 56.4 | 61.6 | 64.8 | 67.6 | 68.0 | 69.4 | 70.0 | 70.1 | 70.8 | 71.5 | 71.6 | 72.1 | 72.3 | 73.3 | 74.4 |
| ≥ 9000 | 16.6 | 56.6 | 61.8 | 65.0 | 67.8 | 68.3 | 69.6 | 70.3 | 70.3 | 71.1 | 71.7 | 71.8 | 72.4 | 72.6 | 73.5 | 74.6 |
| ≥ 8000 | 17.0 | 58.2 | 63.8 | 67.2 | 70.1 | 70.6 | 71.9 | 72.6 | 72.7 | 73.5 | 74.2 | 74.3 | 74.9 | 75.1 | 76.0 | 77.1 |
| ≥ 7000 | 17.1 | 59.7 | 65.4 | 68.9 | 71.8 | 72.3 | 73.7 | 74.5 | 74.6 | 75.3 | 76.0 | 76.1 | 76.7 | 77.0 | 77.9 | 79.0 |
| ≥ 6000 | 17.4 | 61.1 | 66.8 | 70.3 | 73.3 | 73.8 | 75.3 | 76.0 | 76.1 | 77.0 | 77.7 | 77.8 | 78.4 | 78.7 | 79.7 | 80.8 |
| ≥ 5000 | 17.7 | 62.7 | 68.6 | 72.1 | 75.1 | 75.6 | 77.1 | 77.9 | 77.9 | 78.8 | 79.6 | 79.7 | 80.3 | 80.6 | 81.5 | 82.7 |
| ≥ 4500 | 17.7 | 62.9 | 68.8 | 72.3 | 75.4 | 75.9 | 77.4 | 78.2 | 78.3 | 79.2 | 80.0 | 80.0 | 80.7 | 80.9 | 81.9 | 83.0 |
| ≥ 4000 | 18.0 | 64.0 | 70.1 | 73.8 | 77.0 | 77.6 | 79.2 | 80.0 | 80.1 | 81.0 | 81.8 | 81.8 | 82.5 | 82.7 | 83.7 | 84.8 |
| ≥ 3500 | 18.1 | 64.7 | 71.0 | 74.6 | 78.0 | 78.5 | 80.2 | 81.0 | 81.1 | 82.0 | 82.8 | 82.9 | 83.5 | 83.7 | 84.7 | 85.8 |
| ≥ 3000 | 18.2 | 65.7 | 72.0 | 75.8 | 79.2 | 79.7 | 81.4 | 82.3 | 82.4 | 83.3 | 84.1 | 84.2 | 84.8 | 85.1 | 86.0 | 87.1 |
| ≥ 2500 | 18.3 | 66.4 | 72.9 | 76.7 | 80.2 | 80.7 | 82.5 | 83.4 | 83.5 | 84.4 | 85.2 | 85.2 | 85.9 | 86.1 | 87.1 | 88.2 |
| ≥ 2000 | 18.5 | 67.1 | 73.7 | 77.7 | 81.3 | 81.9 | 83.7 | 84.6 | 84.8 | 85.7 | 86.5 | 86.6 | 87.2 | 87.5 | 88.4 | 89.5 |
| ≥ 1800 | 18.5 | 67.3 | 73.9 | 77.9 | 81.5 | 82.2 | 84.0 | 84.9 | 85.0 | 85.9 | 86.7 | 86.8 | 87.4 | 87.7 | 88.6 | 89.8 |
| ≥ 1500 | 18.6 | 67.8 | 74.6 | 78.6 | 82.3 | 82.9 | 84.8 | 85.7 | 85.9 | 86.8 | 87.6 | 87.7 | 88.3 | 88.6 | 89.6 | 90.7 |
| ≥ 1200 | 18.6 | 68.4 | 75.1 | 79.2 | 82.9 | 83.6 | 85.6 | 86.5 | 86.6 | 87.6 | 88.4 | 88.5 | 89.1 | 89.4 | 90.3 | 91.5 |
| ≥ 1000 | 19.0 | 69.3 | 76.1 | 80.3 | 84.0 | 84.7 | 86.7 | 87.6 | 87.8 | 88.7 | 89.5 | 89.6 | 90.3 | 90.5 | 91.5 | 92.6 |
| ≥ 900 | 19.0 | 69.6 | 76.5 | 80.6 | 84.3 | 85.1 | 87.2 | 88.1 | 88.2 | 89.2 | 89.9 | 90.0 | 90.7 | 91.0 | 91.9 | 93.1 |
| ≥ 800 | 19.1 | 70.5 | 77.4 | 81.6 | 85.3 | 86.1 | 88.3 | 89.2 | 89.4 | 90.3 | 91.1 | 91.2 | 91.9 | 92.1 | 93.1 | 94.3 |
| ≥ 700 | 19.1 | 70.8 | 77.7 | 82.0 | 85.8 | 86.7 | 88.8 | 89.8 | 89.9 | 90.9 | 91.7 | 91.8 | 92.4 | 92.7 | 93.7 | 94.9 |
| ≥ 600 | 19.1 | 71.6 | 78.6 | 83.0 | 86.9 | 87.8 | 90.0 | 91.1 | 91.2 | 92.2 | 93.1 | 93.2 | 93.8 | 94.1 | 95.1 | 96.3 |
| ≥ 500 | 19.1 | 71.8 | 79.1 | 83.4 | 87.5 | 88.3 | 90.6 | 91.6 | 91.7 | 92.8 | 93.6 | 93.7 | 94.4 | 94.7 | 95.6 | 96.8 |
| ≥ 400 | 19.1 | 72.0 | 79.3 | 83.7 | 87.9 | 88.8 | 91.1 | 92.2 | 92.3 | 93.4 | 94.3 | 94.3 | 95.0 | 95.3 | 96.3 | 97.4 |
| ≥ 300 | 19.1 | 72.1 | 79.4 | 83.9 | 88.1 | 89.0 | 91.4 | 92.7 | 92.9 | 94.0 | 95.0 | 95.1 | 95.8 | 96.1 | 97.1 | 98.2 |
| ≥ 200 | 19.1 | 72.1 | 79.4 | 83.9 | 88.2 | 89.1 | 91.6 | 92.9 | 93.1 | 94.2 | 95.4 | 95.4 | 96.2 | 96.5 | 97.5 | 98.7 |
| ≥ 100 | 19.1 | 72.1 | 79.4 | 83.9 | 88.2 | 89.1 | 91.6 | 92.9 | 93.1 | 94.4 | 95.6 | 95.7 | 96.5 | 96.8 | 98.0 | 99.6 |
| 0 | 19.1 | 72.1 | 79.4 | 83.9 | 88.2 | 89.1 | 91.6 | 92.9 | 93.1 | 94.4 | 95.6 | 95.7 | 96.5 | 96.8 | 98.2 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2566

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

SPECIFIED® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-7? (YEAR) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0900-1100 (HOURS LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 28.2 | 58.9 | 60.6 | 61.6 | 62.1 | 62.3 | 62.4 | 62.5 | 62.6 | 62.7 | 62.8 | 62.8 | 62.8 | 62.8 | 62.9 | 62.9 |
| ≥ 20000 | 30.7 | 65.5 | 67.3 | 68.6 | 69.2 | 69.3 | 69.5 | 69.6 | 69.6 | 69.8 | 69.9 | 69.9 | 69.9 | 70.0 | 70.0 | 70.1 |
| ≥ 18000 | 30.8 | 65.8 | 67.6 | 69.0 | 69.5 | 69.7 | 69.9 | 69.9 | 70.0 | 70.1 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.5 |
| ≥ 16000 | 30.9 | 66.1 | 67.9 | 69.3 | 69.8 | 70.0 | 70.2 | 70.3 | 70.3 | 70.5 | 70.6 | 70.6 | 70.6 | 70.7 | 70.7 | 70.8 |
| ≥ 14000 | 31.1 | 67.2 | 69.0 | 70.4 | 71.0 | 71.1 | 71.3 | 71.4 | 71.5 | 71.6 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.9 |
| ≥ 12000 | 31.9 | 69.6 | 71.5 | 73.0 | 73.5 | 73.6 | 73.9 | 74.0 | 74.0 | 74.1 | 74.3 | 74.3 | 74.3 | 74.4 | 74.4 | 74.5 |
| ≥ 10000 | 32.6 | 71.6 | 73.6 | 75.1 | 75.7 | 75.9 | 76.3 | 76.3 | 76.4 | 76.5 | 76.6 | 76.6 | 76.7 | 76.7 | 76.8 | 76.8 |
| ≥ 9000 | 32.7 | 72.1 | 74.1 | 75.6 | 76.3 | 76.5 | 76.8 | 76.8 | 76.9 | 77.0 | 77.2 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 |
| ≥ 8000 | 33.2 | 74.2 | 76.3 | 77.8 | 78.5 | 78.6 | 79.1 | 79.1 | 79.2 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 |
| ≥ 7000 | 33.5 | 75.9 | 78.0 | 79.6 | 80.3 | 80.5 | 80.9 | 80.9 | 81.0 | 81.1 | 81.3 | 81.3 | 81.3 | 81.3 | 81.4 | 81.5 |
| ≥ 6000 | 33.8 | 77.0 | 79.3 | 80.9 | 81.6 | 81.8 | 82.2 | 82.3 | 82.4 | 82.5 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.9 |
| ≥ 5000 | 34.2 | 78.2 | 80.6 | 82.4 | 83.1 | 83.4 | 83.9 | 84.0 | 84.1 | 84.2 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 |
| ≥ 4500 | 34.4 | 78.6 | 81.1 | 82.9 | 83.6 | 83.8 | 84.3 | 84.4 | 84.5 | 84.7 | 84.8 | 84.8 | 84.9 | 84.9 | 85.0 | 85.0 |
| ≥ 4000 | 34.7 | 79.6 | 82.1 | 84.0 | 84.7 | 84.9 | 85.5 | 85.5 | 85.6 | 85.8 | 86.0 | 86.0 | 86.0 | 86.0 | 86.1 | 86.1 |
| ≥ 3500 | 34.8 | 80.1 | 82.7 | 84.5 | 85.3 | 85.5 | 86.0 | 86.1 | 86.2 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.7 |
| ≥ 3000 | 35.1 | 81.3 | 83.9 | 85.7 | 86.6 | 86.8 | 87.4 | 87.5 | 87.6 | 87.8 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 |
| ≥ 2500 | 35.4 | 82.0 | 84.6 | 86.5 | 87.4 | 87.6 | 88.2 | 88.3 | 88.5 | 88.6 | 88.8 | 88.8 | 88.8 | 88.9 | 88.9 | 89.0 |
| ≥ 2000 | 35.4 | 82.8 | 85.5 | 87.4 | 88.4 | 88.6 | 89.2 | 89.4 | 89.5 | 89.7 | 89.9 | 89.9 | 89.9 | 90.0 | 90.0 | 90.1 |
| ≥ 1800 | 35.6 | 83.2 | 85.9 | 87.8 | 88.8 | 89.1 | 89.7 | 89.9 | 90.0 | 90.2 | 90.3 | 90.3 | 90.4 | 90.4 | 90.5 | 90.5 |
| ≥ 1500 | 35.6 | 83.8 | 86.6 | 88.7 | 89.8 | 90.0 | 90.7 | 90.9 | 91.0 | 91.2 | 91.4 | 91.4 | 91.4 | 91.5 | 91.5 | 91.6 |
| ≥ 1200 | 36.0 | 84.8 | 87.6 | 89.8 | 91.0 | 91.3 | 92.0 | 92.2 | 92.3 | 92.5 | 92.7 | 92.7 | 92.7 | 92.7 | 92.8 | 92.8 |
| ≥ 1000 | 36.2 | 85.6 | 88.6 | 90.8 | 92.1 | 92.3 | 93.0 | 93.3 | 93.4 | 93.6 | 93.8 | 93.8 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 900 | 36.3 | 86.1 | 89.2 | 91.4 | 92.7 | 92.9 | 93.6 | 93.8 | 94.0 | 94.2 | 94.3 | 94.3 | 94.4 | 94.4 | 94.5 | 94.5 |
| ≥ 800 | 36.3 | 86.9 | 90.2 | 92.5 | 93.8 | 94.0 | 94.7 | 95.0 | 95.1 | 95.3 | 95.5 | 95.5 | 95.5 | 95.5 | 95.6 | 95.7 |
| ≥ 700 | 36.4 | 87.5 | 91.0 | 93.3 | 94.6 | 94.9 | 95.6 | 95.8 | 96.0 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.5 |
| ≥ 600 | 36.4 | 88.0 | 91.5 | 93.9 | 95.1 | 95.5 | 96.3 | 96.5 | 96.7 | 96.9 | 97.2 | 97.2 | 97.2 | 97.2 | 97.3 | 97.3 |
| ≥ 500 | 36.5 | 88.4 | 92.2 | 94.6 | 96.0 | 96.3 | 97.3 | 97.6 | 97.8 | 98.1 | 98.4 | 98.4 | 98.4 | 98.5 | 98.5 | 98.6 |
| ≥ 400 | 36.5 | 88.5 | 92.4 | 94.8 | 96.2 | 96.5 | 97.5 | 97.9 | 98.0 | 98.4 | 98.7 | 98.7 | 98.7 | 98.8 | 98.8 | 98.9 |
| ≥ 300 | 36.5 | 88.5 | 92.4 | 94.8 | 96.3 | 96.7 | 97.9 | 98.3 | 98.5 | 98.9 | 99.2 | 99.2 | 99.2 | 99.3 | 99.3 | 99.4 |
| ≥ 200 | 36.5 | 88.5 | 92.4 | 94.8 | 96.3 | 96.7 | 97.9 | 98.3 | 98.6 | 99.1 | 99.3 | 99.3 | 99.5 | 99.5 | 99.6 | 99.8 |
| ≥ 100 | 36.5 | 88.5 | 92.4 | 94.8 | 96.3 | 96.7 | 97.9 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 99.9 |
| ≥ 0 | 36.5 | 88.5 | 92.4 | 94.8 | 96.3 | 96.7 | 97.9 | 98.3 | 98.6 | 99.1 | 99.4 | 99.4 | 99.5 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2599

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

SPEEDOLOG® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 32.8 | 61.8 | 62.5 | 63.1 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 20000 | 36.3 | 69.1 | 70.0 | 70.7 | 71.0 | 71.0 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 |
| ≥ 18000 | 36.5 | 69.6 | 70.5 | 71.2 | 71.6 | 71.6 | 71.7 | 71.7 | 71.7 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 | 71.8 |
| ≥ 16000 | 36.7 | 69.9 | 70.8 | 71.5 | 71.9 | 71.9 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 | 72.1 |
| ≥ 14000 | 37.0 | 71.4 | 72.4 | 73.1 | 73.4 | 73.4 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 | 73.6 |
| ≥ 12000 | 37.5 | 73.3 | 74.3 | 75.0 | 75.4 | 75.4 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.6 | 75.7 | 75.7 | 75.7 | 75.7 |
| ≥ 10000 | 38.4 | 75.6 | 76.6 | 77.4 | 77.8 | 77.8 | 78.0 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.1 | 78.2 | 78.2 | 78.2 |
| ≥ 9000 | 38.6 | 76.2 | 77.3 | 78.0 | 78.4 | 78.4 | 78.6 | 78.7 | 78.7 | 78.7 | 78.7 | 78.7 | 78.8 | 78.8 | 78.8 | 78.8 |
| ≥ 8000 | 39.0 | 78.2 | 79.3 | 80.1 | 80.5 | 80.5 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 | 81.0 | 81.0 |
| ≥ 7000 | 39.3 | 79.1 | 80.3 | 81.1 | 81.6 | 81.6 | 81.9 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.0 | 82.1 | 82.1 | 82.1 |
| ≥ 6000 | 39.6 | 80.2 | 81.5 | 82.3 | 82.8 | 82.8 | 83.1 | 83.2 | 83.2 | 83.2 | 83.2 | 83.2 | 83.3 | 83.3 | 83.3 | 83.3 |
| ≥ 5000 | 40.4 | 81.9 | 83.3 | 84.2 | 84.6 | 84.6 | 84.9 | 85.0 | 85.1 | 85.1 | 85.2 | 85.2 | 85.2 | 85.3 | 85.3 | 85.3 |
| ≥ 4500 | 40.5 | 82.1 | 83.5 | 84.3 | 84.8 | 84.8 | 85.1 | 85.2 | 85.3 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.5 |
| ≥ 4000 | 41.2 | 83.5 | 85.1 | 86.0 | 86.5 | 86.5 | 86.9 | 86.9 | 87.0 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 3500 | 41.6 | 84.9 | 86.5 | 87.5 | 88.0 | 88.0 | 88.4 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.7 | 88.8 | 88.8 | 88.8 |
| ≥ 3000 | 42.1 | 86.2 | 87.9 | 88.9 | 89.4 | 89.4 | 89.9 | 90.0 | 90.1 | 90.1 | 90.1 | 90.1 | 90.2 | 90.3 | 90.3 | 90.3 |
| ≥ 2500 | 42.3 | 87.0 | 88.7 | 89.7 | 90.4 | 90.4 | 90.9 | 91.0 | 91.1 | 91.2 | 91.2 | 91.2 | 91.3 | 91.4 | 91.4 | 91.4 |
| ≥ 2000 | 42.6 | 88.1 | 89.8 | 91.0 | 91.6 | 91.7 | 92.2 | 92.3 | 92.4 | 92.5 | 92.5 | 92.5 | 92.6 | 92.7 | 92.7 | 92.7 |
| ≥ 1800 | 42.8 | 88.4 | 90.2 | 91.4 | 92.0 | 92.1 | 92.6 | 92.7 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 |
| ≥ 1500 | 43.2 | 89.5 | 91.3 | 92.5 | 93.3 | 93.3 | 93.8 | 93.9 | 94.0 | 94.1 | 94.1 | 94.1 | 94.2 | 94.3 | 94.3 | 94.3 |
| ≥ 1200 | 43.5 | 90.1 | 92.1 | 93.3 | 94.1 | 94.2 | 94.7 | 94.8 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 | 95.2 | 95.2 |
| ≥ 1000 | 43.9 | 91.2 | 93.3 | 94.5 | 95.4 | 95.5 | 96.1 | 96.2 | 96.3 | 96.3 | 96.4 | 96.4 | 96.5 | 96.6 | 96.6 | 96.6 |
| ≥ 900 | 43.9 | 91.6 | 93.8 | 95.0 | 95.9 | 96.1 | 96.6 | 96.8 | 96.8 | 97.0 | 97.1 | 97.1 | 97.2 | 97.3 | 97.3 | 97.3 |
| ≥ 800 | 44.0 | 92.1 | 94.4 | 95.6 | 96.5 | 96.7 | 97.3 | 97.4 | 97.5 | 97.6 | 97.7 | 97.7 | 97.8 | 97.9 | 97.9 | 97.9 |
| ≥ 700 | 44.0 | 92.3 | 94.7 | 96.0 | 96.9 | 97.0 | 97.6 | 97.7 | 97.8 | 98.0 | 98.1 | 98.2 | 98.3 | 98.3 | 98.3 | 98.3 |
| ≥ 600 | 44.0 | 92.3 | 94.9 | 96.2 | 97.2 | 97.3 | 98.0 | 98.1 | 98.3 | 98.5 | 98.7 | 98.7 | 98.8 | 98.9 | 98.9 | 98.9 |
| ≥ 500 | 44.0 | 92.4 | 95.0 | 96.3 | 97.4 | 97.6 | 98.4 | 98.7 | 98.9 | 99.2 | 99.3 | 99.3 | 99.4 | 99.5 | 99.5 | 99.5 |
| ≥ 400 | 44.0 | 92.4 | 95.0 | 96.3 | 97.5 | 97.7 | 98.5 | 98.8 | 99.0 | 99.4 | 99.6 | 99.6 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 300 | 44.0 | 92.4 | 95.0 | 96.3 | 97.5 | 97.7 | 98.5 | 98.9 | 99.1 | 99.4 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 |
| ≥ 200 | 44.0 | 92.4 | 95.0 | 96.3 | 97.5 | 97.7 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 99.9 |
| ≥ 100 | 44.0 | 92.4 | 95.0 | 96.3 | 97.5 | 97.7 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |
| ≥ 0 | 44.0 | 92.4 | 95.0 | 96.3 | 97.5 | 97.7 | 98.5 | 98.9 | 99.1 | 99.5 | 99.7 | 99.7 | 99.8 | 99.9 | 100.0 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2594

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATIO) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YE) NOV (MONTH)

1500-1700 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 29.9 | 59.4 | 60.6 | 61.0 | 61.5 | 61.6 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.7 | 61.8 | 61.8 |
| ≥ 20000 | 34.3 | 68.9 | 70.5 | 71.1 | 71.7 | 71.8 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.0 | 72.1 | 72.1 |
| ≥ 18000 | 34.5 | 69.1 | 70.7 | 71.4 | 71.9 | 72.1 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.2 | 72.3 | 72.3 |
| ≥ 16600 | 34.5 | 69.5 | 71.1 | 71.7 | 72.3 | 72.4 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.7 | 72.7 |
| ≥ 14000 | 35.1 | 70.7 | 72.3 | 73.0 | 73.6 | 73.7 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 | 73.9 |
| ≥ 12000 | 36.0 | 72.8 | 74.4 | 75.1 | 75.7 | 75.8 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.0 | 76.1 | 76.1 |
| ≥ 10000 | 37.0 | 75.1 | 76.8 | 77.6 | 78.2 | 78.3 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 | 78.5 |
| ≥ 9000 | 37.4 | 76.2 | 77.8 | 78.6 | 79.2 | 79.3 | 79.5 | 79.5 | 79.5 | 79.5 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 | 79.6 |
| ≥ 8000 | 37.8 | 77.9 | 79.8 | 80.7 | 81.3 | 81.4 | 81.6 | 81.6 | 81.6 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 7000 | 38.4 | 79.0 | 80.8 | 81.8 | 82.3 | 82.5 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 | 82.8 | 82.8 | 82.8 | 82.9 | 82.9 |
| ≥ 6000 | 38.8 | 80.5 | 82.4 | 83.4 | 84.0 | 84.1 | 84.3 | 84.3 | 84.3 | 84.3 | 84.4 | 84.4 | 84.4 | 84.4 | 84.5 | 84.5 |
| ≥ 5000 | 39.7 | 82.5 | 84.5 | 85.4 | 86.0 | 86.2 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.5 | 86.5 | 86.5 | 86.7 | 86.7 |
| ≥ 4500 | 39.9 | 83.1 | 85.1 | 86.0 | 86.7 | 86.8 | 87.0 | 87.0 | 87.0 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.3 | 87.3 |
| ≥ 4000 | 40.2 | 84.4 | 86.5 | 87.5 | 88.1 | 88.2 | 88.5 | 88.5 | 88.5 | 88.6 | 88.6 | 88.6 | 88.6 | 88.6 | 88.8 | 88.8 |
| ≥ 3500 | 40.6 | 85.5 | 87.6 | 88.6 | 89.2 | 89.4 | 89.6 | 89.6 | 89.6 | 89.7 | 89.7 | 89.7 | 89.7 | 89.7 | 89.9 | 89.9 |
| ≥ 3000 | 41.0 | 86.7 | 88.8 | 89.9 | 90.5 | 90.6 | 90.9 | 90.9 | 90.9 | 91.0 | 91.0 | 91.0 | 91.0 | 91.0 | 91.2 | 91.2 |
| ≥ 2500 | 41.2 | 87.2 | 89.4 | 90.5 | 91.2 | 91.3 | 91.6 | 91.6 | 91.6 | 91.7 | 91.7 | 91.7 | 91.7 | 91.7 | 91.9 | 91.9 |
| ≥ 2000 | 41.6 | 88.1 | 90.5 | 91.6 | 92.4 | 92.5 | 92.8 | 92.8 | 92.8 | 92.9 | 92.9 | 92.9 | 93.0 | 93.0 | 93.1 | 93.1 |
| ≥ 1800 | 41.7 | 88.3 | 90.7 | 91.9 | 92.6 | 92.7 | 93.0 | 93.0 | 93.1 | 93.1 | 93.2 | 93.2 | 93.2 | 93.2 | 93.4 | 93.4 |
| ≥ 1500 | 41.8 | 89.1 | 91.6 | 92.8 | 93.5 | 93.7 | 94.1 | 94.1 | 94.2 | 94.3 | 94.4 | 94.4 | 94.4 | 94.4 | 94.6 | 94.6 |
| ≥ 1200 | 41.9 | 90.1 | 92.7 | 93.9 | 94.8 | 94.9 | 95.4 | 95.5 | 95.5 | 95.6 | 95.7 | 95.7 | 95.8 | 95.8 | 95.9 | 95.9 |
| ≥ 1000 | 42.1 | 90.9 | 93.5 | 94.9 | 95.8 | 96.0 | 96.5 | 96.5 | 96.6 | 96.7 | 96.8 | 96.8 | 96.8 | 96.8 | 97.0 | 97.0 |
| ≥ 900 | 42.1 | 91.1 | 93.6 | 95.0 | 95.9 | 96.1 | 96.6 | 96.6 | 96.7 | 96.9 | 97.0 | 97.0 | 97.1 | 97.1 | 97.2 | 97.2 |
| ≥ 800 | 42.2 | 91.4 | 93.9 | 95.4 | 96.3 | 96.5 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.4 | 97.5 | 97.5 | 97.6 | 97.6 |
| ≥ 700 | 42.2 | 91.4 | 94.0 | 95.6 | 96.5 | 96.6 | 97.2 | 97.3 | 97.4 | 97.6 | 97.7 | 97.7 | 97.8 | 97.8 | 98.0 | 98.0 |
| ≥ 600 | 42.2 | 91.6 | 94.2 | 95.8 | 96.6 | 96.8 | 97.4 | 97.6 | 97.6 | 97.9 | 98.1 | 98.1 | 98.2 | 98.2 | 98.3 | 98.3 |
| ≥ 500 | 42.2 | 91.6 | 94.3 | 96.0 | 97.0 | 97.1 | 97.8 | 98.1 | 98.2 | 98.6 | 98.8 | 98.8 | 98.9 | 98.9 | 99.1 | 99.1 |
| ≥ 400 | 42.2 | 91.7 | 94.4 | 96.1 | 97.2 | 97.4 | 98.1 | 98.4 | 98.5 | 98.8 | 99.1 | 99.1 | 99.2 | 99.2 | 99.3 | 99.3 |
| ≥ 300 | 42.2 | 91.7 | 94.4 | 96.1 | 97.2 | 97.5 | 98.2 | 98.5 | 98.6 | 99.1 | 99.3 | 99.3 | 99.4 | 99.4 | 99.6 | 99.6 |
| ≥ 200 | 42.2 | 91.7 | 94.4 | 96.2 | 97.2 | 97.5 | 98.3 | 98.6 | 98.7 | 99.2 | 99.5 | 99.5 | 99.6 | 99.6 | 99.8 | 99.8 |
| ≥ 100 | 42.2 | 91.7 | 94.4 | 96.2 | 97.2 | 97.5 | 98.3 | 98.6 | 98.7 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |
| ≥ 0 | 42.2 | 91.7 | 94.4 | 96.2 | 97.2 | 97.5 | 98.3 | 98.6 | 98.7 | 99.2 | 99.5 | 99.5 | 99.7 | 99.7 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2594

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

1800-2000 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.4 | 60.1 | 63.3 | 64.9 | 66.1 | 66.2 | 66.6 | 66.8 | 66.8 | 67.1 | 67.1 | 67.1 | 67.3 | 67.3 | 67.4 | 67.4 |
| ≥ 20000 | 23.6 | 65.0 | 68.5 | 70.1 | 71.5 | 71.6 | 72.1 | 72.3 | 72.3 | 72.5 | 72.6 | 72.6 | 72.8 | 72.8 | 72.9 | 72.9 |
| ≥ 18000 | 23.7 | 65.4 | 68.8 | 70.5 | 71.9 | 71.9 | 72.4 | 72.6 | 72.7 | 72.9 | 73.0 | 73.0 | 73.1 | 73.2 | 73.3 | 73.3 |
| ≥ 16000 | 23.7 | 65.6 | 69.1 | 70.7 | 72.1 | 72.2 | 72.7 | 72.9 | 72.9 | 73.1 | 73.2 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 |
| ≥ 14000 | 24.0 | 66.9 | 70.4 | 72.1 | 73.5 | 73.6 | 74.1 | 74.3 | 74.3 | 74.5 | 74.6 | 74.6 | 74.8 | 74.8 | 74.9 | 74.9 |
| ≥ 12000 | 24.7 | 69.0 | 72.5 | 74.2 | 75.7 | 75.7 | 76.2 | 76.4 | 76.5 | 76.7 | 76.8 | 76.8 | 77.0 | 77.0 | 77.1 | 77.1 |
| ≥ 10000 | 24.9 | 71.1 | 74.8 | 76.5 | 77.9 | 78.0 | 78.5 | 78.7 | 78.8 | 79.0 | 79.1 | 79.1 | 79.3 | 79.3 | 79.4 | 79.4 |
| ≥ 9000 | 25.2 | 72.0 | 75.7 | 77.5 | 78.9 | 79.0 | 79.5 | 79.7 | 79.7 | 80.0 | 80.0 | 80.0 | 80.2 | 80.3 | 80.3 | 80.3 |
| ≥ 8000 | 25.7 | 73.5 | 77.2 | 79.1 | 80.5 | 80.6 | 81.1 | 81.3 | 81.3 | 81.5 | 81.6 | 81.6 | 81.8 | 81.8 | 81.9 | 81.9 |
| ≥ 7000 | 26.2 | 75.1 | 78.9 | 80.8 | 82.3 | 82.4 | 82.9 | 83.1 | 83.2 | 83.4 | 83.5 | 83.5 | 83.7 | 83.7 | 83.9 | 83.9 |
| ≥ 6000 | 26.3 | 75.8 | 79.9 | 81.8 | 83.2 | 83.3 | 83.9 | 84.1 | 84.1 | 84.4 | 84.4 | 84.4 | 84.6 | 84.7 | 84.8 | 84.9 |
| ≥ 5000 | 26.7 | 76.7 | 80.9 | 82.8 | 84.3 | 84.4 | 85.0 | 85.2 | 85.3 | 85.5 | 85.6 | 85.6 | 85.8 | 85.8 | 86.0 | 86.0 |
| ≥ 4500 | 26.9 | 77.2 | 81.4 | 83.3 | 84.9 | 84.9 | 85.6 | 85.8 | 85.8 | 86.0 | 86.1 | 86.1 | 86.3 | 86.3 | 86.5 | 86.5 |
| ≥ 4000 | 27.2 | 78.8 | 83.1 | 85.2 | 86.7 | 86.8 | 87.4 | 87.6 | 87.7 | 87.9 | 88.0 | 88.0 | 88.2 | 88.2 | 88.4 | 88.4 |
| ≥ 3500 | 27.4 | 79.5 | 83.9 | 86.0 | 87.5 | 87.6 | 88.2 | 88.4 | 88.5 | 88.7 | 88.8 | 88.8 | 89.0 | 89.0 | 89.2 | 89.2 |
| ≥ 3000 | 27.6 | 80.5 | 85.0 | 87.1 | 88.7 | 88.8 | 89.4 | 89.6 | 89.7 | 89.9 | 90.0 | 90.0 | 90.2 | 90.2 | 90.4 | 90.4 |
| ≥ 2500 | 27.6 | 81.2 | 85.7 | 88.0 | 89.7 | 89.8 | 90.4 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 91.1 | 91.2 | 91.3 | 91.4 |
| ≥ 2000 | 27.9 | 82.4 | 87.0 | 89.4 | 91.2 | 91.3 | 91.9 | 92.1 | 92.1 | 92.4 | 92.5 | 92.5 | 92.6 | 92.7 | 92.8 | 92.9 |
| ≥ 1800 | 27.9 | 82.7 | 87.4 | 89.8 | 91.7 | 91.8 | 92.5 | 92.6 | 92.7 | 92.9 | 93.0 | 93.0 | 93.2 | 93.2 | 93.4 | 93.4 |
| ≥ 1500 | 27.9 | 83.2 | 87.9 | 90.3 | 92.3 | 92.4 | 93.1 | 93.3 | 93.3 | 93.6 | 93.7 | 93.7 | 93.9 | 93.9 | 94.1 | 94.1 |
| ≥ 1200 | 28.0 | 83.8 | 88.7 | 91.1 | 93.3 | 93.5 | 94.3 | 94.6 | 94.6 | 95.0 | 95.0 | 95.0 | 95.3 | 95.3 | 95.5 | 95.5 |
| ≥ 1000 | 28.0 | 84.4 | 89.3 | 92.0 | 94.2 | 94.4 | 95.3 | 95.5 | 95.5 | 95.9 | 96.0 | 96.0 | 96.2 | 96.2 | 96.4 | 96.4 |
| ≥ 900 | 28.0 | 84.5 | 89.4 | 92.1 | 94.3 | 94.5 | 95.4 | 95.6 | 95.7 | 96.1 | 96.2 | 96.2 | 96.4 | 96.4 | 96.6 | 96.6 |
| ≥ 800 | 28.0 | 84.6 | 89.6 | 92.3 | 94.7 | 94.9 | 95.8 | 96.1 | 96.1 | 96.5 | 96.6 | 96.6 | 96.9 | 96.9 | 97.1 | 97.1 |
| ≥ 700 | 28.0 | 84.7 | 89.7 | 92.5 | 95.0 | 95.2 | 96.2 | 96.4 | 96.5 | 96.9 | 97.0 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 |
| ≥ 600 | 28.0 | 84.7 | 89.7 | 92.5 | 95.1 | 95.3 | 96.2 | 96.4 | 96.6 | 97.0 | 97.1 | 97.1 | 97.3 | 97.4 | 97.5 | 97.6 |
| ≥ 500 | 28.0 | 84.8 | 89.9 | 92.8 | 95.7 | 95.9 | 96.9 | 97.1 | 97.3 | 97.6 | 97.8 | 97.8 | 98.0 | 98.1 | 98.2 | 98.3 |
| ≥ 400 | 28.0 | 84.9 | 90.0 | 93.0 | 95.9 | 96.1 | 97.1 | 97.3 | 97.5 | 97.9 | 98.1 | 98.2 | 98.4 | 98.5 | 98.6 | 98.6 |
| ≥ 300 | 28.0 | 85.0 | 90.2 | 93.2 | 96.2 | 96.4 | 97.5 | 97.8 | 98.0 | 98.7 | 98.9 | 98.9 | 99.2 | 99.3 | 99.4 | 99.5 |
| ≥ 200 | 28.0 | 85.0 | 90.2 | 93.2 | 96.2 | 96.4 | 97.5 | 97.9 | 98.0 | 98.7 | 98.9 | 99.0 | 99.3 | 99.3 | 99.5 | 99.6 |
| ≥ 100 | 28.0 | 85.0 | 90.2 | 93.2 | 96.2 | 96.4 | 97.6 | 97.9 | 98.1 | 98.8 | 99.0 | 99.0 | 99.4 | 99.4 | 99.7 | 99.7 |
| ≥ 0 | 28.0 | 85.0 | 90.2 | 93.2 | 96.2 | 96.4 | 97.6 | 97.9 | 98.1 | 98.8 | 99.0 | 99.0 | 99.4 | 99.4 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2584

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

MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 18.6 | 58.2 | 61.9 | 64.3 | 65.9 | 66.2 | 67.7 | 68.1 | 68.2 | 68.7 | 69.2 | 69.2 | 69.5 | 69.6 | 69.8 | 69.9 |
| ≥ 20000 | 19.4 | 61.9 | 65.8 | 68.3 | 69.9 | 70.2 | 71.7 | 72.2 | 72.3 | 72.8 | 73.3 | 73.3 | 73.6 | 73.8 | 73.9 | 74.1 |
| ≥ 18000 | 19.4 | 62.0 | 65.9 | 68.5 | 70.1 | 70.4 | 71.9 | 72.3 | 72.4 | 72.9 | 73.4 | 73.5 | 73.8 | 73.9 | 74.1 | 74.2 |
| ≥ 16000 | 19.4 | 62.3 | 66.2 | 68.7 | 70.3 | 70.6 | 72.1 | 72.6 | 72.6 | 73.1 | 73.7 | 73.7 | 74.0 | 74.1 | 74.3 | 74.5 |
| ≥ 14000 | 19.5 | 62.9 | 66.9 | 69.5 | 71.1 | 71.4 | 72.9 | 73.4 | 73.4 | 74.0 | 74.5 | 74.6 | 74.9 | 75.0 | 75.2 | 75.3 |
| ≥ 12000 | 20.0 | 64.7 | 68.7 | 71.3 | 73.0 | 73.3 | 74.8 | 75.3 | 75.3 | 75.9 | 76.5 | 76.5 | 76.8 | 76.9 | 77.1 | 77.2 |
| ≥ 10000 | 20.3 | 67.0 | 71.1 | 73.7 | 75.4 | 75.7 | 77.3 | 77.7 | 77.8 | 78.4 | 79.0 | 79.0 | 79.3 | 79.4 | 79.6 | 79.7 |
| ≥ 9000 | 20.4 | 67.9 | 71.9 | 74.6 | 76.3 | 76.6 | 78.2 | 78.6 | 78.7 | 79.3 | 79.9 | 79.9 | 80.2 | 80.3 | 80.5 | 80.6 |
| ≥ 8000 | 20.7 | 69.5 | 73.7 | 76.3 | 78.0 | 78.3 | 79.9 | 80.3 | 80.5 | 81.0 | 81.6 | 81.6 | 81.9 | 82.1 | 82.2 | 82.4 |
| ≥ 7000 | 20.9 | 71.1 | 75.3 | 77.9 | 79.7 | 80.0 | 81.6 | 82.1 | 82.2 | 82.8 | 83.3 | 83.4 | 83.7 | 83.8 | 84.0 | 84.1 |
| ≥ 6000 | 21.0 | 72.1 | 76.3 | 79.0 | 80.7 | 81.0 | 82.7 | 83.1 | 83.2 | 83.8 | 84.4 | 84.4 | 84.7 | 84.8 | 85.0 | 85.1 |
| ≥ 5000 | 21.3 | 73.2 | 77.5 | 80.2 | 82.0 | 82.4 | 84.0 | 84.4 | 84.6 | 85.2 | 85.7 | 85.8 | 86.1 | 86.2 | 86.4 | 86.5 |
| ≥ 4500 | 21.4 | 73.8 | 78.1 | 80.9 | 82.8 | 83.1 | 84.8 | 85.2 | 85.4 | 86.0 | 86.5 | 86.5 | 86.8 | 87.0 | 87.1 | 87.3 |
| ≥ 4000 | 21.7 | 75.0 | 79.4 | 82.2 | 84.2 | 84.6 | 86.3 | 86.7 | 86.8 | 87.4 | 88.0 | 88.0 | 88.3 | 88.4 | 88.6 | 88.8 |
| ≥ 3500 | 21.8 | 75.8 | 80.2 | 83.1 | 85.1 | 85.5 | 87.2 | 87.6 | 87.8 | 88.3 | 88.9 | 88.9 | 89.2 | 89.3 | 89.5 | 89.8 |
| ≥ 3000 | 22.0 | 76.5 | 80.9 | 83.8 | 85.9 | 86.3 | 88.0 | 88.4 | 88.5 | 89.1 | 89.7 | 89.7 | 90.0 | 90.1 | 90.3 | 90.5 |
| ≥ 2500 | 22.1 | 77.4 | 81.9 | 84.8 | 87.0 | 87.3 | 89.0 | 89.4 | 89.6 | 90.2 | 90.7 | 90.8 | 91.1 | 91.2 | 91.4 | 91.6 |
| ≥ 2000 | 22.3 | 78.3 | 82.9 | 86.0 | 88.1 | 88.5 | 90.3 | 90.7 | 90.9 | 91.5 | 92.0 | 92.0 | 92.4 | 92.5 | 92.7 | 92.9 |
| ≥ 1800 | 22.3 | 78.5 | 83.2 | 86.2 | 88.3 | 88.7 | 90.5 | 90.9 | 91.1 | 91.7 | 92.2 | 92.3 | 92.6 | 92.7 | 92.9 | 93.1 |
| ≥ 1500 | 22.5 | 79.2 | 83.9 | 87.0 | 89.1 | 89.5 | 91.3 | 91.7 | 91.9 | 92.5 | 93.1 | 93.1 | 93.4 | 93.5 | 93.7 | 94.0 |
| ≥ 1200 | 22.5 | 79.8 | 84.6 | 87.8 | 90.1 | 90.5 | 92.3 | 92.8 | 92.9 | 93.6 | 94.1 | 94.1 | 94.4 | 94.6 | 94.8 | 95.0 |
| ≥ 1000 | 22.5 | 80.4 | 85.3 | 88.6 | 90.9 | 91.2 | 93.1 | 93.6 | 93.7 | 94.4 | 94.9 | 95.0 | 95.3 | 95.4 | 95.6 | 95.9 |
| ≥ 900 | 22.5 | 80.6 | 85.6 | 88.9 | 91.2 | 91.5 | 93.6 | 94.0 | 94.2 | 94.8 | 95.3 | 95.4 | 95.7 | 95.8 | 96.1 | 96.3 |
| ≥ 800 | 22.5 | 80.7 | 85.7 | 89.1 | 91.4 | 91.8 | 93.8 | 94.3 | 94.4 | 95.1 | 95.6 | 95.7 | 96.0 | 96.1 | 96.3 | 96.6 |
| ≥ 700 | 22.5 | 80.7 | 85.8 | 89.3 | 91.7 | 92.1 | 94.2 | 94.7 | 94.8 | 95.4 | 96.0 | 96.1 | 96.4 | 96.5 | 96.7 | 97.0 |
| ≥ 600 | 22.5 | 80.9 | 86.1 | 89.7 | 92.1 | 92.6 | 94.6 | 95.1 | 95.3 | 95.9 | 96.4 | 96.5 | 96.8 | 96.9 | 97.1 | 97.4 |
| ≥ 500 | 22.5 | 81.0 | 86.5 | 90.3 | 92.9 | 93.3 | 95.4 | 95.9 | 96.1 | 96.7 | 97.3 | 97.3 | 97.8 | 97.9 | 98.1 | 98.3 |
| ≥ 400 | 22.5 | 81.2 | 86.6 | 90.4 | 93.0 | 93.5 | 95.6 | 96.1 | 96.3 | 97.0 | 97.5 | 97.6 | 98.0 | 98.1 | 98.4 | 98.6 |
| ≥ 300 | 22.5 | 81.2 | 86.7 | 90.5 | 93.2 | 93.7 | 95.9 | 96.4 | 96.6 | 97.4 | 97.9 | 98.0 | 98.4 | 98.5 | 98.8 | 99.0 |
| ≥ 200 | 22.5 | 81.2 | 86.7 | 90.5 | 93.3 | 93.8 | 96.1 | 96.6 | 96.8 | 97.6 | 98.2 | 98.3 | 98.7 | 98.9 | 99.2 | 99.4 |
| ≥ 100 | 22.5 | 81.2 | 86.7 | 90.5 | 93.3 | 93.8 | 96.1 | 96.6 | 96.8 | 97.6 | 98.2 | 98.3 | 98.8 | 99.0 | 99.3 | 99.7 |
| ≥ 0 | 22.5 | 81.2 | 86.7 | 90.5 | 93.3 | 93.8 | 96.1 | 96.6 | 96.8 | 97.6 | 98.3 | 98.3 | 98.8 | 99.0 | 99.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2591

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

STEREOTYPED MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

0000-0200 (HOURS (LST))

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 17.3 | 52.7 | 55.7 | 57.6 | 59.7 | 59.9 | 61.1 | 61.4 | 61.4 | 61.8 | 62.1 | 62.1 | 62.8 | 63.1 | 63.6 | 64.7 |
| ≥ 20000 | 18.0 | 55.6 | 59.0 | 61.1 | 63.2 | 63.4 | 64.5 | 64.8 | 64.9 | 65.3 | 65.6 | 65.6 | 66.3 | 66.6 | 67.1 | 68.2 |
| ≥ 18000 | 18.0 | 55.9 | 59.3 | 61.5 | 63.5 | 63.7 | 64.8 | 65.1 | 65.2 | 65.6 | 65.9 | 65.9 | 66.6 | 66.9 | 67.4 | 68.5 |
| ≥ 16000 | 18.0 | 56.1 | 59.5 | 61.7 | 63.8 | 64.0 | 65.1 | 65.4 | 65.5 | 65.9 | 66.2 | 66.2 | 66.9 | 67.1 | 67.7 | 68.8 |
| ≥ 14000 | 18.2 | 57.0 | 60.5 | 62.7 | 64.9 | 65.1 | 66.2 | 66.5 | 66.6 | 67.0 | 67.3 | 67.3 | 68.0 | 68.3 | 68.8 | 69.9 |
| ≥ 12000 | 18.6 | 58.5 | 62.0 | 64.5 | 66.7 | 66.9 | 68.0 | 68.3 | 68.4 | 68.8 | 69.1 | 69.1 | 69.8 | 70.1 | 70.6 | 71.7 |
| ≥ 10000 | 19.3 | 60.5 | 64.3 | 66.8 | 69.0 | 69.2 | 70.4 | 70.7 | 70.8 | 71.2 | 71.6 | 71.6 | 72.3 | 72.5 | 73.1 | 74.1 |
| ≥ 9000 | 19.3 | 60.8 | 64.6 | 67.1 | 69.4 | 69.6 | 70.8 | 71.1 | 71.2 | 71.6 | 71.9 | 71.9 | 72.6 | 72.9 | 73.4 | 74.5 |
| ≥ 8000 | 19.6 | 62.0 | 65.9 | 68.5 | 70.8 | 71.0 | 72.2 | 72.5 | 72.6 | 73.1 | 73.4 | 73.4 | 74.1 | 74.4 | 74.9 | 76.0 |
| ≥ 7000 | 19.8 | 63.6 | 67.6 | 70.2 | 72.7 | 72.9 | 74.1 | 74.4 | 74.5 | 75.0 | 75.4 | 75.4 | 76.1 | 76.3 | 76.9 | 77.9 |
| ≥ 6000 | 20.1 | 65.0 | 69.1 | 71.8 | 74.3 | 74.5 | 75.7 | 76.1 | 76.2 | 76.6 | 77.0 | 77.0 | 77.8 | 78.1 | 78.7 | 79.7 |
| ≥ 5000 | 20.5 | 66.2 | 70.6 | 73.3 | 75.9 | 76.1 | 77.3 | 77.7 | 77.7 | 78.2 | 78.6 | 78.6 | 79.4 | 79.6 | 80.2 | 81.3 |
| ≥ 4500 | 20.5 | 66.8 | 71.1 | 73.9 | 76.5 | 76.7 | 77.9 | 78.2 | 78.3 | 78.8 | 79.2 | 79.2 | 79.9 | 80.2 | 80.8 | 81.9 |
| ≥ 4000 | 20.6 | 67.6 | 72.2 | 75.2 | 77.9 | 78.1 | 79.4 | 79.7 | 79.8 | 80.3 | 80.7 | 80.7 | 81.4 | 81.7 | 82.3 | 83.4 |
| ≥ 3500 | 20.6 | 68.3 | 72.9 | 76.0 | 78.8 | 79.0 | 80.3 | 80.6 | 80.7 | 81.2 | 81.6 | 81.6 | 82.4 | 82.6 | 83.3 | 84.4 |
| ≥ 3000 | 20.7 | 69.3 | 74.1 | 77.4 | 80.2 | 80.4 | 81.7 | 82.0 | 82.1 | 82.6 | 83.0 | 83.0 | 83.8 | 84.1 | 84.7 | 85.8 |
| ≥ 2500 | 20.7 | 70.4 | 75.4 | 78.9 | 81.9 | 82.1 | 83.4 | 83.7 | 83.8 | 84.3 | 84.7 | 84.7 | 85.5 | 85.8 | 86.4 | 87.5 |
| ≥ 2000 | 20.9 | 71.3 | 76.3 | 80.0 | 83.1 | 83.3 | 84.6 | 84.9 | 85.0 | 85.6 | 86.0 | 86.0 | 86.8 | 87.1 | 87.7 | 88.8 |
| ≥ 1800 | 20.9 | 71.6 | 76.7 | 80.4 | 83.5 | 83.7 | 85.0 | 85.4 | 85.4 | 86.0 | 86.4 | 86.4 | 87.2 | 87.5 | 88.2 | 89.2 |
| ≥ 1500 | 20.9 | 71.9 | 77.1 | 80.9 | 84.1 | 84.3 | 85.5 | 85.9 | 86.0 | 86.7 | 87.1 | 87.1 | 87.9 | 88.2 | 88.9 | 89.9 |
| ≥ 1200 | 20.9 | 72.5 | 77.8 | 81.5 | 84.9 | 85.1 | 86.4 | 86.8 | 86.9 | 87.6 | 88.0 | 88.0 | 88.9 | 89.1 | 89.8 | 90.9 |
| ≥ 1000 | 20.9 | 73.1 | 78.6 | 82.4 | 86.0 | 86.2 | 87.7 | 88.1 | 88.2 | 89.0 | 89.5 | 89.5 | 90.3 | 90.6 | 91.2 | 92.3 |
| ≥ 900 | 20.9 | 73.4 | 78.9 | 82.8 | 86.4 | 86.6 | 88.1 | 88.5 | 88.6 | 89.5 | 90.0 | 90.0 | 90.8 | 91.1 | 91.7 | 92.8 |
| ≥ 800 | 20.9 | 73.6 | 79.2 | 83.1 | 86.7 | 87.0 | 88.5 | 89.0 | 89.0 | 90.0 | 90.5 | 90.5 | 91.3 | 91.6 | 92.2 | 93.3 |
| ≥ 700 | 20.9 | 73.8 | 79.5 | 83.5 | 87.3 | 87.6 | 89.2 | 89.6 | 89.7 | 90.7 | 91.2 | 91.2 | 92.0 | 92.3 | 93.0 | 94.0 |
| ≥ 600 | 20.9 | 74.0 | 79.8 | 83.9 | 88.1 | 88.4 | 90.0 | 90.5 | 90.6 | 91.5 | 92.0 | 92.0 | 93.0 | 93.3 | 94.0 | 95.0 |
| ≥ 500 | 20.9 | 74.1 | 79.9 | 84.2 | 88.4 | 88.6 | 90.3 | 90.8 | 90.9 | 91.8 | 92.4 | 92.4 | 93.4 | 93.7 | 94.4 | 95.5 |
| ≥ 400 | 20.9 | 74.1 | 80.4 | 84.7 | 89.0 | 89.3 | 91.3 | 91.9 | 92.0 | 93.0 | 93.5 | 93.5 | 94.5 | 94.9 | 95.6 | 96.7 |
| ≥ 300 | 20.9 | 74.1 | 80.4 | 84.8 | 89.5 | 89.7 | 91.9 | 92.5 | 92.6 | 93.6 | 94.3 | 94.3 | 95.3 | 95.7 | 96.5 | 97.6 |
| ≥ 200 | 20.9 | 74.1 | 80.4 | 84.9 | 89.7 | 90.0 | 92.2 | 92.9 | 93.0 | 94.1 | 94.9 | 94.9 | 96.0 | 96.3 | 97.2 | 98.3 |
| ≥ 100 | 20.9 | 74.1 | 80.4 | 84.9 | 89.7 | 90.0 | 92.2 | 93.0 | 93.1 | 94.4 | 95.1 | 95.2 | 96.4 | 96.8 | 97.8 | 99.0 |
| 0 | 20.9 | 74.1 | 80.4 | 84.9 | 89.7 | 90.0 | 92.2 | 93.0 | 93.1 | 94.4 | 95.2 | 95.2 | 96.4 | 96.9 | 97.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2602

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

SPEEDISET® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

0300-0500 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 14.7 | 49.3 | 52.4 | 54.7 | 56.2 | 56.5 | 57.9 | 58.3 | 58.3 | 58.8 | 59.2 | 59.2 | 59.6 | 60.0 | 60.8 | 62.1 |
| ≥ 20000 | 15.5 | 52.8 | 55.9 | 58.2 | 59.9 | 60.1 | 61.6 | 62.0 | 62.0 | 62.5 | 62.9 | 62.9 | 63.3 | 63.7 | 64.5 | 65.8 |
| ≥ 18000 | 15.6 | 53.3 | 56.5 | 58.8 | 60.4 | 60.7 | 62.1 | 62.5 | 62.6 | 63.0 | 63.4 | 63.4 | 63.8 | 64.2 | 65.0 | 66.4 |
| ≥ 16000 | 15.6 | 53.4 | 56.6 | 59.0 | 60.6 | 60.9 | 62.3 | 62.7 | 62.8 | 63.2 | 63.6 | 63.6 | 64.0 | 64.4 | 65.2 | 66.6 |
| ≥ 14000 | 15.8 | 54.1 | 57.4 | 59.9 | 61.6 | 61.8 | 63.3 | 63.7 | 63.7 | 64.2 | 64.5 | 64.5 | 65.0 | 65.4 | 66.2 | 67.5 |
| ≥ 12000 | 16.1 | 55.1 | 58.7 | 61.3 | 63.0 | 63.3 | 64.8 | 65.2 | 65.2 | 65.7 | 66.1 | 66.1 | 66.6 | 67.0 | 67.8 | 69.1 |
| ≥ 10000 | 16.7 | 57.1 | 60.9 | 63.5 | 65.3 | 65.5 | 67.0 | 67.4 | 67.4 | 67.9 | 68.4 | 68.4 | 68.8 | 69.2 | 70.0 | 71.4 |
| ≥ 9000 | 16.8 | 57.8 | 61.6 | 64.2 | 66.1 | 66.4 | 67.9 | 68.3 | 68.3 | 68.8 | 69.3 | 69.3 | 69.7 | 70.1 | 71.0 | 72.3 |
| ≥ 8000 | 17.0 | 59.2 | 63.2 | 65.9 | 67.8 | 68.1 | 69.6 | 69.9 | 70.0 | 70.6 | 71.1 | 71.1 | 71.5 | 71.9 | 72.7 | 74.1 |
| ≥ 7000 | 17.1 | 60.4 | 64.7 | 67.5 | 69.5 | 69.8 | 71.3 | 71.7 | 71.8 | 72.3 | 72.9 | 72.9 | 73.3 | 73.7 | 74.5 | 75.9 |
| ≥ 6000 | 17.3 | 61.7 | 66.2 | 69.0 | 71.1 | 71.3 | 72.9 | 73.3 | 73.3 | 73.9 | 74.4 | 74.4 | 74.9 | 75.3 | 76.1 | 77.4 |
| ≥ 5000 | 17.5 | 63.3 | 67.9 | 70.8 | 73.0 | 73.2 | 74.8 | 75.2 | 75.2 | 75.9 | 76.4 | 76.4 | 76.8 | 77.2 | 78.1 | 79.4 |
| ≥ 4500 | 17.5 | 63.9 | 68.6 | 71.5 | 73.7 | 74.0 | 75.6 | 76.0 | 76.0 | 76.6 | 77.2 | 77.2 | 77.6 | 78.0 | 78.8 | 80.2 |
| ≥ 4000 | 17.7 | 64.8 | 69.6 | 72.6 | 74.8 | 75.1 | 76.7 | 77.1 | 77.1 | 77.8 | 78.3 | 78.3 | 78.7 | 79.1 | 80.0 | 81.3 |
| ≥ 3500 | 17.7 | 65.6 | 70.4 | 73.5 | 75.9 | 76.1 | 77.8 | 78.2 | 78.3 | 78.9 | 79.4 | 79.4 | 79.8 | 80.3 | 81.1 | 82.4 |
| ≥ 3000 | 17.8 | 66.8 | 71.8 | 75.2 | 77.6 | 77.8 | 79.5 | 79.9 | 80.0 | 80.6 | 81.2 | 81.2 | 81.6 | 82.0 | 82.8 | 84.2 |
| ≥ 2500 | 17.8 | 67.5 | 72.7 | 76.1 | 78.6 | 78.8 | 80.5 | 80.9 | 81.0 | 81.6 | 82.2 | 82.2 | 82.6 | 83.0 | 83.8 | 85.2 |
| ≥ 2000 | 17.9 | 68.6 | 73.9 | 77.4 | 80.0 | 80.2 | 81.9 | 82.3 | 82.4 | 83.0 | 83.6 | 83.6 | 84.0 | 84.4 | 85.2 | 86.6 |
| ≥ 1800 | 18.0 | 69.0 | 74.3 | 77.8 | 80.3 | 80.6 | 82.3 | 82.7 | 82.8 | 83.4 | 84.0 | 84.0 | 84.4 | 84.8 | 85.6 | 87.0 |
| ≥ 1500 | 18.0 | 69.6 | 75.0 | 78.5 | 81.2 | 81.5 | 83.2 | 83.7 | 83.8 | 84.4 | 85.0 | 85.0 | 85.4 | 85.8 | 86.6 | 88.0 |
| ≥ 1200 | 18.0 | 70.3 | 75.8 | 79.4 | 82.3 | 82.5 | 84.3 | 84.9 | 85.0 | 85.6 | 86.2 | 86.2 | 86.6 | 87.1 | 87.9 | 89.2 |
| ≥ 1000 | 18.0 | 70.9 | 76.6 | 80.3 | 83.4 | 83.7 | 85.6 | 86.2 | 86.2 | 87.1 | 87.6 | 87.6 | 88.1 | 88.5 | 89.3 | 90.7 |
| ≥ 900 | 18.0 | 71.2 | 77.1 | 80.8 | 83.9 | 84.2 | 86.1 | 86.8 | 86.8 | 87.7 | 88.3 | 88.3 | 88.7 | 89.1 | 89.9 | 91.3 |
| ≥ 800 | 18.0 | 71.6 | 77.6 | 81.4 | 84.8 | 85.1 | 87.0 | 87.7 | 87.8 | 88.7 | 89.3 | 89.3 | 89.7 | 90.2 | 91.0 | 92.3 |
| ≥ 700 | 18.0 | 71.9 | 78.0 | 82.2 | 85.6 | 86.0 | 87.9 | 88.5 | 88.6 | 89.7 | 90.3 | 90.3 | 90.8 | 91.2 | 92.0 | 93.4 |
| ≥ 600 | 18.0 | 72.0 | 78.2 | 82.5 | 86.1 | 86.5 | 88.5 | 89.1 | 89.2 | 90.4 | 91.0 | 91.0 | 91.5 | 92.0 | 92.9 | 94.2 |
| ≥ 500 | 18.0 | 72.3 | 78.6 | 83.0 | 86.8 | 87.2 | 89.2 | 89.8 | 90.0 | 91.2 | 91.8 | 91.8 | 92.4 | 92.9 | 93.7 | 95.0 |
| ≥ 400 | 18.0 | 72.4 | 78.8 | 83.4 | 87.4 | 87.8 | 89.9 | 90.6 | 90.7 | 92.0 | 92.6 | 92.6 | 93.3 | 93.8 | 94.6 | 96.0 |
| ≥ 300 | 18.0 | 72.4 | 78.9 | 83.9 | 87.9 | 88.5 | 90.8 | 91.5 | 91.7 | 92.9 | 93.6 | 93.6 | 94.3 | 94.9 | 95.7 | 97.0 |
| ≥ 200 | 18.0 | 72.4 | 78.9 | 83.9 | 88.1 | 88.7 | 91.2 | 92.1 | 92.2 | 93.7 | 94.4 | 94.4 | 95.1 | 95.6 | 96.5 | 97.8 |
| ≥ 100 | 18.0 | 72.4 | 78.9 | 83.9 | 88.1 | 88.7 | 91.2 | 92.2 | 92.3 | 93.9 | 94.6 | 94.7 | 95.6 | 96.2 | 97.2 | 98.7 |
| ≥ 0 | 18.0 | 72.4 | 78.9 | 83.9 | 88.1 | 88.7 | 91.2 | 92.2 | 92.3 | 94.1 | 94.8 | 94.9 | 95.8 | 96.4 | 97.4 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2589

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

STOCKHOLM HONOR BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

0600-0800 (HOURS (LST))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | < 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 15.6 | 44.9 | 47.3 | 48.6 | 50.3 | 50.5 | 51.3 | 51.8 | 52.0 | 52.4 | 52.6 | 52.7 | 53.1 | 53.3 | 53.7 | 54.8 |
| ≥ 20000 | 17.1 | 48.9 | 51.8 | 53.3 | 55.1 | 55.3 | 56.2 | 56.9 | 57.1 | 57.5 | 57.8 | 57.8 | 58.3 | 58.5 | 58.9 | 60.1 |
| ≥ 18000 | 17.1 | 49.2 | 52.1 | 53.5 | 55.3 | 55.5 | 56.4 | 57.1 | 57.3 | 57.7 | 58.0 | 58.0 | 58.6 | 58.7 | 59.2 | 60.3 |
| ≥ 16000 | 17.1 | 49.2 | 52.1 | 53.6 | 55.4 | 55.6 | 56.5 | 57.2 | 57.4 | 57.8 | 58.1 | 58.1 | 58.6 | 58.8 | 59.2 | 60.4 |
| ≥ 14000 | 17.3 | 50.5 | 53.4 | 54.9 | 56.7 | 56.9 | 57.9 | 58.6 | 58.8 | 59.2 | 59.4 | 59.5 | 60.0 | 60.2 | 60.6 | 61.7 |
| ≥ 12000 | 17.8 | 52.0 | 55.1 | 56.7 | 58.6 | 58.7 | 59.7 | 60.4 | 60.6 | 61.0 | 61.3 | 61.3 | 61.8 | 62.1 | 62.5 | 63.6 |
| ≥ 10000 | 18.[illegible] | 54.1 | 57.6 | 59.3 | 61.3 | 61.5 | 62.5 | 63.1 | 63.4 | 63.8 | 64.1 | 64.1 | 64.7 | 64.9 | 65.4 | 66.6 |
| ≥ 9000 | 18.6 | 54.8 | 58.4 | 60.1 | 62.1 | 62.3 | 63.3 | 64.0 | 64.2 | 64.7 | 65.0 | 65.0 | 65.6 | 65.8 | 66.2 | 67.4 |
| ≥ 8000 | 19.1 | 56.7 | 60.8 | 62.7 | 64.8 | 65.0 | 66.1 | 66.8 | 67.1 | 67.5 | 67.8 | 67.8 | 68.4 | 68.6 | 69.1 | 70.3 |
| ≥ 7000 | 19.3 | 58.4 | 62.7 | 64.7 | 66.8 | 67.1 | 68.2 | 69.0 | 69.2 | 69.7 | 70.0 | 70.0 | 70.6 | 70.8 | 71.3 | 72.5 |
| ≥ 6000 | 19.6 | 60.0 | 64.6 | 66.5 | 68.7 | 68.9 | 70.0 | 70.8 | 71.1 | 71.6 | 71.9 | 71.9 | 72.5 | 72.7 | 73.2 | 74.4 |
| ≥ 5000 | 20.2 | 61.4 | 66.1 | 68.1 | 70.5 | 70.7 | 71.9 | 72.7 | 73.0 | 73.5 | 73.8 | 73.8 | 74.4 | 74.6 | 75.1 | 76.3 |
| ≥ 4500 | 20.2 | 61.8 | 66.5 | 68.6 | 70.9 | 71.2 | 72.3 | 73.2 | 73.5 | 74.0 | 74.3 | 74.3 | 74.9 | 75.1 | 75.6 | 76.9 |
| ≥ 4000 | 20.5 | 62.8 | 67.7 | 69.9 | 72.3 | 72.5 | 73.8 | 74.7 | 74.9 | 75.4 | 75.8 | 75.8 | 76.5 | 76.7 | 77.2 | 78.4 |
| ≥ 3500 | 21.0 | 64.0 | 69.0 | 71.2 | 73.9 | 74.1 | 75.4 | 76.3 | 76.6 | 77.1 | 77.4 | 77.5 | 78.1 | 78.3 | 78.8 | 80.1 |
| ≥ 3000 | 21.1 | 65.0 | 70.0 | 72.2 | 74.9 | 75.2 | 76.5 | 77.4 | 77.7 | 78.2 | 78.6 | 78.6 | 79.2 | 79.5 | 80.0 | 81.2 |
| ≥ 2500 | 21.3 | 65.9 | 70.9 | 73.3 | 76.1 | 76.5 | 77.8 | 78.8 | 79.1 | 79.6 | 80.0 | 80.0 | 80.6 | 80.9 | 81.3 | 82.6 |
| ≥ 2000 | 21.5 | 67.0 | 72.2 | 74.6 | 77.7 | 78.0 | 79.5 | 80.5 | 80.7 | 81.3 | 81.7 | 81.7 | 82.4 | 82.6 | 83.1 | 84.4 |
| ≥ 1800 | 21.6 | 67.1 | 72.3 | 74.8 | 78.0 | 78.3 | 79.9 | 80.9 | 81.1 | 81.7 | 82.1 | 82.1 | 82.7 | 83.0 | 83.5 | 84.7 |
| ≥ 1500 | 21.6 | 68.0 | 73.2 | 75.8 | 79.2 | 79.6 | 81.3 | 82.3 | 82.6 | 83.1 | 83.5 | 83.5 | 84.2 | 84.4 | 84.9 | 86.2 |
| ≥ 1200 | 21.6 | 68.8 | 74.2 | 76.9 | 80.4 | 80.7 | 82.5 | 83.6 | 83.9 | 84.5 | 84.9 | 84.9 | 85.6 | 85.8 | 86.3 | 87.6 |
| ≥ 1000 | 21.6 | 69.5 | 75.1 | 77.8 | 81.3 | 81.7 | 83.6 | 84.7 | 85.0 | 85.7 | 86.1 | 86.1 | 86.8 | 87.0 | 87.5 | 88.8 |
| ≥ 900 | 21.6 | 69.9 | 75.5 | 78.1 | 81.8 | 82.2 | 84.1 | 35.3 | 85.6 | 86.2 | 86.6 | 86.6 | 87.3 | 87.5 | 88.0 | 89.3 |
| ≥ 800 | 21.7 | 70.3 | 75.9 | 78.9 | 82.7 | 83.1 | 85.2 | 86.5 | 86.8 | 87.5 | 87.9 | 88.0 | 88.7 | 88.9 | 89.4 | 90.7 |
| ≥ 700 | 21.7 | 70.6 | 76.6 | 79.7 | 83.6 | 84.0 | 86.1 | 87.5 | 87.8 | 88.5 | 88.9 | 89.0 | 89.6 | 89.9 | 90.4 | 91.6 |
| ≥ 600 | 21.8 | 71.0 | 77.2 | 80.4 | 84.6 | 85.2 | 87.3 | 88.8 | 89.1 | 89.9 | 90.3 | 90.3 | 91.0 | 91.2 | 91.7 | 93.0 |
| ≥ 500 | 21.8 | 71.2 | 77.5 | 81.0 | 85.2 | 85.8 | 88.0 | 89.4 | 89.8 | 90.6 | 91.0 | 91.0 | 91.7 | 91.9 | 92.4 | 93.7 |
| ≥ 400 | 21.8 | 71.3 | 77.7 | 81.2 | 85.7 | 86.3 | 88.7 | 90.2 | 90.5 | 91.5 | 91.9 | 91.9 | 92.7 | 92.9 | 93.4 | 94.6 |
| ≥ 300 | 21.8 | 71.4 | 77.9 | 81.5 | 86.2 | 86.8 | 89.5 | 91.3 | 91.7 | 92.8 | 93.3 | 93.3 | 94.2 | 94.4 | 95.0 | 96.3 |
| ≥ 200 | 21.8 | 71.4 | 77.9 | 81.5 | 86.2 | 86.9 | 89.6 | 91.5 | 91.9 | 93.2 | 93.9 | 93.9 | 94.8 | 95.1 | 95.8 | 97.2 |
| ≥ 100 | 21.8 | 71.4 | 77.9 | 81.5 | 86.3 | 86.9 | 89.7 | 91.6 | 92.1 | 93.4 | 94.1 | 94.2 | 95.3 | 95.6 | 96.8 | 98.6 |
| 0 | 21.8 | 71.4 | 77.9 | 81.5 | 86.3 | 86.9 | 89.7 | 91.6 | 92.1 | 93.4 | 94.2 | 94.3 | 95.5 | 95.9 | 97.1 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2654

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

SPEEDIFOR® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

0900-1100 (HOURS LST)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 22.9 | 48.2 | 50.3 | 51.1 | 52.0 | 52.1 | 52.2 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.3 | 52.5 | 52.6 |
| ≥ 20000 | 25.5 | 54.4 | 56.7 | 57.7 | 58.8 | 58.8 | 58.9 | 59.0 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.1 | 59.4 | 59.4 |
| ≥ 18000 | 25.7 | 55.1 | 57.4 | 58.4 | 59.4 | 59.5 | 59.6 | 59.7 | 59.7 | 59.7 | 59.7 | 59.7 | 59.8 | 59.8 | 60.0 | 60.1 |
| > 16000 | 25.8 | 55.5 | 57.9 | 58.9 | 60.0 | 60.0 | 60.2 | 60.2 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.3 | 60.6 | 60.6 |
| ≥ 14000 | 26.1 | 56.7 | 59.1 | 60.1 | 61.2 | 61.2 | 61.4 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.5 | 61.8 | 61.8 |
| > 12000 | 26.6 | 58.5 | 61.0 | 62.1 | 63.3 | 63.3 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.9 | 63.9 |
| ≥ 10000 | 27.5 | 61.0 | 63.6 | 64.8 | 66.0 | 66.0 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.6 | 66.6 |
| ≥ 9000 | 27.7 | 61.8 | 64.6 | 65.8 | 67.0 | 67.1 | 67.2 | 67.3 | 67.3 | 67.3 | 67.3 | 67.3 | 67.4 | 67.4 | 67.6 | 67.7 |
| ≥ 8000 | 28.3 | 63.9 | 67.0 | 68.4 | 69.7 | 69.9 | 70.2 | 70.3 | 70.3 | 70.3 | 70.3 | 70.3 | 70.4 | 70.4 | 70.7 | 70.7 |
| ≥ 7000 | 28.7 | 65.7 | 68.8 | 70.3 | 71.8 | 72.0 | 72.4 | 72.5 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.6 | 72.9 | 72.9 |
| ≥ 6000 | 29.3 | 67.8 | 71.0 | 72.5 | 74.0 | 74.2 | 74.6 | 74.7 | 74.7 | 74.7 | 74.7 | 74.7 | 74.8 | 74.8 | 75.1 | 75.1 |
| ≥ 5000 | 30.0 | 69.3 | 72.6 | 74.2 | 75.8 | 75.9 | 76.3 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.8 | 76.9 |
| ≥ 4500 | 30.1 | 69.7 | 72.9 | 74.6 | 76.1 | 76.4 | 76.8 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.1 | 77.1 | 77.3 | 77.4 |
| ≥ 4000 | 30.4 | 70.8 | 74.2 | 75.9 | 77.5 | 77.8 | 78.1 | 78.3 | 78.3 | 78.3 | 78.3 | 78.3 | 78.4 | 78.4 | 78.7 | 78.7 |
| ≥ 3500 | 31.0 | 72.0 | 75.5 | 77.3 | 78.9 | 79.2 | 79.6 | 79.7 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 79.8 | 80.1 | 80.1 |
| ≥ 3000 | 31.2 | 72.7 | 76.3 | 78.1 | 79.7 | 80.0 | 80.5 | 80.7 | 80.7 | 80.7 | 80.8 | 80.8 | 80.8 | 80.8 | 81.1 | 81.1 |
| ≥ 2500 | 31.3 | 73.4 | 77.1 | 79.1 | 80.8 | 81.1 | 81.6 | 81.8 | 81.8 | 81.8 | 81.9 | 81.9 | 81.9 | 81.9 | 82.2 | 82.3 |
| ≥ 2000 | 31.7 | 74.9 | 78.7 | 80.7 | 82.5 | 82.8 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 84.1 | 84.1 |
| ≥ 1800 | 31.7 | 75.3 | 79.1 | 81.2 | 83.2 | 83.5 | 84.1 | 84.3 | 84.4 | 84.4 | 84.5 | 84.5 | 84.6 | 84.6 | 84.9 | 84.9 |
| ≥ 1500 | 32.0 | 76.5 | 80.4 | 82.6 | 84.7 | 85.0 | 85.8 | 86.0 | 86.1 | 86.1 | 86.1 | 86.1 | 86.2 | 86.2 | 86.5 | 86.6 |
| ≥ 1200 | 32.1 | 77.4 | 81.4 | 83.7 | 85.8 | 86.2 | 87.0 | 87.2 | 87.3 | 87.3 | 87.4 | 87.4 | 87.5 | 87.5 | 87.8 | 87.9 |
| ≥ 1000 | 32.2 | 78.0 | 82.3 | 84.8 | 87.1 | 87.5 | 88.4 | 88.7 | 88.8 | 88.8 | 88.8 | 88.8 | 89.1 | 89.1 | 89.4 | 89.4 |
| ≥ 900 | 32.2 | 78.4 | 82.7 | 85.3 | 87.7 | 88.1 | 89.0 | 89.3 | 89.3 | 89.4 | 89.5 | 89.5 | 89.7 | 89.7 | 90.0 | 90.0 |
| ≥ 800 | 32.2 | 79.0 | 83.5 | 86.2 | 88.8 | 89.3 | 90.3 | 90.6 | 90.6 | 90.9 | 90.9 | 90.9 | 91.1 | 91.1 | 91.4 | 91.4 |
| ≥ 700 | 32.3 | 79.4 | 84.2 | 87.0 | 89.6 | 90.1 | 91.1 | 91.6 | 91.6 | 91.8 | 91.9 | 91.9 | 92.1 | 92.1 | 92.4 | 92.4 |
| ≥ 600 | 32.4 | 80.0 | 84.9 | 88.0 | 90.9 | 91.4 | 92.6 | 93.1 | 93.2 | 93.5 | 93.5 | 93.5 | 93.7 | 93.7 | 94.0 | 94.0 |
| ≥ 500 | 32.4 | 80.4 | 85.5 | 88.7 | 92.0 | 92.5 | 93.8 | 94.4 | 94.5 | 94.8 | 94.8 | 94.8 | 95.1 | 95.1 | 95.4 | 95.4 |
| ≥ 400 | 32.5 | 80.5 | 85.7 | 89.0 | 92.5 | 93.1 | 94.7 | 95.5 | 95.6 | 96.0 | 96.2 | 96.2 | 96.5 | 96.5 | 96.8 | 96.8 |
| ≥ 300 | 32.5 | 80.6 | 85.8 | 89.3 | 92.9 | 93.5 | 95.3 | 96.2 | 96.4 | 97.1 | 97.3 | 97.3 | 97.8 | 97.8 | 98.1 | 98.3 |
| ≥ 200 | 32.5 | 80.6 | 85.8 | 89.3 | 92.9 | 93.5 | 95.4 | 96.2 | 96.5 | 97.2 | 97.6 | 97.6 | 98.2 | 98.3 | 98.7 | 98.9 |
| ≥ 100 | 32.5 | 80.6 | 85.8 | 89.3 | 92.9 | 93.5 | 95.4 | 96.2 | 96.5 | 97.3 | 97.7 | 97.7 | 98.4 | 98.5 | 99.1 | 99.4 |
| ≥ 0 | 32.5 | 80.6 | 85.8 | 89.3 | 92.9 | 93.5 | 95.4 | 96.2 | 96.5 | 97.4 | 97.7 | 97.7 | 98.5 | 98.6 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2689

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

SYSTEMS® MOORE BUSINESS FORMS, INC.

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 STATION | NYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400 HOURS (LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 26.0 | 51.9 | 52.8 | 53.2 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 | 53.6 |
| ≥ 20000 | 30.8 | 60.6 | 61.6 | 62.1 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 | 62.4 |
| ≥ 18000 | 31.0 | 61.3 | 62.4 | 62.9 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 | 63.3 |
| ≥ 16000 | 31.1 | 61.7 | 62.8 | 63.3 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 |
| ≥ 14000 | 31.4 | 62.3 | 63.5 | 63.9 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 | 64.3 |
| ≥ 12000 | 32.0 | 64.6 | 65.9 | 66.5 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 | 66.8 |
| ≥ 10000 | 32.8 | 67.1 | 68.6 | 69.3 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 | 69.6 |
| ≥ 9000 | 33.0 | 67.9 | 69.5 | 70.1 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 | 70.5 |
| ≥ 8000 | 33.4 | 69.8 | 71.6 | 72.3 | 72.8 | 72.9 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 | 73.0 |
| ≥ 7000 | 33.6 | 71.3 | 73.2 | 74.1 | 74.6 | 74.7 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 | 74.8 |
| ≥ 6000 | 34.4 | 73.1 | 75.2 | 76.1 | 76.7 | 76.9 | 76.9 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| ≥ 5000 | 34.8 | 74.4 | 76.6 | 77.7 | 78.4 | 78.5 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 | 78.6 |
| ≥ 4500 | 35.0 | 74.9 | 77.1 | 78.2 | 78.9 | 79.0 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 | 79.1 |
| ≥ 4000 | 35.3 | 76.0 | 78.3 | 79.5 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 | 80.4 |
| ≥ 3500 | 35.7 | 77.0 | 79.5 | 80.6 | 81.4 | 81.6 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 | 81.7 |
| ≥ 3000 | 36.4 | 78.7 | 81.3 | 82.5 | 83.3 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 | 83.7 |
| ≥ 2500 | 36.6 | 79.7 | 82.4 | 83.7 | 84.6 | 84.7 | 84.9 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 | 85.0 |
| ≥ 2000 | 37.0 | 81.3 | 84.0 | 85.4 | 86.5 | 86.6 | 86.8 | 87.0 | 87.1 | 87.1 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 | 87.2 |
| ≥ 1800 | 37.2 | 81.7 | 84.4 | 85.8 | 86.8 | 87.0 | 87.2 | 87.5 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 | 87.6 |
| ≥ 1500 | 37.5 | 82.7 | 85.7 | 87.2 | 88.2 | 88.4 | 88.6 | 88.9 | 89.0 | 89.0 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 | 89.1 |
| ≥ 1200 | 37.8 | 84.0 | 87.2 | 88.6 | 89.9 | 90.1 | 90.3 | 90.6 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 | 90.7 |
| ≥ 1000 | 38.1 | 85.3 | 88.4 | 89.9 | 91.3 | 91.6 | 92.0 | 92.3 | 92.4 | 92.4 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 | 92.5 |
| ≥ 900 | 38.1 | 85.7 | 88.9 | 90.5 | 92.0 | 92.2 | 92.6 | 92.9 | 93.0 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 | 93.1 |
| ≥ 800 | 38.3 | 86.2 | 89.6 | 91.3 | 92.9 | 93.2 | 93.7 | 94.0 | 94.0 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 | 94.2 |
| ≥ 700 | 38.4 | 86.4 | 90.0 | 91.7 | 93.4 | 93.6 | 94.2 | 94.6 | 94.6 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 | 94.8 |
| ≥ 600 | 38.5 | 86.9 | 90.6 | 92.5 | 94.5 | 94.8 | 95.5 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 | 96.2 |
| ≥ 500 | 38.5 | 87.3 | 91.1 | 93.3 | 95.4 | 95.7 | 96.6 | 97.0 | 97.2 | 97.3 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 | 97.4 |
| ≥ 400 | 38.5 | 87.3 | 91.3 | 93.6 | 96.0 | 96.4 | 97.6 | 98.2 | 98.4 | 98.8 | 98.8 | 98.8 | 98.9 | 98.9 | 98.9 | 98.9 |
| ≥ 300 | 38.5 | 87.3 | 91.3 | 93.6 | 96.2 | 96.6 | 98.0 | 98.6 | 98.9 | 99.4 | 99.5 | 99.5 | 99.5 | 99.5 | 99.5 | 99.6 |
| ≥ 200 | 38.5 | 87.3 | 91.3 | 93.6 | 96.2 | 96.6 | 98.0 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.8 | 99.8 | 99.9 |
| ≥ 100 | 38.5 | 87.3 | 91.3 | 93.6 | 96.2 | 96.6 | 98.0 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |
| ≥ 0 | 38.5 | 87.3 | 91.3 | 93.6 | 96.2 | 96.6 | 98.0 | 98.7 | 99.0 | 99.6 | 99.7 | 99.7 | 99.8 | 99.9 | 99.9 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2687

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

1500-1700 (HOURS (L S T))

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 27.1 | 53.0 | 53.8 | 54.4 | 54.9 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.0 | 55.1 | 55.1 | 55.1 | 55.1 |
| > 20000 | 30.9 | 60.9 | 62.0 | 62.8 | 63.3 | 63.4 | 63.4 | 63.5 | 63.5 | 63.5 | 63.6 | 63.6 | 63.6 | 63.6 | 63.6 | 63.7 |
| ≥ 18000 | 31.4 | 61.8 | 63.0 | 63.7 | 64.3 | 64.4 | 64.4 | 64.5 | 64.5 | 64.5 | 64.6 | 64.6 | 64.6 | 64.6 | 64.6 | 64.7 |
| ≥ 16000 | 31.5 | 62.0 | 63.1 | 63.9 | 64.5 | 64.6 | 64.6 | 64.7 | 64.7 | 64.7 | 64.7 | 64.7 | 64.8 | 64.8 | 64.8 | 64.9 |
| ≥ 14000 | 32.2 | 63.4 | 64.6 | 65.5 | 66.0 | 66.1 | 66.2 | 66.2 | 66.2 | 66.2 | 66.3 | 66.3 | 66.3 | 66.3 | 66.3 | 66.4 |
| ≥ 12000 | 32.9 | 65.3 | 66.6 | 67.5 | 68.1 | 68.2 | 68.2 | 68.3 | 68.3 | 68.3 | 68.4 | 68.4 | 68.4 | 68.4 | 68.4 | 68.5 |
| ≥ 10000 | 33.8 | 67.9 | 69.5 | 70.4 | 71.0 | 71.1 | 71.1 | 71.2 | 71.2 | 71.2 | 71.3 | 71.3 | 71.3 | 71.3 | 71.3 | 71.4 |
| ≥ 9000 | 34.3 | 69.0 | 70.6 | 71.5 | 72.2 | 72.2 | 72.3 | 72.3 | 72.3 | 72.3 | 72.4 | 72.4 | 72.4 | 72.4 | 72.4 | 72.5 |
| ≥ 8000 | 35.0 | 70.9 | 72.6 | 73.6 | 74.3 | 74.4 | 74.5 | 74.5 | 74.5 | 74.5 | 74.6 | 74.6 | 74.6 | 74.6 | 74.6 | 74.7 |
| ≥ 7000 | 35.2 | 72.5 | 74.3 | 75.5 | 76.2 | 76.4 | 76.4 | 76.5 | 76.5 | 76.5 | 76.5 | 76.5 | 76.6 | 76.6 | 76.6 | 76.6 |
| ≥ 6000 | 35.6 | 73.6 | 75.5 | 76.7 | 77.6 | 77.7 | 77.8 | 77.9 | 77.9 | 77.9 | 78.0 | 78.0 | 78.0 | 78.0 | 78.0 | 78.1 |
| ≥ 5000 | 36.5 | 75.6 | 77.8 | 79.0 | 80.0 | 80.2 | 80.3 | 80.4 | 80.4 | 80.4 | 80.5 | 80.5 | 80.5 | 80.5 | 80.5 | 80.6 |
| ≥ 4500 | 36.6 | 75.9 | 78.2 | 79.4 | 80.4 | 80.5 | 80.7 | 80.8 | 80.8 | 80.8 | 80.9 | 80.9 | 80.9 | 80.9 | 80.9 | 81.0 |
| ≥ 4000 | 37.0 | 77.5 | 79.9 | 81.2 | 82.2 | 82.3 | 82.5 | 82.6 | 82.6 | 82.6 | 82.7 | 82.7 | 82.7 | 82.7 | 82.7 | 82.8 |
| ≥ 3500 | 37.3 | 78.4 | 80.8 | 82.2 | 83.2 | 83.4 | 83.6 | 83.7 | 83.7 | 83.7 | 83.8 | 83.8 | 83.8 | 83.8 | 83.8 | 83.9 |
| ≥ 3000 | 37.7 | 79.9 | 82.4 | 83.8 | 84.9 | 85.1 | 85.3 | 85.4 | 85.4 | 85.4 | 85.5 | 85.5 | 85.6 | 85.6 | 85.6 | 85.6 |
| ≥ 2500 | 38.0 | 80.5 | 83.1 | 84.5 | 85.7 | 85.9 | 86.3 | 86.4 | 86.4 | 86.4 | 86.5 | 86.5 | 86.6 | 86.6 | 86.6 | 86.6 |
| ≥ 2000 | 38.2 | 81.5 | 84.1 | 85.7 | 87.1 | 87.3 | 87.8 | 88.0 | 88.0 | 88.0 | 88.1 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 |
| ≥ 1800 | 38.3 | 81.6 | 84.2 | 85.8 | 87.2 | 87.5 | 88.0 | 88.1 | 88.2 | 88.2 | 88.2 | 88.2 | 88.3 | 88.3 | 88.3 | 88.3 |
| ≥ 1500 | 38.6 | 82.7 | 85.4 | 87.1 | 88.6 | 88.9 | 89.5 | 89.7 | 89.7 | 89.8 | 89.8 | 89.8 | 89.9 | 89.9 | 89.9 | 89.9 |
| ≥ 1200 | 38.7 | 83.6 | 86.4 | 88.3 | 89.9 | 90.2 | 90.8 | 91.0 | 91.1 | 91.2 | 91.3 | 91.3 | 91.4 | 91.4 | 91.4 | 91.4 |
| ≥ 1000 | 38.8 | 84.3 | 87.5 | 89.4 | 91.2 | 91.5 | 92.3 | 92.5 | 92.6 | 92.8 | 92.9 | 92.9 | 93.0 | 93.0 | 93.0 | 93.0 |
| ≥ 900 | 38.9 | 84.6 | 87.9 | 89.9 | 91.7 | 92.0 | 92.9 | 93.1 | 93.2 | 93.4 | 93.4 | 93.5 | 93.6 | 93.6 | 93.6 | 93.6 |
| ≥ 800 | 38.9 | 84.9 | 88.3 | 90.3 | 92.3 | 92.7 | 93.6 | 94.0 | 94.0 | 94.3 | 94.3 | 94.4 | 94.5 | 94.5 | 94.5 | 94.6 |
| ≥ 700 | 39.0 | 85.0 | 88.5 | 90.7 | 92.8 | 93.1 | 94.2 | 94.5 | 94.6 | 94.9 | 94.9 | 95.0 | 95.1 | 95.1 | 95.1 | 95.2 |
| ≥ 600 | 39.1 | 85.3 | 88.9 | 91.1 | 93.5 | 93.9 | 95.2 | 95.6 | 95.6 | 95.9 | 96.0 | 96.1 | 96.2 | 96.2 | 96.2 | 96.3 |
| ≥ 500 | 39.1 | 85.6 | 89.3 | 91.7 | 94.3 | 94.6 | 96.0 | 96.5 | 96.7 | 97.1 | 97.3 | 97.3 | 97.5 | 97.5 | 97.5 | 97.6 |
| ≥ 400 | 39.1 | 85.6 | 89.4 | 91.8 | 94.6 | 94.9 | 96.5 | 97.2 | 97.4 | 97.8 | 98.0 | 98.1 | 98.3 | 98.3 | 98.3 | 98.4 |
| ≥ 300 | 39.1 | 85.7 | 89.5 | 91.9 | 94.8 | 95.2 | 96.9 | 97.6 | 97.8 | 98.4 | 98.5 | 98.6 | 98.8 | 98.8 | 98.9 | 99.0 |
| ≥ 200 | 39.1 | 85.7 | 89.5 | 92.0 | 94.8 | 95.2 | 97.0 | 97.8 | 98.0 | 98.5 | 98.8 | 98.9 | 99.3 | 99.3 | 99.4 | 99.5 |
| ≥ 100 | 39.1 | 85.7 | 89.5 | 92.0 | 94.8 | 95.2 | 97.0 | 97.8 | 98.1 | 98.7 | 99.0 | 99.0 | 99.6 | 99.6 | 99.7 | 99.9 |
| 0 | 39.1 | 85.7 | 89.5 | 92.0 | 94.8 | 95.2 | 97.0 | 97.8 | 98.1 | 98.7 | 99.0 | 99.0 | 99.6 | 99.6 | 99.7 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2686

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

STEGERS ® MOORE BUSINESS FORMS INC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

## PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1800-2000 (HOURS, LST)

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ½ | ≥ ¼ | ≥ 5/16 | ≥ ⅛ | ≥ 0 |
| NO CEILING | 22.3 | 54.9 | 56.4 | 58.1 | 59.2 | 59.4 | 59.7 | 59.8 | 59.8 | 60.1 | 60.3 | 60.3 | 60.3 | 60.3 | 60.4 | 60.4 |
| ≥ 20000 | 24.0 | 59.4 | 61.2 | 63.1 | 64.2 | 64.4 | 64.7 | 64.8 | 64.8 | 65.1 | 65.3 | 65.3 | 65.4 | 65.4 | 65.5 | 65.6 |
| ≥ 18000 | 24.2 | 59.8 | 61.6 | 63.5 | 64.6 | 64.8 | 65.1 | 65.2 | 65.3 | 65.6 | 65.7 | 65.7 | 65.8 | 65.9 | 65.9 | 66.0 |
| ≥ 16000 | 24.2 | 60.0 | 61.9 | 63.7 | 64.9 | 65.3 | 65.6 | 65.7 | 65.7 | 66.0 | 66.2 | 66.2 | 66.3 | 66.3 | 66.4 | 66.5 |
| ≥ 14000 | 24.8 | 61.5 | 63.5 | 65.4 | 66.6 | 67.0 | 67.3 | 67.4 | 67.4 | 67.7 | 67.9 | 67.9 | 68.0 | 68.0 | 68.1 | 68.2 |
| ≥ 12000 | 25.2 | 62.8 | 64.8 | 66.8 | 68.1 | 68.5 | 68.8 | 68.9 | 68.9 | 69.2 | 69.4 | 69.4 | 69.5 | 69.5 | 69.6 | 69.7 |
| ≥ 10000 | 26.2 | 65.5 | 67.6 | 69.6 | 70.9 | 71.3 | 71.6 | 71.7 | 71.7 | 72.0 | 72.2 | 72.2 | 72.3 | 72.3 | 72.4 | 72.5 |
| ≥ 9000 | 26.5 | 66.3 | 68.5 | 70.5 | 71.9 | 72.3 | 72.7 | 72.8 | 72.8 | 73.2 | 73.4 | 73.4 | 73.5 | 73.5 | 73.6 | 73.7 |
| ≥ 8000 | 26.6 | 67.8 | 70.2 | 72.4 | 73.8 | 74.2 | 74.6 | 74.7 | 74.8 | 75.2 | 75.3 | 75.3 | 75.4 | 75.5 | 75.5 | 75.6 |
| ≥ 7000 | 26.9 | 69.2 | 71.8 | 74.2 | 75.7 | 76.1 | 76.5 | 76.6 | 76.7 | 77.0 | 77.2 | 77.2 | 77.3 | 77.3 | 77.4 | 77.5 |
| ≥ 6000 | 27.2 | 70.1 | 72.7 | 75.2 | 76.8 | 77.3 | 77.8 | 77.9 | 78.0 | 78.3 | 78.5 | 78.5 | 78.6 | 78.6 | 78.7 | 78.8 |
| ≥ 5000 | 27.5 | 71.8 | 74.5 | 77.1 | 78.9 | 79.3 | 79.9 | 80.1 | 80.1 | 80.5 | 80.6 | 80.6 | 80.7 | 80.8 | 80.8 | 80.9 |
| ≥ 4500 | 27.5 | 72.1 | 74.8 | 77.5 | 79.2 | 79.6 | 80.2 | 80.4 | 80.4 | 80.8 | 81.0 | 81.0 | 81.1 | 81.1 | 81.2 | 81.2 |
| ≥ 4000 | 27.6 | 73.6 | 76.5 | 79.2 | 81.1 | 81.5 | 82.1 | 82.3 | 82.3 | 82.8 | 83.0 | 83.0 | 83.1 | 83.1 | 83.2 | 83.3 |
| ≥ 3500 | 27.9 | 74.4 | 77.3 | 80.1 | 82.0 | 82.5 | 83.1 | 83.2 | 83.3 | 83.7 | 83.9 | 83.9 | 84.0 | 84.0 | 84.1 | 84.2 |
| ≥ 3000 | 28.0 | 75.3 | 78.3 | 81.2 | 83.2 | 83.7 | 84.4 | 84.6 | 84.6 | 85.1 | 85.3 | 85.3 | 85.4 | 85.4 | 85.5 | 85.6 |
| ≥ 2500 | 28.2 | 76.3 | 79.4 | 82.4 | 84.5 | 84.9 | 85.7 | 85.9 | 85.9 | 86.4 | 86.6 | 86.6 | 86.7 | 86.7 | 86.8 | 86.9 |
| ≥ 2000 | 28.3 | 77.0 | 80.2 | 83.2 | 85.4 | 85.8 | 86.7 | 86.9 | 87.0 | 87.5 | 87.7 | 87.7 | 87.8 | 87.8 | 87.9 | 88.0 |
| ≥ 1800 | 28.3 | 77.2 | 80.5 | 83.4 | 85.7 | 86.1 | 87.0 | 87.3 | 87.3 | 87.8 | 88.0 | 88.0 | 88.1 | 88.2 | 88.3 | 88.3 |
| ≥ 1500 | 28.4 | 77.8 | 81.2 | 84.2 | 86.4 | 86.9 | 87.7 | 88.0 | 88.0 | 88.6 | 88.8 | 88.8 | 88.9 | 88.9 | 89.1 | 89.1 |
| ≥ 1200 | 28.6 | 78.6 | 82.3 | 85.5 | 88.0 | 88.5 | 89.4 | 89.7 | 89.7 | 90.4 | 90.6 | 90.6 | 90.7 | 90.7 | 90.8 | 90.9 |
| ≥ 1000 | 28.6 | 79.0 | 82.9 | 86.2 | 88.9 | 89.3 | 90.4 | 90.7 | 90.7 | 91.4 | 91.7 | 91.7 | 91.8 | 91.9 | 92.0 | 92.0 |
| ≥ 900 | 28.6 | 79.3 | 83.2 | 86.7 | 89.5 | 90.0 | 91.0 | 91.4 | 91.4 | 92.1 | 92.4 | 92.4 | 92.5 | 92.5 | 92.6 | 92.7 |
| ≥ 800 | 28.6 | 79.5 | 83.5 | 87.0 | 90.0 | 90.5 | 91.7 | 92.1 | 92.2 | 92.9 | 93.2 | 93.2 | 93.3 | 93.3 | 93.4 | 93.5 |
| ≥ 700 | 28.6 | 79.5 | 83.6 | 87.1 | 90.2 | 90.7 | 92.1 | 92.5 | 92.6 | 93.4 | 93.6 | 93.6 | 93.8 | 93.8 | 93.9 | 94.0 |
| ≥ 600 | 28.6 | 79.9 | 83.9 | 87.7 | 90.9 | 91.5 | 93.0 | 93.5 | 93.5 | 94.3 | 94.6 | 94.6 | 94.8 | 94.8 | 95.0 | 95.0 |
| ≥ 500 | 28.6 | 80.0 | 84.1 | 87.9 | 91.4 | 92.0 | 93.6 | 94.2 | 94.2 | 95.0 | 95.3 | 95.3 | 95.5 | 95.6 | 95.7 | 95.7 |
| ≥ 400 | 28.6 | 80.1 | 84.3 | 88.2 | 91.7 | 92.3 | 94.3 | 95.2 | 95.3 | 96.1 | 96.4 | 96.4 | 96.7 | 96.8 | 96.9 | 97.0 |
| ≥ 300 | 28.6 | 80.1 | 84.3 | 88.3 | 92.0 | 92.6 | 94.8 | 95.8 | 95.9 | 96.8 | 97.2 | 97.2 | 97.5 | 97.5 | 97.7 | 97.9 |
| ≥ 200 | 28.6 | 80.2 | 84.4 | 88.4 | 92.2 | 92.8 | 94.9 | 96.1 | 96.3 | 97.4 | 97.9 | 97.9 | 98.4 | 98.4 | 98.6 | 98.8 |
| ≥ 100 | 28.6 | 80.2 | 84.4 | 88.4 | 92.2 | 92.8 | 94.9 | 96.2 | 96.4 | 97.5 | 98.0 | 98.0 | 98.5 | 98.7 | 99.2 | 99.6 |
| ≥ 0 | 28.6 | 80.2 | 84.4 | 88.4 | 92.2 | 92.8 | 94.9 | 96.2 | 96.4 | 97.5 | 98.0 | 98.0 | 98.5 | 98.7 | 99.3 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2677

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# CEILING VERSUS VISIBILITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)

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

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

| CEILING (FEET) | VISIBILITY (STATUTE MILES) | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ≥ 10 | ≥ 6 | ≥ 5 | ≥ 4 | ≥ 3 | ≥ 2½ | ≥ 2 | ≥ 1½ | ≥ 1¼ | ≥ 1 | ≥ ¾ | ≥ ⅝ | ≥ ½ | ≥ 5/16 | ≥ ¼ | ≥ 0 |
| NO CEILING | 18.7 | 53.0 | 56.1 | 57.7 | 59.2 | 59.3 | 60.1 | 60.1 | 60.1 | 60.5 | 60.7 | 60.8 | 61.1 | 61.3 | 61.6 | 61.8 |
| ≥ 20000 | 20.3 | 56.7 | 60.3 | 62.0 | 63.6 | 63.8 | 64.5 | 64.7 | 64.7 | 65.0 | 65.3 | 65.3 | 65.6 | 65.8 | 66.2 | 66.3 |
| ≤ 18000 | 20.4 | 57.1 | 60.7 | 62.5 | 64.1 | 64.2 | 65.0 | 65.1 | 65.1 | 65.4 | 65.7 | 65.7 | 66.0 | 66.2 | 66.6 | 66.8 |
| > 16000 | 20.5 | 57.2 | 60.8 | 62.5 | 64.2 | 64.3 | 65.1 | 65.2 | 65.2 | 65.6 | 65.8 | 65.9 | 66.2 | 66.3 | 66.7 | 66.9 |
| ≥ 14000 | 20.7 | 57.9 | 61.6 | 63.5 | 65.1 | 65.4 | 66.2 | 66.3 | 66.3 | 66.6 | 66.9 | 66.9 | 67.2 | 67.4 | 67.8 | 68.0 |
| ≥ 12000 | 21.1 | 59.2 | 63.0 | 64.8 | 66.5 | 66.8 | 67.5 | 67.7 | 67.7 | 68.0 | 68.3 | 68.4 | 68.7 | 68.9 | 69.3 | 69.4 |
| ≥ 10000 | 21.7 | 61.7 | 65.7 | 67.6 | 69.3 | 69.6 | 70.3 | 70.5 | 70.5 | 70.8 | 71.1 | 71.2 | 71.5 | 71.7 | 72.1 | 72.2 |
| ≥ 9000 | 21.8 | 62.5 | 66.5 | 68.4 | 70.3 | 70.5 | 71.3 | 71.4 | 71.4 | 71.8 | 72.1 | 72.1 | 72.5 | 72.7 | 73.0 | 73.2 |
| ≥ 8000 | 22.1 | 64.3 | 68.5 | 70.5 | 72.4 | 72.7 | 73.4 | 73.6 | 73.6 | 74.0 | 74.2 | 74.3 | 74.6 | 74.8 | 75.2 | 75.4 |
| ≥ 7000 | 22.3 | 65.6 | 69.9 | 72.0 | 74.0 | 74.3 | 75.1 | 75.2 | 75.2 | 75.7 | 75.9 | 76.0 | 76.3 | 76.5 | 76.9 | 77.0 |
| ≥ 6000 | 22.6 | 66.9 | 71.2 | 73.3 | 75.5 | 75.8 | 76.7 | 76.8 | 76.8 | 77.3 | 77.6 | 77.6 | 78.0 | 78.2 | 78.6 | 78.7 |
| ≥ 5000 | 22.7 | 68.4 | 72.9 | 75.1 | 77.5 | 77.8 | 78.7 | 78.9 | 78.9 | 79.4 | 79.7 | 79.7 | 80.1 | 80.3 | 80.7 | 80.8 |
| ≥ 4500 | 22.8 | 68.8 | 73.4 | 75.7 | 78.2 | 78.5 | 79.4 | 79.5 | 79.5 | 80.1 | 80.3 | 80.4 | 80.8 | 81.0 | 81.3 | 81.5 |
| > 4000 | 23.0 | 70.0 | 74.8 | 77.4 | 79.9 | 80.2 | 81.1 | 81.3 | 81.3 | 81.8 | 82.1 | 82.2 | 82.5 | 82.7 | 83.1 | 83.2 |
| ≥ 3500 | 23.0 | 70.8 | 75.7 | 78.3 | 80.9 | 81.2 | 82.1 | 82.2 | 82.2 | 82.8 | 83.1 | 83.2 | 83.5 | 83.7 | 84.1 | 84.3 |
| ≥ 3000 | 23.0 | 71.4 | 76.4 | 79.1 | 81.7 | 82.0 | 83.0 | 83.2 | 83.2 | 83.8 | 84.1 | 84.1 | 84.5 | 84.7 | 85.1 | 85.2 |
| ≤ 2500 | 23.1 | 72.4 | 77.6 | 80.4 | 83.1 | 83.5 | 84.4 | 84.6 | 84.6 | 85.3 | 85.6 | 85.7 | 86.1 | 86.2 | 86.6 | 86.8 |
| ≥ 2000 | 23.3 | 73.5 | 78.9 | 81.8 | 84.7 | 85.0 | 86.0 | 86.2 | 86.2 | 86.9 | 87.3 | 87.4 | 87.7 | 87.9 | 88.3 | 88.4 |
| ≥ 1800 | 23.3 | 73.9 | 79.4 | 82.2 | 85.2 | 85.5 | 86.5 | 86.7 | 86.7 | 87.4 | 87.8 | 87.8 | 88.2 | 88.4 | 88.8 | 88.9 |
| ≥ 1500 | 23.3 | 74.5 | 80.1 | 82.9 | 85.9 | 86.3 | 87.4 | 87.5 | 87.5 | 88.3 | 88.7 | 88.7 | 89.1 | 89.3 | 89.7 | 89.8 |
| ≥ 1200 | 23.3 | 74.9 | 80.7 | 83.7 | 86.7 | 87.1 | 88.2 | 88.5 | 88.5 | 89.3 | 89.6 | 89.7 | 90.1 | 90.3 | 90.7 | 90.9 |
| ≥ 1000 | 23.3 | 75.6 | 81.5 | 84.6 | 87.7 | 88.0 | 89.4 | 89.7 | 89.7 | 90.5 | 90.9 | 90.9 | 91.4 | 91.5 | 92.0 | 92.1 |
| ≥ 900 | 23.3 | 75.7 | 81.7 | 85.0 | 88.2 | 88.6 | 90.0 | 90.3 | 90.3 | 91.1 | 91.5 | 91.6 | 92.0 | 92.2 | 92.6 | 92.7 |
| ≥ 800 | 23.3 | 75.9 | 81.9 | 85.2 | 88.6 | 88.9 | 90.3 | 90.6 | 90.7 | 91.5 | 91.8 | 91.9 | 92.3 | 92.6 | 93.0 | 93.1 |
| ≥ 700 | 23.3 | 76.0 | 82.0 | 85.5 | 88.9 | 89.3 | 90.7 | 91.0 | 91.1 | 91.9 | 92.4 | 92.4 | 92.9 | 93.1 | 93.5 | 93.7 |
| ≥ 600 | 23.3 | 76.1 | 82.2 | 85.8 | 89.4 | 89.8 | 91.3 | 91.6 | 91.7 | 92.6 | 93.0 | 93.1 | 93.6 | 93.8 | 94.2 | 94.4 |
| ≥ 500 | 23.3 | 76.1 | 82.4 | 86.4 | 90.2 | 90.6 | 92.2 | 92.6 | 92.6 | 93.5 | 94.0 | 94.1 | 94.6 | 94.8 | 95.3 | 95.4 |
| ≥ 400 | 23.3 | 76.1 | 82.8 | 86.8 | 90.9 | 91.4 | 93.1 | 93.6 | 93.7 | 94.7 | 95.2 | 95.3 | 95.8 | 96.0 | 96.4 | 96.6 |
| ≥ 300 | 23.3 | 76.1 | 82.9 | 86.9 | 91.2 | 91.7 | 93.4 | 94.0 | 94.0 | 95.1 | 95.7 | 95.8 | 96.3 | 96.5 | 97.1 | 97.3 |
| ≥ 200 | 23.3 | 76.1 | 82.9 | 86.9 | 91.2 | 91.7 | 93.6 | 94.3 | 94.4 | 95.7 | 96.3 | 96.4 | 97.0 | 97.2 | 97.8 | 98.1 |
| ≥ 100 | 23.3 | 76.1 | 82.9 | 86.9 | 91.3 | 91.8 | 93.6 | 94.3 | 94.4 | 95.8 | 96.6 | 96.7 | 97.5 | 97.8 | 98.6 | 99.0 |
| ≥ 0 | 23.3 | 76.1 | 82.9 | 86.9 | 91.3 | 91.8 | 93.6 | 94.3 | 94.4 | 95.8 | 96.6 | 96.7 | 97.5 | 97.8 | 98.8 | 100.0 |

TOTAL NUMBER OF OBSERVATIONS 2674

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

SPEEDFLOW® WOODS BRANDS FOCUS INC 22

## SKY COVER SUMMARY

The individual increments formerly reported in total sky cover of airways observations are no longer available from the source data from Jan 71 and later. Increments reported after 1970 are clear, scattered, broken, overcast, partial obscuration and obscured (0, 3, 9, or 10). Therefore, the sky cover summary for this station is limited to the period through Dec 70.

# PART D SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

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

2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

| OKTAS | TENTHS |
|---|---|
| 0 | 0 |
| 1 | 1 |
| 2 | 3 |
| 3 | 4 |
| 4 | 5 |
| 5 | 6 |
| 6 | 8 |
| 7 | 9 |
| 8 (or obscured) | 10 |



S74 29965

DATA PROCESSING BRANCH
ETAC/USAF
2 AIR WEATHER SERVICE/MAC

# SKY COVER

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 46-47,49-70 (PERIOD) ALL (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 | 27.5 | 3.2 | 4.4 | 4.2 | 3.2 | 2.2 | 2.6 | 4.5 | 6.1 | 3.5 | 38.6 | 5.6 | 17843 |
| FEB | | 30.5 | 3.6 | 4.3 | 3.7 | 3.2 | 2.3 | 2.2 | 4.0 | 5.5 | 3.4 | 37.1 | 5.4 | 16215 |
| MAR | | 28.6 | 3.9 | 4.8 | 4.4 | 3.6 | 2.5 | 2.7 | 4.4 | 5.6 | 3.2 | 36.3 | 5.4 | 17828 |
| APR | | 30.6 | 4.7 | 5.5 | 5.7 | 4.0 | 3.1 | 3.0 | 5.1 | 6.1 | 3.5 | 28.7 | 4.9 | 17245 |
| MAY | | 23.6 | 4.8 | 6.5 | 6.7 | 5.6 | 4.0 | 3.7 | 6.6 | 7.9 | 3.8 | 27.0 | 5.2 | 17699 |
| JUN | | 17.4 | 4.7 | 7.3 | 7.6 | 6.9 | 5.2 | 4.5 | 7.9 | 9.4 | 4.8 | 24.4 | 5.4 | 17106 |
| JUL | | 11.8 | 4.4 | 7.7 | 8.2 | 7.6 | 5.6 | 4.6 | 8.6 | 10.6 | 5.8 | 25.0 | 5.8 | 17138 |
| AUG | | 16.3 | 5.3 | 7.8 | 8.4 | 7.1 | 4.6 | 4.4 | 8.2 | 9.9 | 4.7 | 23.1 | 5.3 | 17094 |
| SEP | | 20.3 | 5.6 | 7.2 | 7.9 | 6.0 | 4.2 | 3.7 | 6.6 | 7.8 | 4.5 | 25.8 | 5.2 | 16481 |
| OCT | | 36.1 | 5.2 | 5.6 | 5.0 | 3.7 | 2.8 | 2.7 | 4.7 | 6.0 | 3.9 | 24.4 | 4.4 | 17047 |
| NOV | | 37.5 | 4.7 | 5.6 | 4.9 | 3.9 | 2.3 | 2.6 | 4.6 | 5.3 | 3.7 | 24.9 | 4.3 | 16489 |
| DEC | | 31.9 | 3.8 | 5.0 | 4.8 | 3.6 | 2.4 | 2.6 | 4.6 | 6.2 | 3.7 | 31.3 | 5.0 | 17085 |
| TOTALS | | 26.1 | 4.5 | 6.0 | 6.0 | 4.9 | 3.4 | 3.3 | 5.8 | 7.2 | 4.0 | 28.9 | 5.2 | 205270 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA 46-47,49-70 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 | 36.9 | 2.3 | 4.0 | 4.0 | 2.3 | 1.2 | 2.3 | 3.1 | 4.5 | 1.9 | 37.5 | 5.0 | 2227 |
| | 03-05 | 37.3 | 1.3 | 4.2 | 3.5 | 2.6 | 1.7 | 2.4 | 3.5 | 3.5 | 1.9 | 38.0 | 5.0 | 2228 |
| | 06-08 | 26.2 | 3.0 | 4.4 | 4.2 | 2.9 | 2.4 | 2.3 | 4.4 | 6.5 | 4.3 | 39.4 | 5.8 | 2232 |
| | 09-11 | 20.7 | 3.8 | 3.9 | 3.6 | 3.0 | 2.6 | 2.3 | 5.4 | 8.1 | 5.8 | 40.7 | 6.2 | 2230 |
| | 12-14 | 18.3 | 4.5 | 4.4 | 4.3 | 3.5 | 2.6 | 3.3 | 5.6 | 8.0 | 4.7 | 40.7 | 6.3 | 2231 |
| | 15-17 | 19.7 | 4.3 | 4.4 | 4.3 | 3.9 | 3.0 | 2.7 | 4.9 | 8.2 | 4.5 | 40.0 | 6.1 | 2231 |
| | 18-20 | 27.1 | 4.0 | 5.2 | 4.8 | 3.5 | 2.1 | 3.0 | 4.7 | 5.5 | 2.9 | 37.1 | 5.5 | 2232 |
| | 21-23 | 33.5 | 2.6 | 4.8 | 5.0 | 3.6 | 1.9 | 2.7 | 4.0 | 4.2 | 2.2 | 35.5 | 5.0 | 2232 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 27.5 | 3.2 | 4.4 | 4.2 | 3.2 | 2.2 | 2.6 | 4.5 | 6.1 | 3.5 | 38.6 | 5.6 | 17843 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 46-47,49-70 | FEB

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 | | |
| FEB | 00-02 | 40.5 | 2.5 | 4.1 | 2.8 | 2.4 | 1.6 | 1.6 | 3.1 | 3.5 | 1.8 | 36.0 | 4.7 | 2028 |
| | 03-05 | 40.4 | 1.8 | 3.9 | 3.3 | 2.5 | 1.3 | 2.3 | 3.6 | 3.2 | 1.6 | 36.0 | 4.8 | 2028 |
| | 06-08 | 29.0 | 4.3 | 4.0 | 3.5 | 2.7 | 1.6 | 1.8 | 4.5 | 5.2 | 3.2 | 40.2 | 5.6 | 2028 |
| | 09-11 | 26.7 | 3.9 | 3.1 | 3.0 | 3.3 | 1.9 | 2.4 | 4.5 | 6.9 | 5.1 | 39.1 | 5.8 | 2029 |
| | 12-14 | 22.5 | 4.4 | 4.0 | 3.3 | 4.3 | 3.4 | 2.7 | 5.1 | 8.1 | 5.5 | 36.7 | 5.9 | 2029 |
| | 15-17 | 21.4 | 4.9 | 5.2 | 5.1 | 3.7 | 3.2 | 2.5 | 3.9 | 8.2 | 4.7 | 37.3 | 5.8 | 2028 |
| | 18-20 | 27.5 | 4.8 | 4.6 | 5.1 | 4.0 | 2.9 | 2.3 | 4.1 | 5.1 | 3.6 | 36.0 | 5.4 | 2027 |
| | 21-23 | 36.3 | 2.5 | 5.8 | 3.5 | 2.8 | 2.4 | 2.0 | 3.5 | 4.1 | 2.0 | 35.2 | 4.9 | 2018 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.5 | 3.6 | 4.3 | 3.7 | 3.2 | 2.3 | 2.2 | 4.0 | 5.5 | 3.4 | 37.1 | 5.4 | 16215 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 46-47,49-70 (PERIOD) MAR (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| MAR | 00-02 | 38.2 | 2.8 | 4.4 | 3.8 | 2.7 | 2.0 | 2.1 | 3.0 | 4.6 | 1.4 | 35.1 | 4.8 | 2228 |
| | 03-05 | 36.3 | 2.6 | 4.0 | 4.4 | 2.9 | 1.7 | 3.0 | 2.8 | 4.1 | 1.5 | 36.7 | 5.0 | 2228 |
| | 06-08 | 25.0 | 3.5 | 5.0 | 4.3 | 3.2 | 2.2 | 2.5 | 5.2 | 6.0 | 4.3 | 38.9 | 5.8 | 2231 |
| | 09-11 | 25.7 | 4.2 | 4.5 | 4.2 | 3.3 | 2.6 | 2.1 | 4.8 | 6.1 | 4.3 | 33.3 | 5.7 | 2230 |
| | 12-14 | 23.0 | 4.1 | 5.1 | 4.3 | 4.1 | 3.1 | 2.9 | 6.2 | 7.0 | 4.3 | 36.0 | 5.7 | 2228 |
| | 15-17 | 20.6 | 5.0 | 4.2 | 5.3 | 4.4 | 3.2 | 3.5 | 4.9 | 7.2 | 4.4 | 37.2 | 5.9 | 2228 |
| | 18-20 | 23.2 | 5.5 | 5.7 | 4.4 | 4.8 | 3.2 | 3.4 | 5.3 | 6.2 | 3.8 | 34.6 | 5.5 | 2227 |
| | 21-23 | 36.7 | 3.3 | 5.6 | 4.6 | 3.4 | 2.2 | 2.2 | 3.0 | 3.9 | 1.3 | 33.8 | 4.7 | 2228 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 28.6 | 3.9 | 4.8 | 4.4 | 3.6 | 2.5 | 2.7 | 4.4 | 5.6 | 3.2 | 36.3 | 5.4 | 17828 |

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
46-47,49-70 — PERIOD
APR — 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 | 45.0 | 2.7 | 4.9 | 4.4 | 2.7 | 1.9 | 2.5 | 4.1 | 3.7 | 1.9 | 26.4 | 4.0 | 2155 |
| | 03-05 | 39.1 | 3.8 | 5.4 | 4.5 | 3.2 | 2.7 | 3.0 | 4.5 | 5.1 | 1.8 | 26.9 | 4.3 | 2156 |
| | 06-08 | 26.1 | 5.3 | 4.9 | 6.0 | 3.3 | 3.3 | 2.4 | 4.6 | 7.6 | 4.5 | 31.9 | 5.3 | 2154 |
| | 09-11 | 26.1 | 5.1 | 5.8 | 6.3 | 4.2 | 3.7 | 3.0 | 6.0 | 6.1 | 4.5 | 29.2 | 5.1 | 2155 |
| | 12-14 | 20.0 | 6.7 | 5.8 | 6.7 | 5.8 | 3.8 | 3.4 | 6.3 | 7.8 | 4.7 | 28.8 | 5.4 | 2157 |
| | 15-17 | 20.0 | 6.0 | 6.3 | 6.4 | 5.3 | 3.5 | 3.7 | 6.4 | 7.6 | 5.2 | 29.6 | 5.5 | 2157 |
| | 18-20 | 26.3 | 5.4 | 5.9 | 6.6 | 4.5 | 3.2 | 3.2 | 5.6 | 6.5 | 3.7 | 29.0 | 5.0 | 2156 |
| | 21-23 | 41.9 | 2.6 | 5.2 | 5.0 | 3.2 | 2.6 | 2.6 | 3.6 | 4.0 | 1.7 | 27.6 | 4.2 | 2155 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 30.6 | 4.7 | 5.5 | 5.7 | 4.0 | 3.1 | 3.0 | 5.1 | 6.1 | 3.5 | 28.7 | 4.9 | 17245 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

| 13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 46-47,49-70 | 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 | 38.5 | 3.9 | 6.2 | 5.4 | 4.4 | 3.0 | 2.5 | 4.9 | 4.6 | 1.3 | 25.3 | 4.2 | 2211 |
| | 03-05 | 32.2 | 4.4 | 6.5 | 5.5 | 4.2 | 3.. | 3.7 | 4.7 | 6.4 | 1.8 | 27.2 | 4.6 | 2213 |
| | 06-08 | 21.4 | 5.0 | 5.3 | 5.7 | 4.3 | 3.1 | 2.7 | 6.6 | 8.7 | 5.2 | 31.8 | 5.6 | 2211 |
| | 09-11 | 19.4 | 4.6 | 5.9 | 7.3 | 6.4 | 4.2 | 3.5 | 6.3 | 9.1 | 5.7 | 27.5 | 5.5 | 2211 |
| | 12-14 | 12.8 | 5.7 | 7.1 | 9.1 | 7.1 | 6.7 | 4.8 | 8.5 | 9.0 | 4.7 | 24.4 | 5.6 | 2210 |
| | 15-17 | 14.5 | 4.6 | 6.7 | 7.7 | 7.9 | 5.8 | 4.6 | 8.0 | 9.7 | 4.7 | 25.9 | 5.6 | 2212 |
| | 18-20 | 17.8 | 5.6 | 7.0 | 6.1 | 5.0 | 3.6 | 4.8 | 7.6 | 9.7 | 4.2 | 28.6 | 5.6 | 2215 |
| | 21-23 | 31.9 | 4.2 | 7.5 | 6.5 | 5.3 | 2.3 | 3.0 | 6.0 | 6.0 | 2.4 | 25.0 | 4.5 | 2216 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 23.6 | 4.8 | 6.5 | 6.7 | 5.6 | 4.0 | 3.7 | 6.6 | 7.9 | 3.8 | 27.0 | 5.2 | 17699 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
46-47,49-70 — PERIOD
JUN — MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUN | 00-02 | 32.3 | 5.3 | 7.3 | 8.3 | 5.5 | 3.3 | 3.5 | 4.8 | 5.9 | 2.5 | 21.3 | 4.2 | 2091 |
| | 03-05 | 23.4 | 5.6 | 8.7 | 8.2 | 6.1 | 3.5 | 4.3 | 7.5 | 8.5 | 2.6 | 21.7 | 4.8 | 2090 |
| | 06-08 | 16.1 | 4.6 | 6.4 | 6.2 | 6.5 | 4.3 | 4.1 | 7.9 | 11.2 | 6.1 | 26.7 | 5.7 | 2135 |
| | 09-11 | 12.8 | 3.5 | 6.3 | 8.4 | 7.6 | 7.0 | 4.6 | 10.0 | 10.3 | 6.2 | 23.3 | 5.8 | 2159 |
| | 12-14 | 7.5 | 3.8 | 8.0 | 8.5 | 9.0 | 7.5 | 5.6 | 9.8 | 11.5 | 6.7 | 22.1 | 5.9 | 2157 |
| | 15-17 | 10.0 | 5.0 | 6.5 | 7.5 | 7.6 | 6.2 | 5.0 | 8.3 | 11.2 | 6.3 | 26.5 | 6.0 | 2160 |
| | 18-20 | 12.0 | 5.3 | 6.8 | 6.5 | 5.9 | 5.5 | 4.7 | 8.4 | 9.5 | 5.3 | 30.1 | 6.0 | 2158 |
| | 21-23 | 25.2 | 4.5 | 8.0 | 6.9 | 7.0 | 4.3 | 4.1 | 6.6 | 7.1 | 2.4 | 23.8 | 4.8 | 2156 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 17.4 | 4.7 | 7.3 | 7.6 | 6.9 | 5.2 | 4.5 | 7.9 | 9.4 | 4.8 | 24.4 | 5.4 | 17106 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 46-47,49-70 (PERIOD) JUL (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| JUL | 00-02 | 24.6 | 5.0 | 9.4 | 8.8 | 6.4 | 5.0 | 3.8 | 6.5 | 5.9 | 2.7 | 24.0 | 4.7 | 2130 |
| | 03-05 | 20.0 | 6.2 | 10.2 | 8.1 | 7.2 | 4.1 | 3.9 | 7.9 | 8.3 | 3.0 | 21.1 | 4.8 | 2126 |
| | 06-08 | 10.1 | 4.3 | 7.4 | 8.6 | 7.2 | 5.3 | 4.4 | 9.0 | 11.9 | 5.7 | 26.1 | 6.0 | 2140 |
| | 09-11 | 8.2 | 3.4 | 5.3 | 8.7 | 8.7 | 7.1 | 5.0 | 9.5 | 12.3 | 7.8 | 23.9 | 6.1 | 2148 |
| | 12-14 | 2.7 | 2.5 | 6.9 | 9.0 | 9.5 | 9.0 | 4.2 | 10.5 | 14.9 | 8.0 | 22.8 | 6.4 | 2148 |
| | 15-17 | 4.9 | 3.8 | 7.5 | 7.3 | 8.1 | 6.2 | 5.5 | 11.0 | 13.6 | 8.2 | 24.1 | 6.4 | 2147 |
| | 18-20 | 6.9 | 4.6 | 6.9 | 6.3 | 6.7 | 5.8 | 5.3 | 8.0 | 11.2 | 7.6 | 30.7 | 6.5 | 2150 |
| | 21-23 | 16.8 | 5.4 | 8.3 | 8.6 | 7.1 | 4.4 | 4.5 | 6.5 | 8.0 | 3.3 | 27.0 | 5.4 | 2149 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 11.8 | 4.4 | 7.7 | 8.2 | 7.6 | 5.6 | 4.6 | 8.6 | 10.8 | 5.8 | 25.0 | 5.8 | 17138 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA 46,49-70 AUG

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| AUG | 00-02 | 30.1 | 5.9 | 8.5 | 8.0 | 5.7 | 1.7 | 4.4 | 6.5 | 6.7 | 2.7 | 19.7 | 4.3 | 2137 |
| | 03-05 | 27.4 | 6.5 | 9.0 | 8.7 | 5.6 | 2.6 | 4.0 | 6.6 | 7.9 | 2.9 | 18.8 | 4.3 | 2138 |
| | 06-08 | 13.7 | 5.9 | 6.9 | 8.3 | 6.9 | 5.0 | 4.3 | 8.7 | 9.8 | 5.7 | 24.9 | 5.6 | 2136 |
| | 09-11 | 12.3 | 3.8 | 5.8 | 8.3 | 8.0 | 6.0 | 5.2 | 9.6 | 12.1 | 4.8 | 24.0 | 5.8 | 2138 |
| | 12-14 | 4.3 | 4.5 | 7.5 | 10.0 | 9.2 | 8.5 | 4.1 | 9.8 | 13.0 | 6.0 | 23.1 | 6.1 | 2133 |
| | 15-17 | 7.8 | 4.4 | 8.1 | 9.2 | 8.2 | 5.0 | 3.9 | 9.3 | 11.8 | 7.6 | 24.5 | 6.0 | 2136 |
| | 18-20 | 11.3 | 5.5 | 7.5 | 7.4 | 7.0 | 4.7 | 4.5 | 7.4 | 11.0 | 5.9 | 27.7 | 5.9 | 2137 |
| | 21-23 | 24.6 | 5.9 | 8.7 | 7.6 | 5.8 | 3.4 | 4.4 | 7.7 | 7.1 | 2.2 | 22.3 | 4.7 | 2139 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 16.5 | 5.3 | 7.8 | 8.4 | 7.1 | 4.6 | 4.4 | 8.2 | 9.9 | 4.7 | 23.1 | 5.3 | 17094 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

2

# SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA 46,49-70 SEP

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| SEP | 00-02 | 34.9 | 5.4 | 7.9 | 6.8 | 4.3 | 2.5 | 2.8 | 4.7 | 4.9 | 2.7 | 23.3 | 4.2 | 2063 |
| | 03-05 | 34.2 | 5.6 | 7.4 | 7.2 | 4.7 | 2.8 | 3.7 | 4.4 | 4.8 | 2.5 | 22.7 | 4.2 | 2058 |
| | 06-08 | 15.8 | 6.8 | 5.7 | 7.0 | 5.8 | 5.2 | 4.2 | 7.7 | 8.8 | 4.1 | 28.9 | 5.6 | 2061 |
| | 09-11 | 14.5 | 4.4 | 5.9 | 7.2 | 8.5 | 5.6 | 4.2 | 8.0 | 9.2 | 6.6 | 26.0 | 5.7 | 2060 |
| | 12-14 | 8.3 | 5.0 | 8.2 | 11.0 | 7.4 | 5.8 | 4.1 | 8.5 | 9.1 | 6.1 | 26.6 | 5.9 | 2060 |
| | 15-17 | 10.6 | 6.3 | 7.5 | 8.6 | 6.7 | 4.8 | 3.6 | 7.3 | 11.0 | 6.3 | 27.5 | 5.9 | 2062 |
| | 18-20 | 16.8 | 6.4 | 7.0 | 8.4 | 5.4 | 3.7 | 3.7 | 7.1 | 8.6 | 5.3 | 27.5 | 5.5 | 2057 |
| | 21-23 | 31.2 | 5.0 | 7.9 | 6.7 | 5.1 | 3.3 | 3.0 | 5.0 | 6.2 | 2.3 | 24.2 | 4.4 | 2060 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 20.8 | 5.6 | 7.2 | 7.9 | 6.0 | 4.2 | 3.7 | 6.6 | 7.8 | 4.5 | 25.8 | 5.2 | 16481 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 46,49-70 (PERIOD) OCT (MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| OCT | 00-02 | 50.8 | 3.3 | 3.6 | 3.4 | 3.0 | 1.4 | 2.3 | 3.1 | 5.2 | 1.5 | 22.4 | 3.5 | 2128 |
| | 03-05 | 46.2 | 3.6 | 4.1 | 3.9 | 3.5 | 1.9 | 2.9 | 4.0 | 4.1 | 2.1 | 23.7 | 3.8 | 2131 |
| | 06-08 | 31.2 | 5.4 | 5.1 | 4.3 | 3.4 | 3.4 | 2.4 | 4.8 | 6.9 | 5.6 | 27.3 | 4.9 | 2132 |
| | 09-11 | 30.3 | 5.2 | 5.1 | 5.0 | 3.8 | 3.5 | 2.8 | 5.6 | 7.1 | 4.7 | 26.9 | 4.9 | 2130 |
| | 12-14 | 23.7 | 5.9 | 7.4 | 5.9 | 5.1 | 4.6 | 2.5 | 6.0 | 8.3 | 5.3 | 25.1 | 5.1 | 2136 |
| | 15-17 | 25.3 | 6.8 | 6.6 | 6.6 | 4.3 | 3.1 | 3.2 | 5.9 | 7.5 | 7.0 | 23.7 | 4.9 | 2131 |
| | 18-20 | 33.9 | 6.9 | 7.1 | 6.5 | 4.0 | 2.6 | 2.7 | 4.5 | 5.5 | 2.9 | 23.4 | 4.2 | 2127 |
| | 21-23 | 47.4 | 4.2 | 5.4 | 4.1 | 2.7 | 2.2 | 2.5 | 3.5 | 3.6 | 2.2 | 22.3 | 3.6 | 2132 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 36.1 | 5.2 | 5.6 | 5.0 | 3.7 | 2.8 | 2.7 | 4.7 | 6.0 | 3.9 | 24.4 | 4.4 | 17047 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 | MYRTLE BEACH AFB SOUTH CAROLINA | 46,49-70 | NOV

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L.S.T.) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| NOV | 00-02 | 46.4 | 4.0 | 5.4 | 3.3 | 3.1 | 1.5 | 2.6 | 3.8 | 3.8 | 2.1 | 23.8 | 3.8 | 2061 |
| | 03-05 | 47.3 | 2.8 | 6.3 | 3.7 | 2.6 | 1.4 | 2.2 | 3.8 | 3.7 | 1.9 | 24.3 | 3.7 | 2061 |
| | 06-08 | 32.3 | 5.8 | 6.6 | 6.0 | 4.2 | 1.9 | 3.[illegible] | 4.7 | 5.6 | 4.5 | 25.0 | 4.5 | 2064 |
| | 09-11 | 32.9 | 4.9 | 4.9 | 4.5 | 4.4 | 3.0 | 2.8 | 6.1 | 6.4 | 5.6 | 24.7 | 4.7 | 2066 |
| | 12-14 | 29.2 | 4.9 | 5.0 | 5.7 | 5.7 | 4.1 | 2.7 | 5.6 | 7.0 | 5.3 | 24.8 | 4.8 | 2065 |
| | 15-17 | 26.6 | 6.8 | 6.1 | 5.6 | 5.0 | 3.1 | 3.0 | 5.1 | 7.8 | 5.6 | 25.4 | 4.9 | 2058 |
| | 18-20 | 37.5 | 5.0 | 6.0 | 5.9 | 3.5 | 2.1 | 2.0 | 4.1 | 4.7 | 2.7 | 26.5 | 4.3 | 2057 |
| | 21-23 | 47.7 | 3.3 | 4.7 | 4.4 | 2.5 | 1.6 | 1.8 | 3.7 | 3.7 | 2.0 | 24.5 | 3.7 | 2057 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 37.5 | 4.7 | 5.6 | 4.9 | 3.9 | 2.3 | 2.6 | 4.6 | 5.3 | 3.7 | 24.9 | 4.3 | 16489 |

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

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# SKY COVER

13717 MYRTLE BEACH AFB SOUTH CAROLINA 46,49-70 DEC

STATION | STATION NAME | PERIOD | MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER | | | | | | | | | | | MEAN TENTHS OF SKY COVER | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | |
| DEC | 00-02 | 42.4 | 2.2 | 5.5 | 4.4 | 3.0 | 2.0 | 2.6 | 3.9 | 4.0 | 1.9 | 28.0 | 4.2 | 2136 |
| | 03-05 | 41.2 | 2.3 | 3.9 | 4.3 | 3.3 | 1.8 | 2.7 | 3.0 | 4.7 | 2.6 | 30.1 | 4.4 | 2136 |
| | 06-08 | 27.5 | 4.8 | 4.9 | 4.6 | 3.7 | 2.2 | 2.4 | 5.1 | 7.6 | 4.3 | 32.8 | 5.3 | 2136 |
| | 09-11 | 25.5 | 4.5 | 4.4 | 4.4 | 3.5 | 2.9 | 2.8 | 5.2 | 6.7 | 4.2 | 36.0 | 5.6 | 2136 |
| | 12-14 | 23.9 | 5.1 | 4.5 | 4.1 | 4.2 | 2.9 | 2.5 | 6.6 | 8.1 | 5.2 | 32.7 | 5.6 | 2136 |
| | 15-17 | 23.7 | 4.5 | 5.5 | 5.9 | 4.4 | 2.5 | 3.0 | 4.4 | 7.8 | 5.9 | 32.4 | 5.5 | 2133 |
| | 18-20 | 32.3 | 4.2 | 6.2 | 5.8 | 3.7 | 2.6 | 1.7 | 4.7 | 5.8 | 3.0 | 29.9 | 4.8 | 2135 |
| | 21-23 | 38.9 | 3.1 | 4.8 | 5.1 | 2.6 | 2.0 | 3.3 | 3.9 | 5.0 | 2.8 | 28.6 | 4.5 | 2137 |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| TOTALS | | 31.9 | 3.8 | 5.0 | 4.8 | 3.6 | 2.4 | 2.6 | 4.6 | 6.2 | 3.7 | 31.3 | 5.0 | 17085 |

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

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APPLICATIONS CENTER

# PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

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

   NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

   a. Extreme maximum temperature
   b. Extreme minimum temperature

   NOTE: The following symbols are used in the extreme data blocks:

   (1) * indicates the extreme was selected from a month with one or more days missing.

   (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Continued on Reverse

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

   a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the RAW COUNT of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

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

   b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\Sigma X^2$), sums of values ($\Sigma X$), means ($\bar{X}$), and standard deviations ($\sigma_x$). The number of observations used in the computation for each element is also shown.

   c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

      NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.

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

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

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



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DATA PROCESSING BRANCH
USAF ETAC
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# DAILY TEMPERATURES

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47, 49-54, 57-72 — YEARS

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM DAILY OBSERVATIONS)

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 100 | | | | | | .1 | .2 | .1 | | | | | .1 |
| ≥ 95 | | | | | .2 | 5.1 | 4.5 | 4.5 | .6 | | | | 1.2 |
| ≥ 90 | | | | 1.6 | 9.3 | 17.3 | 23.3 | 20.0 | 1.4 | .3 | | | 6.1 |
| ≥ 85 | | | .4 | 4.3 | 15.9 | 42.0 | 71.7 | 68.2 | 37.7 | 3.3 | | | 20.6 |
| ≥ 80 | .6 | .1 | 2.5 | 13.5 | 43.4 | 82.4 | 95.7 | 94.8 | 74.6 | 25.2 | 2.2 | .3 | 35.3 |
| ≥ 75 | 4.1 | .4 | 9.6 | 37.8 | 77.9 | 97.4 | 99.4 | 98.8 | 91.8 | 54.1 | 14.9 | 3.1 | 44.3 |
| ≥ 70 | 12.7 | 11.5 | 25.4 | 61.2 | 93.1 | 99.4 | 100.0 | 99.6 | 97.9 | 75.7 | 37.7 | 12.1 | 62.3 |
| ≥ 65 | 24.6 | 26.1 | 44.1 | 82.2 | 99.0 | 99.7 | | 100.0 | 99.9 | 91.3 | 61.7 | 27.7 | 75.7 |
| ≥ 60 | 40.7 | 42.4 | 63.4 | 95.1 | 99.8 | 100.0 | | | 100.0 | 97.1 | 75.9 | 46.0 | 80.0 |
| ≥ 55 | 57.7 | 61.0 | 81.4 | 99.3 | 100.0 | | | | | 99.9 | 89.2 | 63.8 | 87.7 |
| ≥ 50 | 72.8 | 77.1 | 93.3 | 99.8 | | | | | | | 95.4 | 79.7 | 93.2 |
| ≥ 45 | 85.4 | 89.0 | 98.0 | 100.0 | | | | | | 100.0 | 99.5 | 90.4 | 96.9 |
| ≥ 40 | 94.1 | 96.5 | 99.8 | | | | | | | | 99.9 | 96.9 | 98.9 |
| ≥ 35 | 98.0 | 99.3 | 100.0 | | | | | | | | 100.0 | 99.3 | 99.7 |
| ≥ 30 | 99.5 | 99.9 | | | | | | | | | | 99.9 | 99.9 |
| ≥ 25 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| ≥ | | | | | | | | | | | | | |
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| ≥ | | | | | | | | | | | | | |
| MEAN | 56.5 | 57.8 | 67.8 | 71.5 | 78.7 | 84.6 | 86.8 | 86.3 | 82.3 | 74.1 | 65.6 | 57.1 | 72.1 |
| S.D. | 10.723 | 9.741 | 9.996 | 7.459 | 6.051 | 5.645 | 4.349 | 4.500 | 5.200 | 8.217 | 8.373 | 8.81 | 13.5[illegible] |
| TOTAL OBS. | 837 | 702 | 837 | 810 | 837 | 794 | 806 | 806 | 779 | 806 | 810 | 806 | 9[illegible] |

FORM 1210 WS JUL 64 0-21-5 (Del 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING CO
USAF ETAC
AI [illegible] / MS
13717 [illegible] AFB SOUT CAROLINA 47-47, 49-54, 56-72
STATION STATION NAME YEARS

# DAILY TEMPERATURES

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM DAILY OBSERVATIONS)

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG. | SEP. | OCT | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ≥ 80 | | | | | | .1 | 1.2 | .5 | .3 | | | | .2 |
| ≥ 75 | | | | | .6 | 2.4 | 13.7 | 20.1 | 5.3 | .3 | | | 4.6 |
| ≥ 70 | | | | .2 | 9.0 | [illegible] | 77.0 | 69.4 | 32.2 | 4.3 | .4 | | 19.6 |
| ≥ 65 | | | .2 | 6.2 | 36.4 | [illegible] | 93.5 | 91.2 | 61.9 | 14.[illegible] | 2.1 | .1 | 31.4 |
| ≥ 60 | .2 | .3 | 4.7 | 22.7 | 61.9 | 9[illegible].4 | 98.9 | 98.9 | 83.8 | 33.3 | 7.8 | 2.2 | 41.9 |
| ≥ 55 | 6.0 | 5.3 | 17.3 | 45.7 | 79.3 | 98.1 | 99.9 | 99.9 | 94.9 | 54.2 | 17.0 | 8.3 | 51.7 |
| ≥ 50 | 24.5 | 13.9 | 29.5 | 61.4 | 91.6 | 99.7 | 100.0 | 100.0 | 98.8 | 71.2 | 29.0 | 16.0 | 60.3 |
| ≥ 45 | 44.5 | 27.0 | 45.0 | 78.0 | 98.1 | 100.0 | | | 99.9 | 83.5 | 42.8 | 25.2 | 68.3 |
| ≥ 40 | 68.0 | 41.6 | 64.5 | 90.5 | 99.8 | | | | 100.0 | 92.2 | 61.7 | 37.1 | 76.8 |
| ≥ 35 | 84.2 | 58.3 | 81.0 | 96.7 | 100.0 | | | | | 97.9 | 77.6 | 53.5 | 84.7 |
| ≥ 33 | 91.6 | 64.8 | 86.9 | 98.4 | | | | | | 98.9 | 82.9 | 60.7 | 87.6 |
| ≥ 30 | 94.2 | 77.7 | 92.8 | 99.6 | | | | | | 99.3 | 91.2 | 73.3 | 92.2 |
| ≥ 25 | 99.1 | 93.7 | 99.0 | 100.0 | | | | | | 100.0 | 98.7 | 89.4 | 97.4 |
| ≥ 20 | 99.8 | 97.7 | 99.9 | | | | | | | | 99.4 | 97.5 | 99.3 |
| ≥ 15 | 99.6 | 99.7 | 100.0 | | | | | | | | 100.0 | 99.4 | 99.9 |
| ≥ 10 | 100.0 | 99.9 | | | | | | | | | | 100.0 | 100.0 |
| ≥ 5 | | 100.0 | | | | | | | | | | | 100.0 |
| ≥ | | | | | | | | | | | | | |
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| ≥ | | | | | | | | | | | | | |
| ≥ | | | | | | | | | | | | | |
| MEAN | 46.8 | 37.9 | 43.7 | 52.0 | 60.7 | 68.1 | 71.5 | 70.9 | 65.8 | 54.5 | 43.3 | 37.1 | 53.5 |
| SD | 10.329 | 9.959 | 9.597 | 8.898 | 7.326 | 5.486 | 3.940 | 4.354 | 6.306 | 9.4[illegible] | 10.451 | 10.934 | 15.546 |
| TOTAL OBS | 837 | 769 | 837 | 810 | 837 | 794 | 806 | 806 | 779 | 806 | 818 | 868 | 9769 |

FORM 1210 WS JUL 64 0-21 5(Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# DAILY TEMPERATURES

13717 (STATION) MYRTLE BEACH AFB (STATION NAME) UTC CAROLINA (YEARS) 42-47, 49-54, 56-72

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM DAILY OBSERVATIONS)

| TEMP (°F) | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90 | | | | | | .2 | | .1 | | | | | .0 |
| 85 | | | | | .2 | 4.2 | 7.1 | 6.0 | .9 | | | | 1.6 |
| 80 | | | | .2 | 2.9 | 27.2 | 47.5 | 45.0 | 13.4 | 1. | | | 11.3 |
| 75 | | | .1 | 3.9 | 22.2 | 67.9 | 91.4 | 86.6 | 54.7 | 6.2 | .4 | .1 | 27.4 |
| 70 | | .7 | 2.5 | 16.5 | 57.7 | 92.9 | 99.7 | 98.4 | 81.8 | 29.1 | 3.4 | .5 | 50.6 |
| 65 | 2.9 | 3.7 | 11.4 | 41.0 | 80.9 | 98.3 | 100.0 | 99.8 | 95.2 | 55.2 | 12.9 | 5.0 | 60.0 |
| 60 | 11.6 | 12.5 | 27.8 | 63.2 | 94.5 | 99.7 | | 100.0 | 99.4 | 76.1 | 31.7 | 14.1 | 69.5 |
| 55 | 23.8 | 25.1 | 44.1 | 81.9 | 99.6 | 100.0 | | | 100.0 | 89.5 | 50.1 | 24.1 | 80.6 |
| 50 | 39.4 | 42.3 | 64.2 | 94.2 | 100.0 | | | | | 96.1 | 70.9 | 40.2 | 78.4 |
| 45 | 57.8 | 62.1 | 83.9 | 99.3 | | | | | | 99.4 | 86.6 | 59.5 | 87.2 |
| 40 | 75.5 | 81.2 | 94.9 | 100.0 | | | | | | 100.0 | 96.5 | 81.1 | 93.9 |
| 35 | 89.7 | 94.6 | 99.3 | | | | | | | | 99.3 | 91.7 | 97.8 |
| 30 | 96.8 | 98.7 | 99.9 | | | | | | | | 99.9 | 98.3 | 99.4 |
| 25 | 99.4 | 99.5 | 100.0 | | | | | | | | 100.0 | 99.4 | 99.9 |
| 20 | 100.0 | 100.0 | | | | | | | | | | 100.0 | 100.0 |
| MEAN | 46.8 | 47.5 | 53.4 | 61.9 | 69.9 | 76.5 | 79.4 | 78.8 | 74.2 | 64.7 | 56.5 | 47.7 | 63.0 |
| S.D. | 9.828 | 9.177 | 7.667 | 7.492 | 5.873 | 4.873 | 3.589 | 3.872 | 5.192 | 7.447 | 8.582 | 9.675 | 14.179 |
| TOTAL OBS. | 837 | 792 | 837 | 810 | 837 | 794 | 366 | 806 | 775 | 837 | 810 | 837 | 8171 |

FORM 1210 WS JUL 64 0-21-5 (Det 50) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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

# EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB | MAR. | APR | MAY | JUN | JUL. | AUG | SEP. | OCT. | NOV | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | 80 | 71 | |
| 43 | 78 | 74 | 80 | 83 | 90 | 101 | 95 | 96 | 91 | 85 | 78 | 81 | 101 |
| 44 | (81) | 79 | 80 | 84 | 92 | 100 | 94 | 96 | (99) | 89 | 78 | 68 | 100 |
| 45 | 66 | 80 | 84 | 85 | 89 | 94 | 93 | 94 | 95 | 90 | 83 | 67 | 95 |
| 46 | 77 | 70 | 82 | 91 | 84 | 95 | 95 | 96 | 88 | 82 | 82 | 78 | 96 |
| 47 | 73 | 70 | 72 | 85 | 89* | 93* | 85 | | | | | | |
| 49 | 80 | 79 | 81 | 85 | 93 | 93 | 100 | 92 | 92 | 83 | 77 | 75 | 100 |
| 50 | 81 | 80 | 83 | 86 | 88 | 99 | 93 | 94 | 91 | 85 | 83 | 70 | 99 |
| 51 | 71 | 81 | 75 | 83 | 90 | 91 | 94 | 97 | 88 | (93) | 82 | 80 | 97 |
| 52 | 80 | 76 | 78 | 81 | 93 | (104) | (101) | 92 | 90 | 86 | 77 | 69 | (104) |
| 53 | 75 | 76 | 82 | 84 | (98) | 96 | 99 | 99 | 88 | 84 | 78 | 74 | 99 |
| 54 | 77 | 76 | 86 | 90 | 86 | 103 | 98 | (104) | 92 | 92 | 75 | 69 | 104 |
| 56 | | | | | | | | | | | * 62 | 77 | |
| 57 | 79 | 80 | 73 | 82 | 89 | 91 | 95 | 95 | 92 | 79 | 75 | 71 | 95 |
| 58 | 62 | 70 | 72 | 89 | 85 | 98 | 93 | 96 | 93 | 84 | 81 | 73 | 98 |
| 59 | 68 | 76 | 76 | 86 | 88 | 100 | 92 | 93 | 91 | 88 | 78 | 68 | 100 |
| 60 | 76 | 70 | 73 | 83 | 93 | 93 | 95 | 95 | 90 | 85 | 78 | 72 | 95 |
| 61 | 67 | 74 | 80 | 86 | 80 | 91 | 97 | 94 | 95 | 84 | 78 | 72 | 97 |
| 62 | 76 | (83) | 71 | 86 | 93 | 90 | 95 | 90* | 86 | 91 | 74 | 71 | 95 |
| 63 | 70 | 72 | (88) | (92) | 93 | 97 | 94 | 90 | 91 | 82 | 75 | 66 | 97 |
| 64 | 70 | 66 | 75 | 87 | 93 | 94 | 86 | 94 | 89 | 84 | 80 | 72 | 94 |
| 65 | 73 | 76 | 82 | 86 | 92 | 94 | 92 | 92 | 86 | 81 | 76 | 71 | 94 |
| 66 | 76 | 70 | 76 | 82 | 89 | 89 | 96 | 92 | 94 | 88 | 78 | 76 | 96 |
| 67 | 73 | 73 | 87 | 90 | 91 | 88 | 91 | 89 | 84 | 81 | 76 | 78 | 91 |
| 68 | 66 | 72 | 81 | 81 | 84 | 97* | 97 | 97 | 89 | 85 | 77 | 70 | 97 |
| 69 | 73 | 73 | 70 | 80 | 84 | 92 | 95 | 93 | 88 | 84 | 78 | 70 | 95 |
| 70 | 75 | 71 | 78 | 90 | 91 | 95 | 98 | 96 | 92 | 84 | 77 | 77 | 98 |
| 71 | 70 | 73 | 72 | 88 | 89 | 94 | 92 | 96 | 86 | 85 | 81 | (84) | 96 |
| 72 | 77 | 80 | 78 | 91 | 84 | 90 | 96 | # 98 | # 94 | # 93 | # (84) | # 75 | # 98 |
| MEAN | 73.7 | 74.8 | 78.3 | 85.8 | 89.3 | 94.9 | 94.5 | 94.6 | 90.5 | 85.7 | 77.9 | 73.0 | 97.3 |
| S D | 5.067 | 4.342 | 5.107 | 3.412 | 3.977 | 4.264 | 3.599 | 3.163 | 3.385 | 3.784 | 4.104 | 4.501 | 3.006 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 794 | 806 | 806 | 779 | 806 | 818 | 868 | 9760 |

NOTES * (BASED ON < FULL MONTHS)
# (AT LEAST ONE DAY < 24 OBS)

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

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

# EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47, 49-54, 56-72 (YEARS)

WHOLE DEGREES FAHRENHEIT

| YEAR \ MONTH | JAN. | FEB | MAR | APR | MAY | JUN. | JUL | AUG. | SEP. | OCT | NOV. | DEC | ALL MONTHS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 42 | | | | | | | | | | | 28 | 17 | |
| 43 | 18 | 13 | (19) | 30 | 41 | 60 | 65 | 61 | 50 | 36 | 23 | 12 | 12 |
| 44 | 19 | 21 | 27 | 29 | 45 | 56 | 59 | 58 | 55 | 31 | 29 | 17 | 17 |
| 45 | 22 | 20 | 34 | 42 | 44 | 52 | 68 | 56 | 65 | 38 | 25 | 16 | 16 |
| 46 | 20 | 26 | 32 | 36 | 49 | (48) | 57 | 60 | 55 | 39 | 32 | 23 | 20 |
| 47 | 25 | 17 | 26 | 45 | 39* | 59* | 76 | | | | | | |
| 49 | 30 | 30 | 26 | 34 | 46 | 56 | 65 | 67 | 51 | 43 | 24 | 25 | 24 |
| 50 | 27 | 22 | 24 | (28) | 50 | 54 | 65 | 58 | 46 | 40 | (16) | 17 | 16 |
| 51 | 18 | 18 | 31 | 36 | 45 | 57 | (54) | 59 | 54 | 43 | 20 | 17 | 17 |
| 52 | 17 | 21 | 28 | 33 | 44 | 59 | 59 | (54) | 53 | (25) | 27 | 20 | 17 |
| 53 | 25 | 26 | 29 | 29 | 51 | 49 | 61 | 58 | 53 | 37 | 28 | 16 | 16 |
| 54 | 21 | 25 | 22 | 39 | 42 | 55 | 62 | 59 | 55 | 32 | 23 | 15 | 15 |
| 56 | | | | | | | | | | * | 26 | 29 | |
| 57 | 18 | 29 | 32 | 37 | 45 | 64 | 66 | 60 | (42) | 32 | 29 | 17 | 17 |
| 58 | 19 | (9) | 33 | 40 | 49 | 55 | 63 | 65 | 55 | 38 | 30 | 20 | (9) |
| 59 | 19 | 22 | 35 | 40 | 49 | 56 | 67 | 67 | 56 | 43 | 26 | 29 | 19 |
| 60 | 19 | 25 | 21 | 34 | 48 | 55 | 66 | 65 | 56 | 35 | 27 | 14 | 14 |
| 61 | 16 | 25 | 34 | 37 | 45 | 57 | 63 | 62 | 52 | 35 | 25 | 22 | 16 |
| 62 | 16 | 24 | 28 | 34 | 49 | 62 | 63 | 64* | 48 | 32 | 31 | (11) | 11 |
| 63 | 18 | 20 | 30 | 35 | (36) | 61 | 59 | 63 | 49 | 35 | 29 | 22 | 18 |
| 64 | 18 | 24 | 25 | 38 | 49 | 57 | 61 | 61 | 55 | 34 | 3 | 24 | 18 |
| 65 | 20 | 22 | 27 | 41 | 52 | 55 | 62 | 61 | 59 | 33 | 28 | 21 | 20 |
| 66 | 15 | 20 | 29 | 33 | 46 | 50 | 64 | 61 | 56 | 41 | 28 | 23 | 15 |
| 67 | 25 | 16 | 25 | 36 | 43 | 54 | 63 | 61 | 45 | 38 | 25 | 23 | 16 |
| 68 | 20 | 19 | 28 | 37 | 47 | 59* | 67 | 60 | 59 | 35 | 28 | 21 | 19 |
| 69 | 19 | 26 | 28 | 38 | 45 | 60 | 70 | 65 | 57 | 39 | 27 | 21 | 19 |
| 70 | (13) | 24 | 29 | 38 | 49 | 61 | 68 | 65 | 47 | 35 | 18 | 24 | 13 |
| 71 | 19 | 23 | 27 | 36 | 41 | 58 | 65 | 68 | 60 | 49 | 30 | 29 | 19 |
| 72 | 15 | 23 | 31 | 30 | 51 | 52 | 63 | # 68 | # 58 | # 34 | # 25 | # 19 | 15 |
| MEAN | 19.7 | 21.9 | 28.1 | 35.7 | 45.9 | 56.4 | 63.7 | 61.8 | 53.5 | 36.6 | 26.4 | 20.1 | 16.5 |
| S. D | 3.883 | 4.605 | 3.988 | 4.212 | 3.912 | 3.943 | 4.364 | 3.713 | 5.187 | 4.875 | 3.910 | 4.797 | 3.127 |
| TOTAL OBS | 837 | 762 | 837 | 810 | 837 | 794 | 806 | 806 | 779 | 806 | 818 | 868 | 9760 |

NOTES * (BASED ON < FULL MONTHS)
# (AT LEAST ONE DAY < 24 OBS)

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-47,49-72 YEARS — ALL MONTH

PAGE 1 — ALL HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 104/103 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 102/101 | | | | | | | | | | .0 | | | .0 | .0 | .0 | | | 5 | 5 | | |
| 100/ 99 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 18 | 18 | | |
| 98/ 97 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 77 | 77 | | |
| 96/ 95 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 172 | 172 | | |
| 94/ 93 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | 371 | 371 | | |
| 92/ 91 | | | | .0 | .0 | .0 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | 634 | 634 | | |
| 90/ 89 | | | .0 | .0 | .1 | .2 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 1517 | 1517 | | |
| 88/ 87 | | | .0 | .1 | .3 | .4 | .2 | .1 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 2800 | 2800 | 2 | |
| 86/ 85 | | .0 | .0 | .4 | .8 | .5 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | 5332 | 5332 | 26 | 1 |
| 84/ 83 | .0 | .0 | .2 | .9 | .9 | .5 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | 7290 | 7290 | 154 | 28 |
| 82/ 81 | .0 | .1 | .7 | 1.2 | .7 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | 8949 | 8949 | 1038 | 162 |
| 80/ 79 | .0 | .3 | 1.4 | 1.1 | .7 | .3 | .3 | .2 | .1 | .0 | .0 | .0 | .0 | | | | | 11726 | 11727 | 4473 | 972 |
| 78/ 77 | .1 | 1.1 | 1.5 | .9 | .7 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | 12520 | 12524 | 10421 | 4460 |
| 76/ 75 | .2 | 1.0 | 1.3 | .9 | .6 | .4 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | 13418 | 13427 | 14804 | 10910 |
| 74/ 73 | .3 | 1.8 | 1.1 | .8 | .5 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | 13245 | 13264 | 15516 | 15802 |
| 72/ 71 | .0 | 1.8 | 1.0 | .7 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | 12111 | 12131 | 14693 | 15327 |
| 70/ 69 | .0 | 1.5 | 1.1 | .7 | .4 | .3 | .2 | .1 | .1 | .0 | .0 | | | | | | | 12144 | 12184 | 13845 | 13480 |
| 68/ 67 | .4 | 1.4 | 1.2 | .5 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 11015 | 11058 | 12597 | 12191 |
| 66/ 65 | .3 | 1.5 | 1.1 | .6 | .4 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 11275 | 11297 | 12463 | 11702 |
| 64/ 63 | .3 | 1.0 | .9 | .5 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 10672 | 10724 | 12021 | 11999 |
| 62/ 61 | .3 | 1.5 | .7 | .5 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 9965 | 10019 | 11684 | 11908 |
| 60/ 59 | .6 | 1.5 | .8 | .5 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | | 10314 | 10361 | 11211 | 11466 |
| 58/ 57 | .3 | 1.2 | .7 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | | 9052 | 9093 | 9825 | 10334 |
| 56/ 55 | .3 | 1.2 | .6 | .3 | .3 | .3 | .2 | .1 | .0 | | | | | | | | | 8928 | 8962 | 9539 | 9320 |
| 54/ 53 | .4 | 1.0 | .6 | .4 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | 7942 | 7978 | 8451 | 8449 |
| 52/ 51 | .3 | .9 | .6 | .4 | .3 | .3 | .1 | .0 | .0 | .0 | | | | | | | | 7348 | 7383 | 8141 | 7895 |
| 50/ 49 | .3 | .9 | .6 | .4 | .3 | .3 | .1 | .0 | .0 | | | | | | | | | 7574 | 7602 | 8128 | 7373 |
| 48/ 47 | .3 | 1.0 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 6984 | 7004 | 7922 | 6904 |
| 46/ 45 | .1 | .9 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 6529 | 6559 | 8252 | 7148 |
| 44/ 43 | .3 | .8 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | | | 5730 | 5753 | 7429 | 6773 |
| 42/ 41 | .3 | .7 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | | 5198 | 5222 | 7066 | 6488 |
| 40/ 39 | .3 | .7 | .5 | .3 | .2 | .1 | .0 | | | | | | | | | | | 5132 | 5157 | 6442 | 6378 |
| 38/ 37 | .2 | .7 | .4 | .3 | .1 | .0 | .0 | | | | | | | | | | | 4311 | 4324 | 5732 | 5781 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-47,49-72 YEARS | ALL MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 36/ 35 | .2 | .6 | .4 | .3 | .1 | .0 | .0 | | | | | | | | | | | 3799 | 3809 | 5373 | 5941 |
| 34/ 33 | .2 | .8 | .3 | .2 | .0 | .0 | | | | | | | | | | | | 3219 | 3225 | 4617 | 5336 |
| 32/ 31 | .2 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 2756 | 2773 | 4087 | 5269 |
| 30/ 29 | .1 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 2377 | 2382 | 3336 | 4881 |
| 28/ 27 | .1 | .3 | .2 | .0 | .0 | | | | | | | | | | | | | 1558 | 1559 | 2629 | 3670 |
| 26/ 25 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 1046 | 1047 | 1868 | 3877 |
| 24/ 23 | .3 | .1 | .1 | .0 | | | | | | | | | | | | | | 633 | 633 | 1155 | 3154 |
| 22/ 21 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | | 370 | 370 | 686 | 2646 |
| 20/ 19 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 249 | 250 | 457 | 1922 |
| 18/ 17 | .0 | .0 | .0 | | | | | | | | | | | | | | | 115 | 115 | 231 | 1864 |
| 16/ 15 | .0 | .0 | .0 | | | | | | | | | | | | | | | 58 | 58 | 111 | 1496 |
| 14/ 13 | .1 | .0 | .0 | | | | | | | | | | | | | | | 27 | 27 | 66 | 953 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 8 | 8 | 26 | 675 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 391 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 367 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 276 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 213 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 138 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 70 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 55 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 29 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 21 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 10 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 2 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.0 | 28.7 | 20.4 | 15.0 | 11.0 | 7.3 | 4.2 | 2.3 | 1.2 | .5 | .2 | .1 | .0 | .0 | .0 | | | 247183 | | 246509 | |
| | | | | | | | | | | | | | | | | | | 246517 | 246519 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | Nc Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1523123134 | 18872286 | 76.6 | 17.317 | 246501 | | | | | | | |
| Dry Bulb | 1027144043 | 15471257 | 62.6 | 15.423 | 247185 | | 321.1 | 4083.4 | 2823.8 | 1207.7 | 23.4 | 8760 |
| Wet Bulb | 382717037 | 14306411 | 58.0 | 14.548 | 246519 | | 511.6 | 3168.0 | 1689.9 | 107.0 | | 8760 |
| Dew Point | 796734223 | 13396331 | 54.3 | 16.097 | 246509 | 6.6 | 1117.2 | 2659.2 | 1179.2 | 17.2 | | 8760 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 82/ 81 | | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | .0 | .0 | .0 | .0 | | | | | | | | | 13 | 13 | | |
| 78/ 77 | | | | | .0 | .0 | .1 | .0 | | | | | | | | | | | 23 | 23 | | |
| 76/ 75 | | | | | .0 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 46 | 46 | | |
| 74/ 73 | | | | .0 | .1 | .1 | .1 | .0 | .0 | | .0 | .0 | .0 | | | | | | 77 | 77 | | |
| 72/ 71 | | | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | | 97 | 97 | | |
| 70/ 69 | | .1 | .2 | .3 | .2 | .1 | .1 | .0 | .0 | | .0 | | | | | | | | 210 | 210 | 4 | |
| 68/ 67 | .3 | .1 | .3 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | 286 | 286 | 65 | 9 |
| 66/ 65 | .1 | .7 | .5 | .5 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 458 | 458 | 216 | 67 |
| 64/ 63 | .3 | 1.2 | .6 | .4 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | | | | | 657 | 658 | 470 | 258 |
| 62/ 61 | .9 | 1.8 | .7 | .4 | .2 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | 843 | 845 | 642 | 503 |
| 60/ 59 | .8 | 2.1 | .7 | .5 | .4 | .2 | .1 | .1 | .1 | | | | | | | | | | 1036 | 1038 | 949 | 809 |
| 58/ 57 | .6 | 1.7 | .8 | .5 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | | 989 | 990 | 869 | 778 |
| 56/ 55 | .8 | 1.7 | .8 | .6 | .4 | .4 | .2 | .1 | .0 | | | | | | | | | | 1092 | 1093 | 871 | 831 |
| 54/ 53 | .9 | 1.6 | .7 | .7 | .6 | .4 | .3 | .1 | .0 | | | | | | | | | | 1059 | 1061 | 864 | 843 |
| 52/ 51 | .7 | 1.8 | .9 | .8 | .6 | .5 | .2 | .0 | | | | | | | | | | | 1183 | 1183 | 937 | 775 |
| 50/ 49 | .8 | 1.7 | 1.0 | .8 | .6 | .6 | .2 | .0 | | | | | | | | | | | 1221 | 1221 | 1042 | 862 |
| 48/ 47 | .5 | 2.0 | 1.2 | .9 | .8 | .5 | .1 | .0 | | | | | | | | | | | 1289 | 1289 | 1027 | 757 |
| 46/ 45 | .6 | 2.0 | 1.1 | 1.1 | .8 | .4 | .1 | .0 | | | | | | | | | | | 1302 | 1302 | 1317 | 865 |
| 44/ 43 | .6 | 1.9 | 1.1 | .9 | .6 | .3 | .1 | | | | | | | | | | | | 1209 | 1209 | 1269 | 952 |
| 42/ 41 | .8 | 1.6 | 1.1 | .9 | .8 | .2 | .0 | | | | | | | | | | | | 1152 | 1152 | 1307 | 1011 |
| 40/ 39 | .7 | 2.1 | 1.3 | .9 | .6 | .1 | | | | | | | | | | | | | 1217 | 1217 | 1411 | 1053 |
| 38/ 37 | .5 | 2.0 | 1.1 | .8 | .4 | .0 | .0 | | | | | | | | | | | | 1029 | 1029 | 1270 | 1027 |
| 36/ 35 | .7 | 2.1 | 1.0 | .8 | .2 | .0 | .0 | | | | | | | | | | | | 1020 | 1020 | 1307 | 1096 |
| 34/ 33 | .8 | 1.9 | 1.0 | .5 | .1 | .0 | | | | | | | | | | | | | 879 | 879 | 1170 | 1103 |
| 32/ 31 | .6 | 1.7 | .8 | .5 | .1 | .0 | | | | | | | | | | | | | 769 | 769 | 1078 | 1077 |
| 30/ 29 | .3 | 2.0 | .9 | .2 | .0 | | | | | | | | | | | | | | 742 | 742 | 891 | 1089 |
| 28/ 27 | .3 | 1.4 | .6 | .2 | .0 | | | | | | | | | | | | | | 535 | 535 | 809 | 836 |
| 26/ 25 | .3 | 1.1 | .4 | .1 | | | | | | | | | | | | | | | 401 | 401 | 611 | 925 |
| 24/ 23 | .2 | .6 | .4 | .0 | | | | | | | | | | | | | | | 248 | 248 | 411 | 857 |
| 22/ 21 | .1 | .4 | .2 | .0 | | | | | | | | | | | | | | | 147 | 147 | 241 | 720 |
| 20/ 19 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | | 92 | 93 | 186 | 528 |
| 18/ 17 | .1 | .1 | .1 | | | | | | | | | | | | | | | | 50 | 50 | 89 | 444 |
| 16/ 15 | .0 | .1 | .0 | | | | | | | | | | | | | | | | 26 | 26 | 43 | 369 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-47,49-72 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 8 | 5 | 30 | 261 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 10 | 201 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 136 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 97 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 65 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 79 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 42 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 23 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 17 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 13 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 12.2 | 37.5 | 19.6 | 13.6 | 8.5 | 4.8 | 2.2 | 1.0 | .4 | .1 | .0 | .0 | .0 | | | | | 21416 | | | 21403 |
| | | | | | | | | | | | | | | | | | | 21406 | | 21406 | |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 83 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1305 15274 | 1619032 | 75.6 | 19.380 | 21402 | | | | | | | |
| Dry Bulb | 488[illegible]0730 | 990734 | 46.2 | 11.891 | 21416 | | 104.9 | 26.2 | 5.6 | .2 | | 744 |
| Wet Bulb | 41937.79 | 915599 | 42.8 | 11.426 | 21406 | | 152.9 | 2.4 | | | | 744 |
| Dew Point | 35220700 | 815204 | 38.1 | 13.960 | 21403 | 1.9 | 270.5 | .3 | | | | 744 |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | FEB MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 84/ 83 | | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | .0 | .0 | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | .0 | .0 | .0 | .0 | | | | | | | | | 14 | 14 | | |
| 78/ 77 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | | 23 | 23 | | |
| 76/ 75 | | | | .0 | .0 | .1 | .1 | .0 | | .0 | .0 | .0 | | .0 | | | | | 41 | 41 | | |
| 74/ 73 | | .0 | | .0 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | | | 52 | 52 | | |
| 72/ 71 | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | 102 | 102 | 1 | 1 |
| 70/ 69 | | .0 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | | 174 | 175 | 3 | |
| 68/ 67 | .0 | .1 | .2 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | | | | 244 | 246 | 42 | 5 |
| 66/ 65 | .0 | .4 | .6 | .5 | .3 | .2 | .1 | .1 | .1 | .0 | | | | | | | | | 466 | 466 | 156 | 56 |
| 64/ 63 | .2 | 1.2 | .3 | .5 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | | | 710 | 712 | 294 | 162 |
| 62/ 61 | .5 | 1.6 | .4 | .5 | .3 | .3 | .2 | .2 | .1 | .0 | | | | | | | | | 884 | 886 | 626 | 426 |
| 60/ 59 | .9 | 1.3 | .9 | .6 | .4 | .4 | .2 | .2 | .1 | | | | | | | | | | 1095 | 1098 | 872 | 663 |
| 58/ 57 | .7 | 1.6 | .9 | .5 | .6 | .4 | .3 | .3 | .1 | | | | | | | | | | 1043 | 1047 | 855 | 743 |
| 56/ 55 | .8 | 1.9 | 1.1 | .8 | .5 | .7 | .3 | .2 | .0 | | | | | | | | | | 1266 | 1266 | 959 | 838 |
| 54/ 53 | .6 | 1.5 | 1.3 | .8 | .7 | .7 | .4 | .1 | .0 | | | | | | | | | | 1200 | 1205 | 857 | 763 |
| 52/ 51 | .7 | 1.5 | 1.1 | .9 | .7 | .5 | .3 | .1 | | | | | | | | | | | 1153 | 1156 | 969 | 771 |
| 50/ 49 | .7 | 1.6 | 1.4 | 1.2 | .9 | .7 | .3 | .1 | .0 | | | | | | | | | | 1321 | 1324 | 1214 | 763 |
| 48/ 47 | .8 | 1.8 | 1.6 | 1.1 | .9 | .7 | .2 | .3 | | | | | | | | | | | 1275 | 1277 | 1165 | 989 |
| 46/ 45 | .5 | 1.8 | 1.1 | .9 | .7 | .5 | .2 | .3 | | | | | | | | | | | 1117 | 1124 | 1325 | 916 |
| 44/ 43 | .8 | 1.6 | 1.0 | .9 | .7 | .4 | .1 | | | | | | | | | | | | 1006 | 1011 | 1317 | 921 |
| 42/ 41 | .6 | 1.6 | 1.0 | .9 | .6 | .3 | .1 | | | | | | | | | | | | 978 | 983 | 1234 | 927 |
| 40/ 39 | .5 | 1.5 | 1.2 | 1.0 | .6 | .3 | .0 | | | | | | | | | | | | 990 | 995 | 1149 | 987 |
| 38/ 37 | .3 | 1.4 | 1.2 | .9 | .6 | .2 | | | | | | | | | | | | | 921 | 924 | 1093 | 967 |
| 36/ 35 | .2 | 1.2 | .9 | .8 | .4 | .0 | | | | | | | | | | | | | 761 | 764 | 1082 | 1011 |
| 34/ 33 | .4 | 1.4 | .7 | .8 | .2 | .0 | | | | | | | | | | | | | 628 | 630 | 938 | 875 |
| 32/ 31 | .3 | 1.4 | .8 | .6 | .1 | | | | | | | | | | | | | | 624 | 629 | 896 | 956 |
| 30/ 29 | .3 | 1.0 | .7 | .3 | .1 | .0 | | | | | | | | | | | | | 508 | 510 | 784 | 991 |
| 28/ 27 | .2 | .6 | .5 | .1 | .0 | | | | | | | | | | | | | | 284 | 284 | 556 | 766 |
| 26/ 25 | .2 | .5 | .3 | .2 | | | | | | | | | | | | | | | 223 | 223 | 400 | 790 |
| 24/ 23 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | | | 133 | 133 | 249 | 585 |
| 22/ 21 | .1 | .1 | .2 | .0 | | | | | | | | | | | | | | | 77 | 77 | 166 | 530 |
| 20/ 19 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | | 58 | 58 | 93 | 403 |
| 18/ 17 | .0 | .0 | .0 | | | | | | | | | | | | | | | | 20 | 20 | 63 | 387 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | 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 A 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | FEB MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 15/ 13 | | .0 | .0 | | | | | | | | | | | | | | | 10 | 10 | 30 | 339 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 13 | 263 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 188 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 135 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 3 | 127 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 83 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 62 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 38 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 32 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 32 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 8 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 13 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 7 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 11.3 | 29.8 | 20.1 | 15.2 | 10.3 | 6.9 | 3.4 | 1.9 | .0 | .2 | .0 | .0 | | .0 | | | | | 19477 | | 19413 |
| | | | | | | | | | | | | | | | | | | 19413 | | 19413 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 109322183 | 1398885 | 72.1 | 20.944 | 19412 | | | | | | | |
| Dry Bulb | 47394315 | 935473 | 48.0 | 11.248 | 19477 | | 67.4 | 22.6 | 4.6 | .4 | | 672 |
| Wet Bulb | 39577137 | 851101 | 43.8 | 10.798 | 19413 | | 112.9 | 1.6 | | | | 672 |
| Dew Point | 32245924 | 743380 | 38.3 | 13.954 | 19413 | 3.3 | 233.3 | .2 | | | | 672 |

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

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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | | .0 | | | .0 | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | .0 | | | .0 | | | | | 6 | 6 | | |
| 84/ 83 | | | | | | | | .0 | .0 | | | .0 | .0 | | | | | 6 | 6 | | |
| 82/ 81 | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 24 | 24 | | |
| 80/ 79 | | | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | | | | | | 48 | 48 | | |
| 78/ 77 | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | 58 | 58 | | |
| 76/ 75 | | | | .1 | .2 | .1 | .1 | .1 | .0 | .1 | .0 | | .0 | | | | | 147 | 147 | | |
| 74/ 73 | | | .0 | .3 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | 234 | 234 | 1 | |
| 72/ 71 | | .0 | .2 | .3 | .2 | .3 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | 339 | 339 | 11 | |
| 70/ 69 | .0 | .1 | .5 | .6 | .4 | .3 | .3 | .1 | .1 | .1 | .1 | | | | | | | 565 | 565 | 93 | 7 |
| 68/ 67 | .0 | .6 | .5 | .5 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | | | | | | | 697 | 697 | 268 | 85 |
| 66/ 65 | .3 | 1.3 | 1.0 | .7 | .4 | .3 | .2 | .2 | .2 | .1 | .0 | | | | | | | 1038 | 1038 | 596 | 334 |
| 64/ 63 | .5 | 1.8 | 1.0 | .7 | .5 | .4 | .3 | .3 | .1 | .1 | | | | | | | | 1222 | 1222 | 836 | 627 |
| 62/ 61 | .8 | 2.5 | 1.3 | .8 | .6 | .4 | .3 | .3 | .1 | .0 | | | | | | | | 1504 | 1505 | 1195 | 893 |
| 60/ 59 | .9 | 2.5 | 1.3 | .8 | .7 | .6 | .5 | .3 | .1 | .0 | | | | | | | | 1654 | 1654 | 1404 | 1127 |
| 58/ 57 | 1.1 | 2.2 | 1.0 | .8 | .5 | .6 | .5 | .2 | .1 | | | | | | | | | 1505 | 1505 | 1377 | 1240 |
| 56/ 55 | .8 | 2.4 | 1.2 | 1.0 | .7 | .6 | .5 | .2 | .1 | | | | | | | | | 1625 | 1626 | 1433 | 1189 |
| 54/ 53 | .6 | 1.7 | 1.4 | .9 | .8 | .7 | .5 | .2 | .0 | .0 | | | | | | | | 1460 | 1460 | 1345 | 1188 |
| 52/ 51 | .5 | 1.7 | 1.2 | .7 | .8 | .6 | .3 | .1 | .0 | | | | | | | | | 1286 | 1286 | 1341 | 1071 |
| 50/ 49 | .5 | 1.7 | 1.2 | .8 | .8 | .5 | .4 | .1 | | | | | | | | | | 1277 | 1277 | 1380 | 1013 |
| 48/ 47 | .6 | 1.9 | .8 | .6 | .7 | .5 | .2 | .0 | | | | | | | | | | 1188 | 1189 | 1434 | 1127 |
| 46/ 45 | .4 | 1.7 | .9 | .9 | .6 | .5 | .1 | | | | | | | | | | | 1084 | 1084 | 1399 | 1129 |
| 44/ 43 | .4 | 1.5 | .9 | .7 | .5 | .2 | .0 | | | | | | | | | | | 922 | 925 | 1267 | 1052 |
| 42/ 41 | .4 | 1.1 | .8 | .7 | .4 | .1 | .0 | | | | | | | | | | | 750 | 750 | 1199 | 1004 |
| 40/ 39 | .4 | 1.1 | .9 | .6 | .4 | .0 | | | | | | | | | | | | 746 | 746 | 1116 | 986 |
| 38/ 37 | .4 | .8 | .7 | .5 | .2 | .0 | | | | | | | | | | | | 566 | 566 | 958 | 926 |
| 36/ 35 | .4 | .8 | .6 | .4 | .1 | | .0 | | | | | | | | | | | 492 | 494 | 619 | 977 |
| 34/ 33 | .2 | .7 | .5 | .2 | .0 | | | | | | | | | | | | | 355 | 355 | 656 | 887 |
| 32/ 31 | .2 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 280 | 280 | 501 | 859 |
| 30/ 29 | .1 | .5 | .2 | .1 | | | | | | | | | | | | | | 209 | 209 | 388 | 748 |
| 28/ 27 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 90 | 90 | 225 | 554 |
| 26/ 25 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 35 | 35 | 123 | 559 |
| 24/ 23 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 20 | 20 | 43 | 458 |
| 22/ 21 | .0 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 24 | 394 |

| 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

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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 20/ 19 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 7 | 283 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 293 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 181 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 97 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 58 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 29 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 29 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 19 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.7 | 29.8 | 19.2 | 14.0 | 10.2 | 7.4 | 4.9 | 2.7 | 1.2 | .5 | .2 | .1 | .0 | .0 | | | | 21450 | | 21442 | |
| | | | | | | | | | | | | | | | | | | 21442 | 21442 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 123298236 | 1564018 | 72.9 | 20.732 | 21442 | | | | | | | |
| Dry Bulb | 63820785 | 1147721 | 53.5 | 10.600 | 21450 | | 22.3 | 73.7 | 18.2 | 1.9 | | 744 |
| Wet Bulb | 53497660 | 1048792 | 48.9 | 10.125 | 21442 | | 45.6 | 12.9 | .0 | | | 744 |
| Dew Point | 44095920 | 940368 | 43.9 | 13.056 | 21442 | .2 | 158.9 | 3.2 | | | | 744 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR MONTH | ALL HOURS (L. T.)



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | | .0 | | .0 | .0 | | | | | 6 | 6 | | |
| 90/ 89 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 18 | 18 | | |
| 88/ 87 | | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | 23 | 23 | | |
| 86/ 85 | | | | | | .0 | .0 | .1 | .0 | .1 | .1 | .0 | | | | | | 52 | 52 | | |
| 84/ 83 | | | | | | .0 | .1 | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | 75 | 75 | | |
| 82/ 81 | | | | .0 | .0 | .1 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | | | | | 117 | 117 | | |
| 80/ 79 | | | .0 | .0 | .1 | .2 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | 222 | 222 | | |
| 78/ 77 | | | .0 | .1 | .6 | .5 | .3 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | 440 | 440 | | |
| 76/ 75 | | .0 | .1 | .7 | .9 | .7 | .4 | .2 | .1 | .1 | .1 | .0 | | | | | | 693 | 693 | 8 | |
| 74/ 73 | .0 | .1 | .5 | 1.3 | 1.0 | .6 | .3 | .2 | .1 | .1 | .1 | | | | | | | 910 | 910 | 55 | 8 |
| 72/ 71 | .0 | .4 | 1.1 | 1.1 | .9 | .6 | .3 | .2 | .2 | .1 | .0 | | | | | | | 1041 | 1041 | 192 | 39 |
| 70/ 69 | .2 | 1.1 | 2.3 | 1.4 | .9 | .6 | .4 | .3 | .3 | .1 | .0 | | | | | | | 1533 | 1533 | 734 | 185 |
| 68/ 67 | .3 | 2.4 | 2.3 | 1.2 | .7 | .7 | .4 | .4 | .2 | .1 | .0 | | | | | | | 1794 | 1302 | 1363 | 669 |
| 66/ 65 | .7 | 3.3 | 2.1 | 1.1 | .9 | .7 | .5 | .4 | .4 | .1 | .0 | | | | | | | 2074 | 2073 | 1935 | 1376 |
| 64/ 63 | .9 | 3.3 | 1.7 | 1.2 | .8 | .6 | .5 | .4 | .2 | .1 | | | | | | | | 2004 | 2007 | 2052 | 1777 |
| 62/ 61 | .9 | 2.4 | 1.4 | 1.0 | .7 | .6 | .4 | .3 | .1 | .0 | | | | | | | | 1663 | 1667 | 1958 | 1868 |
| 60/ 59 | 1.0 | 2.1 | 1.7 | 1.1 | .8 | .7 | .4 | .3 | .0 | .0 | | | | | | | | 1676 | 1680 | 1784 | 1738 |
| 58/ 57 | .8 | 1.6 | 1.2 | .9 | .7 | .5 | .3 | .1 | .1 | | | | | | | | | 1292 | 1298 | 1578 | 1549 |
| 56/ 55 | .8 | 1.3 | .9 | .8 | .5 | .4 | .3 | .1 | .0 | | | | | | | | | 1009 | 1012 | 1603 | 1331 |
| 54/ 53 | .4 | 1.0 | .6 | .7 | .5 | .3 | .2 | .0 | | | | | | | | | | 755 | 759 | 1305 | 1167 |
| 52/ 51 | .3 | 1.1 | .7 | .4 | .4 | .3 | .1 | .0 | | | | | | | | | | 682 | 686 | 1212 | 1191 |
| 50/ 49 | .3 | 1.0 | .7 | .5 | .3 | .2 | .0 | | | | | | | | | | | 620 | 622 | 1063 | 1048 |
| 48/ 47 | .3 | 1.0 | .6 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | 534 | 534 | 959 | 917 |
| 46/ 45 | .2 | 1.0 | .5 | .3 | .1 | .1 | .0 | | | | | | | | | | | 451 | 452 | 828 | 881 |
| 44/ 43 | .2 | .8 | .3 | .2 | .0 | .0 | | | | | | | | | | | | 310 | 310 | 663 | 877 |
| 42/ 41 | .2 | .5 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 218 | 218 | 506 | 841 |
| 40/ 39 | .2 | .5 | .1 | .1 | .0 | | | | | | | | | | | | | 173 | 173 | 336 | 745 |
| 38/ 37 | .1 | .3 | .1 | .1 | .0 | | | | | | | | | | | | | 131 | 131 | 210 | 553 |
| 36/ 35 | .1 | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 73 | 73 | 137 | 487 |
| 34/ 33 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 48 | 48 | 83 | 348 |
| 32/ 31 | .0 | .1 | .0 | | | | | | | | | | | | | | | 25 | 25 | 56 | 307 |
| 30/ 29 | | .0 | .0 | | | | | | | | | | | | | | | 9 | 9 | 38 | 224 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 11 | 169 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 128 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 100 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 58 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 33 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 17 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 7.9 | 25.8 | 18.8 | 14.5 | 11.3 | 8.3 | 5.4 | 3.6 | 2.4 | 1.1 | .7 | .2 | .1 | .0 | .0 | | | | 20714 | | 20671 |
| | | | | | | | | | | | | | | | | | | 20671 | | 20671 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 120064327 | 1523409 | 73.7 | 19.435 | 20670 | | | | | | | |
| Dry Bulb | 81041707 | 1287221 | 62.1 | 9.452 | 20714 | | 1.2 | 241.0 | 88.8 | 13.8 | | 720 |
| Wet Bulb | 68305126 | 1174968 | 56.8 | 8.571 | 20671 | | 3.7 | 81.9 | 2.2 | | | 720 |
| Dew Point | 59515862 | 1086323 | 52.6 | 10.834 | 20671 | | 37.5 | 31.4 | .3 | | | 720 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | | |
| 98/ 97 | | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | .0 | .0 | | | | | | | 6 | 6 | | |
| 94/ 93 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | 13 | 13 | | |
| 92/ 91 | | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | 32 | 32 | | |
| 90/ 89 | | | | | | .0 | .1 | .1 | .1 | .0 | .1 | .0 | .0 | | | | | | 74 | 74 | | |
| 88/ 87 | | | | | .0 | .0 | .1 | .2 | .1 | .1 | .0 | .0 | | | | | | | 126 | 126 | | |
| 86/ 85 | | | | | .1 | .2 | .2 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | 226 | 226 | | |
| 84/ 83 | | | | .1 | .3 | .4 | .4 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | 394 | 394 | | |
| 82/ 81 | | | .1 | .4 | .6 | .7 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | 661 | 661 | | |
| 80/ 79 | | .0 | .2 | 1.2 | 1.4 | 1.2 | .6 | .3 | .2 | .1 | .1 | .0 | | | | | | | 1154 | 1154 | 8 | |
| 78/ 77 | | .1 | .9 | 1.6 | 1.9 | 1.1 | .6 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | 1498 | 1498 | 90 | 13 |
| 76/ 75 | .1 | .7 | 2.1 | 2.3 | 1.7 | 1.0 | .6 | .4 | .2 | .1 | .0 | .0 | | | | | | | 1962 | 1962 | 471 | 82 |
| 74/ 73 | .1 | 2.1 | 2.9 | 2.3 | 1.3 | .9 | .5 | .4 | .2 | .1 | .0 | | | | | | | | 2279 | 2280 | 1225 | 414 |
| 72/ 71 | .3 | 3.9 | 2.7 | 2.2 | .9 | .6 | .4 | .2 | .2 | .0 | .0 | | | | | | | | 2445 | 2445 | 2229 | 1259 |
| 70/ 69 | 1.0 | 3.7 | 2.6 | 1.4 | .8 | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | | | 2320 | 2321 | 3131 | 2325 |
| 68/ 67 | .9 | 3.4 | 2.3 | .9 | .6 | .4 | .3 | .2 | .1 | .0 | | | | | | | | | 1933 | 1939 | 2923 | 2656 |
| 66/ 65 | 1.0 | 2.6 | 1.5 | .7 | .6 | .2 | .2 | .1 | .0 | .0 | | | | | | | | | 1507 | 1507 | 2644 | 2655 |
| 64/ 63 | .7 | 2.2 | 1.0 | .6 | .3 | .2 | .2 | .1 | | | | | | | | | | | 1134 | 1136 | 1686 | 2304 |
| 62/ 61 | .5 | 1.6 | .7 | .4 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | | 861 | 861 | 1699 | 1948 |
| 60/ 59 | .5 | 1.4 | .7 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 717 | 721 | 1256 | 1467 |
| 58/ 57 | .4 | 1.1 | .6 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 568 | 573 | 1032 | 1275 |
| 56/ 55 | .4 | 1.0 | .4 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | | 452 | 455 | 834 | 1069 |
| 54/ 53 | .3 | .8 | .2 | .1 | .0 | .0 | | | | | | | | | | | | | 314 | 314 | 672 | 942 |
| 52/ 51 | .2 | .6 | .2 | .0 | .0 | .0 | | | | | | | | | | | | | 242 | 242 | 456 | 755 |
| 50/ 49 | .2 | .5 | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 172 | 172 | 313 | 599 |
| 48/ 47 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | | 107 | 107 | 201 | 468 |
| 46/ 45 | .1 | .2 | .0 | .0 | | | | | | | | | | | | | | | 68 | 68 | 139 | 401 |
| 44/ 43 | .0 | .1 | .0 | | | | | | | | | | | | | | | | 27 | 27 | 59 | 261 |
| 42/ 41 | .0 | .0 | | | | | | | | | | | | | | | | | 13 | 13 | 28 | 172 |
| 40/ 39 | | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 11 | 95 |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | | 2 | 2 | 4 | 61 |
| 36/ 35 | | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 2 | 44 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 | 26 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAY — MONTH
ALL — HOURS (L. S. T.)



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 10 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 7. | 26.5 | 19.4 | 15.5 | 11.4 | 7.7 | 5.2 | 3.3 | 2.0 | 1.0 | .5 | .2 | .1 | | | | | 21316 | 21338 | 21316 | 21316 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 132800146 | 1645436 | 77.2 | 16.474 | 21316 | | | | | | | |
| Dry Bulb | 105729649 | 1492211 | 69.9 | 8.031 | 21338 | | | 521.6 | 293.8 | 72.8 | .7 | 744 |
| Wet Bulb | 90376753 | 1380723 | 64.8 | 8.647 | 21316 | | | 351.7 | 62.6 | | | 744 |
| Dew Point | 82483190 | 1315572 | 61.7 | 7.777 | 21316 | | .9 | 235.6 | 17.6 | | | 744 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AF, SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
JUN — MONTH
ALL — HOURS (L. S. T.)



| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 104/103 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 102/101 | | | | | | | | | | .0 | | | .0 | | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | 14 | 14 | | |
| 98/ 97 | | | | | | | | .0 | .0 | .1 | .1 | .0 | .0 | | | | | 41 | 41 | | |
| 96/ 95 | | | | | | | .0 | .0 | .1 | .1 | .1 | .0 | | | | | | 71 | 71 | | |
| 94/ 93 | | | | | | | .0 | .2 | .2 | .1 | .1 | | .0 | | | | | 116 | 116 | | |
| 92/ 91 | | | | | .0 | .1 | .2 | .2 | .2 | .1 | .0 | | .0 | | | | | 162 | 162 | | |
| 90/ 89 | | | | .0 | .2 | .4 | .4 | .3 | .2 | .0 | .0 | .0 | | | | | | 327 | 327 | | |
| 88/ 87 | | | .0 | .1 | .6 | .6 | .5 | .2 | .1 | .0 | .0 | | | | | | | 497 | 497 | | |
| 86/ 85 | | | .0 | .6 | 1.7 | 1.4 | .5 | .2 | .1 | .1 | .0 | .0 | | | | | | 949 | 949 | 1 | |
| 84/ 83 | | .0 | .4 | 1.8 | 2.7 | 1.3 | .4 | .2 | .1 | .1 | .0 | .0 | | | | | | 1445 | 1446 | 21 | |
| 82/ 81 | | .1 | 1.2 | 3.0 | 2.3 | 1.0 | .5 | .3 | .2 | .1 | .0 | | | | | | | 1746 | 1746 | 170 | 18 |
| 80/ 79 | .0 | .7 | 2.2 | 3.5 | 1.5 | 1.2 | .6 | .2 | .2 | .1 | .0 | | | | | | | 2332 | 2332 | 696 | 127 |
| 78/ 77 | .1 | 2.3 | 4.6 | 2.5 | 1.4 | .9 | .4 | .3 | .1 | .0 | .0 | | | | | | | 2539 | 2539 | 1775 | 620 |
| 76/ 75 | .4 | 3.9 | 4.1 | 2.0 | 1.1 | .5 | .3 | .1 | .1 | .0 | | | | | | | | 2504 | 2510 | 3175 | 1759 |
| 74/ 73 | .9 | 4.2 | 2.7 | 1.2 | .7 | .3 | .2 | .1 | .0 | | | | | | | | | 2073 | 2078 | 3595 | 3207 |
| 72/ 71 | 1.0 | 3.6 | 1.4 | .8 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 1529 | 1534 | 2989 | 3716 |
| 70/ 69 | 1.3 | 3.0 | 1.2 | .6 | .3 | .1 | .1 | .0 | | | | | | | | | | 1337 | 1341 | 2530 | 3010 |
| 68/ 67 | .9 | 1.7 | 1.1 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | | 848 | 848 | 1726 | 2095 |
| 66/ 65 | .5 | 1.3 | .7 | .3 | .1 | .0 | | | | | | | | | | | | 595 | 595 | 1140 | 1495 |
| 64/ 63 | .3 | .9 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 373 | 373 | 909 | 1241 |
| 62/ 61 | .2 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | | 233 | 233 | 533 | 839 |
| 60/ 59 | .2 | .5 | .2 | .1 | .0 | | | | | | | | | | | | | 203 | 203 | 373 | 628 |
| 58/ 57 | .1 | .2 | .2 | .0 | | | | | | | | | | | | | | 94 | 94 | 231 | 446 |
| 56/ 55 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 51 | 51 | 136 | 351 |
| 54/ 53 | .0 | .1 | .0 | | | | | | | | | | | | | | | 23 | 23 | 70 | 226 |
| 52/ 51 | .0 | .0 | | | | | | | | | | | | | | | | 7 | 7 | 41 | 175 |
| 50/ 49 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 8 | 11 | 107 |
| 48/ 47 | .0 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 47 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.8 | 23.4 | 21.8 | 17.2 | 13.7 | 8.3 | 4.3 | 2.4 | 1.7 | .9 | .4 | .1 | .0 | | | | | 20124 | 20144 | | 20124 |
| | | | | | | | | | | | | | | | | | | | | 20125 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 129044513 | 1586451 | 78.8 | 14.050 | 20123 | | | | | | | |
| Dry Bulb | 118572314 | 1539154 | 76.4 | 6.937 | 20144 | | | 663.2 | 330.1 | 233.3 | 8.6 | 720 |
| Wet Bulb | 102654808 | 1433420 | 71.2 | 5.267 | 20125 | | | 596.7 | 337.5 | 16.6 | | 720 |
| Dew Point | 95970791 | 1384731 | 68.8 | 5.045 | 20124 | | | 520.6 | 205.0 | 1.9 | | 720 |

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

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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .0 | | .0 | | | | | 15 | 15 | | |
| 96/ 95 | | | | | .0 | .0 | .0 | .0 | .1 | .1 | .0 | .0 | | | | | | 50 | 50 | | |
| 94/ 93 | | | | | .0 | .1 | .1 | .2 | .2 | .0 | .0 | | | | | | | 143 | 143 | | |
| 92/ 91 | | | | .0 | .1 | .2 | .4 | .3 | .1 | .0 | .0 | .0 | | | | | | 243 | 243 | | |
| 90/ 89 | | | .0 | .1 | .5 | 1.1 | .7 | .3 | .1 | .0 | .0 | | | | | | | 577 | 577 | | |
| 88/ 87 | | | .0 | .3 | 1.9 | 1.7 | .6 | .2 | .0 | .0 | | | | | | | | 955 | 955 | 1 | |
| 86/ 85 | | .0 | .2 | 1.9 | 3.9 | 1.8 | .5 | .2 | .1 | .0 | | | | | | | | 1757 | 1757 | 19 | |
| 84/ 83 | .0 | .0 | 1.0 | 3.8 | 3.3 | 1.2 | .6 | .1 | .1 | .0 | | | | | | | | 2077 | 2077 | 75 | 13 |
| 82/ 81 | .0 | .4 | 3.1 | 4.3 | 1.9 | .3 | .4 | .2 | .1 | .0 | | | | | | | | 2288 | 2288 | 471 | 68 |
| 80/ 79 | .1 | 1.8 | 6.2 | 3.0 | 1.1 | .7 | .3 | .2 | .1 | | | | | | | | | 2769 | 2769 | 1827 | 402 |
| 78/ 77 | .2 | 4.6 | 4.9 | 1.8 | .9 | .3 | .1 | .0 | .0 | | | | | | | | | 2651 | 2651 | 3714 | 1771 |
| 76/ 75 | .8 | 6.4 | 2.7 | 1.1 | .4 | .2 | .0 | .0 | | | | | | | | | | 2371 | 2371 | 4614 | 4065 |
| 74/ 73 | 1.6 | 5.5 | 1.7 | .6 | .2 | .0 | .0 | | | | | | | | | | | 1970 | 1970 | 3784 | 5065 |
| 72/ 71 | 1.6 | 3.3 | .7 | .3 | .1 | .0 | | | | | | | | | | | | 1286 | 1286 | 2691 | 3581 |
| 70/ 69 | .9 | 1.5 | .6 | .3 | .0 | | | | | | | | | | | | | 662 | 662 | 1594 | 2171 |
| 68/ 67 | .4 | .6 | .4 | .1 | .0 | | | | | | | | | | | | | 318 | 318 | 830 | 1356 |
| 66/ 65 | .2 | .4 | .3 | .0 | .0 | | | | | | | | | | | | | 190 | 190 | 440 | 788 |
| 64/ 63 | .1 | .2 | .1 | | | | | | | | | | | | | | | 99 | 99 | 250 | 532 |
| 62/ 61 | .0 | .1 | .0 | | | | | | | | | | | | | | | 38 | 38 | 113 | 292 |
| 60/ 59 | .1 | .1 | | | | | | | | | | | | | | | | 29 | 29 | 61 | 212 |
| 58/ 57 | .0 | .0 | | | | | | | | | | | | | | | | 5 | 5 | 11 | 105 |
| 56/ 55 | .0 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 38 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 6.1 | 25.0 | 22.2 | 17.6 | 14.3 | 8.1 | 3.8 | 1.8 | .8 | .3 | .1 | .0 | .0 | | | | | | 20497 | | 20497 |
| | | | | | | | | | | | | | | | | | | 20497 | | 20497 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 137139446 | 1657048 | 80.8 | 12.452 | 20497 | | | | | | | |
| Dry Bulb | 128674594 | 1619398 | 79.0 | 5.844 | 20497 | | | 730.8 | 646.5 | 348.1 | 7.6 | 744 |
| Wet Bulb | 113218931 | 1521209 | 74.2 | 3.955 | 20497 | | | 712.1 | 526.4 | 47.2 | | 744 |
| Dew Point | 107230386 | 1480074 | 72.2 | 4.163 | 20497 | | | 672.3 | 413.2 | 7.6 | | 744 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | AUG MONTH

 | ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | .0 | .0 | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | | | | .0 | .0 | .0 | | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | .0 | .0 | .0 | .0 | .0 | | | | | 16 | 16 | | |
| 96/ 95 | | | | | | | | .0 | .1 | .1 | .0 | | | | | | | 37 | 37 | | |
| 94/ 93 | | | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | 76 | 78 | | |
| 92/ 91 | | | | .0 | .0 | .2 | .3 | .2 | .1 | .0 | | .0 | | | | | | 155 | 155 | | |
| 90/ 89 | | | | .0 | .3 | .7 | .7 | .2 | .1 | .0 | | .0 | | | | | | 417 | 417 | | |
| 88/ 87 | | | .1 | .3 | 1.5 | 1.6 | .7 | .2 | .1 | .0 | .0 | .0 | | | | | | 905 | 905 | 1 | |
| 86/ 85 | | .0 | .2 | 1.5 | 3.3 | 1.8 | .6 | .3 | .1 | .1 | .0 | | | | | | | 1554 | 1554 | 6 | 1 |
| 84/ 83 | .0 | .1 | .9 | 3.2 | 2.6 | 1.4 | .6 | .3 | .2 | .1 | .0 | | | | | | | 1912 | 1912 | 38 | 15 |
| 82/ 81 | .1 | .6 | 3.0 | 3.6 | 1.9 | 1.0 | .6 | .3 | .1 | .0 | .0 | | | | | | | 2252 | 2252 | 374 | 72 |
| 80/ 79 | .1 | 2.3 | 5.0 | 3.0 | 1.5 | .8 | .4 | .2 | .1 | .0 | | | | | | | | 2629 | 2630 | 1535 | 395 |
| 78/ 77 | .4 | 3.7 | 4.8 | 1.6 | .8 | .4 | .2 | .1 | .0 | | | | | | | | | 2256 | 2256 | 3375 | 1578 |
| 76/ 75 | 1.3 | 5.3 | 3.1 | 1.2 | .5 | .2 | .1 | .0 | | | | | | | | | | 2268 | 2268 | 3881 | 3397 |
| 74/ 73 | 1.9 | 4.6 | 1.9 | .8 | .3 | .1 | .0 | | | | | | | | | | | 1945 | 1945 | 3528 | 4312 |
| 72/ 71 | 1.7 | 3.0 | 1.3 | .6 | .2 | .1 | .0 | | | | | | | | | | | 1391 | 1391 | 2718 | 3335 |
| 70/ 69 | 1.1 | 2.0 | 1.0 | .4 | .1 | .0 | .0 | | | | | | | | | | | 929 | 929 | 1752 | 2269 |
| 68/ 67 | .5 | 1.1 | .8 | .2 | .1 | | | | | | | | | | | | | 532 | 532 | 1130 | 1520 |
| 66/ 65 | .3 | .7 | .5 | .1 | .0 | .0 | | | | | | | | | | | | 326 | 326 | 700 | 1076 |
| 64/ 63 | .2 | .6 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 199 | 199 | 455 | 767 |
| 62/ 61 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 107 | 107 | 282 | 589 |
| 60/ 59 | .1 | .1 | .0 | .0 | | | | | | | | | | | | | | 47 | 47 | 133 | 323 |
| 58/ 57 | .0 | .0 | .0 | | | | | | | | | | | | | | | 6 | 6 | 34 | 166 |
| 56/ 55 | | .0 | .0 | | | | | | | | | | | | | | | 4 | 4 | 17 | 91 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 43 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 25 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 7.7 | 24.4 | 21.9 | 17.0 | 13.5 | 8.2 | 4.2 | 1.8 | .9 | .3 | .1 | .0 | .0 | .0 | .0 | | | 19981 | 19982 | | 19981 |
| | | | | | | | | | | | | | | | | | | 19981 | | 19982 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 133861955 | 1614557 | 80.8 | 13.005 | 19978 | | | | | | | |
| Dry Bulb | 122969391 | 1562092 | 78.2 | 6.163 | 19982 | | | 718.3 | 612.2 | 326.8 | 5.1 | 744 |
| Wet Bulb | 108147091 | 1467301 | 73.4 | 4.483 | 19982 | | | 683.5 | 475.0 | 37.9 | | 744 |
| Dew Point | 102236804 | 1426542 | 71.4 | 4.037 | 19981 | | | 629.1 | 363.8 | 7.4 | | 744 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | SEP MONTH

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

| Temp. (F) | WET BULB TEMPEPATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | .0 | .0 | | | | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | .0 | .0 | .0 | | | | | | | 8 | 8 | | |
| 94/ 93 | | | | | | | .0 | .0 | .3 | .0 | .0 | | | | | | | 19 | 19 | | |
| 92/ 91 | | | | | .0 | | .0 | .1 | .1 | .0 | | | | | | | | 34 | 34 | | |
| 90/ 89 | | | | | .0 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | 91 | 91 | | |
| 88/ 87 | | | | .0 | .3 | .4 | .3 | .1 | .1 | .0 | .0 | .0 | | | | | | 268 | 268 | | |
| 86/ 85 | | | .0 | .5 | 1.3 | 1.1 | .4 | .2 | .1 | .1 | .0 | | | | | | | 744 | 744 | | |
| 84/ 83 | | .0 | .4 | 1.6 | 2.0 | 1.2 | .6 | .3 | .2 | .1 | .0 | | | | | | | 1252 | 1258 | 2 | |
| 82/ 81 | | .1 | 1.1 | 2.3 | 1.5 | 1.2 | .6 | .4 | .2 | .1 | | | | | | | | 1484 | 1484 | 23 | 4 |
| 80/ 79 | .0 | .7 | 2.4 | 2.4 | 1.5 | 1.0 | .8 | .4 | .2 | .0 | .0 | | | | | | | 1859 | 1859 | 386 | 44 |
| 78/ 77 | .1 | 1.9 | 3.1 | 1.9 | 1.5 | .8 | .5 | .3 | .1 | .0 | | | | | | | | 2012 | 2012 | 1382 | 455 |
| 76/ 75 | .0 | 2.9 | 2.2 | 1.6 | 1.0 | .6 | .4 | .2 | .1 | .0 | | | | | | | | 1956 | 1956 | 2372 | 1469 |
| 74/ 73 | 1.4 | 3.4 | 2.0 | 1.0 | .9 | .6 | .2 | .2 | .1 | | | | | | | | | 1933 | 1933 | 2664 | 2451 |
| 72/ 71 | 2.1 | 3.0 | 1.8 | .9 | .7 | .2 | .2 | .1 | .0 | | | | | | | | | 1836 | 1836 | 2584 | 2656 |
| 70/ 69 | 1.8 | 3.1 | 1.5 | 1.0 | .5 | .2 | .1 | .1 | .0 | | | | | | | | | 1693 | 1694 | 2361 | 2330 |
| 68/ 67 | 1.0 | 1.8 | 2.1 | .8 | .4 | .2 | .1 | .0 | | | | | | | | | | 1261 | 1261 | 1854 | 2068 |
| 66/ 65 | .8 | 1.9 | 1.5 | .6 | .3 | .0 | .1 | | | | | | | | | | | 1035 | 1035 | 1589 | 1590 |
| 64/ 63 | .3 | 1.5 | 1.1 | .5 | .1 | .0 | .0 | .0 | | | | | | | | | | 773 | 773 | 1413 | 1415 |
| 62/ 61 | .2 | 1.2 | .7 | .4 | .1 | .0 | .0 | | | | | | | | | | | 517 | 518 | 1002 | 1326 |
| 60/ 59 | .2 | .9 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | 404 | 404 | 817 | 1188 |
| 58/ 57 | .2 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 273 | 273 | 503 | 884 |
| 56/ 55 | .1 | .4 | .3 | .1 | .0 | | | | | | | | | | | | | 193 | 193 | 355 | 655 |
| 54/ 53 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | | 85 | 85 | 252 | 448 |
| 52/ 51 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 52 | 52 | 149 | 302 |
| 50/ 49 | .0 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | 22 | 22 | 57 | 229 |
| 48/ 47 | .0 | .0 | .0 | | | | | | | | | | | | | | | 12 | 12 | 40 | 128 |
| 46/ 45 | | .0 | | | | | | | | | | | | | | | | 2 | 2 | 18 | 87 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 4 | 46 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 35 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 11 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 3 |
| 36/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 9.2 | 23.8 | 21.8 | 16.2 | 12.1 | 8.1 | 4.6 | 2.6 | 1.1 | .4 | .1 | .0 | | | | | | 19828 | 19830 | 19828 | 19827 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 129910211 | 1579329 | 79.7 | 14.384 | 19826 |
| Dry Bulb | 109106646 | 1463338 | 73.8 | 7.518 | 19830 |
| Wet Bulb | 95219603 | 1368261 | 69.0 | 6.355 | 19828 |
| Dew Point | 88901296 | 1320182 | 66.6 | 7.091 | 19827 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | 597.7 | 423.7 | 177.8 | 1.1 | 720 |
| Dry Bulb | | | 494.9 | 248.0 | 5.0 | | 720 |
| Wet Bulb | | | 416.8 | 160.6 | .3 | | 720 |
| Dew Point | | | | | | | 720 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | | | | .0 | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | | .0 | | | .0 | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | .0 | .0 | .0 | .0 | .0 | .0 | | | | | | | 13 | 13 | | |
| 88/ 87 | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 24 | 24 | | |
| 86/ 85 | | | | .0 | .0 | .1 | .0 | .0 | .0 | | | | | | | | | 44 | 44 | | |
| 84/ 83 | | | .0 | .1 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | 117 | 117 | | |
| 82/ 81 | | .0 | .1 | .2 | .4 | .4 | .2 | .2 | .1 | .1 | .0 | | .0 | | | | | 343 | 343 | | |
| 80/ 79 | | .1 | .3 | .4 | .8 | .5 | .4 | .2 | .2 | .1 | .0 | .0 | | | | | | 621 | 621 | 21 | 4 |
| 78/ 77 | .0 | .3 | .6 | .7 | .9 | .7 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | 869 | 871 | 85 | 23 |
| 76/ 75 | .1 | .7 | 1.0 | 1.2 | .9 | .8 | .4 | .3 | .1 | .1 | .0 | .0 | | | | | | 1165 | 1166 | 280 | 138 |
| 74/ 73 | .2 | 1.4 | 1.1 | 1.1 | .9 | .7 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | 1326 | 1328 | 620 | 330 |
| 72/ 71 | .4 | 1.6 | 1.4 | 1.1 | .8 | .5 | .5 | .3 | .2 | .1 | .0 | | | | | | | 1392 | 1398 | 1138 | 690 |
| 70/ 69 | .6 | 2.1 | 1.7 | 1.0 | .7 | .6 | .6 | .3 | .1 | .0 | .0 | | | | | | | 1620 | 1630 | 1334 | 1022 |
| 68/ 67 | .7 | 2.9 | 1.8 | .7 | .6 | .5 | .3 | .3 | .1 | .0 | | | | | | | | 1676 | 1684 | 1684 | 1287 |
| 66/ 65 | .9 | 2.8 | 1.9 | .9 | .5 | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | | 1665 | 1667 | 1981 | 1524 |
| 64/ 63 | .8 | 2.7 | 1.4 | .7 | .3 | .4 | .3 | .2 | .1 | | | | | | | | | 1405 | 1408 | 1692 | 1649 |
| 62/ 61 | .7 | 2.4 | 1.2 | .6 | .4 | .4 | .3 | .2 | .0 | | | | | | | | | 1264 | 1272 | 1678 | 1642 |
| 60/ 59 | .9 | 2.3 | 1.2 | .6 | .5 | .2 | .2 | .1 | .0 | | | | | | | | | 1253 | 1255 | 1566 | 1537 |
| 58/ 57 | .8 | 2.0 | 1.1 | .6 | .4 | .2 | .1 | .1 | | | | | | | | | | 1102 | 1104 | 1422 | 1357 |
| 56/ 55 | .6 | 1.8 | 1.0 | .6 | .3 | .1 | .1 | .0 | .0 | | | | | | | | | 929 | 930 | 1297 | 1269 |
| 54/ 53 | .4 | 1.6 | 1.0 | .5 | .2 | .1 | .1 | .0 | | | | | | | | | | 809 | 810 | 1089 | 1122 |
| 52/ 51 | .3 | 1.4 | .8 | .4 | .1 | .1 | .0 | .0 | | | | | | | | | | 643 | 643 | 1066 | 1065 |
| 50/ 49 | .3 | 1.3 | .6 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | | 575 | 575 | 868 | 991 |
| 48/ 47 | .3 | 1.0 | .4 | .1 | .1 | .0 | | | | | | | | | | | | 392 | 392 | 734 | 887 |
| 46/ 45 | .3 | .8 | .4 | .1 | .1 | .0 | | | | | | | | | | | | 352 | 352 | 578 | 887 |
| 44/ 43 | .2 | .6 | .2 | .1 | .0 | .0 | | | | | | | | | | | | 265 | 265 | 413 | 696 |
| 42/ 41 | .2 | .6 | .1 | .1 | .0 | .0 | | | | | | | | | | | | 207 | 207 | 339 | 581 |
| 40/ 39 | .2 | .4 | .2 | .0 | .0 | | | | | | | | | | | | | 157 | 157 | 250 | 507 |
| 38/ 37 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 114 | 114 | 152 | 311 |
| 36/ 35 | .0 | .2 | .1 | .0 | | | | | | | | | | | | | | 62 | 62 | 114 | 254 |
| 34/ 33 | .0 | .2 | .0 | .0 | | | | | | | | | | | | | | 31 | 31 | 63 | 215 |
| 32/ 31 | .0 | .0 | .0 | | | | | | | | | | | | | | | 14 | 14 | 43 | 159 |
| 30/ 29 | .0 | .0 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 119 |
| 28/ 27 | .0 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 79 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 26/ 25 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 37 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 19 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 16 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 10 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 9 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 6 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 9.4 | 31.3 | 19.7 | 12.4 | 9.3 | 6.9 | 5.3 | 3.3 | 1.7 | .6 | .2 | .1 | .0 | | | | | 20465 | 20511 | 20465 | 20465 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 130363107 | 1593797 | 77.9 | 17.461 | 20465 | | | | | | | |
| Dry Bulb | 86481313 | 1315527 | 64.1 | 10.134 | 20511 | | .9 | 335.3 | 164.4 | 30.0 | .1 | 744 |
| Wet Bulb | 74238805 | 1218641 | 59.5 | 9.172 | 20465 | | 2.2 | 187.7 | 36.0 | .3 | | 744 |
| Dew Point | 67097191 | 1151683 | 56.3 | 10.368 | 20465 | | 17.3 | 127.0 | 18.0 | | | 744 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 84/ 83 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | .0 | .0 | .0 | .0 | .0 | | | | | | | | | 20 | 20 | | |
| 80/ 79 | | | .0 | .0 | .0 | .1 | .0 | .0 | .0 | .0 | .0 | | | | | | | 56 | 56 | | |
| 78/ 77 | | | .0 | .1 | .1 | .1 | .1 | .0 | .0 | .0 | .0 | | | | | | | 122 | 124 | | |
| 76/ 75 | | .0 | .1 | .2 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | | 211 | 213 | 3 | |
| 74/ 73 | | .1 | .2 | .4 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | | | | | | | 382 | 393 | 43 | 15 |
| 72/ 71 | .0 | .3 | .5 | .4 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | | | | | | | 519 | 528 | 129 | 49 |
| 70/ 69 | .1 | .8 | 1.1 | .8 | .5 | .3 | .3 | .2 | .1 | .1 | .0 | | | | | | | 863 | 886 | 271 | 151 |
| 68/ 67 | .3 | 1.1 | 1.3 | .7 | .5 | .4 | .3 | .2 | .1 | .0 | .0 | | | | | | | 1045 | 1064 | 564 | 346 |
| 66/ 65 | .0 | 1.8 | 1.2 | .8 | .6 | .4 | .3 | .2 | .2 | .1 | .0 | | | | | | | 1276 | 1289 | 843 | 575 |
| 64/ 63 | .7 | 2.0 | 1.3 | .7 | .5 | .5 | .3 | .2 | .1 | .0 | | | | | | | | 1300 | 1327 | 1176 | 878 |
| 62/ 61 | .6 | 1.9 | .9 | .8 | .5 | .5 | .3 | .3 | .1 | .0 | | | | | | | | 1180 | 1207 | 1212 | 954 |
| 60/ 59 | .5 | 1.8 | 1.1 | .7 | .5 | .5 | .5 | .2 | .1 | | | | | | | | | 1196 | 1225 | 1104 | 1035 |
| 58/ 57 | .5 | 1.8 | 1.2 | .5 | .5 | .5 | .5 | .2 | .1 | | | | | | | | | 1166 | 1186 | 1131 | 1046 |
| 56/ 55 | .6 | 1.8 | 1.0 | .8 | .5 | .6 | .5 | .2 | .0 | | | | | | | | | 1180 | 1202 | 1166 | 941 |
| 54/ 53 | .5 | 1.6 | .9 | .6 | .6 | .6 | .4 | .1 | .0 | | | | | | | | | 1108 | 1129 | 1176 | 969 |
| 52/ 51 | .4 | 1.5 | .7 | .7 | .6 | .5 | .3 | .1 | | .0 | | | | | | | | 989 | 1011 | 1087 | 972 |
| 50/ 49 | .6 | 1.7 | 1.3 | .7 | .6 | .4 | .2 | .0 | | | | | | | | | | 1112 | 1129 | 1113 | 993 |
| 48/ 47 | .5 | 1.9 | 1.0 | .7 | .4 | .3 | .1 | | | | | | | | | | | 992 | 1008 | 1198 | 916 |
| 46/ 45 | .7 | 2.1 | 1.0 | .6 | .4 | .2 | .0 | | | | | | | | | | | 1029 | 1050 | 1376 | 1036 |
| 44/ 43 | .7 | 1.7 | .9 | .7 | .3 | .2 | .0 | | | | | | | | | | | 883 | 903 | 1236 | 1092 |
| 42/ 41 | .6 | 1.4 | .5 | .5 | .2 | .1 | | | | | | | | | | | | 733 | 752 | 1648 | 1017 |
| 40/ 39 | .4 | 1.3 | .9 | .5 | .2 | .0 | | | | | | | | | | | | 658 | 679 | 925 | 934 |
| 38/ 37 | .4 | 1.2 | .6 | .4 | .1 | .0 | | | | | | | | | | | | 557 | 565 | 809 | 916 |
| 36/ 35 | .4 | 1.0 | .5 | .3 | .1 | .0 | | | | | | | | | | | | 442 | 445 | 662 | 952 |
| 34/ 33 | .4 | .9 | .5 | .2 | .0 | | | | | | | | | | | | | 409 | 411 | 606 | 801 |
| 32/ 31 | .3 | .7 | .3 | .1 | .0 | | | | | | | | | | | | | 290 | 293 | 440 | 794 |
| 30/ 29 | .2 | .6 | .2 | .0 | | | | | | | | | | | | | | 207 | 210 | 334 | 656 |
| 28/ 27 | .1 | .4 | .1 | .0 | | | | | | | | | | | | | | 119 | 119 | 230 | 480 |
| 26/ 25 | .1 | .2 | .0 | .0 | | | | | | | | | | | | | | 69 | 69 | 123 | 442 |
| 24/ 23 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 24 | 24 | 58 | 343 |
| 22/ 21 | .0 | .0 | .0 | | | | | | | | | | | | | | | 15 | 15 | 19 | 272 |
| 20/ 19 | .0 | .0 | .0 | | | | | | | | | | | | | | | 13 | 13 | 22 | 160 |
| 18/ 17 | | .0 | .0 | | | | | | | | | | | | | | | 8 | 8 | 13 | 154 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 7 | 126 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 43 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 12 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 14 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 10.3 | 32.1 | 19.8 | 13.0 | 9.0 | 7.0 | 4.8 | 2.5 | 1.1 | .3 | .1 | | | | | | | | 20560 | | 20174 |
| | | | | | | | | | | | | | | | | | | 20175 | | 20175 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 121508727 | 1515457 | 75.1 | 19.497 | 20174 | | | | | | | |
| Dry Bulb | 63479256 | 1116830 | 54.3 | 11.696 | 20560 | | 26.5 | 115.1 | 28.3 | 1.7 | | 720 |
| Wet Bulb | 52851270 | 1008606 | 50.0 | 10.971 | 20175 | | 44.5 | 36.0 | 1.6 | | | 720 |
| Dew Point | 45405169 | 919781 | 45.6 | 13.116 | 20174 | .2 | 128.0 | 20.0 | .5 | | | 720 |

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

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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-46,49-72 — YEARS
DEC — MONTH
PAGE 1
ALL — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | .0 | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 9 | 9 | | |
| 78/ 77 | | | .0 | | .0 | .0 | .0 | .0 | .0 | | .0 | | | | | | | 29 | 29 | | |
| 76/ 75 | | | .0 | .0 | .0 | .1 | .1 | .0 | .0 | | .0 | | | | | | | 54 | 54 | | |
| 74/ 73 | | .0 | .0 | .1 | .1 | .1 | .0 | .0 | | .0 | | | | | | | | 64 | 64 | 1 | |
| 72/ 71 | | .0 | .1 | .2 | .1 | .1 | .1 | .0 | .0 | | .0 | | | | | | | 134 | 134 | 11 | 1 |
| 70/ 69 | .0 | .2 | .3 | .3 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | | 238 | 238 | 38 | 10 |
| 68/ 67 | .1 | .4 | .5 | .3 | .2 | .2 | .1 | .1 | .0 | .0 | .0 | | | | | | | 381 | 381 | 138 | 65 |
| 66/ 65 | .2 | 1.1 | .7 | .4 | .2 | .1 | .1 | .1 | .1 | .0 | | | | | | | | 645 | 648 | 323 | 186 |
| 64/ 63 | .3 | 1.5 | .7 | .4 | .2 | .2 | .1 | .1 | .1 | .0 | .0 | | | | | | | 796 | 810 | 588 | 389 |
| 62/ 61 | .6 | 1.7 | .8 | .4 | .3 | .2 | .2 | .1 | .0 | .0 | .0 | | | | | | | 869 | 880 | 744 | 626 |
| 60/ 59 | .8 | 1.7 | .8 | .4 | .3 | .4 | .2 | .2 | .0 | .0 | | | | | | | | 1004 | 1007 | 872 | 739 |
| 58/ 57 | .6 | 1.6 | .8 | .5 | .3 | .4 | .3 | .1 | .0 | .0 | | | | | | | | 1009 | 1012 | 772 | 745 |
| 56/ 55 | .6 | 1.6 | .8 | .7 | .6 | .5 | .3 | .2 | .0 | | | | | | | | | 1124 | 1127 | 865 | 747 |
| 54/ 53 | .5 | 1.6 | 1.0 | .7 | .7 | .5 | .3 | .0 | .0 | | | | | | | | | 1129 | 1132 | 817 | 732 |
| 52/ 51 | .6 | 1.4 | .9 | .8 | .8 | .6 | .2 | .0 | .0 | | | | | | | | | 1111 | 1115 | 883 | 790 |
| 50/ 49 | .6 | 1.6 | 1.0 | 1.0 | .8 | .6 | .2 | .0 | | | | | | | | | | 1246 | 1252 | 1067 | 741 |
| 48/ 47 | .6 | 1.6 | .9 | 1.0 | .7 | .5 | .2 | .0 | | | | | | | | | | 1192 | 1193 | 1161 | 748 |
| 46/ 45 | .7 | 1.6 | .9 | .9 | .6 | .4 | .1 | | | | | | | | | | | 1124 | 1125 | 1272 | 914 |
| 44/ 43 | .5 | 1.7 | 1.1 | .9 | .6 | .3 | .1 | | | | | | | | | | | 1108 | 1108 | 1201 | 870 |
| 42/ 41 | .8 | 1.7 | 1.1 | .8 | .7 | .3 | .0 | | | | | | | | | | | 1147 | 1147 | 1354 | 899 |
| 40/ 39 | .7 | 1.7 | 1.4 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | 1186 | 1187 | 1244 | 1060 |
| 38/ 37 | .5 | 1.7 | 1.2 | .8 | .4 | .1 | | | | | | | | | | | | 991 | 993 | 1226 | 1017 |
| 36/ 35 | .6 | 1.8 | 1.1 | .7 | .3 | .0 | | | | | | | | | | | | 946 | 948 | 1250 | 1120 |
| 34/ 33 | .4 | 1.8 | 1.1 | .6 | .1 | | | | | | | | | | | | | 869 | 871 | 1098 | 1080 |
| 32/ 31 | .4 | 1.6 | 1.0 | .5 | .1 | | | | | | | | | | | | | 754 | 758 | 1073 | 1109 |
| 30/ 29 | .3 | 1.5 | 1.1 | .4 | .0 | | | | | | | | | | | | | 696 | 696 | 891 | 1044 |
| 28/ 27 | .4 | 1.2 | .6 | .2 | | | | | | | | | | | | | | 527 | 528 | 792 | 781 |
| 26/ 25 | .2 | .8 | .4 | .1 | | | | | | | | | | | | | | 317 | 318 | 607 | 972 |
| 24/ 23 | .2 | .6 | .2 | .0 | | | | | | | | | | | | | | 208 | 208 | 394 | 790 |
| 22/ 21 | .1 | .4 | .1 | .0 | | | | | | | | | | | | | | 125 | 125 | 236 | 656 |
| 20/ 19 | .1 | .2 | .1 | .0 | | | | | | | | | | | | | | 84 | 84 | 149 | 508 |
| 18/ 17 | .1 | .1 | .0 | | | | | | | | | | | | | | | 37 | 37 | 64 | 544 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26 5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH



ALL HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 15/ 15 | .3 | .1 | .0 | | | | | | | | | | | | | | | 22 | 22 | 30 | 458 |
| 14/ 13 | .3 | .1 | .0 | | | | | | | | | | | | | | | 17 | 17 | 22 | 269 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 4 | 4 | 11 | 181 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 5 | 81 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 101 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 97 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 58 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 37 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 12 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 7 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 4 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.4 | 34.4 | 20.7 | 14.0 | 9.1 | 5.9 | 2.8 | 1.2 | .3 | .1 | .0 | | | | | | | | 21264 | | 21196 |
| | | | | | | | | | | | | | | | | | | 21199 | | 21199 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 125275009 | 1574867 | 74.3 | 19.744 | 21196 | | | | | | | |
| Dry Bulb | 50213433 | 1000757 | 47.1 | 12.102 | 21264 | | 97.9 | 31.9 | 5.6 | .3 | | 744 |
| Wet Bulb | 42622398 | 917790 | 43.3 | 11.671 | 21199 | | 150.0 | 6.6 | .0 | | | 744 |
| Dew Point | 35460989 | 812691 | 38.2 | 14.278 | 21196 | 1.0 | 270.8 | 2.7 | | | | 744 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | | |
| 66/ 65 | | .7 | .4 | .1 | | | | | | | | | | | | | | 34 | 34 | 3 | 2 |
| 64/ 63 | .8 | 1.5 | .4 | .2 | | | | | | | | | | | | | | 76 | 76 | 55 | 38 |
| 62/ 61 | .7 | 2.1 | .5 | .1 | | .0 | | | | | | | | | | | | 91 | 91 | 73 | 67 |
| 60/ 59 | 1.1 | 1.9 | .3 | .1 | .2 | | | | | | | | | | | | | 94 | 94 | 106 | 84 |
| 58/ 57 | .7 | 2.1 | .6 | .1 | .0 | .1 | | .0 | | | | | | | | | | 103 | 103 | 87 | 86 |
| 56/ 55 | 1.4 | 1.5 | .7 | .2 | .1 | .1 | .1 | | | | | | | | | | | 115 | 115 | 93 | 105 |
| 54/ 53 | .7 | 2.3 | .4 | .2 | .2 | .0 | .0 | | | | | | | | | | | 107 | 107 | 101 | 79 |
| 52/ 51 | 1.1 | 2.2 | .6 | .1 | .4 | .2 | | | | | | | | | | | | 122 | 122 | 106 | 101 |
| 50/ 49 | 1.0 | 2.0 | 1.0 | .3 | .4 | .1 | | | | | | | | | | | | 130 | 130 | 113 | 105 |
| 48/ 47 | .9 | 2.7 | .9 | .5 | .4 | | | | | | | | | | | | | 143 | 143 | 113 | 85 |
| 46/ 45 | .7 | 2.2 | 1.2 | .9 | .4 | | | | | | | | | | | | | 143 | 143 | 140 | 117 |
| 44/ 43 | .9 | 2.4 | 1.1 | .7 | .3 | .1 | | | | | | | | | | | | 145 | 146 | 127 | 109 |
| 42/ 41 | 1.0 | 1.7 | .9 | .6 | .2 | | .0 | | | | | | | | | | | 121 | 121 | 145 | 110 |
| 40/ 39 | 1.2 | 3.4 | 1.5 | .8 | .1 | .0 | | | | | | | | | | | | 188 | 188 | 158 | 121 |
| 38/ 37 | .6 | 2.6 | 1.5 | 1.0 | .1 | .0 | | | | | | | | | | | | 163 | 163 | 159 | 140 |
| 36/ 35 | 1.2 | 3.0 | 1.3 | .8 | .1 | .0 | | | | | | | | | | | | 174 | 174 | 172 | 158 |
| 34/ 33 | 1.1 | 2.1 | 1.6 | .6 | .0 | | | | | | | | | | | | | 146 | 146 | 166 | 140 |
| 32/ 31 | .7 | 2.4 | .9 | .6 | .0 | | | | | | | | | | | | | 125 | 126 | 142 | 136 |
| 30/ 29 | .7 | 3.8 | 1.0 | .3 | .0 | | | | | | | | | | | | | 157 | 157 | 170 | 129 |
| 28/ 27 | .5 | 2.2 | .7 | .1 | | | | | | | | | | | | | | 95 | 95 | 146 | 131 |
| 26/ 25 | .5 | 2.2 | .8 | .0 | | | | | | | | | | | | | | 96 | 96 | 116 | 140 |
| 24/ 23 | .4 | .9 | .6 | | | | | | | | | | | | | | | 48 | 48 | 82 | 113 |
| 22/ 21 | .2 | .4 | .3 | | | | | | | | | | | | | | | 23 | 23 | 46 | 97 |
| 20/ 19 | .2 | .3 | .1 | | | | | | | | | | | | | | | 15 | 15 | 28 | 67 |
| 18/ 17 | | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 10 | 47 |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 7 | 55 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 5 | 35 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 21 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 19 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 7 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ref. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 18.8 | 49.1 | 19.4 | 8.5 | 3.1 | .9 | .1 | .0 | | | | | | | | | | 2669 | 2669 | 2669 | 2669 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18890686 | 220704 | 82.7 | 15.492 | 2669 | | | | | | | |
| Dry Bulb | 3235974 | 114214 | 42.8 | 11.428 | 2669 | | 19.9 | .1 | | | | 93 |
| Wet Bulb | 4776372 | 108595 | 40.7 | 11.582 | 2669 | | 26.2 | | | | | 93 |
| Dew Point | 4253228 | 100098 | 37.5 | 13.678 | 2669 | .1 | 35.6 | | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | .1 | .2 | | | | | | | | | | | | | | | 10 | 10 | | |
| 66/ 65 | .1 | .4 | .4 | | | | | | | | | | | | | | | 25 | 25 | 14 | 7 |
| 64/ 63 | .4 | 1.5 | .6 | .1 | | | | | | | | | | | | | | 68 | 68 | 38 | 29 |
| 62/ 61 | .5 | 2.0 | .4 | .1 | .0 | | | | | | | | | | | | | 83 | 83 | 62 | 50 |
| 60/ 59 | .3 | 2.3 | .3 | | .1 | .1 | | | | | | | | | | | | 99 | 99 | 107 | 91 |
| 58/ 57 | 1.0 | 1.6 | .3 | .1 | .1 | | | | | | | | | | | | | 83 | 83 | 98 | 105 |
| 56/ 55 | 1.1 | 1.8 | .5 | .1 | .0 | | | | | | | | | | | | | 95 | 95 | 84 | 90 |
| 54/ 53 | 1.3 | 1.5 | .4 | .3 | .1 | | .1 | | | | | | | | | | | 101 | 101 | 89 | 83 |
| 52/ 51 | .9 | 1.9 | .5 | .2 | .1 | .1 | | | | | | | | | | | | 101 | 101 | 87 | 85 |
| 50/ 49 | 1.2 | 2.0 | .7 | .4 | .1 | .1 | | | | | | | | | | | | 122 | 122 | 103 | 86 |
| 48/ 47 | .8 | 2.7 | .3 | .2 | .1 | .1 | | | | | | | | | | | | 108 | 108 | 93 | 77 |
| 46/ 45 | 1.4 | 2.6 | .6 | .6 | .2 | | | | | | | | | | | | | 150 | 150 | 141 | 115 |
| 44/ 43 | 1.2 | 3.0 | 1.0 | .6 | .4 | | | | | | | | | | | | | 170 | 170 | 130 | 126 |
| 42/ 41 | 1.1 | 1.7 | .6 | .7 | .5 | | | | | | | | | | | | | 123 | 123 | 133 | 116 |
| 40/ 39 | 1.0 | 3.3 | 1.2 | .3 | .1 | | | | | | | | | | | | | 159 | 159 | 141 | 103 |
| 38/ 37 | .8 | 3.1 | 1.1 | .2 | | | | | | | | | | | | | | 141 | 141 | 157 | 117 |
| 36/ 35 | 1.3 | 3.0 | 1.6 | .2 | .1 | .0 | | | | | | | | | | | | 185 | 185 | 182 | 151 |
| 34/ 33 | 1.3 | 2.8 | 1.5 | .4 | | .1 | | | | | | | | | | | | 158 | 158 | 153 | 133 |
| 32/ 31 | 1.3 | 2.4 | 1.5 | .3 | | | | | | | | | | | | | | 146 | 146 | 153 | 133 |
| 30/ 29 | .8 | 3.6 | 1.6 | .1 | | | | | | | | | | | | | | 160 | 160 | 166 | 144 |
| 28/ 27 | .9 | 2.7 | 1.0 | .1 | | | | | | | | | | | | | | 125 | 125 | 171 | 103 |
| 26/ 25 | 1.0 | 2.0 | .6 | .1 | | | | | | | | | | | | | | 98 | 98 | 130 | 135 |
| 24/ 23 | .5 | 1.2 | .5 | | | | | | | | | | | | | | | 58 | 58 | 85 | 135 |
| 22/ 21 | .4 | 1.2 | .3 | | | | | | | | | | | | | | | 53 | 53 | 56 | 131 |
| 20/ 19 | .3 | .6 | .0 | | | | | | | | | | | | | | | 25 | 25 | 60 | 77 |
| 18/ 17 | .2 | .2 | .1 | | | | | | | | | | | | | | | 14 | 14 | 24 | 57 |
| 16/ 15 | | .1 | .1 | | | | | | | | | | | | | | | 8 | 8 | 5 | 53 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 52 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 3 | 34 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 22 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 27/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -27/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 21.2 | 51.5 | 18.4 | 6.3 | 2.1 | .5 | .1 | | | | | | | | | | | | 2071 | | 2670 |
| | | | | | | | | | | | | | | | | | | 2671 | | 2671 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19297778 | 223586 | 83.7 | 14.674 | 2670 | | | | | | | |
| Dry Bulb | 4983161 | 110967 | 41.5 | 11.820 | 2671 | | 24.0 | .4 | | | | 93 |
| Wet Bulb | 4582866 | 105938 | 39.7 | 11.947 | 2671 | | 29.9 | | | | | 93 |
| Dew Point | 4109582 | 97906 | 36.7 | 13.951 | 2670 | .2 | 38.5 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | .2 | .0 | | | | | | | | | | | | | | | 6 | 6 | | |
| 66/ 65 | .1 | 1.0 | .4 | | .0 | | | | | | | | | | | | | 42 | 42 | 17 | 11 |
| 64/ 63 | .2 | 1.1 | .3 | .0 | | | | | | | | | | | | | | 45 | 45 | 30 | 21 |
| 62/ 61 | .3 | 2.1 | .3 | .0 | | | | | | | | | | | | | | 79 | 79 | 59 | 46 |
| 60/ 59 | 1.1 | 2.4 | .4 | .2 | .2 | .1 | | | | | | | | | | | | 118 | 119 | 117 | 104 |
| 58/ 57 | .7 | 1.4 | .4 | .2 | .1 | | | | | | | | | | | | | 75 | 75 | 85 | 91 |
| 56/ 55 | 1.0 | 1.7 | .3 | .3 | .0 | | | | | | | | | | | | | 93 | 94 | 81 | 85 |
| 54/ 53 | 1.4 | 1.8 | .3 | .1 | | .0 | | | | | | | | | | | | 98 | 98 | 89 | 82 |
| 52/ 51 | 1.0 | 2.2 | .4 | .2 | | .0 | | | | | | | | | | | | 105 | 105 | 101 | 81 |
| 50/ 49 | 1.3 | 2.2 | .7 | .2 | | | | | | | | | | | | | | 119 | 119 | 122 | 112 |
| 48/ 47 | .8 | 2.5 | 1.0 | .3 | .2 | .0 | | | | | | | | | | | | 129 | 129 | 96 | 90 |
| 46/ 45 | .6 | 2.4 | .7 | .4 | .0 | .1 | | | | | | | | | | | | 111 | 111 | 112 | 90 |
| 44/ 43 | 1.1 | 2.3 | .7 | .5 | .4 | | | | | | | | | | | | | 133 | 133 | 115 | 120 |
| 42/ 41 | .9 | 2.5 | .9 | .6 | .4 | | | | | | | | | | | | | 145 | 145 | 131 | 101 |
| 40/ 39 | 1.0 | 2.9 | 1.5 | .6 | .1 | | | | | | | | | | | | | 163 | 163 | 121 | 115 |
| 38/ 37 | .6 | 3.2 | 1.6 | .5 | .0 | | | | | | | | | | | | | 161 | 161 | 133 | 115 |
| 36/ 35 | 1.3 | 3.7 | 1.3 | .6 | | | | | | | | | | | | | | 186 | 186 | 213 | 112 |
| 34/ 33 | .9 | 3.3 | 1.9 | .4 | | .0 | | | | | | | | | | | | 177 | 177 | 178 | 171 |
| 32/ 31 | 1.2 | 2.7 | 1.2 | .4 | .1 | | | | | | | | | | | | | 149 | 149 | 171 | 147 |
| 30/ 29 | .5 | 2.8 | 1.4 | .1 | | | | | | | | | | | | | | 129 | 129 | 146 | 158 |
| 28/ 27 | .8 | 2.2 | 1.1 | .0 | | | | | | | | | | | | | | 110 | 110 | 149 | 94 |
| 26/ 25 | .7 | 2.8 | .7 | | | | | | | | | | | | | | | 114 | 114 | 133 | 118 |
| 24/ 23 | .4 | 1.6 | .8 | .1 | | | | | | | | | | | | | | 79 | 79 | 102 | 136 |
| 22/ 21 | .3 | .9 | .3 | | | | | | | | | | | | | | | 40 | 40 | 63 | 119 |
| 20/ 19 | .3 | .6 | .3 | | | | | | | | | | | | | | | 39 | 40 | 49 | 91 |
| 18/ 17 | .3 | .3 | .1 | | | | | | | | | | | | | | | 18 | 18 | 37 | 60 |
| 16/ 15 | .0 | .3 | | | | | | | | | | | | | | | | 8 | 8 | 12 | 63 |
| 14/ 13 | | .3 | | | | | | | | | | | | | | | | 7 | 7 | 9 | 36 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 5 | 42 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 17 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | HYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 19. | 25 | 3.4 | 19.5 | 5.3 | 1.7 | .3 | | | | | | | | | | | 2678 | 2681 | 2678 | 2678 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19236866 | 223762 | 83.6 | 14.207 | 2678 | | | | | | | |
| Dry Bulb | 4938380 | 110498 | 41.2 | 11.973 | 2681 | | 24.1 | .2 | | | | 93 |
| Wet Bulb | 4539837 | 105377 | 39.3 | 12.122 | 2678 | | 30.5 | | | | | 93 |
| Dew Point | 4071742 | 97295 | 36.3 | 14.162 | 2678 | .2 | 39.3 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | .1 | .1 | .0 | .0 | | | | | | | | | | 6 | 6 | | |
| 74/ 73 | | | | .1 | .3 | .3 | .0 | .0 | | | | | | | | | | 18 | 18 | | |
| 72/ 71 | | | .1 | .3 | .3 | .2 | .1 | | | | | | | | | | | 26 | 26 | | |
| 70/ 69 | | .2 | .6 | .6 | .4 | | | | .1 | | | | | | | | | 50 | 50 | | |
| 68/ 67 | | .3 | .9 | .5 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 66 | 66 | 20 | 3 |
| 66/ 65 | .1 | .9 | 1.0 | .7 | .4 | .2 | .1 | | | | | | | | | | | 91 | 91 | 56 | 18 |
| 64/ 63 | .2 | 1.2 | .3 | .6 | .4 | .1 | .1 | .1 | | | | | | | | | | 95 | 96 | 88 | 55 |
| 62/ 61 | .3 | 1.6 | .9 | .5 | .3 | .3 | .1 | .1 | | | | | | | | | | 107 | 109 | 89 | 73 |
| 60/ 59 | .0 | 1.5 | 1.1 | .8 | .3 | .3 | .2 | | .0 | | | | | | | | | 128 | 128 | 115 | 114 |
| 58/ 57 | .4 | 1.1 | .8 | .6 | .4 | .2 | .2 | .0 | | | | | | | | | | 102 | 103 | 103 | 87 |
| 56/ 55 | .6 | 1.2 | 1.1 | .8 | .2 | .4 | .3 | .1 | | | | | | | | | | 125 | 125 | 116 | 102 |
| 54/ 53 | .3 | 1.5 | 1.0 | 1.0 | .7 | .6 | .3 | .1 | | | | | | | | | | 141 | 141 | 94 | 97 |
| 52/ 51 | .3 | 1.5 | .9 | 1.2 | .9 | .6 | .3 | | | | | | | | | | | 150 | 150 | 125 | 97 |
| 50/ 49 | .6 | 1.6 | 1.1 | 1.0 | .9 | .7 | .3 | .0 | | | | | | | | | | 171 | 171 | 133 | 110 |
| 48/ 47 | .3 | 1.4 | 1.2 | 1.4 | 1.0 | .9 | .1 | | | | | | | | | | | 171 | 171 | 111 | 105 |
| 46/ 45 | .4 | 1.5 | 1.4 | 1.6 | 1.5 | .5 | | | | | | | | | | | | 184 | 184 | 161 | 100 |
| 44/ 43 | .6 | 1.1 | 1.4 | 1.8 | 1.2 | .3 | .1 | | | | | | | | | | | 172 | 172 | 167 | 89 |
| 42/ 41 | .4 | 1.3 | 1.3 | 1.2 | 1.4 | .1 | | | | | | | | | | | | 154 | 154 | 158 | 114 |
| 40/ 39 | .3 | 1.2 | 1.6 | 1.3 | .9 | .1 | | | | | | | | | | | | 156 | 156 | 193 | 143 |
| 38/ 37 | .2 | 1.7 | 1.2 | 1.3 | .7 | .1 | | | | | | | | | | | | 141 | 141 | 198 | 112 |
| 36/ 35 | .1 | 1.5 | 1.2 | 1.3 | .5 | .0 | | | | | | | | | | | | 123 | 123 | 175 | 131 |
| 34/ 33 | .2 | 1.0 | .6 | 1.0 | .1 | .1 | | | | | | | | | | | | 81 | 81 | 154 | 147 |
| 32/ 31 | .3 | 1.1 | .9 | .9 | .1 | | | | | | | | | | | | | 87 | 87 | 119 | 141 |
| 30/ 29 | .0 | .3 | .8 | .4 | | | | | | | | | | | | | | 40 | 40 | 96 | 149 |
| 28/ 27 | | .5 | .6 | .1 | | | | | | | | | | | | | | 33 | 33 | 74 | 96 |
| 26/ 25 | | .3 | .4 | .2 | | | | | | | | | | | | | | 23 | 23 | 47 | 107 |
| 24/ 23 | | .1 | .4 | .1 | | | | | | | | | | | | | | 18 | 18 | 37 | 96 |
| 22/ 21 | | .0 | .2 | .0 | | | | | | | | | | | | | | 8 | 8 | 15 | 72 |
| 20/ 19 | | .0 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 16 | 70 |
| 18/ 17 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 9 | 74 |
| 16/ 15 | | | .1 | | | | | | | | | | | | | | | 4 | 4 | 6 | 41 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 0 | 33 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 1 | 2.5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_n$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 24 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 13 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 7 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 6 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 5 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5. | 9. | 28. | 5. | 24. | 2. | 1. | 6. | 1. | 3. | .5 | 6.3 | 2.4 | .6 | .1 | | | | | 2682 | 2686 | 2682 | 2681 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 14178116 | 186246 | 70.2 | 18.931 | 2681 | | | | | | | |
| Dry Bulb | 6624153 | 129761 | 48.3 | 11.505 | 2686 | | 7.7 | 5.8 | .9 | | | 93 |
| Wet Bulb | 5528135 | 117867 | 43.9 | 11.396 | 2682 | | 14.8 | .7 | | | | 93 |
| Dew Point | 4487374 | 102416 | 38.2 | 14.048 | 2681 | .5 | 34.1 | .1 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — JAN MONTH

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

| Temp. (F) | WET BULB TEMPEPATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | .1 | .1 | .0 | .1 | | | | | | | | 9 | 9 | | |
| 78/ 77 | | | | | .0 | .1 | .3 | .1 | | | | | | | | | | 17 | 17 | | |
| 76/ 75 | | | | | .1 | .3 | .4 | .1 | .0 | | | | | | | | | 27 | 27 | | |
| 74/ 73 | | | | .1 | .6 | .3 | .3 | .1 | .1 | | | .0 | .0 | | | | | 42 | 42 | | |
| 72/ 71 | | | .0 | .5 | .5 | .2 | .4 | .1 | .1 | .1 | .0 | | | | | | | 51 | 51 | | |
| 70/ 69 | | .1 | .7 | 1.0 | .6 | .4 | .3 | .2 | .1 | | | | | | | | | 94 | 94 | 3 | |
| 68/ 67 | | .2 | .8 | .9 | .9 | .7 | .3 | .2 | .1 | .1 | | | | | | | | 112 | 112 | 37 | 4 |
| 66/ 65 | | .6 | .4 | 1.3 | .7 | .1 | .3 | .1 | .2 | | | | | | | | | 100 | 100 | 75 | 20 |
| 64/ 63 | .0 | 1.0 | .7 | 1.2 | .4 | .3 | .4 | .5 | .1 | | | | | | | | | 122 | 122 | 112 | 54 |
| 62/ 61 | .1 | .9 | 1.0 | .9 | .4 | .6 | .3 | .4 | .3 | .0 | | | | | | | | 134 | 134 | 100 | 79 |
| 60/ 59 | .1 | .9 | .6 | .9 | .9 | .6 | .3 | .4 | .3 | | | | | | | | | 135 | 135 | 135 | 102 |
| 58/ 57 | .2 | 1.2 | .8 | 1.3 | 1.3 | 1.0 | 1.0 | .6 | .0 | | | | | | | | | 199 | 199 | 136 | 98 |
| 56/ 55 | .3 | 1.1 | .5 | 1.0 | 1.2 | 1.2 | .7 | .4 | .1 | | | | | | | | | 175 | 175 | 107 | 125 |
| 54/ 53 | .1 | .9 | .4 | 1.2 | 1.5 | 1.2 | .9 | .3 | | | | | | | | | | 175 | 175 | 120 | 123 |
| 52/ 51 | .3 | .8 | .8 | 1.3 | 1.1 | 1.2 | 1.0 | .2 | | | | | | | | | | 181 | 181 | 146 | 97 |
| 50/ 49 | .3 | .5 | .5 | 1.2 | 1.5 | 1.8 | .9 | .0 | | | | | | | | | | 179 | 179 | 131 | 106 |
| 48/ 47 | .1 | 1.1 | .9 | 1.0 | 2.0 | 1.3 | .5 | .0 | | | | | | | | | | 183 | 183 | 173 | 88 |
| 46/ 45 | .2 | .7 | .4 | 1.2 | 1.7 | 1.6 | .4 | | | | | | | | | | | 169 | 169 | 208 | 110 |
| 44/ 43 | .1 | .9 | .5 | .3 | .8 | .8 | .2 | | | | | | | | | | | 98 | 98 | 170 | 101 |
| 42/ 41 | .5 | .6 | .9 | .7 | 1.2 | .9 | | | | | | | | | | | | 131 | 131 | 195 | 114 |
| 40/ 39 | .5 | .9 | .2 | .6 | 1.3 | .3 | | | | | | | | | | | | 106 | 106 | 206 | 137 |
| 38/ 37 | .1 | .8 | .3 | .6 | .6 | .1 | | | | | | | | | | | | 75 | 75 | 163 | 123 |
| 36/ 35 | .1 | .4 | .2 | .4 | .3 | .1 | .1 | | | | | | | | | | | 42 | 42 | 125 | 147 |
| 34/ 33 | .1 | .5 | .1 | .1 | .3 | | | | | | | | | | | | | 34 | 34 | 104 | 106 |
| 32/ 31 | .1 | .4 | .2 | .3 | .1 | | | | | | | | | | | | | 31 | 31 | 94 | 135 |
| 30/ 29 | .0 | .5 | .1 | .2 | .1 | | | | | | | | | | | | | 28 | 28 | 50 | 119 |
| 28/ 27 | | .0 | .1 | .3 | .0 | | | | | | | | | | | | | 12 | 12 | 31 | 86 |
| 26/ 25 | | .1 | | .1 | | | | | | | | | | | | | | 5 | 5 | 22 | 107 |
| 24/ 23 | | | .1 | .0 | | | | | | | | | | | | | | 4 | 4 | 11 | 96 |
| 22/ 21 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 11 | 84 |
| 20/ 19 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | 6 | 53 |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | 77 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 5 | 55 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 84 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 31 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 19 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 16 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.7 | 15.1 | 11.6 | 18.7 | 20.4 | 15.6 | 8.9 | 4.3 | 1.5 | .3 | .0 | .0 | .0 | | | | | 2676 | 2676 | 2676 | 2675 |
| | | | | | | | | | | | | | | | | | | 2676 | | | |

| Element | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11141687 | 163235 | 61.1 | 20.929 | 2674 | | | | | | | |
| Dry Bulb | 7905041 | 142453 | 53.2 | 10.967 | 2676 | | 3.0 | 12.3 | 3.3 | .2 | | 93 |
| Wet Bulb | 6137570 | 124998 | 46.7 | 10.569 | 2676 | | 8.0 | 1.4 | | | | 93 |
| Dew Point | 4597210 | 103645 | 38.7 | 14.744 | 2675 | .4 | 32.7 | .1 | | | | 93 |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — JAN MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | | .1 | .0 | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | | | | | .0 | .1 | .0 | | | | | | | | | | 5 | 5 | | |
| 76/ 75 | | | | | | .1 | .2 | .0 | .0 | .1 | | | | | | | | 13 | 13 | | |
| 74/ 73 | | | | | .1 | .2 | .1 | .0 | .1 | | .0 | | | | | | | 17 | 17 | | |
| 72/ 71 | | | | .2 | .3 | .1 | .0 | .0 | .1 | | | | | | | | | 20 | 20 | | |
| 70/ 69 | | . | .3 | .7 | .4 | .3 | .3 | .1 | .0 | | .0 | | | | | | | 59 | 59 | 1 | |
| 68/ 67 | .0 | .1 | .6 | .5 | .5 | .3 | .2 | .1 | .1 | .2 | | | | | | | | 74 | 74 | 7 | 2 |
| 66/ 65 | | .8 | .8 | 1.2 | .4 | .3 | .1 | .2 | .1 | .1 | | | | | | | | 105 | 105 | 41 | 4 |
| 64/ 63 | .1 | 1.1 | 1.1 | 1.0 | .4 | .4 | | .0 | .1 | .1 | | | | | | | | 115 | 115 | 82 | 23 |
| 62/ 61 | .3 | 1.2 | 1.2 | .9 | .4 | .3 | .1 | .2 | .1 | .1 | | | | | | | | 131 | 131 | 101 | 77 |
| 60/ 59 | .5 | 2.2 | 1.6 | 1.0 | 1.0 | .3 | .2 | .3 | .3 | | | | | | | | | 199 | 199 | 141 | 114 |
| 58/ 57 | .1 | 1.7 | 1.2 | .8 | .9 | .7 | .4 | .4 | .0 | | | | | | | | | 171 | 171 | 160 | 98 |
| 56/ 55 | .3 | 1.2 | 1.1 | 1.6 | 1.2 | 1.1 | .6 | .3 | .1 | | | | | | | | | 202 | 202 | 135 | 146 |
| 54/ 53 | .1 | 1.1 | 1.0 | 1.3 | 1.3 | .6 | .7 | .4 | .0 | | | | | | | | | 190 | 190 | 121 | 130 |
| 52/ 51 | .1 | 1.0 | 1.3 | 1.9 | 1.3 | 1.4 | .7 | .1 | | | | | | | | | | 211 | 211 | 124 | 91 |
| 50/ 49 | .3 | .9 | 1.2 | 1.6 | 1.7 | 1.2 | .5 | .0 | | | | | | | | | | 199 | 199 | 162 | 118 |
| 48/ 47 | .1 | .9 | 1.0 | 1.4 | 1.9 | 1.4 | .2 | | | | | | | | | | | 185 | 185 | 189 | 84 |
| 46/ 45 | .3 | 1.1 | 1.3 | 1.5 | 1.5 | .8 | .5 | .0 | | | | | | | | | | 190 | 190 | 210 | 121 |
| 44/ 43 | .5 | .4 | .9 | 1.1 | .9 | 1.0 | .3 | | | | | | | | | | | 135 | 135 | 205 | 145 |
| 42/ 41 | .0 | 1.0 | .7 | .7 | 1.2 | .8 | .0 | | | | | | | | | | | 137 | 137 | 196 | 135 |
| 40/ 39 | .0 | .7 | .4 | .6 | 1.3 | .3 | | | | | | | | | | | | 103 | 103 | 228 | 136 |
| 38/ 37 | .3 | .7 | .2 | .7 | .7 | .1 | .0 | | | | | | | | | | | 74 | 74 | 150 | 145 |
| 36/ 35 | .0 | .4 | .1 | .4 | .3 | .0 | .0 | | | | | | | | | | | 38 | 38 | 105 | 128 |
| 34/ 33 | .3 | .6 | .1 | .1 | .3 | | | | | | | | | | | | | 39 | 39 | 109 | 129 |
| 32/ 31 | .1 | .5 | .2 | .4 | .0 | | | | | | | | | | | | | 34 | 34 | 105 | 123 |
| 30/ 29 | | .3 | | .2 | .1 | | | | | | | | | | | | | 14 | 14 | 36 | 115 |
| 28/ 27 | | .1 | | .2 | | | | | | | | | | | | | | 8 | 8 | 30 | 82 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 16 | 101 |
| 24/ 23 | | | .1 | .0 | | | | | | | | | | | | | | 4 | 4 | 6 | 87 |
| 22/ 21 | | | .0 | .1 | | | | | | | | | | | | | | 5 | 5 | 7 | 69 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 53 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 4 | 53 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 49 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 24 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-47,49-72 (YEARS) | JAN (MONTH) | PAGE 2 | 1500-1700 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 15 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 14 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 9 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 16 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 4.0 | 18.0 | 16.7 | 20.8 | 18.1 | 11.9 | 5.4 | 2.6 | 1.3 | .5 | .1 | | | | | | | | 2681 | | 2681 |
| | | | | | | | | | | | | | | | | | | 2681 | | 2681 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12381104 | 173250 | 64.6 | 21.032 | 2681 | | | | | | | |
| Dry Bulb | 7556436 | 139696 | 52.2 | 9.785 | 2681 | | 2.3 | 0.7 | 1.4 | .0 | | 93 |
| Wet Bulb | 6040823 | 124327 | 46.4 | 9.789 | 2681 | | 7.2 | .3 | | | | 93 |
| Dew Point | 4668451 | 105341 | 39.3 | 14.055 | 2681 | .3 | 29.5 | .1 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
JAN — MONTH
PAGE 1
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | .0 | .0 | .1 | | | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | | | .1 | .3 | | | .0 | | | | | | | | | | | 10 | 10 | | |
| 66/ 65 | | .6 | .5 | .1 | .0 | .0 | | .0 | | | | | | | | | | 30 | 30 | 5 | 1 |
| 64/ 63 | .1 | 1.2 | .6 | .3 | .0 | .1 | .1 | .1 | .0 | | | | | | | | | 70 | 70 | 27 | 13 |
| 62/ 61 | .7 | 2.2 | .7 | .1 | .2 | .0 | .0 | .1 | | | | | | | | | | 108 | 108 | 77 | 51 |
| 60/ 59 | 1.3 | 2.9 | .8 | .4 | .1 | | .0 | .0 | .0 | | | | | | | | | 145 | 145 | 120 | 104 |
| 58/ 57 | .6 | 2.8 | 1.5 | .5 | .1 | .0 | .1 | .0 | .0 | | | | | | | | | 152 | 152 | 109 | 110 |
| 56/ 55 | .7 | 3.1 | 1.2 | .6 | .1 | | .2 | .1 | | | | | | | | | | 162 | 162 | 143 | 106 |
| 54/ 53 | .5 | 2.0 | 1.2 | .7 | .2 | .2 | .1 | | | | | | | | | | | 133 | 133 | 152 | 133 |
| 52/ 51 | .8 | 2.3 | 1.6 | .9 | .3 | .4 | | | | | | | | | | | | 172 | 172 | 121 | 119 |
| 50/ 49 | .8 | 1.9 | 2.0 | .8 | .3 | .1 | .1 | | | | | | | | | | | 161 | 161 | 143 | 117 |
| 48/ 47 | .4 | 2.3 | 2.3 | 1.5 | .6 | .2 | | | | | | | | | | | | 198 | 198 | 140 | 107 |
| 46/ 45 | .5 | 2.6 | 2.0 | 1.3 | .7 | .1 | | | | | | | | | | | | 202 | 202 | 185 | 134 |
| 44/ 43 | .6 | 2.5 | 1.9 | 1.6 | .6 | .1 | | | | | | | | | | | | 205 | 205 | 188 | 150 |
| 42/ 41 | .9 | 1.5 | 1.6 | 1.5 | .8 | .1 | | | | | | | | | | | | 168 | 168 | 194 | 172 |
| 40/ 39 | .3 | 2.0 | 1.8 | 1.3 | .4 | .1 | | | | | | | | | | | | 157 | 157 | 183 | 145 |
| 38/ 37 | .3 | 1.6 | 1.3 | 1.3 | .3 | .0 | | | | | | | | | | | | 133 | 133 | 162 | 122 |
| 36/ 35 | .5 | 1.9 | 1.2 | .9 | .2 | | | | | | | | | | | | | 128 | 128 | 160 | 130 |
| 34/ 33 | .5 | 2.1 | 1.2 | .6 | .0 | .0 | | | | | | | | | | | | 120 | 120 | 158 | 147 |
| 32/ 31 | .3 | 1.2 | .9 | .3 | .0 | .0 | | | | | | | | | | | | 74 | 74 | 139 | 133 |
| 30/ 29 | .1 | 1.0 | .6 | .4 | .0 | | | | | | | | | | | | | 80 | 80 | 92 | 137 |
| 28/ 27 | .1 | .6 | .7 | .2 | | | | | | | | | | | | | | 41 | 41 | 83 | 107 |
| 26/ 25 | | .1 | .1 | .1 | | | | | | | | | | | | | | 9 | 9 | 43 | 97 |
| 24/ 23 | | .0 | .3 | .1 | | | | | | | | | | | | | | 10 | 10 | 28 | 84 |
| 22/ 21 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 12 | 73 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 10 | 51 |
| 18/ 17 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 21 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 24 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 6 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

2

# PSYCHROMETRIC SUMMARY

13717 — STATION — MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME — 48-47,49-72 — YEARS — JAN — MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.7 | 39.4 | 25.4 | 16.4 | 5.2 | 1.8 | .7 | .4 | .1 | | | | | | | | | 2679 | 2679 | | 2679 |
| | | | | | | | | | | | | | | | | | | | | 2679 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16976420 | 208352 | 77.8 | 16.983 | 2679 | | | | | | | |
| Dry Bulb | 6095027 | 125033 | 46.7 | 9.845 | 2679 | | 7.6 | .5 | | | | 93 |
| Wet Bulb | 5572485 | 116837 | 43.6 | 10.170 | 2679 | | 14.3 | | | | | 93 |
| Dew Point | 4632860 | 105926 | 39.5 | 12.885 | 2679 | .2 | 28.4 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JAN (MONTH)

PAGE 1 2100-2300 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 68/ 67 | | .1 | .0 | | .1 | | | | | | | | | | | | | 6 | 6 | 1 | |
| 66/ 65 | .3 | .5 | .4 | .2 | | | | | | | | | | | | | | 31 | 31 | 5 | 4 |
| 64/ 63 | .4 | 1.5 | .3 | .1 | | .1 | | | | | | | | | | | | 66 | 66 | 38 | 25 |
| 62/ 61 | 1.0 | 2.1 | .6 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | | | 110 | 110 | 81 | 60 |
| 60/ 59 | .9 | 2.4 | .6 | .4 | .0 | .1 | | .0 | | | | | | | | | | 118 | 119 | 108 | 96 |
| 58/ 57 | .8 | 1.9 | .6 | .4 | .1 | .0 | | | | | | | | | | | | 104 | 104 | 91 | 103 |
| 56/ 55 | .3 | 2.2 | 1.0 | .3 | .3 | .0 | .0 | .0 | | | | | | | | | | 125 | 125 | 108 | 72 |
| 54/ 53 | .6 | 1.9 | .8 | .3 | .5 | .1 | .0 | | | | | | | | | | | 114 | 116 | 98 | 110 |
| 52/ 51 | 1.0 | 2.4 | .9 | .6 | .4 | | | .0 | | | | | | | | | | 141 | 141 | 127 | 105 |
| 50/ 49 | .9 | 2.3 | .9 | .6 | .2 | .3 | | | | | | | | | | | | 140 | 140 | 155 | 108 |
| 48/ 47 | .8 | 2.8 | 1.9 | .6 | .3 | .0 | | | | | | | | | | | | 172 | 172 | 112 | 121 |
| 46/ 45 | .5 | 2.4 | 1.3 | 1.1 | .3 | .0 | .0 | | | | | | | | | | | 153 | 153 | 160 | 98 |
| 44/ 43 | 1.1 | 2.2 | 1.3 | .6 | .4 | | | | | | | | | | | | | 150 | 150 | 166 | 112 |
| 42/ 41 | 1.2 | 2.2 | 1.4 | 1.2 | .5 | | | | | | | | | | | | | 173 | 173 | 155 | 147 |
| 40/ 39 | 1.3 | 2.1 | 1.7 | 1.2 | .3 | | | | | | | | | | | | | 185 | 185 | 131 | 153 |
| 38/ 37 | .8 | 2.2 | 1.1 | 1.0 | .1 | .0 | | | | | | | | | | | | 141 | 141 | 148 | 153 |
| 36/ 35 | .9 | 2.5 | 1.2 | .6 | .1 | | | | | | | | | | | | | 144 | 144 | 174 | 139 |
| 34/ 33 | .8 | 2.6 | .9 | .5 | .0 | | | | | | | | | | | | | 124 | 124 | 148 | 130 |
| 32/ 31 | .5 | 2.8 | .8 | .4 | .0 | | | | | | | | | | | | | 122 | 122 | 155 | 129 |
| 30/ 29 | .3 | 3.2 | 1.0 | .2 | .0 | | | | | | | | | | | | | 134 | 134 | 135 | 138 |
| 28/ 27 | .4 | 2.8 | .1 | .1 | | | | | | | | | | | | | | 111 | 111 | 125 | 139 |
| 26/ 25 | .1 | 1.4 | .5 | .1 | | | | | | | | | | | | | | 56 | 56 | 104 | 120 |
| 24/ 23 | .0 | .7 | .3 | | | | | | | | | | | | | | | 27 | 27 | 50 | 110 |
| 22/ 21 | .0 | .3 | .2 | | | | | | | | | | | | | | | 15 | 15 | 31 | 75 |
| 20/ 19 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 14 | 64 |
| 18/ 17 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 3 | 44 |
| 16/ 15 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 4 | 32 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 3 | 26 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 15 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 12 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JAN MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 15.0 | 48.4 | 20.7 | 10.9 | 3.8 | .9 | .1 | .1 | .0 | | | | | | | | | 2670 | 2673 | 2670 | 2670 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18412597 | 217847 | 81.6 | 15.465 | 2670 | | | | | | | |
| Dry Bulb | 5522558 | 117912 | 44.1 | 10.964 | 2673 | | 16.5 | .2 | | | | 93 |
| Wet Bulb | 4979306 | 111460 | 41.7 | 11.058 | 2670 | | 22.1 | .0 | | | | 93 |
| Dew Point | 4400252 | 102576 | 38.4 | 13.121 | 2670 | | 32.5 | | | | | 93 |

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

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | FEB MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | .0 | .0 | .1 | .1 | .1 | | | | | | | | | | | | | 10 | 10 | 2 | 2 |
| 66/ 65 | .2 | .1 | .3 | .2 | .1 | | | | | | | | | | | | | 35 | 35 | 4 | 4 |
| 64/ 63 | .2 | 1.2 | .5 | .2 | .1 | | | | | | | | | | | | | 50 | 50 | 31 | 9 |
| 62/ 61 | .5 | 1.8 | .3 | .5 | .1 | | | | | | | | | | | | | 77 | 77 | 63 | 49 |
| 60/ 59 | .9 | 1.6 | .9 | .4 | .0 | .1 | | | | | | | | | | | | 93 | 93 | 82 | 80 |
| 58/ 57 | .6 | 2.1 | .9 | .2 | .3 | .2 | | | | | | | | | | | | 105 | 105 | 67 | 65 |
| 56/ 55 | 1.2 | 2.6 | .9 | .6 | .3 | .2 | | | | | | | | | | | | 137 | 137 | 127 | 91 |
| 54/ 53 | 1.0 | 1.5 | 1.3 | .7 | .3 | .1 | | | | | | | | | | | | 117 | 120 | 106 | 109 |
| 52/ 51 | 1.0 | 1.5 | .8 | .5 | .4 | .3 | .0 | | | | | | | | | | | 112 | 112 | 93 | 98 |
| 50/ 49 | 1.1 | 2.3 | 1.5 | 1.4 | .9 | .3 | | | | | | | | | | | | 179 | 180 | 134 | 81 |
| 48/ 47 | 1.2 | 2.6 | 1.0 | .7 | .5 | .3 | .0 | | | | | | | | | | | 153 | 155 | 131 | 120 |
| 46/ 45 | .7 | 1.8 | 1.5 | .4 | .3 | .2 | | | | | | | | | | | | 115 | 116 | 129 | 118 |
| 44/ 43 | 1.1 | 2.0 | 1.0 | .8 | .6 | .0 | | | | | | | | | | | | 134 | 135 | 158 | 109 |
| 42/ 41 | .8 | 1.9 | 1.3 | .9 | .6 | .1 | | | | | | | | | | | | 136 | 136 | 130 | 98 |
| 40/ 39 | .9 | 2.3 | 1.7 | 1.2 | .4 | | | | | | | | | | | | | 158 | 159 | 137 | 118 |
| 38/ 37 | .9 | 2.1 | 2.0 | 1.1 | .2 | .1 | | | | | | | | | | | | 157 | 157 | 154 | 138 |
| 36/ 35 | 1.1 | 2.0 | 1.1 | 1.6 | .3 | .0 | | | | | | | | | | | | 147 | 147 | 168 | 134 |
| 34/ 33 | .7 | 2.2 | .9 | .7 | | | | | | | | | | | | | | 109 | 110 | 154 | 113 |
| 32/ 31 | 1.3 | 2.6 | .9 | 1.0 | .0 | | | | | | | | | | | | | 142 | 144 | 149 | 124 |
| 30/ 29 | 1.0 | 1.6 | .9 | .5 | | | | | | | | | | | | | | 100 | 100 | 151 | 149 |
| 28/ 27 | .3 | 1.2 | .8 | .1 | | | | | | | | | | | | | | 62 | 62 | 93 | 97 |
| 26/ 25 | .4 | 1.0 | .3 | .2 | | | | | | | | | | | | | | 45 | 45 | 82 | 117 |
| 24/ 23 | .1 | .7 | .4 | .0 | | | | | | | | | | | | | | 28 | 28 | 44 | 73 |
| 22/ 21 | | .3 | .2 | | | | | | | | | | | | | | | 13 | 13 | 27 | 73 |
| 20/ 19 | .2 | .0 | .1 | | | | | | | | | | | | | | | 7 | 7 | 18 | 62 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 7 | 56 |
| 16/ 15 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 4 | 42 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 2 | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 16 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27 / 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0 / -1 | | | | | | | | | | | | | | | | | | | | | 3 |
| -27 / -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -67 / -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 17. | 639. | 321. | 913. | 8 | 5.5 | 1.9 | .1 | | | | | | | | | | | 2440 | | 2428 |
| | | | | | | | | | | | | | | | | | | 2428 | | 2428 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16024799 | 192655 | 79.4 | 17.421 | 2428 | | | | | | | |
| Dry Bulb | 5006156 | 108006 | 44.3 | 10.816 | 2440 | | 13.9 | .4 | | | | 84 |
| Wet Bulb | 4493025 | 101010 | 41.6 | 10.946 | 2428 | | 20.0 | .1 | | | | 84 |
| Dew Point | 3895741 | 91547 | 37.7 | 13.525 | 2428 | .3 | 30.9 | .1 | | | | 84 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | FEB MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | .1 | | .1 | | | | | | | | | | | | | | 6 | 6 | 4 | 3 |
| 66/ 65 | .0 | .3 | .4 | .1 | | | | | | | | | | | | | | 22 | 22 | 4 | 3 |
| 64/ 63 | .3 | 1.0 | .8 | .1 | .2 | | | | | | | | | | | | | 53 | 53 | 23 | 15 |
| 62/ 61 | .6 | 1.1 | .5 | .2 | .0 | | .0 | | | | | | | | | | | 58 | 59 | 53 | 35 |
| 60/ 59 | 1.2 | 2.3 | .5 | .3 | .2 | | | | | | | | | | | | | 108 | 108 | 81 | 74 |
| 58/ 57 | .7 | 2.1 | .6 | .5 | .2 | .0 | .0 | | | | | | | | | | | 99 | 99 | 79 | 68 |
| 56/ 55 | 1.4 | 2.1 | .9 | .5 | .1 | .1 | | | | | | | | | | | | 125 | 125 | 112 | 98 |
| 54/ 53 | 1.2 | 1.4 | 1.0 | .3 | .2 | .2 | | | | | | | | | | | | 106 | 106 | 103 | 98 |
| 52/ 51 | 1.1 | 1.5 | .3 | .5 | .3 | .0 | | | | | | | | | | | | 102 | 102 | 101 | 85 |
| 50/ 49 | 1.3 | 1.7 | .5 | .8 | .2 | .0 | | | | | | | | | | | | 123 | 123 | 111 | 86 |
| 48/ 47 | 1.4 | 1.8 | 1.2 | 1.1 | .3 | .2 | | | | | | | | | | | | 143 | 143 | 116 | 115 |
| 46/ 45 | .6 | 2.3 | 1.1 | .7 | .2 | .1 | | | | | | | | | | | | 121 | 122 | 112 | 94 |
| 44/ 43 | 1.0 | 1.3 | 1.4 | .5 | .4 | .1 | | | | | | | | | | | | 124 | 125 | 133 | 100 |
| 42/ 41 | .9 | 2.0 | 1.0 | .6 | .5 | | | | | | | | | | | | | 122 | 124 | 121 | 111 |
| 40/ 39 | 1.1 | 2.3 | 1.4 | .9 | .5 | | | | | | | | | | | | | 150 | 152 | 127 | 101 |
| 38/ 37 | 1.1 | 2.2 | 1.2 | 1.2 | .5 | | | | | | | | | | | | | 153 | 153 | 133 | 123 |
| 36/ 35 | .8 | 2.5 | 1.3 | .8 | .2 | .0 | | | | | | | | | | | | 140 | 140 | 153 | 128 |
| 34/ 33 | 1.0 | 2.7 | 1.2 | 1.0 | .0 | | | | | | | | | | | | | 153 | 153 | 136 | 122 |
| 32/ 31 | 1.2 | 3.1 | 1.1 | .9 | .0 | | | | | | | | | | | | | 151 | 153 | 174 | 123 |
| 30/ 29 | 1.5 | 2.0 | 1.2 | .6 | | | | | | | | | | | | | | 130 | 131 | 172 | 145 |
| 28/ 27 | .7 | 1.4 | .7 | .2 | | | | | | | | | | | | | | 74 | 74 | 118 | 118 |
| 26/ 25 | .5 | 1.4 | .7 | .1 | | | | | | | | | | | | | | 67 | 67 | 98 | 105 |
| 24/ 23 | .2 | .9 | .4 | | | | | | | | | | | | | | | 37 | 37 | 59 | 99 |
| 22/ 21 | .2 | .5 | .4 | | | | | | | | | | | | | | | 26 | 26 | 47 | 77 |
| 20/ 19 | .0 | .4 | .4 | .0 | | | | | | | | | | | | | | 21 | 21 | 23 | 56 |
| 18/ 17 | .1 | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 19 | 61 |
| 16/ 15 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 10 | 53 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 36 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 34 |
| 10/ 9 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 17 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 20. | 141. | 221. | 312. | 1 4. | 3 .9 | .1 | | | | | | | | | | | | 2439 | | 2430 |
| | | | | | | | | | | | | | | | | | | 2430 | | 2430 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16447161 | 195757 | 80.6 | 16.698 | 2430 | | | | | | | |
| Dry Bulb | 4773348 | 104288 | 42.8 | 11.360 | 2439 | | 18.0 | .3 | | | | 84 |
| Wet Bulb | 4286693 | 98169 | 40.4 | 11.492 | 2430 | | 25.2 | .1 | | | | 84 |
| Dew Point | 3749093 | 89255 | 36.7 | 13.921 | 2430 | .4 | 33.6 | .1 | | | | 34 |

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

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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
FEB — MONTH
PAGE 1
0600-0800 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | | |
| 68/ 67 | | .0 | .1 | .0 | .0 | | | | | | | | | | | | | 5 | 5 | 1 | |
| 66/ 65 | .0 | .2 | .3 | .1 | | | | | | | | | | | | | | 22 | 22 | 5 | 2 |
| 64/ 63 | .1 | 1.2 | .6 | .2 | | | | | | | | | | | | | | 51 | 51 | 17 | 9 |
| 62/ 61 | .3 | 1.6 | .5 | .4 | .0 | | | | | | | | | | | | | 81 | 81 | 66 | 36 |
| 60/ 59 | 1.1 | 1.7 | .6 | .2 | .1 | .0 | .0 | .0 | | | | | | | | | | 90 | 90 | 87 | 55 |
| 58/ 57 | 1.2 | 1.8 | .7 | .3 | .1 | .0 | .0 | | | | | | | | | | | [illegible] | 106 | 91 | 70 |
| 56/ 55 | .4 | 2.1 | 1.0 | .3 | .1 | .1 | .0 | | | | | | | | | | | | 107 | 85 | 79 |
| 54/ 53 | .7 | 2.0 | 1.0 | .2 | .2 | .2 | | | | | | | | | | | | | 106 | 94 | 81 |
| 52/ 51 | .8 | 1.8 | .7 | .4 | .2 | .1 | | | | | | | | | | | | | 96 | 102 | 96 |
| 50/ 49 | .8 | 1.3 | .9 | .7 | .2 | .1 | | | | | | | | | | | | | 93 | 98 | 87 |
| 48/ 47 | 1.2 | 2.5 | 1.2 | .6 | .1 | .1 | | | | | | | | | | | | | 137 | 93 | 105 |
| 46/ 45 | .9 | 3.2 | 1.4 | .5 | .2 | .0 | | | | | | | | | | | | | 151 | 135 | 99 |
| 44/ 43 | .7 | 2.2 | 1.4 | .6 | .2 | | | | | | | | | | | | | 2 | 123 | 153 | 107 |
| 42/ 41 | 1.2 | 2.2 | 1.5 | .9 | .3 | .0 | | | | | | | | | | | | 16 | 149 | 125 | 104 |
| 40/ 39 | .8 | 2.3 | 1.7 | 1.0 | .4 | | | | | | | | | | | | | [illegible] | 144 | 119 | 107 |
| 38/ 37 | .8 | 2.8 | 1.7 | 1.1 | .5 | .0 | | | | | | | | | | | | 37 | 169 | 130 | 117 |
| 36/ 35 | .9 | 2.1 | 1.8 | .9 | .2 | | | | | | | | | | | | | 144 | 146 | 157 | 126 |
| 34/ 33 | .6 | 2.3 | 1.4 | .6 | .0 | | | | | | | | | | | | | 127 | 128 | 152 | 108 |
| 32/ 31 | .7 | 3.0 | 1.2 | .9 | .0 | | | | | | | | | | | | | 143 | 144 | 158 | 115 |
| 30/ 29 | 1.4 | 2.1 | 1.9 | .3 | .0 | | | | | | | | | | | | | 137 | 138 | 169 | 155 |
| 28/ 27 | .7 | 1.0 | 1.4 | .2 | | | | | | | | | | | | | | 81 | 81 | 103 | 127 |
| 26/ 25 | .3 | 1.1 | .6 | .3 | | | | | | | | | | | | | | 57 | 57 | 94 | 113 |
| 24/ 23 | .2 | 1.0 | .5 | | | | | | | | | | | | | | | 41 | 41 | 78 | 91 |
| 22/ 21 | .2 | .3 | .6 | | | | | | | | | | | | | | | 28 | 28 | 45 | 59 |
| 20/ 19 | .1 | .6 | .2 | | | | | | | | | | | | | | | 23 | 23 | 27 | 57 |
| 18/ 17 | .0 | .1 | .2 | | | | | | | | | | | | | | | 5 | 8 | 23 | 69 |
| 16/ 15 | | .0 | .2 | | | | | | | | | | | | | | | 7 | 7 | 10 | 48 |
| 14/ 13 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 5 | 45 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 4 | 28 |
| 10/ 9 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | 19 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | 2 | 22 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 14 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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) 301 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47,49-72 — YEARS
FEB — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 27/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -27 -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 3 |
| -87 -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 17. | 142. | 925. | 411. | 1 2.8 | .7 | .1 | .3 | | | | | | | | | | 2429 | 2438 | 2429 | 2429 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | > 67 F | ≥ 73 F | ≥ 80 F | ≥ 92 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16256445 | 194753 | 80 2 | 16.254 | 2429 | | | | | | | |
| Dry Bulb | 4742097 | 103865 | 42.6 | 11.40[illegible] | 2438 | | 18.3 | .2 | | | | 84 |
| Wet Bulb | 4261774 | 97762 | 40.2 | 11.606 | 2429 | | 24.3 | .0 | | | | 84 |
| Dew Point | 3724902 | 86678 | 36.5 | 14.159 | 2429 | .4 | 34.3 | | | | | 84 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — FEB MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | .1 | .2 | .1 | .0 | | | | | | .0 | | | | 10 | 10 | | |
| 74/ 73 | | .0 | | .0 | .3 | .1 | .0 | .0 | | | | | | | | | | 14 | 14 | | |
| 72/ 71 | | | .0 | .3 | .1 | .1 | .2 | | .0 | | | | | | | | | 20 | 20 | 1 | 1 |
| 70/ 69 | | .0 | .5 | .4 | .4 | .2 | .2 | | .0 | | | | | | | | | 43 | 43 | | |
| 68/ 67 | | .2 | .7 | .4 | .4 | .2 | .1 | .0 | .1 | | | | | | | | | 53 | 53 | 9 | |
| 66/ 65 | .1 | .6 | .6 | .7 | .9 | .5 | .1 | .2 | .1 | | | | | | | | | 93 | 93 | 48 | 10 |
| 64/ 63 | .1 | 1.1 | .8 | 1.0 | .6 | .2 | .3 | .2 | .1 | | | | | | | | | 106 | 106 | 54 | 42 |
| 62/ 61 | .5 | 1.3 | .8 | .8 | .5 | .3 | .5 | .2 | .0 | | | | | | | | | 123 | 123 | 91 | 77 |
| 60/ 59 | .9 | 1.8 | .7 | .9 | .5 | .8 | .5 | .2 | | | | | | | | | | 155 | 156 | 116 | 74 |
| 58/ 57 | .4 | 1.6 | .8 | .7 | .9 | .4 | .5 | .1 | .1 | | | | | | | | | 135 | 136 | 125 | 96 |
| 56/ 55 | .6 | .8 | .7 | 1.2 | 1.1 | 1.3 | .3 | .1 | | | | | | | | | | 146 | 146 | 117 | 94 |
| 54/ 53 | .5 | 1.3 | .8 | 1.2 | .9 | .9 | .6 | .1 | | | | | | | | | | 152 | 152 | 94 | 99 |
| 52/ 51 | .3 | 1.2 | 1.0 | 1.1 | 1.0 | 1.0 | .5 | .1 | | | | | | | | | | 150 | 151 | 102 | 84 |
| 50/ 49 | .3 | 1.4 | 1.2 | 1.2 | 1.4 | 1.2 | .4 | .0 | | | | | | | | | | 171 | 172 | 164 | 102 |
| 48/ 47 | .2 | 1.0 | .9 | 1.0 | 1.6 | 1.1 | .2 | | | | | | | | | | | 163 | 163 | 145 | 92 |
| 46/ 45 | .1 | 1.3 | .6 | 1.6 | 1.7 | .8 | .1 | | | | | | | | | | | 153 | 154 | 164 | 93 |
| 44/ 43 | .7 | 1.2 | .5 | 1.4 | 1.5 | .7 | .2 | | | | | | | | | | | 150 | 151 | 159 | 117 |
| 42/ 41 | .3 | 1.1 | .4 | 1.5 | 1.0 | .4 | | | | | | | | | | | | 128 | 128 | 167 | 117 |
| 40/ 39 | .4 | .7 | .6 | 1.3 | .9 | .6 | | | | | | | | | | | | 112 | 112 | 159 | 115 |
| 38/ 37 | .2 | .7 | .9 | 1.0 | .9 | .2 | | | | | | | | | | | | 94 | 94 | 161 | 111 |
| 36/ 35 | .3 | .3 | .7 | .9 | .7 | | | | | | | | | | | | | 74 | 74 | 144 | 120 |
| 34/ 33 | .1 | .5 | .5 | .8 | .6 | .0 | | | | | | | | | | | | 61 | 61 | 105 | 97 |
| 32/ 31 | .1 | .2 | .7 | .8 | .2 | | | | | | | | | | | | | 49 | 49 | 78 | 132 |
| 30/ 29 | | .2 | .5 | .5 | .1 | .0 | | | | | | | | | | | | 31 | 31 | 71 | 105 |
| 28/ 27 | | .0 | .2 | .4 | .0 | | | | | | | | | | | | | 17 | 17 | 60 | 96 |
| 26/ 25 | | | .1 | .4 | | | | | | | | | | | | | | 11 | 11 | 40 | 99 |
| 24/ 23 | | | .2 | .1 | | | | | | | | | | | | | | 7 | 7 | 23 | 75 |
| 22/ 21 | | | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | 15 | 65 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 11 | 54 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 4 | 56 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 45 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 2 | 37 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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2

# PSYCHROMETRIC SUMMARY

13717 MYRTLE BEACH AFB SOUTH CAROLINA 43-47,49-72 FEB

STATION STATION NAME YEARS MONTH

PAGE 2 0900-1100

HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 30 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 23 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 21 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 17 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 15 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 5 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 2 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5 | 118 | 16 | 322 | 418 | 311 | 3 | 4.9 | 1.5 | .5 | | | | .0 | | | | | 2438 | | 2432 |
| | | | | | | | | | | | | | | | | | | 2432 | | 2432 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 11370589 | 158487 | 65.2 | 20.669 | 2431 | | | | | | | |
| Dry Bulb | 6464856 | 122794 | 50.4 | 10.721 | 2438 | | 4.5 | 4.9 | .9 | | | 84 |
| Wet Bulb | 5208893 | 109463 | 45.0 | 10.769 | 2432 | | 10.6 | .3 | | | | 84 |
| Dew Point | 4043119 | 92303 | 38.0 | 14.903 | 2432 | .6 | 30.8 | .0 | | | | 84 |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — FEB MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | | .1 | .0 | .2 | | | | | | | | | 7 | 7 | | |
| 78/ 77 | | | | | | .1 | .2 | .1 | .0 | | | | | | | | | 12 | 12 | | |
| 76/ 75 | | | | | .1 | .4 | .2 | .1 | | | | | | | | | | 19 | 19 | | |
| 74/ 73 | | | | .1 | .3 | .2 | .0 | .2 | .1 | | | | | | | | | 23 | 23 | | |
| 72/ 71 | | | .0 | .4 | .5 | .3 | .2 | .3 | .2 | .1 | | | | | | | | 49 | 49 | | |
| 70/ 69 | | .0 | .5 | .5 | .7 | .6 | .5 | .3 | .1 | .2 | .0 | | | | | | | 84 | 84 | 1 | |
| 68/ 67 | | .2 | .7 | .8 | .8 | .5 | .4 | .3 | .2 | .1 | | | | | | | | 92 | 93 | 18 | |
| 66/ 65 | .0 | .5 | .9 | 1.4 | .8 | .6 | .4 | .5 | .5 | .1 | | | | | | | | 138 | 138 | 61 | 9 |
| 64/ 63 | .2 | 1.3 | 1.1 | .9 | .9 | .6 | .5 | .8 | .5 | .0 | | | | | | | | 168 | 168 | 76 | 41 |
| 62/ 61 | .2 | 1.0 | .9 | .9 | .6 | 1.0 | .6 | .8 | .2 | .0 | | | | | | | | 151 | 153 | 111 | 64 |
| 60/ 59 | .4 | 1.3 | 1.0 | .8 | .9 | 1.2 | .6 | .8 | .6 | | | | | | | | | 187 | 188 | 156 | 93 |
| 58/ 57 | .3 | 1.1 | .6 | .8 | .9 | .9 | .8 | 1.2 | .2 | | | | | | | | | 166 | 168 | 126 | 134 |
| 56/ 55 | .4 | .7 | .7 | 1.0 | 1.2 | 2.1 | 1.2 | .6 | .2 | | | | | | | | | 194 | 194 | 133 | 108 |
| 54/ 53 | .2 | .8 | .9 | 1.1 | 1.3 | 1.6 | 1.6 | .3 | .1 | | | | | | | | | 194 | 194 | 110 | 96 |
| 52/ 51 | .2 | .6 | .7 | .9 | .9 | 1.4 | .9 | .1 | | | | | | | | | | 140 | 140 | 154 | 91 |
| 50/ 49 | .1 | .7 | .9 | 1.1 | 1.6 | 1.4 | 1.0 | .2 | | | | | | | | | | 173 | 173 | 166 | 87 |
| 48/ 47 | .2 | .7 | .5 | .6 | 1.4 | 1.3 | .9 | .0 | | | | | | | | | | 135 | 135 | 160 | 100 |
| 46/ 45 | .2 | .8 | .4 | 1.0 | .9 | 1.2 | .7 | .0 | | | | | | | | | | 128 | 128 | 204 | 95 |
| 44/ 43 | .2 | .5 | .3 | .5 | .7 | 1.1 | .5 | | | | | | | | | | | 88 | 88 | 189 | 125 |
| 42/ 41 | .2 | .6 | .5 | .3 | .5 | .7 | .2 | | | | | | | | | | | 74 | 74 | 168 | 117 |
| 40/ 39 | .2 | .4 | .5 | .5 | .9 | .6 | | | | | | | | | | | | 75 | 75 | 154 | 119 |
| 38/ 37 | .2 | .2 | .2 | .4 | .5 | .5 | | | | | | | | | | | | 48 | 48 | 113 | 88 |
| 36/ 35 | .0 | .2 | .2 | .4 | .5 | .2 | | | | | | | | | | | | 37 | 37 | 91 | 117 |
| 34/ 33 | .1 | .2 | .1 | .2 | .4 | | | | | | | | | | | | | 24 | 24 | 81 | 100 |
| 32/ 31 | .0 | .1 | | .2 | .2 | | | | | | | | | | | | | 12 | 12 | 71 | 123 |
| 30/ 29 | | | | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 35 | 114 |
| 28/ 27 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 27 | 75 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | 14 | 90 |
| 24/ 23 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 6 | 75 |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 72 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 56 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 3 | 41 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 50 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 41 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 27 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 20 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 8 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 5 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 4 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 3.5 | 11.7 | 11.8 | 15.0 | 17.5 | 18.4 | 11.5 | 6.9 | 3.2 | .7 | .0 | | | | | | | 2433 | 2439 | 2433 | 2433 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 9294148 | 140690 | 57.8 | 21.827 | 2433 | | | | | | | |
| Dry Bulb | 7608095 | 134069 | 55.0 | 9.890 | 2439 | | .8 | 10.0 | 2.2 | .2 | | 84 |
| Wet Bulb | 5758111 | 115915 | 47.6 | 9.842 | 2433 | | 5.6 | .7 | | | | 84 |
| Dew Point | 4123571 | 94157 | 38.7 | 14.897 | 2433 | .5 | 29.3 | | | | | 84 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — FEB MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 | 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | .0 | | .2 | .0 | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | | | .0 | .0 | .0 | .1 | .0 | .1 | .0 | | | | | | | | 10 | 10 | | |
| 76/ 75 | | | | .0 | .0 | .1 | .1 | .0 | | .0 | .1 | .0 | | | | | | | 12 | 12 | | |
| 74/ 73 | | | | | .0 | .2 | .1 | .0 | .1 | .1 | | | | | | | | | 14 | 14 | | |
| 72/ 71 | | | .0 | .2 | .3 | | .1 | .4 | .1 | .0 | .0 | .0 | | | | | | | 31 | 31 | | |
| 70/ 69 | | | .1 | .5 | .2 | .2 | .1 | .3 | .0 | .1 | | | | | | | | | 37 | 38 | 2 | |
| 68/ 67 | | .1 | .5 | .7 | .3 | .2 | .4 | .1 | .1 | .1 | | | | | | | | | 63 | 64 | 6 | |
| 66/ 65 | | .5 | .9 | 1.4 | .4 | .5 | .2 | .3 | .3 | .2 | | | | | | | | | 117 | 117 | 28 | 4 |
| 64/ 63 | .2 | 1.6 | 1.5 | .8 | .5 | .3 | .5 | .7 | .6 | .1 | | | | | | | | | 167 | 169 | 60 | 27 |
| 62/ 61 | .2 | 1.5 | 1.7 | .8 | .6 | .6 | .7 | .7 | .5 | .0 | | | | | | | | | 178 | 178 | 107 | 56 |
| 60/ 59 | .3 | 1.5 | 1.6 | 1.0 | .7 | 1.0 | .5 | .5 | .2 | | | | | | | | | | 184 | 184 | 144 | 106 |
| 58/ 57 | .6 | .5 | 1.4 | .9 | 1.0 | 1.2 | .6 | .6 | .4 | | | | | | | | | | 173 | 173 | 142 | 113 |
| 56/ 55 | .3 | 1.1 | 1.5 | 1.6 | 1.2 | 1.4 | .9 | .7 | .0 | | | | | | | | | | 218 | 218 | 133 | 108 |
| 54/ 53 | .1 | 1.1 | 1.6 | 1.5 | 1.5 | 1.4 | .9 | .5 | .0 | | | | | | | | | | 212 | 213 | 119 | 83 |
| 52/ 51 | .2 | .7 | 1.3 | 1.5 | 1.5 | 1.1 | .8 | .3 | | | | | | | | | | | 183 | 184 | 165 | 121 |
| 50/ 49 | .3 | 1.2 | 1.2 | 1.6 | 1.3 | 1.6 | .6 | .2 | | | | | | | | | | | 195 | 195 | 210 | 101 |
| 48/ 47 | .2 | .8 | .9 | 1.5 | 1.9 | 1.2 | .6 | .3 | | | | | | | | | | | 185 | 185 | 195 | 125 |
| 46/ 45 | .1 | .6 | .7 | .6 | 1.0 | .8 | .5 | .1 | | | | | | | | | | | 108 | 108 | 214 | 123 |
| 44/ 43 | .3 | .8 | .3 | .8 | .6 | .7 | .3 | | | | | | | | | | | | 97 | 97 | 195 | 115 |
| 42/ 41 | .4 | .3 | .4 | .6 | .7 | .5 | .2 | | | | | | | | | | | | 74 | 74 | 176 | 137 |
| 40/ 39 | .2 | .3 | .2 | .7 | .7 | .6 | .0 | | | | | | | | | | | | 66 | 66 | 145 | 126 |
| 38/ 37 | .1 | .0 | .2 | .4 | .6 | .2 | | | | | | | | | | | | | 38 | 38 | 114 | 116 |
| 36/ 35 | | .1 | .2 | .4 | .3 | .1 | | | | | | | | | | | | | 26 | 26 | 85 | 115 |
| 34/ 33 | .0 | .3 | | .1 | .2 | | | | | | | | | | | | | | 15 | 15 | 81 | 117 |
| 32/ 31 | .0 | .1 | | .1 | .1 | | | | | | | | | | | | | | 9 | 9 | 61 | 113 |
| 30/ 29 | | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 33 | 97 |
| 28/ 27 | | | | .0 | .1 | | | | | | | | | | | | | | 3 | 3 | 13 | 71 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 9 | 85 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | 65 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 | 53 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 | 43 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 40 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 39 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 34 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
FEB — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 107 9 | | | | | | | | | | | | | | | | | | | | | 19 |
| 87 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 67 5 | | | | | | | | | | | | | | | | | | | | | 12 |
| 47 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 07 -1 | | | | | | | | | | | | | | | | | | | | | 9 |
| -27 -3 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 4.2 | 13.2 | 16.4 | 18.0 | 15.9 | 14.1 | 8.2 | 6.1 | 2.8 | .8 | .2 | .1 | | | | | | 2431 | | | 2425 |
| | | | | | | | | | | | | | | | | | 2425 | | 2425 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | Nn. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 10226953 | 148163 | 61.1 | 22.012 | 2425 | | | | | | | |
| Dry Bulb | 7371977 | 132129 | 54.4 | 8.855 | 2431 | | .6 | 0.0 | 1.5 | .1 | | 94 |
| Wet Bulb | 5705964 | 115586 | 47.7 | 9.007 | 2425 | | 4.3 | .3 | | | | 84 |
| Dew Point | 4268611 | 95907 | 39.5 | 14.007 | 2425 | .5 | 25.4 | | | | | 84 |

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

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) FEB (MONTH)



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | | .0 | | | | | .0 | | | | | | | | | 2 | 2 | | |
| 70/ 69 | | | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | | |
| 68/ 67 | | .0 | .0 | .1 | | | .1 | .0 | | | .0 | | | | | | | 10 | 10 | 1 | |
| 66/ 65 | | .3 | .3 | .1 | .0 | .0 | .1 | | | | | | | | | | | 21 | 21 | 3 | 1 |
| 64/ 63 | .2 | 1.0 | .6 | .2 | .2 | .1 | .0 | | | | | | | | | | | 58 | 58 | 21 | 11 |
| 62/ 61 | .4 | 2.6 | .9 | .4 | .3 | .2 | .0 | .2 | .0 | | | | | | | | | 122 | 122 | 57 | 43 |
| 60/ 59 | 1.2 | 2.7 | 1.3 | .5 | .5 | .3 | .1 | | | | | | | | | | | 162 | 163 | 117 | 88 |
| 58/ 57 | 1.0 | 2.0 | 1.4 | .4 | .7 | .2 | .4 | .1 | | | | | | | | | | 150 | 150 | 125 | 97 |
| 56/ 55 | .8 | 2.7 | 2.1 | .9 | .6 | .3 | .2 | .1 | | | | | | | | | | 188 | 188 | 133 | 122 |
| 54/ 53 | .6 | 1.8 | 2.1 | .9 | .7 | .6 | .3 | .0 | | | | | | | | | | 171 | 171 | 125 | 101 |
| 52/ 51 | .6 | 2.1 | 1.6 | 1.4 | 1.0 | .6 | .3 | | | | | | | | | | | 187 | 188 | 130 | 92 |
| 50/ 49 | .7 | 2.3 | 2.7 | 1.3 | .9 | .7 | .2 | | .0 | | | | | | | | | 225 | 226 | 177 | 131 |
| 48/ 47 | .7 | 2.3 | 1.8 | 1.5 | .8 | .7 | .1 | | | | | | | | | | | 189 | 189 | 170 | 131 |
| 46/ 45 | .5 | 2.2 | 2.5 | 1.1 | .8 | .6 | .1 | | | | | | | | | | | 178 | 181 | 200 | 151 |
| 44/ 43 | .2 | 2.0 | 1.9 | 1.7 | .5 | .4 | .1 | | | | | | | | | | | 164 | 164 | 194 | 126 |
| 42/ 41 | .6 | 2.1 | 1.6 | 1.4 | .6 | .5 | .0 | | | | | | | | | | | 162 | 162 | 200 | 146 |
| 40/ 39 | .2 | 1.2 | 1.1 | 1.4 | .7 | .4 | | | | | | | | | | | | 121 | 121 | 168 | 159 |
| 38/ 37 | .3 | 1.1 | 1.3 | 1.1 | .7 | .2 | | | | | | | | | | | | 112 | 112 | 146 | 143 |
| 36/ 35 | .2 | .4 | .8 | .8 | .4 | | | | | | | | | | | | | 64 | 64 | 114 | 131 |
| 34/ 33 | .1 | .8 | .3 | .5 | | | | | | | | | | | | | | 47 | 42 | 95 | 95 |
| 32/ 31 | .2 | .5 | .5 | .3 | .1 | | | | | | | | | | | | | 39 | 39 | 99 | 106 |
| 30/ 29 | | .3 | .5 | .2 | .1 | | | | | | | | | | | | | 29 | 29 | 58 | 95 |
| 28/ 27 | | | .2 | .0 | | | | | | | | | | | | | | 7 | 7 | 40 | 89 |
| 26/ 25 | | .1 | .1 | .1 | | | | | | | | | | | | | | 8 | 8 | 18 | 82 |
| 24/ 23 | | | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | 18 | 46 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 64 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 5 | 36 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 23 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 16 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | FEB MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 5 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.5 | 30.6 | 25.7 | 17.1 | 9.8 | 5.5 | 2.2 | .5 | .1 | | .0 | | | | | | | | 2426 | | 2420 |
| | | | | | | | | | | | | | | | | | | 2420 | | 2420 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14055532 | 178592 | 73.6 | 19.027 | 2420 | | | | | | | |
| Dry Bulb | 6002352 | 118830 | 49.0 | 8.659 | 2426 | | 3.0 | .6 | .0 | | | 84 |
| Wet Bulb | 5132936 | 109204 | 45.1 | 9.207 | 2420 | | 8.4 | .0 | | | | 84 |
| Dew Point | 4291998 | 97160 | 40.1 | 12.716 | 2420 | .2 | 22.6 | | | | | 84 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — FEB MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | |
| 68/ 67 | | .1 | .0 | .0 | | | | | | | | | | | | | | 6 | 5 | 1 | |
| 66/ 65 | | .2 | .3 | .0 | .1 | .0 | | | | | | | | | | | | 18 | 12 | 3 | 3 |
| 64/ 63 | .1 | 1.3 | .6 | .2 | | | .0 | | | | | | | | | | | 57 | 57 | 12 | 8 |
| 62/ 61 | .0 | 1.9 | .8 | .3 | .1 | .1 | | | | | | | | | | | | 93 | 93 | 78 | 46 |
| 60/ 59 | 1.1 | 1.9 | 1.0 | .5 | .3 | | | | | | | | | | | | | 116 | 116 | 89 | 83 |
| 58/ 57 | 1.1 | 1.9 | .8 | .1 | .4 | .2 | .0 | | | | | | | | | | | 109 | 110 | 100 | 80 |
| 56/ 55 | 1.0 | 2.9 | 1.1 | .5 | .6 | .1 | .0 | | | | | | | | | | | 151 | 151 | 116 | 108 |
| 54/ 53 | .6 | 2.1 | 1.4 | .8 | .6 | .3 | .0 | | | | | | | | | | | 142 | 143 | 103 | 96 |
| 52/ 51 | 1.0 | 2.9 | 1.6 | .8 | .7 | .4 | .2 | | | | | | | | | | | 181 | 183 | 122 | 104 |
| 50/ 49 | .7 | 2.3 | 1.8 | .9 | .8 | .2 | .1 | | | | | | | | | | | 162 | 162 | 154 | 108 |
| 48/ 47 | 1.0 | 2.8 | 1.0 | 1.0 | .7 | .6 | .0 | | | | | | | | | | | 170 | 170 | 155 | 121 |
| 46/ 45 | 1.0 | 2.3 | 1.5 | 1.1 | .7 | .2 | | | | | | | | | | | | 163 | 164 | 168 | 145 |
| 44/ 43 | .5 | 1.9 | 1.0 | .7 | 1.0 | .1 | | | | | | | | | | | | 127 | 128 | 136 | 122 |
| 42/ 41 | .6 | 2.4 | 1.0 | .9 | .6 | .1 | | | | | | | | | | | | 134 | 136 | 147 | 97 |
| 40/ 39 | .8 | 2.2 | 2.5 | 1.0 | .3 | .1 | | | | | | | | | | | | 164 | 164 | 140 | 142 |
| 38/ 37 | .7 | 2.4 | 1.5 | .9 | .6 | .2 | | | | | | | | | | | | 157 | 153 | 162 | 131 |
| 36/ 35 | 1.2 | 2.1 | .9 | .7 | .5 | | | | | | | | | | | | | 129 | 130 | 190 | 140 |
| 34/ 33 | .5 | 2.0 | .7 | .7 | .2 | | | | | | | | | | | | | 97 | 97 | 134 | 123 |
| 32/ 31 | .4 | 1.6 | .6 | .7 | .0 | | | | | | | | | | | | | 79 | 79 | 106 | 118 |
| 30/ 29 | .4 | 1.6 | .6 | .2 | .1 | | | | | | | | | | | | | 75 | 75 | 95 | 133 |
| 28/ 27 | .2 | .9 | .4 | .1 | .1 | | | | | | | | | | | | | 39 | 39 | 102 | 95 |
| 26/ 25 | .2 | .8 | .5 | | | | | | | | | | | | | | | 29 | 29 | 45 | 99 |
| 24/ 23 | | .3 | .1 | .1 | | | | | | | | | | | | | | 14 | 14 | 19 | 61 |
| 22/ 21 | .0 | .0 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 25 | 67 |
| 20/ 19 | | .0 | .1 | .0 | | | | | | | | | | | | | | 4 | 4 | 4 | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 39 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 28 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 11 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 13 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — FEB MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.S./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -27 -3 | | | | | | | | | | | | | | | | | | | | | 3 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 13. | 749. | 721. | 912. | 4 | 8.5 | 2.5 | .5 | | | | | | | | | | 2416 | 2426 | 2416 | 2416 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15645558 | 169778 | 70.6 | 17.498 | 2416 | | | | | | | |
| Dry Bulb | 5364924 | 111492 | 46.0 | 9.971 | 2426 | | 8.5 | .2 | | | | 84 |
| Wet Bulb | 4729826 | 103992 | 43.0 | 10.249 | 2416 | | 14.0 | .0 | | | | 84 |
| Dew Point | 4083869 | 94373 | 39.1 | 12.910 | 2416 | .3 | 26.5 | | | | | 84 |

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

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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAR — MONTH
PAGE 1
0000-0200 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 70/ 69 | | .2 | .1 | .1 | | | | | .0 | | | | | | | | | 12 | 12 | | |
| 68/ 67 | .0 | .9 | .2 | .1 | | | | | | | | | | | | | | 35 | 35 | 14 | 7 |
| 66/ 65 | .7 | 1.6 | .7 | .2 | .1 | .1 | .0 | | .1 | | | | | | | | | 93 | 93 | 52 | 42 |
| 64/ 63 | .5 | 2.1 | 1.1 | .3 | .1 | .0 | .0 | .0 | | | | | | | | | | 113 | 113 | 70 | 57 |
| 62/ 61 | 1.6 | 3.1 | 1.3 | .4 | .1 | .0 | | | | | | | | | | | | 177 | 177 | 134 | 104 |
| 60/ 59 | 1.4 | 2.9 | 1.0 | .7 | .4 | .1 | .1 | | | | | | | | | | | 176 | 176 | 159 | 139 |
| 58/ 57 | 1.8 | 2.8 | .7 | | .1 | .1 | .2 | | | | | | | | | | | 153 | 153 | 163 | 162 |
| 56/ 55 | .9 | 3.2 | 1.4 | .5 | .3 | .2 | .1 | | | | | | | | | | | 178 | 178 | 167 | 130 |
| 54/ 53 | 1.1 | 2.3 | 1.7 | .7 | .5 | .3 | .1 | | | | | | | | | | | 177 | 177 | 148 | 160 |
| 52/ 51 | 1.0 | 2.4 | 1.6 | .5 | .4 | .3 | | | | | | | | | | | | 169 | 169 | 132 | 122 |
| 50/ 49 | .3 | 2.6 | 1.7 | .9 | .6 | .2 | .0 | | | | | | | | | | | 181 | 181 | 153 | 127 |
| 48/ 47 | 1.1 | 2.7 | 1.3 | .6 | .4 | .2 | | | | | | | | | | | | 167 | 167 | 179 | 142 |
| 46/ 45 | .5 | 2.6 | 1.5 | 1.0 | .3 | .2 | | | | | | | | | | | | 163 | 163 | 180 | 137 |
| 44/ 43 | .5 | 2.2 | 1.3 | .7 | .6 | .1 | | | | | | | | | | | | 143 | 143 | 153 | 145 |
| 42/ 41 | .9 | 1.7 | 1.2 | 1.1 | .4 | .1 | | | | | | | | | | | | 143 | 143 | 152 | 116 |
| 40/ 39 | 1.2 | 2.2 | 1.5 | 1.0 | .4 | | | | | | | | | | | | | 172 | 172 | 170 | 164 |
| 38/ 37 | .8 | 1.3 | 1.2 | .7 | .3 | .0 | | | | | | | | | | | | 115 | 115 | 137 | 124 |
| 36/ 35 | .6 | 1.9 | .8 | .6 | .1 | | | | | | | | | | | | | 108 | 108 | 142 | 122 |
| 34/ 33 | .5 | .9 | 1.0 | .5 | .0 | | | | | | | | | | | | | 82 | 82 | 135 | 132 |
| 32/ 31 | .3 | 1.1 | .4 | .2 | | | | | | | | | | | | | | 53 | 53 | 72 | 121 |
| 30/ 29 | .3 | 1.0 | .4 | .1 | | | | | | | | | | | | | | 46 | 46 | 93 | 84 |
| 28/ 27 | .0 | .4 | .1 | | | | | | | | | | | | | | | 15 | 15 | 44 | 73 |
| 26/ 25 | .1 | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 21 | 69 |
| 24/ 23 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 10 | 57 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 2 | 59 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 30 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 28 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | 1 | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 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-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAR — MONTH
PAGE 2
0600-0200 — HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 16.7 | 42.2 | 22.4 | 10.9 | 5.2 | 1.9 | .6 | .0 | .1 | | | | | | | | | 2682 | 2682 | 2682 | 2682 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18734482 | 220064 | 82.1 | 15.900 | 2682 | | | | | | | |
| Dry Bulb | 6822752 | 132586 | 49.4 | 10.004 | 2682 | | 4.3 | 1.6 | | | | 93 |
| Wet Bulb | 6167328 | 125584 | 46.8 | 10.344 | 2682 | | 8.4 | .5 | | | | 93 |
| Dew Point | 5546982 | 117268 | 43.7 | 12.483 | 2682 | | 19.1 | .2 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 78/ 71 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | .2 | .2 | | .1 | | | | | | | | | | | | | 13 | 13 | 1 | |
| 68/ 67 | .1 | .6 | .3 | .0 | | .0 | | | | | | | | | | | | 25 | 25 | 12 | 9 |
| 66/ 65 | .5 | 1.2 | .3 | .3 | .2 | .1 | | | | | | | | | | | | 69 | 69 | 37 | 27 |
| 64/ 63 | .7 | 2.5 | .7 | .1 | .1 | | .0 | | | | | | | | | | | 110 | 110 | 66 | 52 |
| 62/ 61 | 1.3 | 3.0 | .8 | .2 | .1 | .0 | | .0 | | | | | | | | | | 147 | 147 | 139 | 98 |
| 60/ 59 | 1.7 | 3.1 | 1.3 | .4 | .1 | .1 | | | | | | | | | | | | 179 | 179 | 152 | 138 |
| 58/ 57 | 1.9 | 1.8 | 1.2 | .1 | .1 | | .1 | | | | | | | | | | | 140 | 140 | 149 | 165 |
| 56/ 55 | 1.9 | 3.3 | .9 | .2 | .1 | .1 | .1 | | | | | | | | | | | 174 | 174 | 156 | 130 |
| 54/ 53 | 1.2 | 2.7 | 1.1 | .2 | .1 | .1 | .0 | | | | | | | | | | | 148 | 148 | 157 | 141 |
| 52/ 51 | 1.0 | 2.0 | .6 | .2 | .2 | .1 | | | | | | | | | | | | 111 | 111 | 127 | 145 |
| 50/ 49 | .8 | 2.8 | .8 | .5 | .3 | .1 | | | | | | | | | | | | 144 | 144 | 110 | 102 |
| 48/ 47 | .9 | 3.1 | 1.0 | .9 | .5 | .2 | | | | | | | | | | | | 175 | 176 | 127 | 123 |
| 46/ 45 | .7 | 3.4 | 1.3 | 1.2 | .3 | .1 | | | | | | | | | | | | 189 | 189 | 148 | 122 |
| 44/ 43 | 1.1 | 2.8 | 1.3 | .8 | .3 | .1 | | | | | | | | | | | | 169 | 169 | 178 | 119 |
| 42/ 41 | .6 | 2.2 | 1.2 | .8 | .3 | | | | | | | | | | | | | 136 | 136 | 158 | 139 |
| 40/ 39 | .8 | 1.5 | 1.3 | .8 | .2 | | | | | | | | | | | | | 125 | 125 | 160 | 99 |
| 38/ 37 | 1.0 | 1.7 | 1.4 | 1.2 | .3 | | | | | | | | | | | | | 148 | 148 | 146 | 136 |
| 36/ 35 | 1.5 | 2.1 | .9 | .6 | .0 | | | | | | | | | | | | | 138 | 139 | 142 | 146 |
| 34/ 33 | .7 | 2.0 | 1.3 | .4 | | | | | | | | | | | | | | 120 | 120 | 153 | 138 |
| 32/ 31 | .9 | .9 | 1.1 | .5 | | | | | | | | | | | | | | 90 | 90 | 121 | 137 |
| 30/ 29 | .4 | 1.5 | .8 | .1 | | | | | | | | | | | | | | 76 | 76 | 93 | 101 |
| 28/ 27 | .3 | .5 | .1 | .2 | | | | | | | | | | | | | | 31 | 31 | 82 | 75 |
| 26/ 25 | | .3 | .1 | | | | | | | | | | | | | | | 11 | 11 | 42 | 58 |
| 24/ 23 | .1 | .3 | | | | | | | | | | | | | | | | 17 | 10 | 13 | 52 |
| 22/ 21 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 12 | 65 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 3 | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 38 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 29 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 4 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 4 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAR — MONTH
PAGE 2
0300-0500 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 19. | 745. | 720. | 2 | 9.7 | 3.4 | 1.1 | .3 | .0 | | | | | | | | | 2684 | 2685 | 2684 | 2684 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 19407603 | 224581 | 83.7 | 15.153 | 2684 | | | | | | | |
| Dry Bulb | 6432852 | 126298 | 47.0 | 10.514 | 2685 | | 7.7 | 1.4 | | | | 93 |
| Wet Bulb | 5893517 | 122273 | 45.6 | 10.976 | 2684 | | 12.7 | .5 | | | | 93 |
| Dew Point | 5352334 | 114658 | 42.7 | 13.012 | 2684 | | 22.6 | .3 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 74/ 73 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | | |
| 72/ 71 | | .0 | .2 | | | | | | | | | | | | | | | 7 | 7 | | |
| 70/ 69 | | .2 | .4 | .1 | .1 | | | | | | | | | | | | | 21 | 21 | 6 | 1 |
| 68/ 67 | .0 | .9 | .3 | .3 | .1 | | | | | | | | | | | | | 42 | 42 | 14 | 9 |
| 66/ 65 | .5 | 1.3 | .5 | .3 | .1 | | | | | | | | | | | | | 72 | 72 | 56 | 39 |
| 64/ 63 | .6 | 2.2 | 1.3 | .5 | .3 | .1 | | | | | | | | | | | | 130 | 130 | 71 | 68 |
| 62/ 61 | 1.0 | 2.2 | .6 | .4 | .2 | .1 | | | | | | | | | | | | 122 | 123 | 121 | 83 |
| 60/ 59 | 1.6 | 2.6 | 1.5 | .5 | .4 | .0 | | | | | | | | | | | | 181 | 181 | 136 | 146 |
| 58/ 57 | 1.7 | 2.7 | 1.7 | .2 | .1 | .0 | .1 | | | | | | | | | | | 173 | 173 | 158 | 134 |
| 56/ 55 | 1.3 | 2.9 | 1.0 | .4 | .2 | .1 | .1 | | | | | | | | | | | 160 | 161 | 175 | 130 |
| 54/ 53 | 1.2 | 1.9 | 1.0 | .5 | .3 | .3 | .0 | | | | | | | | | | | 143 | 143 | 164 | 164 |
| 52/ 51 | 1.1 | 2.2 | .7 | .5 | .2 | .2 | | | | | | | | | | | | 131 | 131 | 132 | 139 |
| 50/ 49 | .4 | 2.5 | 1.2 | .7 | .4 | .3 | | | | | | | | | | | | 157 | 157 | 118 | 116 |
| 48/ 47 | .7 | 3.0 | .7 | .7 | .6 | .1 | | | | | | | | | | | | 163 | 164 | 133 | 135 |
| 46/ 45 | .7 | 2.4 | 1.6 | 1.3 | .7 | .1 | | | | | | | | | | | | 183 | 183 | 166 | 120 |
| 44/ 43 | .7 | 2.5 | 1.5 | 1.1 | .4 | .1 | | | | | | | | | | | | 171 | 172 | 134 | 115 |
| 42/ 41 | .7 | 1.6 | 1.4 | .9 | .2 | | | | | | | | | | | | | 126 | 126 | 152 | 122 |
| 40/ 39 | .5 | 2.2 | 1.6 | .7 | .7 | .1 | | | | | | | | | | | | 160 | 160 | 173 | 116 |
| 38/ 37 | .7 | 1.3 | 1.3 | .7 | .3 | | | | | | | | | | | | | 116 | 116 | 162 | 109 |
| 36/ 35 | .3 | 1.3 | 1.9 | .7 | .1 | | | | | | | | | | | | | 132 | 133 | 132 | 128 |
| 34/ 33 | .4 | 1.3 | 1.0 | .5 | | | | | | | | | | | | | | 89 | 89 | 114 | 132 |
| 32/ 31 | .4 | 1.3 | 1.0 | .3 | | | | | | | | | | | | | | 82 | 82 | 130 | 126 |
| 30/ 29 | .3 | 1.0 | .7 | .2 | | | | | | | | | | | | | | 59 | 59 | 101 | 120 |
| 28/ 27 | .2 | .6 | .3 | .1 | | | | | | | | | | | | | | 30 | 30 | 64 | 69 |
| 26/ 25 | .1 | .3 | .1 | .0 | | | | | | | | | | | | | | 12 | 12 | 39 | 89 |
| 24/ 23 | | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 6 | 10 | 81 |
| 22/ 21 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 50 |
| 20/ 19 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 3 | 39 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 42 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 101 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 33/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 16. | 44 | 0.7 | 23. | 11.8 | 5.4 | 1.6 | .2 | | | | | | | | | | | 2681 | | 2676 |
| | | | | | | | | | | | | | | | | | | 2676 | | 2676 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 18385198 | 217742 | 81.4 | 15.813 | 2676 | | | | | | | |
| Dry Bulb | 6635759 | 130303 | 48.6 | 10.628 | 2681 | | 6.7 | 2.3 | .1 | | | 93 |
| Wet Bulb | 5961254 | 123066 | 46.0 | 10.965 | 2676 | | 12.5 | .7 | | | | 93 |
| Dew Point | 5355365 | 114337 | 42.7 | 13.233 | 2676 | .1 | 23.3 | .3 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAR (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .0 | .0 | .0 | .0 | | | | | | | | | | 4 | 4 | | | |
| 80/ 79 | | | | | .1 | .1 | .1 | .1 | .0 | .0 | .0 | | | | | | | 14 | 14 | | | |
| 78/ 77 | | | | .0 | .2 | .1 | .1 | .0 | .1 | | .0 | | | | | | | 15 | 16 | | | |
| 76/ 75 | | | | .4 | .3 | .2 | .3 | .0 | .1 | .0 | | | | | | | | 37 | 37 | | | |
| 74/ 73 | | | .2 | .7 | .7 | .4 | .2 | .3 | .1 | .0 | | | | | | | | 73 | 73 | 1 | | |
| 72/ 71 | | .0 | .6 | .8 | .4 | .5 | .3 | .3 | .1 | .0 | .0 | | | | | | | 84 | 84 | 5 | | |
| 70/ 69 | | .1 | 1.2 | 1.0 | 1.0 | .9 | .5 | .3 | .1 | .0 | | | | | | | | 137 | 137 | 33 | 2 | |
| 68/ 67 | | .4 | 1.3 | .5 | .7 | .7 | .3 | .3 | .1 | .1 | .0 | | | | | | | 125 | 125 | 62 | 25 | |
| 66/ 65 | .2 | 1.2 | 1.6 | 1.4 | .9 | .7 | .4 | .2 | .3 | | .0 | | | | | | | 186 | 186 | 116 | 63 | |
| 64/ 63 | .2 | 1.2 | .6 | 1.2 | .6 | .5 | .6 | .6 | .4 | | | | | | | | | 154 | 154 | 134 | 89 | |
| 62/ 61 | .3 | 1.4 | .9 | 1.1 | .6 | .5 | .6 | .4 | .1 | | | | | | | | | 170 | 170 | 149 | 154 | |
| 60/ 59 | .3 | 1.9 | 1.3 | 1.0 | .9 | .8 | 1.0 | .6 | | | | | | | | | | 215 | 215 | 179 | 105 | |
| 58/ 57 | .6 | 1.0 | .6 | 1.1 | .7 | .9 | .7 | .3 | | | | | | | | | | 162 | 162 | 188 | 135 | |
| 56/ 55 | .6 | 1.2 | .7 | 1.1 | 1.1 | 1.2 | .9 | .3 | | | | | | | | | | 189 | 189 | 149 | 156 | |
| 54/ 53 | .4 | .9 | 1.2 | 1.0 | 1.1 | 1.2 | .6 | .3 | | | | | | | | | | 177 | 177 | 149 | 142 | |
| 52/ 51 | .2 | 1.2 | 1.0 | .8 | 1.4 | 1.5 | .6 | .1 | | | | | | | | | | 184 | 184 | 157 | 114 | |
| 50/ 49 | .2 | 1.2 | .7 | .7 | 1.2 | 1.2 | .9 | .0 | | | | | | | | | | 164 | 164 | 186 | 113 | |
| 48/ 47 | .3 | .9 | .4 | .9 | 1.1 | 1.3 | .3 | .0 | | | | | | | | | | 140 | 140 | 194 | 144 | |
| 46/ 45 | .3 | .8 | .5 | 1.0 | 1.1 | .9 | .3 | | | | | | | | | | | 133 | 133 | 167 | 144 | |
| 44/ 43 | .2 | .4 | .4 | .7 | .9 | .8 | .0 | | | | | | | | | | | 93 | 94 | 145 | 114 | |
| 42/ 41 | .2 | .6 | .3 | .3 | 1.2 | .5 | .0 | | | | | | | | | | | 85 | 85 | 162 | 94 | |
| 40/ 39 | .1 | .2 | .3 | .4 | .9 | .1 | | | | | | | | | | | | 54 | 54 | 142 | 113 | |
| 38/ 37 | .0 | .1 | .1 | .6 | .4 | .1 | | | | | | | | | | | | 35 | 35 | 110 | 105 | |
| 36/ 35 | | | .1 | .4 | .2 | | .0 | | | | | | | | | | | 19 | 19 | 80 | 109 | |
| 34/ 33 | | .1 | .1 | .3 | .1 | | | | | | | | | | | | | 14 | 14 | 72 | 101 | |
| 32/ 31 | | .3 | | .1 | .0 | .0 | | | | | | | | | | | | 12 | 12 | 49 | 90 | |
| 30/ 29 | | .1 | | .1 | | | | | | | | | | | | | | 5 | 5 | 32 | 108 | |
| 28/ 27 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 12 | 82 | |
| 26/ 25 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 7 | 59 | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 72 | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 62 | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 49 | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 53 | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 31 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
47-47,49-72 — YEARS
MAR — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 147 13 | | | | | | | | | | | | | | | | | | | | | 29 |
| 127 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 107 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 87 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 47 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -47 -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -107-11 | | | | | | | | | | | | | | | | | | | | | 1 |
| -127-13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4.4 | 15.2 | 14.2 | 18.0 | 17.6 | 15.3 | 8.9 | 4.2 | 1.6 | .3 | .2 | | | | | | | | 2685 | | 2684 |
| | | | | | | | | | | | | | | | | | | 2684 | | 2684 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 12081007 | 171329 | 63.8 | 20.654 | 2684 | | | | | | | |
| Dry Bulb | 8922861 | 152415 | 56.8 | 10.048 | 2685 | | .7 | 17.0 | 5.0 | .2 | | 93 |
| Wet Bulb | 7083049 | 135185 | 50.4 | 10.109 | 2684 | | 3.6 | 3.5 | .0 | | | 93 |
| Dew Point | 5596960 | 115460 | 43.4 | 14.235 | 2684 | .1 | 22.9 | .9 | | | | 93 |

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

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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAR — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | | | | | | | .1 | | | .0 | | | | | 3 | 3 | | |
| 84/ 83 | | | | | | | | .1 | .1 | | | .0 | .0 | | | | | 6 | 6 | | |
| 82/ 81 | | | | | | .0 | .0 | .0 | .2 | .0 | .1 | .1 | | | | | | 14 | 14 | | |
| 80/ 79 | | | | | .0 | .0 | .2 | .3 | .1 | .0 | .1 | | | | | | | 21 | 21 | | |
| 78/ 77 | | | | .1 | .2 | .2 | .2 | .1 | | .3 | .1 | | | | | | | 27 | 27 | | |
| 76/ 75 | | | | .5 | .8 | .2 | .4 | .1 | .1 | .3 | | | .0 | | | | | 64 | 64 | | |
| 74/ 73 | | | .1 | 1.0 | .8 | .5 | .4 | .4 | .2 | .2 | .2 | .0 | | | | | | 99 | 99 | | |
| 72/ 71 | | .1 | .4 | 1.1 | 1.0 | .8 | .4 | .5 | .3 | .2 | .1 | .3 | | | | | | 134 | 134 | 6 | |
| 70/ 69 | | .2 | .8 | 1.6 | 1.3 | 1.0 | .9 | .3 | .3 | .1 | .2 | | | | | | | 130 | 180 | 38 | 3 |
| 68/ 67 | .0 | .6 | 1.3 | 1.2 | 1.0 | .8 | .4 | .6 | .3 | .3 | .0 | | | | | | | 181 | 181 | 95 | 22 |
| 66/ 65 | | .5 | 1.3 | 1.2 | .8 | .5 | .7 | 1.0 | .4 | .2 | .0 | | | | | | | 184 | 184 | 116 | 63 |
| 64/ 63 | .1 | .9 | 1.2 | 1.0 | 1.1 | .9 | .9 | 1.0 | .4 | .1 | | | | | | | | 202 | 202 | 162 | 97 |
| 62/ 61 | .1 | 1.3 | 1.0 | .7 | 1.3 | 1.3 | .8 | .7 | .3 | .1 | | | | | | | | 205 | 205 | 177 | 122 |
| 60/ 59 | .2 | 1.1 | .7 | 1.2 | .9 | .9 | 1.2 | .7 | .2 | | | | | | | | | 190 | 190 | 202 | 158 |
| 58/ 57 | .2 | .9 | .9 | 1.2 | .7 | 1.3 | 1.4 | 1.0 | .3 | | | | | | | | | 210 | 210 | 153 | 156 |
| 56/ 55 | .1 | 1.0 | .6 | 1.2 | 1.2 | 1.6 | 1.3 | .6 | .3 | | | | | | | | | 214 | 214 | 164 | 140 |
| 54/ 53 | .1 | 1.1 | .7 | .8 | 1.0 | 1.6 | 1.2 | .6 | .1 | | | | | | | | | 192 | 192 | 204 | 107 |
| 52/ 51 | | .7 | .6 | .4 | .9 | 1.6 | 1.1 | .3 | .1 | | | | | | | | | 153 | 153 | 206 | 134 |
| 50/ 49 | .1 | .5 | .3 | .4 | .8 | 1.0 | .9 | .4 | | | | | | | | | | 112 | 112 | 179 | 134 |
| 48/ 47 | .3 | .6 | .1 | .3 | .7 | .8 | .6 | .0 | | | | | | | | | | 87 | 87 | 187 | 106 |
| 46/ 45 | .2 | .5 | .1 | .2 | .5 | 1.0 | .3 | | | | | | | | | | | 72 | 72 | 174 | 159 |
| 44/ 43 | .1 | .3 | .3 | .2 | .4 | .5 | .1 | | | | | | | | | | | 53 | 53 | 170 | 107 |
| 42/ 41 | | .1 | .1 | .2 | .4 | .1 | .0 | | | | | | | | | | | 26 | 26 | 134 | 130 |
| 40/ 39 | .1 | .1 | .1 | .1 | .2 | .1 | | | | | | | | | | | | 18 | 18 | 107 | 101 |
| 38/ 37 | .0 | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 15 | 15 | 77 | 96 |
| 36/ 35 | | | | .1 | .0 | | | | | | | | | | | | | 5 | 5 | 65 | 126 |
| 34/ 33 | | .1 | .0 | .1 | | | | | | | | | | | | | | 2 | 2 | 30 | 80 |
| 32/ 31 | | .1 | | | | | | | | | | | | | | | | 4 | 4 | 18 | 113 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 12 | 98 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 87 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 55 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 62 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 57 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 35 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 40 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 30 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 19 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 15 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.6 | 11.0 | 11.1 | 14.8 | 15.6 | 16.9 | 13.4 | 8.9 | 3.7 | 1.7 | .9 | .2 | .1 | | | | | 2680 | | 2679 | |
| | | | | | | | | | | | | | | | | | 2679 | | 2679 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 10290020 | 156338 | 58.4 | 20.872 | 2679 | | | | | | | |
| Dry Bulb | 9925893 | 161191 | 60.1 | 9.284 | 2680 | | .2 | 25.3 | 8.1 | 1.1 | | 93 |
| Wet Bulb | 7518150 | 139744 | 52.2 | 9.242 | 2679 | | 1.1 | 4.8 | | | | 93 |
| Dew Point | 5677609 | 117562 | 43.9 | 13.916 | 2679 | | 21.9 | .9 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
MAR — 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 |
| 88/ 87 | | | | | | | | | | | .0 | | | .0 | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | .1 | | | .0 | | | | | 3 | 3 | | |
| 82/ 81 | | | | | | | | .1 | | | .0 | .1 | | | | | | 5 | 5 | | |
| 80/ 79 | | | | | | .1 | .0 | .1 | .1 | | | .0 | | | | | | 12 | 12 | | |
| 78/ 77 | | | | | | .1 | .1 | .1 | .1 | .1 | | .0 | | | | | | 14 | 14 | | |
| 76/ 75 | | | | .2 | .3 | .1 | .1 | .2 | .1 | .2 | .0 | | .2 | | | | | 40 | 40 | | |
| 74/ 73 | | | | .4 | .4 | .3 | .1 | .1 | .1 | .1 | .1 | .0 | | | | | | 46 | 46 | | |
| 72/ 71 | | | .6 | .6 | .4 | .7 | .5 | .2 | .1 | .2 | .2 | .1 | | | | | | 96 | 96 | | |
| 70/ 69 | | .1 | 1.1 | 1.3 | .9 | .5 | .6 | .4 | .4 | .2 | .3 | | | | | | | 153 | 153 | 11 | |
| 68/ 67 | | .3 | 1.9 | 1.2 | .9 | .8 | .4 | .4 | .2 | .2 | | | | | | | | 171 | 171 | 57 | 8 |
| 66/ 65 | .3 | .9 | 2.0 | 1.2 | .9 | .8 | .5 | .4 | .5 | .3 | .1 | | | | | | | 215 | 215 | 102 | 53 |
| 64/ 63 | .1 | 1.4 | 1.6 | 1.5 | 1.1 | .7 | .4 | .6 | .3 | .2 | | | | | | | | 213 | 213 | 139 | 77 |
| 62/ 61 | .4 | 1.3 | 1.6 | 1.0 | 1.1 | .7 | 1.0 | .6 | .4 | | | | | | | | | 225 | 225 | 200 | 135 |
| 60/ 59 | .3 | 1.6 | 1.7 | 1.2 | 1.4 | 1.8 | 1.2 | .4 | .4 | .0 | | | | | | | | 269 | 269 | 212 | 152 |
| 58/ 57 | .3 | 1.6 | .9 | 1.7 | 1.3 | 1.2 | .7 | .4 | .6 | | | | | | | | | 235 | 235 | 191 | 153 |
| 56/ 55 | .1 | 1.0 | 1.4 | 1.3 | 1.3 | 1.0 | 1.2 | .9 | .2 | | | | | | | | | 227 | 227 | 201 | 171 |
| 54/ 53 | .1 | .6 | 1.1 | 1.3 | 1.5 | 1.1 | 1.3 | .8 | .1 | | | | | | | | | 214 | 214 | 175 | 132 |
| 52/ 51 | .1 | .6 | .9 | 1.0 | 1.1 | .9 | .5 | .3 | .1 | | | | | | | | | 148 | 148 | 222 | 141 |
| 50/ 49 | .1 | .4 | .5 | .6 | 1.0 | .6 | .6 | .3 | | | | | | | | | | 117 | 117 | 224 | 135 |
| 48/ 47 | .2 | .4 | .3 | .5 | .7 | .5 | .6 | .2 | | | | | | | | | | 91 | 91 | 214 | 138 |
| 46/ 45 | .1 | .4 | .2 | .4 | .6 | .4 | .1 | | | | | | | | | | | 60 | 60 | 165 | 144 |
| 44/ 43 | .2 | .4 | .2 | .3 | .4 | .1 | | | | | | | | | | | | 44 | 44 | 158 | 133 |
| 42/ 41 | .1 | .4 | .1 | .2 | .2 | .1 | | | | | | | | | | | | 32 | 32 | 143 | 127 |
| 40/ 39 | | .3 | .2 | .1 | .1 | | | | | | | | | | | | | 19 | 19 | 90 | 131 |
| 38/ 37 | .1 | .1 | | .1 | .1 | | | | | | | | | | | | | 11 | 11 | 83 | 106 |
| 36/ 35 | | .1 | | .1 | .0 | | | | | | | | | | | | | 5 | 5 | 52 | 117 |
| 34/ 33 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 16 | 98 |
| 32/ 31 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 12 | 81 |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 10 | 85 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 60 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 70 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 58 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 35 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 40 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

2

DATA PROCESSING BRANCH
USAF ETAC
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 35 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 28 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 10 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 5 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 6 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.7 | 12.6 | 16.4 | 16.2 | 15.9 | 12.9 | 10.1 | 6.5 | 3.7 | 1.8 | .8 | .3 | .2 | .0 | | | | 2677 | | 2677 | |
| | | | | | | | | | | | | | | | | | | 2677 | | 2677 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11416718 | 165164 | 61.7 | 21.409 | 2677 | | | | | | | |
| Dry Bulb | 9599129 | 158709 | 59.3 | 8.424 | 2677 | | .3 | 18.8 | 4.2 | .6 | | 93 |
| Wet Bulb | 7440905 | 139291 | 52.0 | 8.498 | 2677 | | .8 | 2.4 | | | | 93 |
| Dew Point | 5761538 | 119098 | 44.5 | 13.153 | 2677 | | 18.3 | .3 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) 7/1 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — MAR MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 82/ 81 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 76/ 75 | | | | | .0 | | .0 | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | | | | .0 | .2 | .0 | | .1 | | .0 | | | | | | | 11 | 11 | | |
| 72/ 71 | | | .0 | .1 | .1 | .0 | .1 | | | .0 | | .0 | | | | | | 14 | 14 | | |
| 70/ 69 | | .0 | .4 | .1 | .1 | .1 | .1 | .1 | .0 | .1 | .1 | | | | | | | 36 | 36 | 1 | |
| 68/ 67 | | .7 | .9 | .3 | .5 | .2 | .0 | .1 | .1 | .1 | | | | | | | | 77 | 77 | 9 | 1 |
| 66/ 65 | .3 | 1.9 | 1.2 | .6 | .5 | .1 | .1 | .2 | .0 | .1 | | | | | | | | 133 | 133 | 67 | 20 |
| 64/ 63 | .7 | 2.2 | .9 | .9 | .6 | .3 | .1 | .3 | .1 | .1 | | | | | | | | 167 | 167 | 99 | 96 |
| 62/ 61 | .5 | 4.1 | 1.9 | 1.2 | .5 | .3 | .4 | .2 | .1 | .0 | | | | | | | | 247 | 247 | 143 | 94 |
| 60/ 59 | .4 | 3.3 | 1.6 | 1.1 | .9 | .3 | .0 | .2 | .0 | | | | | | | | | 240 | 240 | 201 | 149 |
| 58/ 57 | .7 | 3.8 | 1.4 | 1.5 | .5 | .6 | .5 | .1 | .1 | | | | | | | | | 244 | 244 | 202 | 151 |
| 56/ 55 | .6 | 2.7 | 2.1 | 2.1 | .7 | .5 | .4 | .1 | .1 | | | | | | | | | 251 | 251 | 222 | 173 |
| 54/ 53 | .3 | 1.7 | 2.7 | 1.5 | .9 | .5 | .4 | .1 | .0 | .0 | | | | | | | | 218 | 218 | 171 | 169 |
| 52/ 51 | .3 | 1.7 | 2.1 | 1.5 | 1.4 | .3 | .4 | .1 | .0 | | | | | | | | | 212 | 212 | 202 | 137 |
| 50/ 49 | .2 | 1.3 | 1.6 | 1.7 | 1.3 | .6 | .4 | .1 | | | | | | | | | | 197 | 197 | 227 | 144 |
| 48/ 47 | .5 | 1.7 | 1.3 | 1.4 | 1.2 | .4 | .2 | .0 | | | | | | | | | | 183 | 183 | 200 | 177 |
| 46/ 45 | .2 | 1.0 | 1.0 | .9 | .6 | .7 | .3 | | | | | | | | | | | 125 | 125 | 209 | 164 |
| 44/ 43 | .1 | .6 | .7 | 1.0 | .7 | .4 | .0 | | | | | | | | | | | 94 | 94 | 158 | 151 |
| 42/ 41 | .1 | .7 | .6 | .9 | .4 | .1 | | | | | | | | | | | | 75 | 75 | 143 | 117 |
| 40/ 39 | .2 | .7 | .6 | .7 | .3 | .0 | | | | | | | | | | | | 68 | 68 | 126 | 131 |
| 38/ 37 | .1 | .5 | .7 | .1 | .1 | | | | | | | | | | | | | 42 | 42 | 108 | 128 |
| 36/ 35 | | .1 | .3 | .2 | .0 | | | | | | | | | | | | | 17 | 17 | 94 | 112 |
| 34/ 33 | .1 | .1 | .1 | .0 | | | | | | | | | | | | | | 8 | 8 | 48 | 100 |
| 32/ 31 | .0 | .1 | | .1 | | | | | | | | | | | | | | 7 | 7 | 28 | 82 |
| 30/ 29 | | .1 | .0 | | | | | | | | | | | | | | | 5 | 5 | 12 | 65 |
| 28/ 27 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 4 | 56 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 4 | 72 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 33 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 32 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 26 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 31 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 14 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — MAR MONTH

PAGE 2 — 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 8 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5 | 729 | 322 | 416 | 311 | 8 | 5.9 | 4.1 | 1.6 | .8 | .4 | .1 | .0 | | | | | | 2577 | | 2677 |
| | | | | | | | | | | | | | | | | | | 2677 | | 2677 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15235600 | 195254 | 72.9 | 19.275 | 2677 | | | | | | | |
| Dry Bulb | 8154834 | 146150 | 54.6 | 8.107 | 2677 | | .5 | 5.0 | .6 | .0 | | 93 |
| Wet Bulb | 6907613 | 134009 | 50.1 | 8.628 | 2677 | | 1.7 | .3 | | | | 93 |
| Dew Point | 5840787 | 120779 | 45.1 | 12.097 | 2677 | | 15.0 | .0 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | | | | | .0 | .1 | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | | | .1 | .0 | | | | | | | | | | | | 3 | 3 | | |
| 72/ 71 | | | | | .1 | | | | .0 | | | | | | | | | 3 | 3 | | |
| 70/ 69 | .0 | .1 | .0 | .2 | | | | | | .0 | | | | | | | | 13 | 13 | 3 | 1 |
| 68/ 67 | .1 | .7 | .4 | .1 | | .0 | .0 | .0 | .0 | | | | | | | | | 40 | 40 | 5 | 4 |
| 66/ 65 | .3 | 1.6 | .8 | .3 | .1 | .0 | .1 | | | | | | | | | | | 86 | 86 | 50 | 27 |
| 64/ 63 | 1.1 | 2.2 | .9 | .2 | .2 | .2 | .0 | .1 | | | | | | | | | | 133 | 133 | 95 | 81 |
| 62/ 61 | 1.0 | 3.7 | 1.8 | .7 | .4 | .2 | | .1 | | | | | | | | | | 211 | 211 | 132 | 103 |
| 60/ 59 | 1.1 | 3.3 | 1.5 | .6 | .4 | .5 | .1 | .2 | | | | | | | | | | 204 | 204 | 163 | 140 |
| 58/ 57 | 1.3 | 3.3 | 1.1 | .5 | .4 | .1 | .2 | | | | | | | | | | | 188 | 188 | 173 | 154 |
| 56/ 55 | 1.0 | 3.8 | 1.6 | 1.0 | .5 | .3 | .1 | .3 | | | | | | | | | | 232 | 232 | 199 | 159 |
| 54/ 53 | .8 | 2.4 | 1.4 | 1.2 | .7 | .5 | .1 | .3 | | | | | | | | | | 191 | 191 | 177 | 173 |
| 52/ 51 | .4 | 2.6 | 1.6 | .9 | .6 | .3 | .1 | | | | | | | | | | | 178 | 178 | 163 | 139 |
| 50/ 49 | .6 | 2.3 | 2.5 | 1.3 | .6 | .1 | .1 | .0 | | | | | | | | | | 205 | 205 | 183 | 142 |
| 48/ 47 | 1.0 | 2.4 | 1.5 | .9 | .4 | .4 | .2 | | | | | | | | | | | 181 | 181 | 200 | 162 |
| 46/ 45 | .3 | 2.5 | 1.1 | 1.0 | .6 | .3 | .1 | | | | | | | | | | | 159 | 159 | 191 | 139 |
| 44/ 43 | .3 | 2.6 | 1.2 | 1.0 | .5 | .1 | .0 | | | | | | | | | | | 156 | 156 | 171 | 168 |
| 42/ 41 | .4 | 1.6 | 1.2 | .9 | .5 | .1 | .1 | | | | | | | | | | | 127 | 127 | 155 | 159 |
| 40/ 39 | .7 | 1.8 | 1.2 | .8 | .5 | .1 | | | | | | | | | | | | 130 | 130 | 148 | 131 |
| 38/ 37 | .0 | 1.3 | 1.0 | .7 | .0 | | | | | | | | | | | | | 84 | 84 | 135 | 128 |
| 36/ 35 | .1 | 1.1 | .2 | .4 | .1 | | | | | | | | | | | | | 68 | 68 | 112 | 115 |
| 34/ 33 | .1 | .8 | .3 | .1 | | | | | | | | | | | | | | 34 | 34 | 88 | 100 |
| 32/ 31 | | .6 | .4 | | | | | | | | | | | | | | | 27 | 27 | 71 | 109 |
| 30/ 29 | .0 | .3 | .0 | .1 | | | | | | | | | | | | | | 12 | 12 | 35 | 87 |
| 28/ 27 | | .2 | .1 | .0 | | | | | | | | | | | | | | 11 | 11 | 16 | 52 |
| 26/ 25 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 10 | 57 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 8 | 33 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 34 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 29 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 26 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 10 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean Nu. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAR MONTH

PAGE 2 | 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 87 | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 67 | 5 | | | | | | | | | | | | | | | | | | | | | 1 |
| 47 | 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1 | 9 | 41 | 32 | 3 | 12.7 | 6.7 | 3.5 | 1.3 | .6 | .1 | .0 | | | | | | | | 2683 | | 2683 |
| | | | | | | | | | | | | | | | | | | | 2683 | | 2683 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17746608 | 213546 | 79.6 | 16.723 | 2683 | | | | | | | |
| Dry Bulb | 7326645 | 138069 | 51.5 | 9.088 | 2683 | | 1.9 | 2.1 | .2 | | | 93 |
| Wet Bulb | 6505840 | 129640 | 48.3 | 9.494 | 2683 | | 4.9 | .3 | | | | 93 |
| Dew Point | 5764343 | 120165 | 44.8 | 11.941 | 2683 | | 15.9 | .2 | | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — APR MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 76/ 75 | | | | .0 | .0 | | | | | .0 | | | | | | | | 3 | 3 | | |
| 74/ 73 | | | .1 | .1 | .1 | | | | .0 | | | | | | | | | 9 | 9 | | |
| 72/ 71 | | .3 | .2 | .3 | .2 | .0 | | | | | .0 | | | | | | | 30 | 30 | 1 | |
| 70/ 69 | .1 | .9 | 1.4 | .9 | .2 | .1 | .0 | | | .1 | | | | | | | | 97 | 97 | 18 | 12 |
| 68/ 67 | .5 | 2.6 | 2.0 | .5 | .1 | .0 | | .0 | | | | | | | | | | 156 | 161 | 69 | 32 |
| 66/ 65 | .9 | 5.7 | 2.6 | .8 | .6 | .3 | .0 | .1 | .1 | | | | | | | | | 290 | 291 | 167 | 131 |
| 64/ 63 | 1.6 | 6.0 | 2.4 | .5 | .4 | .1 | .1 | .0 | | .0 | | | | | | | | 286 | 286 | 255 | 214 |
| 62/ 61 | 1.5 | 4.9 | 2.1 | 1.0 | .3 | .2 | | .1 | | | | | | | | | | 260 | 261 | 290 | 279 |
| 60/ 59 | 1.7 | 3.4 | 2.3 | .5 | .7 | .1 | .1 | .0 | .0 | | | | | | | | | 239 | 241 | 254 | 252 |
| 58/ 57 | 1.4 | 2.4 | 1.6 | .8 | .9 | .3 | .0 | .1 | .0 | | | | | | | | | 194 | 195 | 196 | 195 |
| 56/ 55 | .9 | 1.9 | 1.4 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | 155 | 156 | 178 | 153 |
| 54/ 53 | .7 | 1.6 | .8 | .8 | .5 | .3 | .0 | | | | | | | | | | | 123 | 126 | 149 | 143 |
| 52/ 51 | .4 | 2.1 | 1.0 | .3 | .5 | .4 | .1 | | | | | | | | | | | 150 | 151 | 147 | 161 |
| 50/ 49 | .5 | 2.0 | .9 | .9 | .3 | .1 | | | | | | | | | | | | 121 | 121 | 141 | 113 |
| 48/ 47 | .5 | 2.1 | .9 | .3 | .2 | .1 | | | | | | | | | | | | 107 | 107 | 123 | 116 |
| 46/ 45 | .3 | 2.5 | .7 | .5 | .2 | .1 | | | | | | | | | | | | 111 | 111 | 150 | 121 |
| 44/ 43 | .5 | 1.7 | .7 | .1 | .0 | | | | | | | | | | | | | 78 | 78 | 132 | 137 |
| 42/ 41 | .3 | .9 | .3 | .2 | .1 | | | | | | | | | | | | | 45 | 45 | 88 | 119 |
| 40/ 39 | .3 | 1.1 | .1 | .2 | .2 | | | | | | | | | | | | | 48 | 48 | 71 | 89 |
| 38/ 37 | .2 | 1.0 | .1 | .1 | .0 | | | | | | | | | | | | | 40 | 40 | 46 | 82 |
| 36/ 35 | .1 | .3 | .2 | .1 | | | | | | | | | | | | | | 18 | 18 | 30 | 63 |
| 34/ 33 | .0 | .2 | .0 | .0 | | | | | | | | | | | | | | 9 | 9 | 21 | 41 |
| 32/ 31 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 17 | 33 |
| 30/ 29 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 26 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 3 | 14 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 16 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 13.1 | 44.1 | 22.3 | 10.8 | 6.1 | 2.3 | .5 | .5 | .2 | .2 | .0 | | | | | | | | 2589 | | 2574 |
| | | | | | | | | | | | | | | | | | | 2574 | | 2574 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 18590595 | 215607 | 83.8 | 14.268 | 2573 |
| Dry Bulb | 8711826 | 148532 | 57.4 | 8.579 | 2589 |
| Wet Bulb | 7853707 | 140375 | 54.5 | 8.778 | 2574 |
| Dew Point | 7261851 | 134095 | 52.1 | 10.358 | 2574 |

| Mean No. of Hours with Temperature | | | | | | | |
|---|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | .2 | 10.4 | .4 | | | 90 |
| Dry Bulb | | .8 | 3.1 | | | | 90 |
| Wet Bulb | | 4.1 | 1.5 | | | | 90 |
| Dew Point | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
APR — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 74/ 73 | | | .2 | .3 | | | | | | | | | | | | | | 5 | 5 | | |
| 72/ 71 | | .0 | .2 | .1 | .2 | .0 | | .0 | | | | | | | | | | 15 | 15 | | |
| 70/ 69 | .2 | .6 | .6 | .3 | | | .0 | | | | | | | | | | | 55 | 55 | 16 | 7 |
| 68/ 67 | .3 | 2.9 | 1.7 | .4 | .2 | .0 | .0 | | | | | | | | | | | 144 | 146 | 48 | 30 |
| 66/ 65 | 1.3 | 4.4 | 1.4 | .4 | .2 | .1 | | | | | | | | | | | | 196 | 196 | 151 | 107 |
| 64/ 63 | 1.6 | 5.6 | 1.4 | .2 | .3 | .1 | .1 | .0 | | | | | | | | | | 240 | 241 | 221 | 184 |
| 62/ 61 | 1.8 | 4.6 | 1.7 | .6 | .4 | .2 | .1 | .0 | | | | | | | | | | 247 | 247 | 236 | 227 |
| 60/ 59 | 2.0 | 4.2 | 1.3 | .9 | .3 | .2 | .0 | | | | | | | | | | | 256 | 257 | 254 | 250 |
| 58/ 57 | 2.6 | 2.7 | 1.6 | .5 | .7 | .0 | .0 | | | | | | | | | | | 208 | 212 | 195 | 217 |
| 56/ 55 | 1.5 | 2.7 | .7 | .7 | .2 | .1 | .0 | | | | | | | | | | | 153 | 154 | 204 | 157 |
| 54/ 53 | 1.3 | 1.9 | .9 | .9 | .6 | .0 | .0 | | | | | | | | | | | 146 | 147 | 143 | 145 |
| 52/ 51 | .9 | 2.4 | .3 | .5 | .5 | .1 | .2 | .0 | | | | | | | | | | 140 | 143 | 141 | 148 |
| 50/ 49 | 1.2 | 1.7 | 1.4 | .5 | .4 | .2 | | | | | | | | | | | | 140 | 141 | 148 | 130 |
| 48/ 47 | .6 | 2.4 | 1.1 | .6 | .5 | .1 | | | | | | | | | | | | 138 | 138 | 114 | 115 |
| 46/ 45 | 1.1 | 1.9 | .3 | .7 | .1 | .1 | | | | | | | | | | | | 120 | 121 | 164 | 116 |
| 44/ 43 | .7 | 1.9 | .5 | .4 | | | | | | | | | | | | | | 92 | 92 | 123 | 143 |
| 42/ 41 | 1.0 | 1.9 | .5 | .2 | | | | | | | | | | | | | | 93 | 93 | 125 | 123 |
| 40/ 39 | .7 | 1.5 | .3 | .1 | .0 | | | | | | | | | | | | | 67 | 67 | 106 | 113 |
| 38/ 37 | .4 | .9 | .2 | | .1 | | | | | | | | | | | | | 42 | 42 | 67 | 92 |
| 36/ 35 | .3 | .7 | .2 | .1 | .0 | | | | | | | | | | | | | 34 | 34 | 46 | 73 |
| 34/ 33 | .2 | .4 | .3 | .1 | | | | | | | | | | | | | | 27 | 27 | 28 | 63 |
| 32/ 31 | .1 | .3 | .1 | | | | | | | | | | | | | | | 15 | 15 | 18 | 44 |
| 30/ 29 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 23 | 22 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 20 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 10 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 11 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 6 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 20.3 | 45.9 | 18.7 | 8.6 | 4.6 | 1.3 | .5 | .2 | | | | | | | | | | | 2593 | | 2577 |
| | | | | | | | | | | | | | | | | | | 2577 | | 2577 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 19612833 | 222177 | 86.2 | 13.331 | 2577 | | | | | | | |
| Dry Bulb | 8173345 | 143641 | 55.4 | 9.134 | 2593 | | .7 | 7.7 | .2 | | | 90 |
| Wet Bulb | 7488607 | 136833 | 53.1 | 9.306 | 2577 | | 1.6 | 2.2 | | | | 90 |
| Dew Point | 5999835 | 131495 | 51.0 | 10.612 | 2577 | | 4.7 | 1.3 | | | | 90 |

USAFETAC FORM 0-26-5 (OL A) 70L 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-47,49-72 YEARS | APR MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .3 | .2 | .1 | | | | | | | | | | | | 16 | 16 | | |
| 74/ 73 | | .0 | .5 | .9 | .2 | .1 | | | | | | | | | | | | 45 | 45 | | |
| 72/ 71 | | .3 | .9 | .7 | .4 | .2 | .0 | | | | | | | | | | | 64 | 64 | 3 | |
| 70/ 69 | .2 | 1.2 | 2.0 | 1.4 | .4 | .2 | .1 | | .0 | | | | | | | | | 143 | 143 | 49 | 14 |
| 68/ 67 | .5 | 3.1 | 2.4 | 1.0 | .4 | .3 | .1 | | | | | | | | | | | 199 | 200 | 124 | 74 |
| 66/ 65 | 1.1 | 4.5 | 2.4 | 1.2 | .4 | .2 | .0 | | | | | | | | | | | 258 | 258 | 198 | 170 |
| 64/ 63 | 1.2 | 3.7 | 1.5 | 1.1 | .5 | .4 | .1 | | | | | | | | | | | 222 | 224 | 268 | 207 |
| 62/ 61 | 1.5 | 3.0 | 1.3 | 1.1 | .6 | .3 | .2 | | | | | | | | | | | 210 | 212 | 210 | 232 |
| 60/ 59 | 1.4 | 3.3 | 1.7 | 1.4 | .7 | .5 | .0 | | | | | | | | | | | 232 | 232 | 209 | 200 |
| 58/ 57 | .7 | 2.5 | 1.4 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | 185 | 185 | 181 | 175 |
| 56/ 55 | .9 | 2.3 | .8 | 1.2 | .6 | .4 | .1 | | | | | | | | | | | 168 | 169 | 178 | 167 |
| 54/ 53 | .6 | 1.6 | .9 | .8 | .6 | .1 | .1 | | | | | | | | | | | 121 | 121 | 181 | 132 |
| 52/ 51 | .5 | 1.7 | 1.5 | .8 | .5 | .3 | .0 | | | | | | | | | | | 140 | 140 | 140 | 162 |
| 50/ 49 | .5 | 2.0 | .9 | 1.0 | .5 | .3 | | | | | | | | | | | | 126 | 127 | 135 | 116 |
| 48/ 47 | .4 | 1.7 | .9 | .9 | .5 | .2 | | | | | | | | | | | | 108 | 108 | 143 | 116 |
| 46/ 45 | .3 | 1.9 | 1.0 | .5 | .4 | .1 | | | | | | | | | | | | 109 | 109 | 132 | 135 |
| 44/ 43 | .5 | 1.4 | .5 | .7 | .1 | .1 | | | | | | | | | | | | 84 | 84 | 123 | 124 |
| 42/ 41 | .3 | .9 | .3 | .2 | .2 | .0 | | | | | | | | | | | | 51 | 51 | 109 | 119 |
| 40/ 39 | .3 | .5 | .3 | .1 | .0 | | | | | | | | | | | | | 31 | 31 | 66 | 105 |
| 38/ 37 | .2 | .7 | .3 | .3 | .0 | | | | | | | | | | | | | 37 | 37 | 54 | 74 |
| 36/ 35 | .1 | .3 | .1 | .0 | .0 | | | | | | | | | | | | | 16 | 16 | 36 | 75 |
| 34/ 33 | | .3 | .1 | | | | | | | | | | | | | | | 7 | 7 | 20 | 37 |
| 32/ 31 | | .2 | .1 | | | | | | | | | | | | | | | 6 | 0 | 11 | 39 |
| 30/ 29 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 9 | 33 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 4 | 25 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 12 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 17 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 11.1 | 37.0 | 21.0 | 16.4 | 8.4 | 4.5 | .9 | | .0 | | | | | | | | | 2583 | 2590 | 2583 | 2583 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17604531 | 209755 | 81.2 | 14.873 | 2583 | | | | | | | |
| Dry Bulb | 8925933 | 150223 | 58.0 | 9.067 | 2590 | | .3 | 16.3 | 2.2 | | | 90 |
| Wet Bulb | 7936819 | 141225 | 54.7 | 9.175 | 2583 | | .0 | 6.1 | | | | 90 |
| Dew Point | 7245142 | 133894 | 51.6 | 10.880 | 2583 | | 5.0 | 3.1 | | | | 90 |

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

USAFETAC

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dr/ Bulb | Wet Bulb | Dew Point |
| 867/ 85 | | | | | | .0 | .1 | .1 | .0 | .0 | | | | | | | | 7 | 7 | | |
| 84/ 83 | | | | | | .0 | .2 | .1 | .1 | .1 | .0 | | .0 | | | | | 15 | 18 | | |
| 82/ 81 | | | | | .0 | .2 | .3 | .2 | .1 | .1 | .3 | | | | | | | 26 | 26 | | |
| 80/ 79 | | | | | .3 | .8 | .4 | .2 | .2 | .1 | .2 | | | | | | | 67 | 67 | | |
| 787/ 77 | | | .0 | .1 | 1.4 | 1.3 | .9 | .5 | .3 | .2 | .1 | | | | | | | 125 | 125 | | |
| 76/ 75 | | .0 | .2 | 1.5 | 2.2 | 1.8 | 1.1 | .5 | .5 | .2 | .1 | .0 | | | | | | 212 | 212 | 1 | |
| 747 73 | | .1 | .3 | 2.5 | 2.1 | 1.7 | .7 | .6 | .2 | .2 | .0 | | | | | | | 221 | 221 | 8 | 1 |
| 72/ 71 | | .4 | 1.4 | 2.1 | 1.9 | .9 | .6 | .5 | .3 | .2 | | | | | | | | 221 | 221 | 49 | 5 |
| 70/ 69 | .1 | .8 | 1.6 | 2.0 | 1.2 | 1.4 | .8 | .7 | .6 | .2 | | | | | | | | 245 | 245 | 170 | 26 |
| 68/ 67 | .1 | 1.0 | 1.5 | 1.2 | 1.0 | 1.4 | .8 | .8 | .7 | .1 | | | | | | | | 224 | 224 | 253 | 108 |
| 667 65 | .3 | 1.2 | 1.3 | 1.0 | 1.1 | 1.2 | 1.0 | 1.0 | .4 | .2 | | | | | | | | 234 | 234 | 289 | 208 |
| 64/ 63 | .4 | 1.3 | 1.0 | 1.0 | 1.1 | 1.2 | 1.2 | .6 | .5 | .1 | | | | | | | | 214 | 214 | 246 | 233 |
| 627 61 | .4 | .8 | 1.1 | 1.0 | .7 | 1.0 | 1.1 | .6 | .1 | | | | | | | | | 171 | 171 | 206 | 208 |
| 60/ 59 | .1 | .3 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 | .8 | .0 | .0 | | | | | | | | 167 | 167 | 185 | 199 |
| 587 57 | .3 | .4 | .8 | .7 | .7 | .8 | 1.1 | .3 | .1 | | | | | | | | | 120 | 120 | 133 | 166 |
| 56/ 55 | .2 | .5 | .6 | .6 | .8 | .7 | .8 | .1 | | | | | | | | | | 113 | 113 | 176 | 144 |
| 547 53 | .1 | .2 | .4 | .2 | .5 | .9 | .4 | | | | | | | | | | | 69 | 69 | 171 | 115 |
| 52/ 51 | | .2 | .2 | .2 | .3 | .5 | .4 | | | | | | | | | | | 47 | 47 | 165 | 160 |
| 507 49 | .1 | .3 | .2 | .2 | .2 | .3 | | | | | | | | | | | | 31 | 31 | 125 | 138 |
| 487 47 | .3 | .2 | .1 | .2 | .1 | .4 | .1 | | | | | | | | | | | 32 | 32 | 129 | 107 |
| 467 45 | | .2 | .1 | .1 | .2 | .1 | .0 | | | | | | | | | | | 17 | 17 | 83 | 102 |
| 44/ 43 | | .0 | .0 | | .1 | .2 | | | | | | | | | | | | 8 | 8 | 68 | 93 |
| 427 41 | | | | | .0 | .3 | | | | | | | | | | | | 2 | 2 | 37 | 97 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 24 | 87 |
| 387 37 | | | | | | | | | | | | | | | | | | | | 12 | 74 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 6 | 72 |
| 347 33 | | | | | | | | | | | | | | | | | | | | 4 | 58 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 47 |
| 307 29 | | | | | | | | | | | | | | | | | | | | | 46 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 31 |
| 267 25 | | | | | | | | | | | | | | | | | | | | | 28 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 14 |
| 227 21 | | | | | | | | | | | | | | | | | | | | | 7 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 4 |

| Element (X) | $\Sigma X'$ | $\Sigma y$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR 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/ 17 | | | | | | | | | | | | | | | | | | | | | 8 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 3 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 8.0 | 12.0 | 15.6 | 16.8 | 18.0 | 13.2 | 8.1 | 4.2 | 1.7 | .5 | .0 | .0 | | | | | 2591 | | 2591 | |
| | | | | | | | | | | | | | | | | | 2591 | | 2591 | | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 10862773 | 161017 | 62.1 | 10.184 | 2591 | | | | | | | |
| Dry Bulb | 11636955 | 172377 | 66.5 | 8.074 | 2591 | | | 47.4 | 23.5 | 2.9 | | 90 |
| Wet Bulb | 9043162 | 151597 | 58.5 | 8.141 | 2591 | | .0 | 16.7 | .3 | | | 90 |
| Dew Point | 7387254 | 134978 | 52.1 | 11.717 | 2591 | | 6.6 | 4.9 | .0 | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — APR MONTH

PAGE 1 — 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | | | | .1 | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | | .0 | .1 | .0 | .1 | | .0 | | | | 8 | 8 | | |
| 88/ 87 | | | | | | | | .1 | .1 | .0 | .1 | .1 | | .0 | | | | 14 | 14 | | |
| 86/ 85 | | | | | | | .0 | .2 | .1 | .3 | .2 | .1 | | | | | | 24 | 24 | | |
| 84/ 83 | | | | | | .1 | .1 | .1 | .2 | .2 | .3 | .1 | .1 | | | | | 33 | 33 | | |
| 82/ 81 | | | | | .3 | .2 | .3 | .2 | .5 | .1 | .3 | .1 | | | | | | 53 | 53 | | |
| 80/ 79 | | | .0 | .0 | .4 | .8 | .6 | .6 | .4 | .2 | .4 | .0 | | | | | | 95 | 95 | | |
| 78/ 77 | | | .2 | .2 | 2.4 | 1.8 | 1.3 | .3 | .3 | .3 | .4 | .1 | | | | | | 202 | 202 | | |
| 76/ 75 | | | .3 | 1.8 | 2.6 | 2.0 | 1.1 | .5 | .2 | .2 | .5 | .0 | | | | | | 238 | 238 | 3 | |
| 74/ 73 | .1 | .2 | 1.0 | 2.5 | 2.2 | 1.7 | 1.2 | .7 | .2 | .4 | .2 | | | | | | | 264 | 264 | 26 | 3 |
| 72/ 71 | .3 | .4 | 1.2 | 1.5 | 1.7 | 1.6 | .7 | .7 | .7 | .5 | .1 | | | | | | | 234 | 234 | 70 | 12 |
| 70/ 69 | .2 | .5 | 1.2 | 1.2 | 1.5 | 1.2 | 1.3 | .6 | .9 | .4 | .1 | | | | | | | 237 | 237 | 202 | 42 |
| 68/ 67 | .3 | .9 | 1.1 | 1.2 | 1.3 | 1.3 | 1.1 | 1.2 | .5 | .5 | .0 | | | | | | | 242 | 242 | 293 | 127 |
| 66/ 65 | .3 | .9 | .8 | 1.0 | 1.4 | 1.0 | 1.2 | .8 | 1.2 | .2 | .0 | | | | | | | 226 | 226 | 291 | 222 |
| 64/ 63 | .2 | .5 | .7 | 1.5 | 1.4 | 1.1 | .9 | 1.0 | .7 | .1 | | | | | | | | 207 | 207 | 229 | 191 |
| 62/ 61 | .3 | .3 | .4 | .7 | .6 | .7 | 1.0 | .8 | .5 | .1 | | | | | | | | 141 | 141 | 206 | 208 |
| 60/ 59 | .2 | .3 | .7 | .8 | .7 | 1.3 | .7 | .7 | .1 | | | | | | | | | 142 | 142 | 202 | 176 |
| 58/ 57 | .2 | .4 | .2 | .5 | .2 | .8 | .6 | .3 | .1 | | | | | | | | | 86 | 86 | 205 | 173 |
| 56/ 55 | .1 | .1 | .2 | .3 | .2 | .4 | .6 | .3 | .1 | | | | | | | | | 63 | 63 | 200 | 175 |
| 54/ 53 | .1 | | .1 | .2 | | .4 | .3 | .1 | | | | | | | | | | 30 | 30 | 151 | 147 |
| 52/ 51 | .3 | .1 | .1 | | .0 | .2 | .0 | .1 | | | | | | | | | | 13 | 13 | 135 | 149 |
| 50/ 49 | .0 | .1 | .3 | | .1 | .2 | .0 | | | | | | | | | | | 19 | 19 | 143 | 118 |
| 48/ 47 | .1 | .0 | .1 | .1 | | | .0 | | | | | | | | | | | 11 | 11 | 96 | 105 |
| 46/ 45 | | .1 | .1 | | | | .1 | | | | | | | | | | | 7 | 7 | 63 | 96 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 39 | 96 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 24 | 108 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 9 | 102 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 56 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 61 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 52 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 52 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 56 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 26 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 23 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 11 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 4 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.3 | 4.7 | 8.7 | 13.7 | 16.9 | 16.5 | 13.3 | 10.0 | 6.9 | 3.6 | 2.7 | .8 | .1 | | .1 | | | | | 2591 | | 2591 |
| | | | | | | | | | | | | | | | | | | | 2591 | | 2591 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel Hum. | 9799232 | 151798 | 58.6 | 18.702 | 2591 | | | | | | | |
| Dry Bulb | 12511834 | 178948 | 69.1 | 7.680 | 2591 | | | 57.2 | 32.4 | 6.4 | | 90 |
| Wet Bulb | 9414426 | 154928 | 59.8 | 7.624 | 2591 | | | 20.6 | 1.0 | | | 90 |
| Dew Point | 7516052 | 136208 | 52.6 | 11.579 | 2591 | | 6.0 | 6.4 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 92/ 91 | | | | | | | | | | .0 | | .1 | .0 | | | | | 4 | 4 | | |
| 90/ 89 | | | | | | | | .0 | .0 | .0 | .0 | .1 | .1 | | .0 | | | 10 | 10 | | |
| 88/ 87 | | | | | | | | .0 | .0 | .0 | .0 | | .0 | | .1 | | | 7 | 7 | | |
| 86/ 85 | | | | | | | | .2 | .2 | .1 | .2 | .1 | | | | | | 19 | 19 | | |
| 84/ 83 | | | | | | .0 | .0 | .2 | .1 | .2 | .1 | .0 | | | | | | 17 | 17 | | |
| 82/ 81 | | | | .0 | .1 | .0 | .3 | | .2 | .3 | .1 | .2 | .0 | | | | | 32 | 32 | | |
| 80/ 79 | | | .0 | .2 | .2 | .2 | .3 | .2 | .3 | .1 | .2 | .2 | .1 | | | | | 49 | 49 | | |
| 78/ 77 | | | | .2 | 1 . | .3 | .2 | .4 | .3 | .0 | .3 | .1 | .0 | | | | | 92 | 92 | | |
| 76/ 75 | | .0 | .2 | 1.0 | 1.0 | 1.5 | .0 | .6 | .2 | .1 | .4 | | | | | | | 186 | 186 | 4 | |
| 74/ 73 | | .3 | 1.0 | 3.2 | 2.3 | 1.1 | .7 | .5 | .3 | .3 | .2 | | | | | | | 268 | 268 | 16 | 4 |
| 72/ 71 | | .5 | 2.2 | 2.3 | 2.0 | 1.7 | .9 | .2 | .5 | .3 | .1 | | | | | | | 284 | 284 | 44 | 12 |
| 70/ 69 | .1 | .7 | 2.5 | 2.2 | 2.3 | 1.1 | .9 | .7 | .8 | .5 | .1 | | | | | | | 304 | 304 | 178 | 37 |
| 68/ 67 | .2 | 1.1 | 1.7 | 1.7 | 1.2 | 1.0 | 1.0 | .7 | .3 | .4 | .2 | | | | | | | 262 | 262 | 267 | 118 |
| 66/ 65 | .6 | 1.1 | .7 | 1.0 | 1.4 | 1.4 | .9 | 1.1 | .8 | .3 | .1 | | | | | | | 240 | 240 | 315 | 229 |
| 64/ 63 | .2 | .6 | 1.2 | 2.0 | 1.5 | 1.0 | 1.0 | .8 | .5 | .2 | | | | | | | | 231 | 231 | 252 | 219 |
| 62/ 61 | .3 | .9 | 1.1 | 1.4 | 1.1 | 1.1 | .5 | .4 | .3 | .0 | | | | | | | | 185 | 185 | 218 | 229 |
| 60/ 59 | .3 | .5 | .6 | .9 | 1.0 | 1.2 | .4 | .3 | .1 | | | | | | | | | 138 | 138 | 223 | 168 |
| 58/ 57 | .4 | .7 | .8 | .7 | .4 | .7 | .3 | .3 | .2 | | | | | | | | | 114 | 115 | 211 | 207 |
| 56/ 55 | .1 | .4 | .2 | .4 | .3 | .5 | .3 | .2 | .1 | | | | | | | | | 64 | 64 | 237 | 177 |
| 54/ 53 | | .0 | .0 | .2 | .3 | .3 | .5 | | | | | | | | | | | 35 | 35 | 150 | 150 |
| 52/ 51 | | .0 | .2 | .0 | .1 | .0 | .1 | | | | | | | | | | | 11 | 11 | 160 | 144 |
| 50/ 49 | | .4 | .1 | .3 | .1 | | | | | | | | | | | | | 22 | 22 | 108 | 133 |
| 48/ 47 | .1 | | .0 | .0 | | | .1 | .0 | | | | | | | | | | 8 | 8 | 97 | 115 |
| 46/ 45 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 37 | 85 |
| 44/ 43 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 44 | 95 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 20 | 32 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 4 | 98 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 60 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 57 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 39 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 31 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 26 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 18 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 18 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | APR MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 12 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | 15 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | 5 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 9 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.1 | 7.5 | 12.7 | 18.5 | 17.8 | 14.4 | 9.0 | 6.7 | 5.2 | 2.9 | 2.0 | .7 | .3 | | .1 | | | | | 2589 | | 2586 |
| | | | | | | | | | | | | | | | | | | | 2588 | | 2586 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11118380 | 162280 | 62.7 | 19.089 | 2588 | | | | | | | |
| Dry Bulb | 12064703 | 175755 | 67.9 | 7.183 | 2589 | | | 53.3 | 23.8 | 3.7 | | 90 |
| Wet Bulb | 9366497 | 154575 | 59.7 | 7.200 | 2588 | | | 17.7 | .7 | | | 90 |
| Dew Point | 7689958 | 138128 | 53.4 | 11.082 | 2588 | | 4.5 | 5.9 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) APR (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | | | | | .0 | .0 | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | | | | | | .3 | | .0 | | | | | | 2 | 2 | | |
| 84/ 83 | | | | | | | .0 | | .0 | .1 | .0 | .0 | | .0 | | | | 7 | 7 | | |
| 82/ 81 | | | | | | .0 | | .1 | | | .1 | | | | | | | 6 | 6 | | |
| 80/ 79 | | | | .1 | .0 | | .1 | .0 | .1 | | .0 | | .0 | | | | | 10 | 10 | | |
| 78/ 77 | | | | .1 | .0 | .0 | .2 | .1 | .1 | .0 | | .1 | | | | | | 15 | 15 | | |
| 76/ 75 | | .0 | .2 | .2 | .2 | .1 | .1 | .2 | .0 | .0 | | | | | | | | 27 | 27 | | |
| 74/ 73 | | .2 | .5 | .7 | .7 | .2 | .1 | .1 | .2 | | .2 | | | | | | | 70 | 70 | 5 | |
| 72/ 71 | .0 | .8 | 1.9 | 1.5 | .9 | .1 | .3 | .0 | .3 | .1 | | | | | | | | 148 | 148 | 17 | 9 |
| 70/ 69 | .3 | 2.4 | 3.8 | 2.0 | 1.1 | .6 | .3 | .3 | .1 | .1 | | | | | | | | 285 | 285 | 64 | 30 |
| 68/ 67 | .1 | 3.1 | 4.1 | 2.1 | 1.1 | .5 | .3 | .2 | .2 | .0 | .0 | | | | | | | 307 | 307 | 180 | 97 |
| 66/ 65 | .1 | 4.1 | 3.5 | 1.9 | 1.2 | .7 | .4 | .2 | .3 | .0 | | | | | | | | 322 | 322 | 275 | 160 |
| 64/ 63 | .7 | 3.2 | 2.7 | 1.6 | 1.0 | .8 | .5 | .4 | .2 | .0 | | | | | | | | 289 | 289 | 296 | 271 |
| 62/ 61 | .7 | 1.9 | 1.5 | 1.5 | 1.4 | .8 | .3 | .3 | .2 | .0 | | | | | | | | 224 | 224 | 291 | 234 |
| 60/ 59 | .7 | 1.9 | 3.2 | 1.9 | 1.0 | .7 | .3 | .3 | .1 | | | | | | | | | 258 | 258 | 230 | 244 |
| 58/ 57 | .0 | 1.7 | 1.6 | 1.3 | 1.1 | .6 | .3 | .2 | .0 | | | | | | | | | 193 | 193 | 197 | 240 |
| 56/ 55 | .3 | 1.0 | 1.2 | 1.0 | .7 | .4 | .3 | | | | | | | | | | | 129 | 129 | 247 | 167 |
| 54/ 53 | .1 | .8 | .7 | 1.3 | .9 | .1 | .2 | .0 | | | | | | | | | | 108 | 108 | 193 | 177 |
| 52/ 51 | .0 | .4 | .5 | .5 | .6 | .4 | .2 | | | | | | | | | | | 67 | 67 | 159 | 156 |
| 50/ 49 | .1 | .4 | .4 | .4 | .3 | .1 | .0 | | | | | | | | | | | 48 | 48 | 118 | 146 |
| 48/ 47 | .0 | .1 | .5 | .2 | .2 | .1 | | | | | | | | | | | | 31 | 31 | 120 | 113 |
| 46/ 45 | .0 | .2 | .3 | .2 | .1 | | .0 | | | | | | | | | | | 23 | 23 | 50 | 103 |
| 44/ 43 | .0 | .1 | | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 31 | 75 |
| 42/ 41 | | | .0 | | | .0 | | | | | | | | | | | | 2 | 2 | 30 | 98 |
| 40/ 39 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 19 | 74 |
| 38/ 37 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 9 | 43 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 2 | 51 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 29 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 2 | 37 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 16 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 17 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 10 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 6 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 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 | | | | | | | | | | | | |

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

USAFETAC

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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 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. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 207 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 187 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 167 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 4. | 122. | 226. | 818. | 612.7 | 6.2 | 3.8 | 2.5 | 1.9 | .6 | .4 | .2 | .0 | .0 | | | | | 2586 | | 2586 |
| | | | | | | | | | | | | | | | | | | 2586 | | 2586 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 14927797 | 191303 | 74.0 | 17.325 | 2586 | | | | | | | |
| Dry Bulb | 10428074 | 163260 | 63.1 | 6.845 | 2586 | | | 30.6 | 4.8 | .7 | | 90 |
| Wet Bulb | 8842385 | 150053 | 58.0 | 7.241 | 2586 | | .1 | 9.3 | .2 | | | 90 |
| Dew Point | 7776151 | 139395 | 53.9 | 10.072 | 2586 | | 3.4 | 4.7 | | | | 90 |

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

USAFETAC

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-74 YEARS — APR MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 78/ 77 | | | | .0 | | .1 | | | | | | .0 | | | | | | 4 | 4 | | |
| 76/ 75 | | | .1 | .2 | .0 | .0 | .0 | | | | | .0 | | | | | | 11 | 11 | | |
| 74/ 73 | | .1 | .3 | .3 | .2 | .0 | .1 | | | | | | | | | | | 28 | 28 | | |
| 72/ 71 | | .4 | .8 | .3 | .0 | | | | .0 | .0 | .0 | | | | | | | 45 | 45 | 8 | 1 |
| 70/ 69 | .2 | 1.7 | 2.7 | .9 | .6 | .2 | | | .1 | | | | | | | | | 167 | 167 | 37 | 17 |
| 68/ 67 | .4 | 4.0 | 3.9 | 1.2 | .5 | .2 | .1 | .0 | .1 | .0 | | | | | | | | 260 | 260 | 129 | 83 |
| 66/ 65 | .9 | 4.8 | 3.7 | 1.4 | .5 | .3 | .2 | .1 | .1 | .0 | | | | | | | | 309 | 311 | 229 | 149 |
| 64/ 63 | 1.2 | 5.7 | 2.8 | 1.6 | .7 | .2 | .0 | .0 | .0 | .0 | | | | | | | | 315 | 315 | 285 | 258 |
| 62/ 61 | 1.4 | 3.2 | 2.2 | 1.0 | .6 | .5 | .1 | .1 | .0 | | | | | | | | | 225 | 226 | 301 | 251 |
| 60/ 59 | 1.2 | 3.2 | 2.5 | 1.0 | .9 | .3 | .2 | .1 | .0 | | | | | | | | | 244 | 245 | 227 | 249 |
| 58/ 57 | .8 | 2.0 | 1.5 | 1.6 | .9 | .5 | .2 | .0 | .0 | | | | | | | | | 192 | 192 | 210 | 206 |
| 56/ 55 | .7 | 1.8 | 1.5 | 1.2 | .7 | .3 | .1 | .1 | | | | | | | | | | 164 | 164 | 183 | 191 |
| 54/ 53 | .6 | 1.8 | .7 | .9 | .3 | .2 | .2 | .0 | | | | | | | | | | 123 | 123 | 167 | 153 |
| 52/ 51 | .3 | 1.7 | 1.1 | .4 | .4 | .2 | .2 | | | | | | | | | | | 114 | 114 | 165 | 111 |
| 50/ 49 | .4 | 1.4 | 1.4 | .7 | .3 | .2 | | | | | | | | | | | | 113 | 113 | 145 | 154 |
| 48/ 47 | .3 | 1.7 | 1.1 | .6 | .1 | .0 | | | | | | | | | | | | 99 | 99 | 132 | 128 |
| 46/ 45 | .1 | 1.3 | .7 | .1 | .1 | .1 | | | | | | | | | | | | 61 | 61 | 119 | 118 |
| 44/ 43 | .0 | .9 | .3 | .1 | .1 | | | | | | | | | | | | | 37 | 37 | 83 | 114 |
| 42/ 41 | | .6 | .3 | .0 | .0 | | | | | | | | | | | | | 25 | 25 | 73 | 95 |
| 40/ 39 | .1 | .5 | .2 | .1 | | | | | | | | | | | | | | 23 | 23 | 37 | 77 |
| 38/ 37 | | .2 | .1 | .1 | .1 | | | | | | | | | | | | | 11 | 11 | 19 | 72 |
| 36/ 35 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 13 | 35 |
| 34/ 33 | | .2 | .0 | | | | | | | | | | | | | | | 5 | 5 | 9 | 29 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 7 | 24 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 3 | 19 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 18 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 13 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 8 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 8.3 | 37.1 | 27.8 | 13.8 | 7.0 | 3.3 | 1.4 | .5 | .4 | .2 | .0 | .1 | | | | | | 2581 | 2585 | 2581 | 2581 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17568130 | 209472 | 81.2 | 14.832 | 2581 | | | | | | | |
| Dry Bulb | 9389035 | 154485 | 59.8 | 7.787 | 2585 | | | 18.0 | 1.5 | .0 | | 90 |
| Wet Bulb | 8357522 | 145382 | 56.3 | 8.081 | 2581 | | .3 | 6.1 | | | | 90 |
| Dew Point | 7639590 | 138050 | 53.5 | 9.955 | 2581 | | 3.1 | 3.5 | | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAY MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | .1 | .1 | .1 | | | | | | | | | | | | | 7 | 7 | | |
| 78/ 77 | | .0 | .3 | .2 | .2 | .0 | | | | | | | | | | | | 20 | 20 | | |
| 76/ 75 | .1 | .9 | .9 | .6 | .2 | .0 | .0 | | | | | | | | | | | 73 | 73 | 7 | 4 |
| 74/ 73 | .3 | 2.6 | 1.6 | 1.2 | .5 | .0 | | | | | | | | | | | | 169 | 169 | 61 | 29 |
| 72/ 71 | .8 | 5.7 | 2.9 | 1.9 | .5 | .1 | .1 | | | | | | | | | | | 315 | 315 | 153 | 112 |
| 70/ 69 | 1.9 | 6.0 | 4.4 | 1.1 | .6 | .1 | .0 | | | | | | | | | | | 372 | 372 | 286 | 223 |
| 68/ 67 | 1.5 | 7.3 | 3.7 | 1.1 | .2 | .2 | | | | | | | | | | | | 375 | 375 | 379 | 311 |
| 66/ 65 | 2.2 | 4.9 | 2.7 | .7 | .4 | .0 | | | | | | | | | | | | 294 | 294 | 419 | 357 |
| 64/ 63 | 1.4 | 3.8 | 2.0 | 1.1 | .4 | .2 | | | | | | | | | | | | 233 | 233 | 230 | 335 |
| 62/ 61 | 2.0 | 2.7 | 1.2 | .6 | .3 | | | | | | | | | | | | | 181 | 181 | 274 | 253 |
| 60/ 59 | 1.0 | 2.2 | .9 | .6 | .2 | .0 | .0 | | | | | | | | | | | 133 | 134 | 164 | 201 |
| 58/ 57 | 1.1 | 2.1 | 1.2 | .3 | .1 | .1 | | | | | | | | | | | | 129 | 130 | 165 | 161 |
| 56/ 55 | .9 | 2.1 | 1.1 | .3 | .1 | | | | | | | | | | | | | 118 | 118 | 129 | 137 |
| 54/ 53 | 1.0 | 1.9 | .3 | .1 | .0 | | | | | | | | | | | | | 89 | 89 | 151 | 137 |
| 52/ 51 | .7 | 1.1 | .2 | | | | | | | | | | | | | | | 49 | 48 | 85 | 124 |
| 50/ 49 | .4 | .8 | .2 | .0 | .0 | | | | | | | | | | | | | 38 | 38 | 54 | 92 |
| 48/ 47 | .3 | .8 | .3 | .1 | | | | | | | | | | | | | | 39 | 39 | 40 | 60 |
| 46/ 45 | .4 | .3 | .2 | | | | | | | | | | | | | | | 22 | 22 | 36 | 52 |
| 44/ 43 | .2 | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 16 | 28 |
| 42/ 41 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 15 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 5 |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 15.8 | 45.4 | 24.1 | 10.0 | 4.0 | .8 | .2 | | | | | | | | | | | 2666 | 2659 | 2666 | 2666 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 20844695 | 234233 | 87.9 | 9.908 | 2666 | | | | | | | |
| Dry Bulb | 11395301 | 173415 | 65.0 | 6.923 | 2669 | | | 46.4 | 9.4 | .0 | | 93 |
| Wet Bulb | 10569443 | 166894 | 62.6 | 6.759 | 2666 | | | 30.9 | 2.4 | | | 93 |
| Dew Point | 10105783 | 162995 | 61.1 | 7.262 | 2666 | | | 23.7 | 1.2 | | | 93 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAY MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | .1 | | | | | | | | | | | | | | 3 | 3 | | |
| 78/ 77 | | | .1 | .1 | | | | | | | | | | | | | | 4 | 4 | | |
| 76/ 75 | | .4 | .3 | .3 | .1 | .1 | | | | | | | | | | | | 33 | 33 | | |
| 74/ 73 | .1 | 2.0 | .9 | .5 | .1 | | | | | | | | | | | | | 94 | 94 | 30 | 8 |
| 72/ 71 | .9 | 4.8 | 1.9 | 1.3 | .3 | | | | | | | | | | | | | 242 | 242 | 111 | 81 |
| 70/ 69 | 2.6 | 5.9 | 2.4 | 1.0 | .2 | .1 | | | | | | | | | | | | 323 | 323 | 256 | 218 |
| 68/ 67 | 2.1 | 6.6 | 2.2 | .7 | .2 | | | | | | | | | | | | | 313 | 315 | 299 | 264 |
| 66/ 65 | 2.7 | 6.0 | 1.7 | .6 | .1 | .0 | | | | | | | | | | | | 293 | 293 | 355 | 299 |
| 64/ 63 | 2.7 | 5.1 | 1.4 | .5 | .0 | .0 | | | | | | | | | | | | 258 | 258 | 299 | 332 |
| 62/ 61 | 2.7 | 4.1 | .9 | .5 | .3 | .2 | .0 | | | | | | | | | | | 228 | 228 | 260 | 270 |
| 60/ 59 | 1.8 | 3.3 | 1.3 | .5 | .2 | | | | | | | | | | | | | 188 | 189 | 214 | 215 |
| 58/ 57 | 1.5 | 2.7 | 1.1 | .4 | .2 | | | | | | | | | | | | | 157 | 159 | 143 | 178 |
| 56/ 55 | 1.3 | 2.4 | .6 | .6 | .2 | | | | | | | | | | | | | 139 | 141 | 167 | 154 |
| 54/ 53 | 1.1 | 2.4 | .6 | .1 | .1 | | | | | | | | | | | | | 112 | 112 | 135 | 149 |
| 52/ 51 | 1.2 | 2.2 | .5 | .1 | .0 | .0 | | | | | | | | | | | | 106 | 106 | 127 | 127 |
| 50/ 49 | .6 | 1.2 | .4 | .1 | | | | | | | | | | | | | | 62 | 62 | 104 | 109 |
| 48/ 47 | .2 | 1.1 | .6 | .0 | | | | | | | | | | | | | | 38 | 38 | 59 | 78 |
| 46/ 45 | .7 | .9 | | | | | | | | | | | | | | | | 42 | 42 | 58 | 77 |
| 44/ 43 | .1 | .4 | .1 | | | | | | | | | | | | | | | 15 | 15 | 23 | 52 |
| 42/ 41 | .2 | .1 | | | | | | | | | | | | | | | | 8 | 8 | 14 | 27 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 10 |
| 38/ 37 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 9 |
| 36/ 35 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 1 | 3 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 22.8 | 51.0 | 16.4 | 7.2 | 1.9 | .4 | .0 | | | | | | | | | | | | 2671 | | 2664 |
| | | | | | | | | | | | | | | | | | | 2664 | | 2664 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 21878208 | 240216 | 90.2 | 9.042 | 2664 | | | | | | | |
| Dry Bulb | 10740944 | 168252 | 63.0 | 7.303 | 2671 | | | 35.3 | 4.7 | | | 93 |
| Wet Bulb | 10102181 | 162917 | 61.2 | 7.224 | 2664 | | | 24.3 | 1.0 | | | 93 |
| Dew Point | 9732516 | 159716 | 60.0 | 7.678 | 2664 | | .1 | 19.9 | .3 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — MAY MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | .1 | .1 | .1 | | | .0 | | | | | | | | | 7 | 7 | | |
| 82/ 81 | | | | .1 | .3 | | .0 | | | | | | | | | | | 11 | 11 | | |
| 80/ 79 | | | .2 | .6 | .4 | .2 | .1 | .0 | .0 | | | | | | | | | 47 | 42 | | |
| 78/ 77 | | .2 | .9 | .8 | .8 | .5 | .2 | | | | | | | | | | | 90 | 90 | 2 | |
| 76/ 75 | | .6 | 2.4 | 1.6 | 1.3 | .5 | .3 | | | | | | | | | | | 181 | 181 | 21 | 4 |
| 74/ 73 | .2 | 2.3 | 2.4 | 2.6 | 1.2 | .3 | .2 | | .0 | | | | | | | | | 243 | 243 | 103 | 36 |
| 72/ 71 | .3 | 4.5 | 3.8 | 1.8 | .9 | .4 | .1 | .1 | | | | | | | | | | 314 | 314 | 197 | 144 |
| 70/ 69 | 1.4 | 5.9 | 3.4 | 1.9 | .9 | .4 | .2 | .0 | | | | | | | | | | 373 | 374 | 339 | 242 |
| 68/ 67 | 1.2 | 4.2 | 2.8 | .9 | .8 | .4 | .1 | .0 | .0 | | | | | | | | | 275 | 276 | 392 | 321 |
| 66/ 65 | 1.1 | 3.6 | 2.1 | 1.2 | .7 | .2 | .2 | | | | | | | | | | | 239 | 239 | 313 | 347 |
| 64/ 63 | .3 | 3.9 | 1.5 | .3 | .3 | .4 | .1 | | | | | | | | | | | 213 | 211 | 266 | 280 |
| 62/ 61 | .7 | 2.7 | 1.2 | .6 | .4 | .2 | | | | | | | | | | | | 153 | 153 | 206 | 256 |
| 60/ 59 | .5 | 2.3 | 1.1 | 1.0 | .4 | .1 | .1 | | | | | | | | | | | 145 | 146 | 163 | 200 |
| 58/ 57 | .3 | 1.7 | .9 | 1.0 | .3 | .1 | | | | | | | | | | | | 115 | 116 | 150 | 153 |
| 56/ 55 | .2 | 1.4 | 1.0 | .6 | .3 | .3 | | | | | | | | | | | | 93 | 94 | 114 | 151 |
| 54/ 53 | .2 | .9 | .5 | .5 | .2 | .0 | | | | | | | | | | | | 60 | 60 | 113 | 109 |
| 52/ 51 | .2 | 1.0 | .5 | .1 | | .0 | | | | | | | | | | | | 49 | 49 | 90 | 89 |
| 50/ 49 | .2 | .9 | .2 | .1 | | .0 | | | | | | | | | | | | 37 | 37 | 77 | 84 |
| 48/ 47 | .1 | .9 | .1 | | | | | | | | | | | | | | | 13 | 13 | 50 | 92 |
| 46/ 45 | | .0 | | .0 | | | | | | | | | | | | | | 2 | 2 | 18 | 65 |
| 44/ 43 | .1 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 8 | 38 |
| 42/ 41 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 4 | 25 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 13 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 1 | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.4 | 36.6 | 25.0 | 16.2 | 9.0 | 3.9 | 1.5 | .2 | .2 | | | | | | | | | 2665 | | | 2660 |
| | | | | | | | | | | | | | | | | | | 2659[a] | | 2659 | |

[a] 2659

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum | 18616553 | 220143 | 82.8 | 12.225 | 2660 | | | | | | | |
| Dry Bulb | 12027800 | 178024 | 66.8 | 7.138 | 2665 | | | 53.7 | 20.0 | 1.2 | | 93 |
| Wet Bulb | 10779325 | 168303 | 63.3 | 6.898 | 2659 | | | 36.9 | 4.4 | | | 93 |
| Dew Point | 10095293 | 162545 | 61.1 | 7.821 | 2660 | | .1 | 26.1 | 1.4 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — MAY MONTH

PAGE 1 — 0900-1100 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | | | .0 | | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | | .1 | .0 | | | | | | | | 3 | 3 | | |
| 90/ 89 | | | | | | | .2 | .3 | .2 | .2 | .0 | .1 | | | | | | 18 | 18 | | |
| 88/ 87 | | | | | | .2 | .2 | .3 | .2 | .2 | .1 | .1 | | | | | | 34 | 34 | | |
| 86/ 85 | | | | | .0 | .5 | .5 | .6 | .6 | .3 | .1 | .0 | | | | | | 74 | 74 | | |
| 84/ 83 | | | | .1 | .6 | .8 | 1.0 | .7 | .5 | .2 | .1 | | | | | | | 106 | 106 | | |
| 82/ 81 | | | .2 | 1.0 | 1.7 | 1.5 | 1.4 | 1.0 | .4 | .3 | .0 | .0 | | | | | | 196 | 196 | | |
| 80/ 79 | | | .5 | 2.5 | 2.6 | 2.6 | 1.8 | 1.0 | .6 | .3 | .2 | | | | | | | 318 | 318 | | |
| 78/ 77 | | .0 | 1.1 | 2.7 | 4.2 | 2.4 | 1.4 | 1.1 | .4 | .2 | .0 | | .0 | | | | | 359 | 359 | 24 | 2 |
| 76/ 75 | .0 | .3 | 2.1 | 3.0 | 2.8 | 2.2 | 1.6 | 1.0 | .5 | .2 | | .0 | | | | | | 370 | 370 | 109 | 10 |
| 74/ 73 | | .5 | 2.5 | 2.9 | 1.4 | 1.9 | 1.1 | .7 | .6 | .2 | .0 | | | | | | | 313 | 313 | 238 | 84 |
| 72/ 71 | .0 | 1.4 | 1.4 | 2.1 | 1.1 | 1.0 | 1.1 | .4 | .4 | .0 | | | | | | | | 241 | 241 | 316 | 152 |
| 70/ 69 | .3 | 1.2 | 1.3 | 1.1 | .9 | 1.0 | .9 | .3 | .2 | .1 | | | | | | | | 203 | 203 | 466 | 275 |
| 68/ 67 | | .4 | 1.1 | .4 | .8 | .4 | .9 | .5 | | | | | | | | | | 119 | 122 | 353 | 319 |
| 66/ 65 | .2 | .7 | .6 | .5 | .5 | .5 | .4 | .2 | .1 | | | | | | | | | 96 | 96 | 297 | 326 |
| 64/ 63 | .0 | .4 | .2 | .5 | .5 | .3 | .4 | .2 | | | | | | | | | | 68 | 68 | 207 | 278 |
| 62/ 61 | .0 | .1 | .4 | .5 | .2 | .3 | .4 | .1 | .0 | | | | | | | | | 55 | 55 | 178 | 221 |
| 60/ 59 | | .5 | .1 | .5 | .2 | .3 | .1 | | .0 | | | | | | | | | 42 | 42 | 118 | 174 |
| 58/ 57 | .0 | .3 | .1 | .2 | .1 | .2 | | | | | | | | | | | | 24 | 24 | 117 | 158 |
| 56/ 55 | .0 | .1 | .0 | .0 | .1 | .0 | | .0 | | | | | | | | | | 11 | 11 | 106 | 131 |
| 54/ 53 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 50 | 126 |
| 52/ 51 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 43 | 76 |
| 50/ 49 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | 21 | 77 |
| 48/ 47 | | .1 | | | .1 | | | | | | | | | | | | | 5 | 5 | 10 | 66 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 4 | 57 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 2 | 40 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 2 | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 15 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 11 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 4 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

12717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAY MONTH

PAGE 2 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL D.B.-W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | | | |
| 247 23 | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .5 | 6.3 | 11.5 | 18.1 | 17.7 | 16.0 | 13.4 | 8.3 | 4.7 | 2.3 | .6 | .3 | .0 | | | | | | | | 2662 | 2665 | 2662 | 2661 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11934440 | 173482 | 65.2 | 15.321 | 2661 | | | | | | | |
| Dry Bulb | 14936995 | 196743 | 74.6 | 6.590 | 2665 | | | 82.3 | 52.5 | 20.6 | .1 | 93 |
| Wet Bulb | 11794473 | 176419 | 66.3 | 6.211 | 2662 | | | 52.6 | 13.0 | | | 93 |
| Dew Point | 10269263 | 163297 | 61.4 | 8.413 | 2661 | | .2 | 29.4 | 3.4 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) MAY (MONTH)

PAGE 1 1200-1400 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 96/ 95 | | | | | | | | | | | .0 | .1 | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | | .0 | .2 | .1 | .0 | | | | | 9 | 8 | | |
| 92/ 91 | | | | | | | | .1 | .0 | .1 | .2 | .2 | .2 | | | | | 21 | 21 | | |
| 90/ 89 | | | | | | .0 | .2 | .3 | .2 | .2 | .3 | .3 | .2 | | | | | 44 | 44 | | |
| 88/ 87 | | | | | | .1 | .3 | .5 | .5 | .5 | .2 | .1 | | | | | | 57 | 57 | | |
| 86/ 85 | | | | | .2 | .7 | .8 | .8 | .5 | .2 | .3 | .0 | .0 | | | | | 92 | 92 | | |
| 84/ 83 | | | | .3 | 1.1 | 1.3 | 1.4 | 1.0 | .6 | .4 | .1 | .1 | .1 | | | | | 165 | 165 | | |
| 82/ 81 | | | .2 | 1.2 | 2.2 | 2.2 | 1.2 | .9 | .6 | .2 | .2 | .0 | | | | | | 231 | 231 | | |
| 80/ 79 | | .0 | .2 | 2.6 | 4.1 | 3.7 | 1.8 | 1.0 | .8 | .1 | .2 | .0 | | | | | | 388 | 388 | 3 | |
| 78/ 77 | | .2 | 1.1 | 2.6 | 4.4 | 2.2 | 1.9 | 1.4 | .7 | .5 | .3 | | | | | | | 405 | 405 | 36 | 3 |
| 76/ 75 | | .2 | 1.5 | 2.9 | 3.0 | 2.2 | 1.7 | .9 | .7 | .5 | .1 | | | | | | | 361 | 361 | 152 | 22 |
| 74/ 73 | .0 | 1.0 | 2.2 | 2.6 | 1.3 | 1.7 | 1.2 | .8 | .6 | .3 | .0 | | | | | | | 297 | 297 | 280 | 89 |
| 72/ 71 | .1 | 1.2 | 1.1 | 1.4 | .8 | 1.4 | .8 | .6 | .4 | .1 | .0 | | | | | | | 210 | 210 | 433 | 200 |
| 70/ 69 | .1 | .5 | .7 | .6 | .8 | .6 | .8 | .4 | .4 | .1 | .0 | | | | | | | 133 | 133 | 428 | 312 |
| 68/ 67 | .2 | .1 | .5 | .2 | .3 | .3 | .6 | .4 | .3 | .1 | | | | | | | | 78 | 78 | 327 | 340 |
| 66/ 65 | .3 | .2 | .4 | .5 | .4 | .2 | .4 | .2 | .0 | .0 | | | | | | | | 74 | 74 | 288 | 314 |
| 64/ 63 | .1 | .2 | .3 | .3 | .2 | .3 | .2 | .1 | | | | | | | | | | 42 | 42 | 191 | 7 |
| 62/ 61 | | .3 | .1 | | | .0 | .1 | .1 | | | | | | | | | | 15 | 15 | 145 | .0 |
| 60/ 59 | | .3 | .1 | .0 | | .0 | .0 | .0 | | | | | | | | | | 15 | 15 | 133 | 175 |
| 58/ 57 | | .1 | .1 | | .0 | .0 | .0 | | | | | | | | | | | 9 | 9 | 101 | 145 |
| 56/ 55 | | .2 | .0 | | .0 | | | | | | | | | | | | | 8 | 8 | 62 | 142 |
| 54/ 53 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 47 | 113 |
| 52/ 51 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | 18 | 75 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 7 | 57 |
| 48/ 47 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 50 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 4 | 53 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 37 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 33 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 25 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 6 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 4 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-7o-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-47,49-72 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .5 | 4.6 | 8.3 | 14.7 | 19.0 | 17.6 | 13.3 | 9.2 | 6.2 | 3.3 | 2.1 | .9 | .5 | | | | | | 2662 | | 2662 |
| | | | | | | | | | | | | | | | | | | 2662 | | 2662 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11152022 | 167090 | 62.8 | 15.797 | 2662 | | | | | | | |
| Dry Bulb | 15711271 | 203637 | 75.6 | 6.218 | 2662 | | | 87.1 | 72.4 | 28.1 | .4 | 93 |
| Wet Bulb | 12160331 | 179251 | 67.3 | 5.819 | 2662 | | | 58.0 | 16.5 | | | 93 |
| De. Point | 10430329 | 165133 | 62.0 | 8.373 | 2662 | | .2 | 33.7 | 4.0 | | | 93 |

USAFETAC FORM 0-76-5 (OL-A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — MAY MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 967 95 | | | | | | | | | | | .1 | .0 | | | | | | 2 | 3 | | |
| 94/ 93 | | | | | | | | | .0 | .1 | .0 | | | | | | | 4 | 4 | | |
| 927 91 | | | | | | | .0 | | .0 | | .0 | .1 | .0 | | | | | 7 | 7 | | |
| 90/ 89 | | | | | | | .0 | .1 | .1 | | .1 | | | | | | | 11 | 11 | | |
| 887 87 | | | | | .0 | .1 | .1 | .4 | .3 | .2 | .0 | | | | | | | 31 | 31 | | |
| 86/ 85 | | | | | .1 | .3 | .6 | .4 | .3 | .2 | | | .0 | | | | | 50 | 50 | | |
| 847 83 | | | | .1 | .0 | .0 | .9 | .7 | .3 | .1 | .2 | .1 | .1 | | | | | 100 | 100 | | |
| 82/ 81 | | | .1 | 1.0 | 1.6 | 1.3 | 1.0 | .5 | .3 | .1 | .2 | .0 | .0 | | | | | 175 | 175 | | |
| 807 79 | | .1 | .6 | 2.6 | 3.1 | 2.5 | 1.0 | .6 | .4 | .3 | .1 | | | | | | | 304 | 304 | 5 | |
| 78/ 77 | | .2 | 1.7 | 3.9 | 3.9 | 2.8 | 1.2 | .7 | .4 | .3 | .1 | .0 | | | | | | 408 | 408 | 16 | 3 |
| 767 75 | | .3 | 2.7 | 4.8 | 4.0 | 1.9 | 1.1 | .7 | .3 | .3 | | .1 | | | | | | 435 | 435 | 119 | 17 |
| 74/ 73 | .1 | 1.1 | 3.7 | 2.8 | 3.0 | 2.1 | 1.2 | 1.2 | .3 | .3 | .0 | | | | | | | 418 | 419 | 250 | 84 |
| 727 71 | .1 | 1.3 | 1.2 | 1.8 | 1.4 | 1.4 | .8 | .5 | .4 | .1 | | | | | | | | 245 | 245 | 421 | 205 |
| 70/ 69 | .2 | 1.0 | 1.0 | 1.2 | 1.3 | 1.0 | .6 | .4 | .3 | .1 | .1 | | | | | | | 194 | 194 | 500 | 341 |
| 687 67 | .4 | .6 | .8 | .4 | .6 | .7 | .4 | .3 | .0 | .0 | | | | | | | | 116 | 116 | 359 | 356 |
| 66/ 65 | .2 | .4 | .4 | .5 | .6 | .3 | .4 | .1 | | | | | | | | | | 74 | 74 | 271 | 335 |
| 647 63 | .1 | .1 | .1 | .1 | .1 | .3 | .2 | .1 | | | | | | | | | | 30 | 30 | 194 | 262 |
| 62/ 61 | .0 | .5 | .3 | .1 | .1 | .1 | .0 | .1 | .0 | | | | | | | | | 26 | 26 | 187 | 225 |
| 607 59 | .2 | .3 | .1 | .0 | | | .0 | | | | | | | | | | | 13 | 13 | 127 | 167 |
| 58/ 57 | | .3 | .3 | | | | | | | | | | | | | | | 15 | 15 | 88 | 140 |
| 567 55 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 63 | 117 |
| 54/ 53 | | | .0 | .1 | | | | | | | | | | | | | | 3 | 3 | 41 | 90 |
| 527 51 | | | | | | | | | | | | | | | | | | | | 13 | 85 |
| 50/ 49 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 51 |
| 487 47 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 8 | 45 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 42 |
| 447 43 | | | | | | | | | | | | | | | | | | | | | 31 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 24 |
| 407 39 | | | | | | | | | | | | | | | | | | | | | 16 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 5 |
| 367 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | - |
| 307 29 | | | | | | | | | | | | | | | | | | | | | 4 |
| 28/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAY MONTH

PAGE 2 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 1.7 | 6.4 | 13.0 | 19.4 | 20.6 | 15.4 | 9.6 | 7.3 | 3.6 | 2.3 | 1.0 | .4 | .3 | | | | | 2663 | 2669 | 2608 | 2668 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12573726 | 178460 | 66.9 | 15.451 | 2666 | | | 87.2 | 67.8 | 18.1 | .2 | 93 |
| Dry Bulb | 15165437 | 200633 | 75.2 | 5.595 | 2669 | | | 58.2 | 13.6 | | | 93 |
| Wet Bulb | 12136095 | 179346 | 67.2 | 5.486 | 2668 | | | 35.4 | 3.6 | | | 93 |
| Dew Point | 10633825 | 167107 | 62.6 | 7.920 | 2668 | | .2 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | MAY MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | | .1 | | | | .0 | | | | | | | 4 | 4 | | |
| 86/ 85 | | | | | | .0 | .2 | .1 | .0 | .1 | | | | | | | | 10 | 10 | | |
| 84/ 83 | | | | | .1 | .2 | .0 | .1 | .0 | .0 | | | | | | | | 14 | 14 | | |
| 82/ 81 | | | .0 | .3 | .4 | .3 | .2 | .3 | .1 | .1 | | | | | | | | 45 | 45 | | |
| 80/ 79 | | .1 | .3 | 1.1 | .3 | .3 | .2 | .1 | .0 | .0 | .1 | | | | | | | 75 | 79 | | |
| 78/ 77 | | .3 | 1.4 | 2.2 | 1.3 | .5 | .2 | .2 | .1 | .0 | | | | | | | | 165 | 165 | 11 | 5 |
| 76/ 75 | .0 | 1.6 | 4.5 | 3.5 | 1.4 | .8 | .1 | .3 | .2 | .1 | .0 | | | | | | | 334 | 334 | 48 | 15 |
| 74/ 73 | .0 | 2.9 | 5.8 | 4.1 | 2.0 | .7 | .4 | .1 | .2 | | | | | | | | | 434 | 434 | 164 | 50 |
| 72/ 71 | .2 | 5.0 | 5.3 | 4.2 | 1.4 | .7 | .5 | .2 | .2 | | | | | | | | | 465 | 465 | 338 | 191 |
| 70/ 69 | .6 | 3.5 | 3.6 | 2.7 | 1.2 | .9 | .4 | .2 | .1 | .0 | | | | | | | | 351 | 351 | 473 | 395 |
| 68/ 67 | .5 | 2.7 | 3.1 | 2.2 | 1.5 | .5 | .4 | .2 | .1 | | | | | | | | | 294 | 294 | 414 | 385 |
| 66/ 65 | .2 | 1.4 | 1.6 | 1.4 | 1.2 | .5 | .2 | | | .0 | | | | | | | | 169 | 169 | 340 | 321 |
| 64/ 63 | .2 | .9 | 1.0 | .7 | .7 | .4 | .2 | | | | | | | | | | | 106 | 107 | 219 | 288 |
| 62/ 61 | .0 | .7 | .7 | .5 | .3 | .2 | .0 | .1 | | | | | | | | | | 68 | 68 | 207 | 243 |
| 60/ 59 | | .5 | .5 | .5 | .2 | .2 | | .0 | | | | | | | | | | 55 | 56 | 152 | 151 |
| 58/ 57 | .1 | .7 | .3 | .2 | .2 | | .0 | | | | | | | | | | | 40 | 40 | 108 | 153 |
| 56/ 55 | | .2 | .1 | .1 | .0 | | .0 | | | | | | | | | | | 12 | 12 | 93 | 106 |
| 54/ 53 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 6 | 8 | 44 | 111 |
| 52/ 51 | | .1 | .0 | | .0 | .0 | | | | | | | | | | | | 6 | 6 | 27 | 80 |
| 50/ 49 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 14 | 50 |
| 48/ 47 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 41 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 5 | 33 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 18 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 11 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 7 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 2 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 4 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.0 | 20.7 | 28.5 | 23.6 | 12.7 | 6.2 | 3.2 | 1.7 | 1.1 | .3 | .2 | | | | | | | 2666 | | 2666 | 2666 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16407501 | 206091 | 77.3 | 13.364 | 2666 | | | | | | | |
| Dry Bulb | 13502395 | 189247 | 70.9 | 5.432 | 2668 | | | 76.6 | 37.9 | 3.8 | | 93 |
| Wet Bulb | 11689070 | 175906 | 66.0 | 5.566 | 2666 | | | 50.5 | 7.8 | | | 93 |
| Dew Point | 10738502 | 168114 | 63.1 | 7.183 | 2666 | | .1 | 36.3 | 2.4 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS) MAY (MONTH)

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | | | .1 | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 80/ 79 | | .0 | .1 | .2 | .1 | .0 | | | | | | | | | | | | 13 | 13 | | |
| 78/ 77 | | .1 | .6 | .5 | .3 | .2 | .0 | | | | | | | | | | | 47 | 47 | 1 | |
| 76/ 75 | .1 | 1.6 | 2.7 | 1.5 | .6 | .0 | .0 | | | | | | | | | | | 175 | 175 | 15 | 10 |
| 74/ 73 | .3 | 4.1 | 3.7 | 2.4 | .8 | .2 | .1 | .1 | | | | | | | | | | 311 | 311 | 99 | 34 |
| 72/ 71 | .4 | 7.0 | 4.2 | 2.7 | .8 | .2 | .1 | .0 | | | | | | | | | | 413 | 413 | 260 | 174 |
| 70/ 69 | 1.1 | 6.0 | 4.0 | 1.8 | .4 | .4 | .2 | | | | | | | | | | | 371 | 371 | 383 | 319 |
| 68/ 67 | 1.3 | 5.5 | 4.3 | 1.3 | .7 | .4 | .0 | | | | | | | | | | | 363 | 363 | 400 | 350 |
| 66/ 65 | .9 | 3.7 | 2.0 | 1.5 | 1.0 | .1 | .0 | .0 | | | | | | | | | | 268 | 268 | 361 | 356 |
| 64/ 63 | .6 | 3.3 | 1.5 | .9 | .5 | .1 | .1 | .0 | | | | | | | | | | 187 | 187 | 274 | 232 |
| 62/ 61 | .7 | 2.2 | 1.2 | .5 | .4 | | | | | | | | | | | | | 135 | 135 | 212 | 270 |
| 60/ 59 | .4 | 2.0 | 1.3 | .8 | .1 | | .1 | | | | | | | | | | | 126 | 126 | 185 | 184 |
| 58/ 57 | .4 | 1.1 | 1.2 | .2 | .1 | .0 | | | | | | | | | | | | 80 | 80 | 160 | 164 |
| 56/ 55 | .3 | 1.3 | .7 | .2 | | | | | | | | | | | | | | 68 | 68 | 98 | 131 |
| 54/ 53 | .2 | .8 | .2 | .1 | .1 | .0 | | | | | | | | | | | | 38 | 38 | 91 | 105 |
| 52/ 51 | .1 | .7 | .2 | .1 | | | | | | | | | | | | | | 30 | 30 | 53 | 99 |
| 50/ 49 | .1 | .6 | .2 | .1 | .1 | | | | | | | | | | | | | 28 | 28 | 30 | 79 |
| 48/ 47 | | .2 | .1 | | | | | | | | | | | | | | | 7 | 7 | 22 | 36 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 14 | 22 |
| 44/ 43 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 9 | 17 |
| 42/ 41 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 10 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 1 | 5 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 6 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7.0 | 40.4 | 28.7 | 14.8 | 6.3 | 1.8 | .9 | .2 | | | | | | | | | | 2669 | | 2669 | |
| | | | | | | | | | | | | | | | | | | 2669 | | | 2669 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19392919 | 225701 | 84.6 | 10.729 | 2669 | | | | | | | |
| Dry Bulb | 12249420 | 180060 | 67.5 | 6.182 | 2669 | | | 59.2 | 19.2 | .4 | | 93 |
| Wet Bulb | 11145829 | 171687 | 64.3 | 6.178 | 2669 | | | 40.3 | 4.0 | | | 93 |
| Dew Point | 10537679 | 166665 | 62.4 | 6.989 | 2669 | | | 30.9 | 1.5 | | | 93 |

USAFETAC FORM 0-26-5 (OL 4) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — JUN MONTH

PAGE 1 — 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 86/ 85 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | .1 | .2 | .0 | .2 | | | | | | | | | | | | 13 | 13 | | |
| 82/ 81 | | .1 | .7 | .3 | | | | | | | | | | | | | | 27 | 27 | | |
| 80/ 79 | | .7 | 2.3 | 1.6 | .2 | .1 | | | | | | | | | | | | 120 | 120 | 9 | 4 |
| 78/ 77 | .2 | 3.5 | 3.7 | 1.9 | .8 | .1 | | | | | | | | | | | | 243 | 243 | 61 | 30 |
| 76/ 75 | .9 | 7.3 | 6.3 | 1.8 | .3 | .0 | | .0 | | | | | | | | | | 410 | 412 | 209 | 145 |
| 74/ 73 | 2.0 | 8.2 | 5.2 | 1.6 | .3 | .2 | | | | | | | | | | | | 428 | 430 | 416 | 294 |
| 72/ 71 | 1.7 | 7.6 | 2.7 | .9 | .4 | | | | | | | | | | | | | 327 | 329 | 470 | 449 |
| 70/ 69 | 2.3 | 5.5 | 2.2 | .5 | .4 | .0 | | | | | | | | | | | | 274 | 276 | 402 | 453 |
| 68/ 67 | 2.1 | 4.0 | 2.4 | .6 | .1 | .2 | | | | | | | | | | | | 229 | 229 | 273 | 332 |
| 66/ 65 | .9 | 2.3 | 1.3 | .5 | .2 | .0 | | | | | | | | | | | | 129 | 129 | 175 | 183 |
| 64/ 63 | .9 | 1.7 | 1.1 | .4 | .2 | .0 | | | | | | | | | | | | 105 | 105 | 156 | 169 |
| 62/ 61 | .7 | 1.2 | .7 | .2 | .2 | | | | | | | | | | | | | 73 | 73 | 103 | 118 |
| 60/ 59 | .4 | .6 | .3 | .1 | | | | | | | | | | | | | | 36 | 36 | 82 | 100 |
| 58/ 57 | .1 | .4 | .4 | .1 | | | | | | | | | | | | | | 25 | 25 | 49 | 74 |
| 56/ 55 | .1 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 36 | 32 |
| 54/ 53 | .0 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 16 | 36 |
| 52/ 51 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 9 | 23 |
| 50/ 49 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 6 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 12.3 | 43.5 | 29.4 | 10.8 | 2.8 | .9 | | .0 | | | | | | | | | | | 2469 | | 2461 |
| | | | | | | | | | | | | | | | | | | 2461 | | 2461 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19402120 | 217506 | 88.4 | 8.523 | 2461 | | | | | | | |
| Dry Bulb | 12752305 | 176961 | 71.7 | 5.286 | 2469 | | | 75.8 | 45.4 | 3.4 | | 90 |
| Wet Bulb | 11842147 | 170243 | 69.2 | 5.154 | 2461 | | | 67.3 | 25.4 | .0 | | 90 |
| Dew Point | 11431581 | 167165 | 67.9 | 5.587 | 2461 | | | 62.4 | 17.3 | | | 90 |

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

USAFETAC

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 48-47,49-72 (YEARS) JUL (MONTH)

PAGE 1 0300-0500 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 33 | | | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | .1 | .2 | .2 | .1 | | | | | | | | | | | | | 13 | 13 | | |
| 80/ 79 | .0 | .5 | .6 | .6 | .1 | .1 | .0 | | | | | | | | | | | 55 | 55 | 4 | 3 |
| 78/ 77 | .1 | 2.4 | 2.7 | .6 | .1 | .0 | | .0 | | | | | | | | | | 148 | 148 | 31 | 13 |
| 76/ 75 | 1.0 | 5.5 | 3.2 | .9 | | | .0 | | | | | | | | | | | 261 | 263 | 149 | 94 |
| 74/ 73 | 2.2 | 8.6 | 3.2 | .8 | .2 | | | .0 | | | | | | | | | | 373 | 374 | 316 | 253 |
| 72/ 71 | 2.3 | 8.8 | 2.2 | .5 | .2 | | | | | | | | | | | | | 349 | 351 | 390 | 374 |
| 70/ 69 | 4.1 | 9.1 | 1.8 | .4 | .1 | .0 | | | | | | | | | | | | 385 | 386 | 438 | 450 |
| 68/ 67 | 3.2 | 4.7 | 1.7 | .1 | .1 | .0 | | | | | | | | | | | | 245 | 245 | 338 | 362 |
| 66/ 65 | 2.1 | 4.4 | 1.9 | .3 | .2 | | | | | | | | | | | | | 218 | 218 | 207 | 223 |
| 64/ 63 | 1.4 | 3.1 | .6 | .1 | .0 | | | | | | | | | | | | | 130 | 130 | 196 | 191 |
| 62/ 61 | .6 | 2.0 | .7 | .2 | | | | | | | | | | | | | | 87 | 87 | 113 | 149 |
| 60/ 59 | .5 | 2.2 | .6 | .3 | | | | | | | | | | | | | | 100 | 100 | 98 | 100 |
| 58/ 57 | .3 | .9 | .6 | .2 | | | | | | | | | | | | | | 48 | 48 | 80 | 75 |
| 56/ 55 | .2 | .5 | .4 | | | | | | | | | | | | | | | 27 | 27 | 47 | 77 |
| 54/ 53 | .0 | .4 | .6 | | | | | | | | | | | | | | | 11 | 11 | 31 | 32 |
| 52/ 51 | .1 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 19 | 34 |
| 50/ 49 | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 24 |
| 48/ 47 | .1 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 12 |
| TOTAL | 16.6 | 53.7 | 20.8 | 5.4 | 1.1 | .2 | .1 | .1 | | | | | | | | | | | 2473 | | 2467 |
| | | | | | | | | | | | | | | | | | | 2467 | | 2467 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 20642767 | 224891 | 91.2 | 7.582 | 2467 | | | | | | | |
| Dry Bulb | 12103633 | 172447 | 69.7 | 5.030 | 2473 | | | 65.9 | 31.2 | 1.3 | | 90 |
| Wet Bulb | 11441166 | 167448 | 67.9 | 5.337 | 2467 | | | 60.8 | 18.2 | .1 | | 90 |
| Dew Point | 11137381 | 165123 | 66.9 | 5.880 | 2467 | | | 56.5 | 13.2 | .1 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 48-47,49-72 (YEARS) JUN (MONTH)

 C600-0600 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 92/ 91 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | .0 | | .0 | | | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | .1 | .1 | .1 | .2 | | | | | | | | | | | 12 | 12 | | |
| 86/ 85 | | | .0 | .2 | .9 | .3 | .0 | .0 | | | | | | | | | | 38 | 38 | | |
| 84/ 83 | | .0 | .4 | 1.1 | 1.5 | .4 | .1 | .1 | .0 | | | | | | | | | 91 | 91 | | |
| 82/ 81 | | | 1.2 | 3.0 | 1.4 | .2 | .1 | | | | | | | | | | | 150 | 150 | 6 | 1 |
| 80/ 79 | | .9 | 4.2 | 3.3 | 1.1 | .3 | .1 | | | | | | | | | | | 247 | 247 | 24 | 5 |
| 78/ 77 | .0 | 2.7 | 0.9 | 3.0 | 1.0 | .2 | .1 | .0 | | | | | | | | | | 352 | 352 | 154 | 42 |
| 76/ 75 | .3 | 4.6 | 4.8 | 2.0 | .9 | .2 | .2 | .3 | | | | | | | | | | 323 | 324 | 344 | 184 |
| 74/ 73 | .9 | 5.9 | 3.4 | 1.6 | .8 | .3 | .2 | | | | | | | | | | | 326 | 327 | 448 | 414 |
| 72/ 71 | 1.1 | 5.0 | 1.9 | .8 | .4 | .4 | .1 | .1 | | | | | | | | | | 246 | 246 | 407 | 450 |
| 70/ 69 | 1.8 | 4.6 | 2.2 | 1.1 | .6 | .2 | .1 | | | | | | | | | | | 262 | 263 | 344 | 404 |
| 68/ 67 | .6 | 2.7 | 2.0 | .7 | .2 | .1 | | .3 | | | | | | | | | | 158 | 158 | 208 | 256 |
| 66/ 65 | .3 | 2.1 | 1.8 | .5 | .5 | .1 | | | | | | | | | | | | 125 | 125 | 167 | 175 |
| 64/ 63 | .3 | 1.4 | .7 | .5 | .1 | | | | | | | | | | | | | 75 | 75 | 145 | 172 |
| 62/ 61 | .2 | .7 | .4 | .1 | | | | | | | | | | | | | | 36 | 36 | 105 | 124 |
| 60/ 59 | | .7 | .3 | .4 | | | | | | | | | | | | | | 40 | 40 | 56 | 75 |
| 58/ 57 | | .3 | .2 | | | | | | | | | | | | | | | 14 | 14 | 50 | 78 |
| 56/ 55 | | .2 | .1 | | | | | | | | | | | | | | | 8 | 8 | 27 | 41 |
| 54/ 53 | | .2 | | | | | | | | | | | | | | | | 5 | 5 | 18 | 33 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 6 | 32 |
| 50/ 49 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 22 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 2 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 5.3 | 32.1 | 30.2 | 18.4 | 9.3 | 2.9 | 1.2 | .3 | .0 | | | | | | | | | | 2516 | | 2513 |
| | | | | | | | | | | | | | | | | | | 2513 | | 2513 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 17905082 | 210556 | 83.8 | 10.257 | 2513 | | | | | | | |
| Dry Bulb | 13765808 | 185488 | 73.7 | 6.015 | 2516 | | | 79.1 | 55.2 | 14.7 | | 90 |
| Wet Bulb | 12413754 | 176094 | 70.1 | 5.438 | 2513 | | | 69.3 | 35.0 | .5 | | 90 |
| Dew Point | 11808831 | 171621 | 68.3 | 5.928 | 2513 | | | 53.0 | 23.1 | .1 | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUN (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | .2 | | | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | .1 | | .1 | .0 | | .0 | | | | | 6 | 6 | | |
| 96/ 95 | | | | | | | .0 | .0 | .1 | .1 | .0 | | | | | | | 9 | 9 | | |
| 94/ 93 | | | | | | | .2 | .2 | .5 | .2 | .0 | | | | | | | 28 | 28 | | |
| 92/ 91 | | | | | .0 | .1 | .4 | .7 | .4 | .2 | | | | | | | | 46 | 46 | | |
| 90/ 89 | | | | | .4 | .9 | 1.5 | .9 | .4 | .0 | | | | | | | | 103 | 103 | | |
| 88/ 87 | | | | | 1.2 | 1.9 | 1.6 | .7 | .2 | .0 | .1 | | | | | | | 145 | 145 | | |
| 86/ 85 | | | | 1.1 | 3.8 | 3.8 | 1.7 | .6 | .2 | .2 | .1 | | | | | | | 292 | 292 | 1 | |
| 84/ 83 | | | .4 | 2.9 | 5.8 | 3.4 | 1.1 | .6 | .2 | .2 | .0 | | | | | | | 367 | 367 | 5 | |
| 82/ 81 | | .1 | .8 | 4.7 | 5.4 | 2.4 | 1.3 | .4 | .2 | .2 | | | | | | | | 393 | 393 | 26 | 3 |
| 80/ 79 | | .2 | 1.9 | 4.1 | 3.1 | 2.3 | 1.1 | .4 | .4 | .2 | .0 | | | | | | | 344 | 344 | 146 | 10 |
| 78/ 77 | | .6 | 2.5 | 2.2 | 2.4 | 2.1 | .7 | .6 | .5 | | | | | | | | | 294 | 294 | 364 | 99 |
| 76/ 75 | .3 | 1.1 | 1.5 | 1.0 | 1.5 | .9 | .6 | .4 | .2 | | | | | | | | | 191 | 191 | 538 | 219 |
| 74/ 73 | .2 | 1.1 | .9 | .6 | 1.1 | .4 | .4 | .4 | .1 | | | | | | | | | 132 | 132 | 471 | 460 |
| 72/ 71 | .3 | .6 | .5 | .6 | .6 | .6 | .1 | .2 | .0 | | | | | | | | | 93 | 94 | 295 | 522 |
| 70/ 69 | .0 | .4 | .6 | .2 | .4 | .2 | .0 | | | | | | | | | | | 47 | 47 | 219 | 329 |
| 68/ 67 | | .2 | .2 | .2 | .2 | .0 | .1 | | | | | | | | | | | 23 | 23 | 174 | 206 |
| 66/ 65 | | .0 | | .1 | .0 | .1 | | | | | | | | | | | | 6 | 6 | 108 | 196 |
| 64/ 63 | | .0 | .0 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 78 | 152 |
| 62/ 61 | | | .1 | .1 | | .0 | | | | | | | | | | | | 5 | 5 | 62 | 85 |
| 60/ 59 | | .0 | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | 21 | 55 |
| 58/ 57 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 15 | 54 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 9 | 51 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 2 | 34 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 29 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 7 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .8 | 4.4 | 9.6 | 17.8 | 25.7 | 19.3 | 10.9 | 6.2 | 3.4 | 1.2 | .4 | | .0 | | | | | | 2538 | | 2537 |
| | | | | | | | | | | | | | | | | | | 2537 | | 2537 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $s_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12250385 | 173605 | 68.4 | 12.091 | 2537 | | | | | | | |
| Dry Bulb | 16659844 | 205140 | 80.8 | 5.577 | 2538 | | | 82.2 | 63.4 | 55.8 | 1.6 | 90 |
| Wet Bulb | 13477949 | 184507 | 72.7 | 4.840 | 2537 | | | 79.5 | 55.0 | 3.9 | | 90 |
| Dew Point | 12176099 | 175085 | 69.0 | 6.057 | 2537 | | | 65.5 | 28.1 | .1 | | 94 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 48-47,49-72 YEARS — JUL MONTH

PART 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 104/103 | | | | | | | | | | | | .0 | | | | | | 1 | 1 | | |
| 102/101 | | | | | | | | | | .0 | | | .0 | | | | | 2 | 2 | | |
| 100/ 99 | | | | | | | | | .0 | .1 | .1 | .1 | .1 | | | | | 10 | 10 | | |
| 98/ 97 | | | | | | | | .0 | .1 | .3 | .4 | .0 | | | | | | 22 | 22 | | |
| 96/ 95 | | | | | | | | .0 | .4 | .7 | .4 | .0 | | | | | | 37 | 37 | | |
| 94/ 93 | | | | | | | | .7 | .6 | .3 | .3 | | .0 | | | | | 48 | 48 | | |
| 92/ 91 | | | | | .2 | .1 | .7 | .4 | .7 | .3 | .1 | | | | | | | 65 | 65 | | |
| 90/ 89 | | | | .0 | .7 | 1.3 | 1.1 | .9 | .6 | .2 | .2 | .1 | | | | | | 128 | 128 | | |
| 88/ 87 | | | .1 | .4 | 1.7 | 2.4 | 1.5 | .7 | .6 | .3 | | | | | | | | 192 | 192 | | |
| 86/ 85 | | | .1 | 1.2 | 4.3 | 4.4 | 1.5 | .7 | .5 | .3 | .1 | .1 | | | | | | 336 | 336 | | |
| 84/ 83 | | .0 | .7 | 3.2 | 6.2 | 3.4 | 1.1 | .6 | .2 | .3 | .0 | .0 | | | | | | 404 | 404 | 12 | |
| 82/ 81 | | .1 | .9 | 4.5 | 4.8 | 2.3 | 1.5 | .8 | .5 | .2 | .1 | | | | | | | 396 | 396 | 76 | 8 |
| 80/ 79 | .1 | .3 | 2.2 | 3.7 | 2.9 | 2.3 | 1.2 | .9 | .6 | .1 | | | | | | | | 354 | 354 | 220 | 42 |
| 78/ 77 | | .6 | 1.4 | 1.4 | 1.7 | 2.2 | 1.0 | .8 | .5 | .1 | .0 | | | | | | | 249 | 249 | 431 | 129 |
| 76/ 75 | .2 | .9 | 1.1 | .7 | .9 | .5 | .4 | .2 | .2 | .2 | | | | | | | | 134 | 134 | 570 | 312 |
| 74/ 73 | .2 | .8 | .7 | .2 | .4 | .2 | .2 | .0 | | | | | | | | | | 69 | 69 | 382 | 468 |
| 72/ 71 | .2 | .4 | .4 | .1 | .1 | .2 | .0 | .0 | | | | | | | | | | 37 | 37 | 270 | 459 |
| 70/ 69 | .0 | .3 | .2 | .2 | .1 | .0 | .1 | .1 | | | | | | | | | | 26 | 26 | 207 | 293 |
| 68/ 67 | | .1 | .2 | .0 | .1 | .0 | | | | | | | | | | | | 13 | 13 | 159 | 204 |
| 66/ 65 | | | .1 | .0 | .0 | | | | | | | | | | | | | 4 | 4 | 83 | 160 |
| 64/ 63 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | 74 | 150 |
| 62/ 61 | | | .0 | .1 | .1 | | | | | | | | | | | | | 5 | 5 | 23 | 69 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 16 | 68 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 12 | 53 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 4 | 42 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 31 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 19 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 14 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 6 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 5 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 3.5 | 8.2 | 15.5 | 24.2 | 19.5 | 10.3 | 6.7 | 5.6 | 3.2 | 1.7 | .5 | .2 | | | | | 2535 | 2535 | | 2534 |
| | | | | | | | | | | | | | | | | | | 2535 | | 2535 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11656724 | 166590 | 66.5 | 13.183 | 2534 | | | | | | | |
| Dry Bulb | 17336813 | 209165 | 82.5 | 5.563 | 2535 | | | 89.6 | 86.9 | 65.2 | 4.3 | 90 |
| Wet Bulb | 13803349 | 186623 | 73.6 | 4.684 | 2535 | | | 82.4 | 59.8 | 6.0 | | 90 |
| Dew Point | 12387322 | 176450 | 69.6 | 5.169 | 2534 | | | 68.0 | 34.1 | .9 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
JUN — 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 |
| 100/ 99 | | | | | | | | | | | | .1 | .0 | | | | | 3 | 3 | | |
| 98/ 97 | | | | | | | | | | .2 | .2 | .1 | | | | | | 13 | 13 | | |
| 96/ 95 | | | | | | | .3 | .1 | .4 | .2 | .2 | | | | | | | 23 | 23 | | |
| 94/ 93 | | | | | | | .2 | .2 | .5 | .4 | .1 | | | | | | | 35 | 35 | | |
| 92/ 91 | | | | | | .2 | .4 | .2 | .4 | .3 | .1 | | .1 | | | | | 43 | 43 | | |
| 90/ 89 | | | | | .3 | .4 | .5 | .6 | .6 | .1 | .1 | .1 | | | | | | 76 | 76 | | |
| 88/ 87 | | | | .2 | 1.4 | 1.4 | .9 | .3 | .2 | .1 | .1 | | | | | | | 117 | 117 | | |
| 86/ 85 | | | .1 | 1.3 | 3.3 | 1.9 | .7 | .4 | .1 | .2 | | .2 | | | | | | 209 | 209 | | |
| 84/ 83 | | | .4 | 4.1 | 6.6 | 2.7 | .8 | .2 | .4 | .2 | .1 | .3 | | | | | | 397 | 397 | 3 | |
| 82/ 81 | | .2 | 1.0 | 6.0 | 4.1 | 2.2 | .9 | .7 | .4 | .0 | .0 | | | | | | | 412 | 412 | 44 | 1 |
| 80/ 79 | .1 | .6 | 2.5 | 5.6 | 3.8 | 2.8 | 1.6 | .3 | .3 | .2 | .1 | | | | | | | 478 | 478 | 174 | 24 |
| 78/ 77 | .3 | 1.4 | 3.1 | 2.5 | 2.1 | 1.4 | 1.1 | .5 | .1 | .3 | | | | | | | | 313 | 313 | 365 | 133 |
| 76/ 75 | .1 | 1.4 | 1.9 | 1.3 | 1.6 | 1.9 | .6 | .2 | .1 | | | | | | | | | 207 | 207 | 589 | 314 |
| 74/ 73 | .2 | .9 | .7 | .9 | .7 | .2 | .2 | .1 | | | | | | | | | | 105 | 105 | 469 | 476 |
| 72/ 71 | .2 | .4 | .4 | .3 | .2 | .2 | .0 | .0 | | | | | | | | | | 54 | 54 | 286 | 474 |
| 70/ 69 | .1 | .4 | .2 | .1 | .0 | .0 | .1 | | | | | | | | | | | 24 | 24 | 236 | 304 |
| 68/ 67 | .2 | .2 | .0 | | | .1 | | | | | | | | | | | | 13 | 13 | 179 | 227 |
| 66/ 65 | | .0 | .1 | .1 | .1 | | | | | | | | | | | | | 8 | 8 | 101 | 161 |
| 64/ 63 | .0 | .0 | .0 | .0 | | | | | | | | | | | | | | 4 | 4 | 57 | 137 |
| 62/ 61 | | | .1 | | .1 | | | | | | | | | | | | | 4 | 4 | 21 | 80 |
| 60/ 59 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 17 | 82 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 4 | 39 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 30 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 23 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 1 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 12 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 4 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 2 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.0 | 5.5 | 11.7 | 23.1 | 24.4 | 15.0 | 8.2 | 4.1 | 3.3 | 2.0 | 1.1 | .5 | .2 | | | | | | 2539 | | 2539 |
| | | | | | | | | | | | | | | | | | | 2539 | | 2539 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 90 F | ≥ 93 F | Total |
| Rel. Hum. | 12884515 | 177845 | 70.0 | 12.976 | 2539 | | | | | | | |
| Dry Bulb | 16739115 | 205731 | 81.0 | 5.217 | 2539 | | | 89.4 | 86.2 | 56.7 | 2.6 | 90 |
| Wet Bulb | 13689697 | 180103 | 73.3 | 4.283 | 2539 | | | 82.8 | 58.0 | 3.8 | | 90 |
| Dew Point | 12451906 | 177208 | 69.8 | 5.747 | 2539 | | | 69.2 | 33.6 | .3 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-47,49-72 — YEARS
JUN — 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 96/ 95 | | | | | | | | | | .0 | | .0 | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | | .2 | .0 | | | | | | | | | 5 | 5 | | |
| 92/ 91 | | | | | | .1 | .1 | | .1 | | | | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | .1 | .2 | .1 | .1 | .1 | .0 | | | | | | | | 17 | 17 | | |
| 88/ 87 | | | | .2 | .3 | .4 | .2 | .1 | .1 | | .0 | | | | | | | 31 | 31 | | |
| 86/ 85 | | | .0 | .9 | .8 | .4 | .2 | .2 | .0 | | | | | | | | | 62 | 62 | | |
| 84/ 83 | | .1 | 1.1 | 1.9 | 1.5 | .4 | .2 | .1 | .0 | | .1 | | | | | | | 135 | 136 | 1 | |
| 82/ 81 | | .3 | 3.1 | 4.1 | 2.1 | .6 | .2 | .3 | .1 | .0 | | | | | | | | 275 | 275 | 20 | 3 |
| 80/ 79 | | 1.0 | 6.0 | 6.1 | 2.7 | 1.1 | .6 | .2 | .1 | .0 | .0 | | | | | | | 471 | 471 | 91 | 28 |
| 78/ 77 | .2 | 3.1 | 8.3 | 5.1 | 2.4 | .7 | .3 | .3 | .0 | .1 | | | | | | | | 518 | 518 | 230 | 106 |
| 76/ 75 | .2 | 3.3 | 5.2 | 4.1 | 2.2 | .9 | .5 | .1 | .1 | | | | | | | | | 425 | 426 | 465 | 270 |
| 74/ 73 | .3 | 3.0 | 2.2 | 1.9 | 1.5 | .7 | .2 | .1 | | | | | | | | | | 250 | 250 | 562 | 464 |
| 72/ 71 | .7 | 1.9 | 1.1 | 1.6 | .7 | .3 | .2 | | | | | | | | | | | 165 | 165 | 395 | 495 |
| 70/ 69 | .4 | .9 | 1.0 | .7 | .3 | .4 | .2 | | | | | | | | | | | 100 | 100 | 296 | 331 |
| 68/ 67 | .3 | .6 | .4 | .2 | .2 | .0 | | | | | | | | | | | | 42 | 42 | 193 | 251 |
| 66/ 65 | | .2 | .2 | .2 | .1 | | | | | | | | | | | | | 16 | 16 | 141 | 190 |
| 64/ 63 | | .2 | .2 | .1 | | | | | | | | | | | | | | 12 | 12 | 69 | 136 |
| 62/ 61 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | 35 | 95 |
| 60/ 59 | | .0 | .0 | | .0 | | | | | | | | | | | | | 3 | 3 | 32 | 61 |
| 58/ 57 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 8 | 33 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 31 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 15 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 5 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.1 | 14.6 | 29.4 | 27.4 | 14.6 | 6.1 | 2.7 | 1.4 | .7 | .2 | .2 | .0 | | | | | | 2542 | 2543 | | 2542 |
| | | | | | | | | | | | | | | | | | | 2542 | | 2542 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 15919063 | 199130 | 78.3 | 11.220 | 2542 | | | | | | | |
| Dry Bulb | 1524714 | 196566 | 77.3 | 4.362 | 2543 | | | 88.7 | 77.9 | 26.5 | .2 | 90 |
| Wet Bulb | 13275161 | 183357 | 72.1 | 4.411 | 2542 | | | 79.8 | 48.5 | 2.4 | | 90 |
| Dew Point | 12431038 | 177224 | 69.7 | 5.443 | 2542 | | | 69.0 | 30.8 | .2 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-74 YEARS — JUN 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | | | .0 | | | | | | | | | | 1 | 1 | | |
| 86/ 85 | | | .1 | .1 | .1 | .1 | .0 | | | | | | | | | | | 11 | 11 | | |
| 84/ 83 | | .0 | .3 | .6 | .3 | .1 | | | | .0 | | | | | | | | 34 | 34 | | |
| 82/ 81 | | .3 | 1.3 | 1.1 | .4 | .1 | | | .0 | | | | | | | | | 80 | 80 | 4. | 2 |
| 80/ 79 | .0 | 1.7 | 4.3 | 2.3 | .9 | .4 | | .0 | | | | | | | | | | 263 | 263 | 25 | 11 |
| 78/ 77 | .3 | 4.0 | 7.9 | 3.2 | 1.0 | .2 | | | | | | | | | | | | 422 | 422 | 139 | 66 |
| 76/ 75 | .6 | 7.3 | 8.8 | 3.9 | 1.0 | .2 | .0 | | .0 | | | | | | | | | 553 | 553 | 311 | 221 |
| 74/ 73 | 1.1 | 5.5 | 5.1 | 2.4 | .6 | .3 | .2 | | | | | | | | | | | 390 | 391 | 540 | 378 |
| 72/ 71 | 1.1 | 4.5 | 1.9 | 1.6 | .9 | .2 | .1 | | | | | | | | | | | 258 | 258 | 473 | 493 |
| 70/ 69 | 1.3 | 3.4 | 1.2 | 1.4 | .6 | .2 | .0 | | | | | | | | | | | 219 | 219 | 388 | 446 |
| 68/ 67 | .8 | 1.4 | 1.9 | .8 | .3 | .2 | .1 | | | | | | | | | | | 125 | 125 | 202 | 257 |
| 66/ 65 | .4 | 1.5 | 1.0 | .5 | .0 | .1 | | | | | | | | | | | | 89 | 89 | 158 | 207 |
| 64/ 63 | .3 | .9 | .4 | .2 | | | | | | | | | | | | | | 38 | 38 | 132 | 134 |
| 62/ 61 | | .5 | .2 | .1 | | | | | | | | | | | | | | 20 | 20 | 71 | 116 |
| 60/ 59 | .1 | .4 | .2 | .0 | | | | | | | | | | | | | | 19 | 19 | 47 | 77 |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 22 | 39 |
| 56/ 55 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 11 | 47 |
| 54/ 53 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 1 | 18 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 4 | 8 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 4 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 5.7 | 31.6 | 35.1 | 18.5 | 6.4 | 2.0 | .8 | .1 | .1 | .0 | | | | | | | | | 2531 | | 2531 |
| | | | | | | | | | | | | | | | | | | 2530 | | 2531 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 90 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16382050 | 214322 | 84.7 | 9.461 | 2530 | | | | | | | |
| Dry Bulb | 13967042 | 187654 | 74.1 | 4.644 | 2531 | | | 85.8 | 62.4 | 8.2 | | 90 |
| Wet Bulb | 12711583 | 178935 | 70.7 | 4.032 | 2531 | | | 74.1 | 30.3 | .5 | | 90 |
| Dew Point | 12146573 | 174825 | 69.1 | 5.290 | 2531 | | | 60.7 | 24.2 | .1 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) JUL (MONTH)

PAGE 1 0000-0200 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 86/ 85 | | | | .2 | .1 | .1 | | | | | | | | | | | | 9 | 9 | | |
| 84/ 83 | | | .1 | .5 | .5 | | | | | | | | | | | | | 28 | 28 | | |
| 82/ 81 | .0 | .4 | 1.3 | .8 | .4 | | | | | | | | | | | | | 71 | 71 | 2 | 1 |
| 80/ 79 | .2 | 2.7 | 7.0 | 1.4 | .3 | .1 | | | | | | | | | | | | 291 | 291 | 27 | 7 |
| 78/ 77 | .8 | 9.9 | 7.1 | 1.7 | .8 | .2 | .0 | | | | | | | | | | | 507 | 507 | 197 | 89 |
| 76/ 75 | 1.2 | 12.2 | 4.8 | 1.5 | .3 | .2 | | | | | | | | | | | | 502 | 502 | 588 | 398 |
| 74/ 73 | 3.2 | 11.2 | 2.7 | .7 | .1 | | | | | | | | | | | | | 448 | 448 | 571 | 671 |
| 72/ 71 | 3.4 | 6.7 | 1.7 | .6 | .2 | | | | | | | | | | | | | 314 | 314 | 509 | 536 |
| 70/ 69 | 1.4 | 2.6 | .9 | .5 | .2 | | | | | | | | | | | | | 140 | 140 | 276 | 322 |
| 68/ 67 | 1.2 | .9 | 1.0 | .2 | .0 | | | | | | | | | | | | | 84 | 84 | 131 | 198 |
| 66/ 65 | .6 | .7 | .5 | .1 | | | | | | | | | | | | | | 46 | 46 | 74 | 89 |
| 64/ 63 | .4 | .6 | .3 | | | | | | | | | | | | | | | 32 | 32 | 63 | 84 |
| 62/ 61 | .1 | .2 | .0 | | | | | | | | | | | | | | | 8 | 8 | 35 | 41 |
| 60/ 59 | .2 | .2 | | | | | | | | | | | | | | | | 9 | 9 | 15 | 34 |
| 58/ 57 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 19 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 1 | 3 |
| TOTAL | 12.6 | 48.3 | 27.4 | 8.2 | 2.9 | .5 | .0 | | | | | | | | | | | | 2492 | | 2492 |
| | | | | | | | | | | | | | | | | | | 2492 | | 2492 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 20219374 | 223638 | 89.7 | 7.749 | 2492 | | | | | | | |
| Dry Bulb | 13966169 | 186283 | 74.8 | 4.060 | 2492 | | | 89.3 | 69.3 | 8.4 | | 93 |
| Wet Bulb | 13110652 | 180516 | 72.4 | 3.716 | 2492 | | | 85.9 | 51.7 | .3 | | 93 |
| Dew Point | 12748462 | 177966 | 71.4 | 3.958 | 2492 | | | 82.9 | 43.5 | .2 | | 93 |

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) JUL (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | .3 | .2 | .0 | | | | | | | | | | | | 17 | 17 | | |
| 82/ 81 | | .2 | .3 | .4 | .1 | .1 | | | | | | | | | | | | 26 | 26 | | |
| 80/ 79 | .2 | 1.7 | 2.9 | .8 | .1 | | | | | | | | | | | | | 143 | 143 | 15 | 7 |
| 78/ 77 | .2 | 6.9 | 4.1 | .7 | .5 | | | | | | | | | | | | | 312 | 312 | 102 | 47 |
| 76/ 75 | 2.3 | 13.8 | 3.4 | 1.1 | .3 | .1 | | | | | | | | | | | | 528 | 528 | 406 | 275 |
| 74/ 73 | 4.7 | 12.4 | 2.4 | .8 | .1 | | | | | | | | | | | | | 512 | 512 | 627 | 610 |
| 72/ 71 | 5.1 | 10.1 | 1.6 | .6 | | | | | | | | | | | | | | 438 | 438 | 531 | 586 |
| 70/ 69 | 3.5 | 5.1 | 1.0 | .5 | | | | | | | | | | | | | | 255 | 255 | 378 | 392 |
| 68/ 67 | 1.6 | 2.2 | .8 | .0 | | | | | | | | | | | | | | 110 | 110 | 193 | 243 |
| 66/ 65 | .9 | 1.5 | .9 | .2 | | | | | | | | | | | | | | 87 | 87 | 108 | 142 |
| 64/ 63 | .3 | .6 | .6 | | | | | | | | | | | | | | | 43 | 43 | 66 | 90 |
| 62/ 61 | .2 | .5 | .3 | | | | | | | | | | | | | | | 23 | 23 | 43 | 47 |
| 60/ 59 | .4 | .2 | | | | | | | | | | | | | | | | 16 | 16 | 36 | 44 |
| 58/ 57 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 7 | 26 |
| 56/ 55 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 5 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| TOTAL | 19.7 | 55.3 | 18.0 | 5.3 | 1.4 | .2 | | | | | | | | | | | | | 2515 | | 2515 |
| | | | | | | | | | | | | | | | | | | 2515 | | 2515 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 21426824 | 231474 | 92.0 | 6.982 | 2515 | | | | | | | |
| Dry Bulb | 13520934 | 184116 | 73.2 | 4.103 | 2515 | | | 86.6 | 56.9 | 3.7 | | 93 |
| Wet Bulb | 12880121 | 179719 | 71.5 | 3.868 | 2515 | | | 83.3 | 42.5 | .2 | | 93 |
| Dew Point | 12599155 | 177715 | 70.7 | 4.061 | 2515 | | | 79.9 | 34.7 | .1 | | 93 |

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

USAFETAC

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JUL MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | .1 | .2 | .0 | | | | | | | | | | | | 8 | 8 | | |
| 86/ 85 | | | .2 | .3 | .7 | .3 | | | | | | | | | | | | 38 | 38 | | |
| 84/ 83 | | | .9 | 3.1 | 1.7 | .3 | .1 | | | | | | | | | | | 157 | 157 | | |
| 82/ 81 | | .5 | 4.5 | 4.7 | 1.2 | .2 | .1 | | | | | | | | | | | 288 | 288 | 8 | |
| 80/ 79 | .1 | 2.4 | 7.2 | 3.4 | 1.1 | .2 | | | | | | | | | | | | 370 | 370 | 81 | 26 |
| 78/ 77 | .3 | 6.8 | 6.8 | 1.9 | .7 | .2 | | | | | | | | | | | | 427 | 427 | 378 | 141 |
| 76/ 75 | .7 | 9.5 | 3.9 | 2.0 | .6 | .2 | | | | | | | | | | | | 435 | 435 | 576 | 463 |
| 74/ 73 | 1.7 | 8.6 | 3.1 | 1.3 | .2 | | | | | | | | | | | | | 387 | 387 | 590 | 669 |
| 72/ 71 | 1.5 | 4.4 | 1.7 | 1.0 | .2 | .1 | | | | | | | | | | | | 228 | 228 | 399 | 487 |
| 70/ 69 | .7 | 2.5 | 1.1 | .8 | | | | | | | | | | | | | | 127 | 127 | 259 | 319 |
| 68/ 67 | .3 | 1.0 | 1.0 | .1 | .0 | | | | | | | | | | | | | 62 | 62 | 134 | 199 |
| 66/ 65 | .1 | .6 | .4 | | .0 | | | | | | | | | | | | | 30 | 30 | 71 | 121 |
| 64/ 63 | .0 | .4 | .3 | | | | | | | | | | | | | | | 19 | 19 | 55 | 66 |
| 62/ 61 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 23 | 58 |
| 60/ 59 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 23 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 5 |
| TOTAL | 5.0 | 36.7 | 31.0 | 18.3 | 5.7 | 1.4 | .2 | | | | | | | | | | | | 2584 | | 2584 |
| | | | | | | | | | | | | | | | | | | 2584 | | 2584 | |

| Element (X) | $\Sigma_{X^2}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19281079 | 222103 | 86.0 | 8.591 | 2584 | | | | | | | |
| Dry Bulb | 15122691 | 197341 | 76.4 | 4.473 | 2584 | | | 91.0 | 76.0 | 24.5 | | 93 |
| Wet Bulb | 13850179 | 188929 | 73.1 | 3.767 | 2584 | | | 87.3 | 58.8 | 1.1 | | 93 |
| Dew Point | 13324352 | 185266 | 71.7 | 3.997 | 2584 | | | 82.9 | 46.8 | .3 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (YEARS) JUL (MONTH)

PAGE 1 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | .0 | .0 | | | | | | | | 2 | 2 | | |
| 96/ 95 | | | | | .0 | | | .0 | .1 | .3 | | | | | | | | 6 | 6 | | |
| 94/ 93 | | | | | .0 | .2 | .2 | .2 | .1 | | | | | | | | | 18 | 18 | | |
| 92/ 91 | | | | | .1 | .2 | 1.1 | .7 | .0 | | .0 | .0 | | | | | | 57 | 57 | | |
| 90/ 89 | | | | .0 | .7 | 2.5 | 1.7 | .5 | .1 | .1 | | | | | | | | 148 | 148 | | |
| 88/ 87 | | | .1 | .3 | 3.4 | 4.3 | 1.9 | .5 | .1 | .0 | | | | | | | | 277 | 277 | 1 | |
| 86/ 85 | | | .3 | 2.8 | 9.3 | 4.9 | 1.4 | .5 | .0 | .0 | | | | | | | | 502 | 502 | 3 | |
| 84/ 83 | | .0 | 1.0 | 6.5 | 7.8 | 2.7 | 1.3 | .3 | .1 | .0 | | | | | | | | 517 | 517 | 13 | 1 |
| 82/ 81 | | .1 | 2.5 | 5.5 | 3.9 | 1.8 | .8 | .3 | .1 | .3 | | | | | | | | 390 | 390 | 79 | 10 |
| 80/ 79 | | .6 | 3.1 | 3.4 | 1.9 | 1.5 | .5 | .4 | .2 | | | | | | | | | 303 | 303 | 371 | 54 |
| 78/ 77 | .1 | .8 | 2.4 | 1.5 | 1.0 | .5 | .2 | .2 | | | | | | | | | | 172 | 172 | 726 | 267 |
| 76/ 75 | .2 | 1.4 | 1.1 | .7 | .4 | .2 | .2 | .0 | | | | | | | | | | 109 | 109 | 621 | 600 |
| 74/ 73 | .3 | .7 | .5 | .2 | .2 | .1 | .1 | | | | | | | | | | | 53 | 53 | 340 | 642 |
| 72/ 71 | .1 | .2 | .3 | .1 | .1 | | | | | | | | | | | | | 21 | 21 | 218 | 425 |
| 70/ 69 | .1 | .2 | | .0 | | | | | | | | | | | | | | 8 | 8 | 115 | 214 |
| 68/ 67 | | .2 | .0 | | | | | | | | | | | | | | | 7 | 7 | 52 | 156 |
| 66/ 65 | .1 | .0 | | | | | | | | | | | | | | | | 3 | 3 | 36 | 87 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 16 | 62 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 18 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 16 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 9 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .8 | 4.3 | 11.3 | 21.2 | 29.0 | 19.0 | 9.5 | 3.6 | .9 | .3 | .0 | .0 | | | | | | | 2593 | | 2593 |
| | | | | | | | | | | | | | | | | | | 2593 | | 2593 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 13538602 | 185492 | 71.5 | 10.193 | 2593 |
| Dry Bulb | 17931000 | 215332 | 83.0 | 4.351 | 2593 |
| Wet Bulb | 14864714 | 196124 | 75.6 | 3.441 | 2593 |
| Dew Point | 13704872 | 188198 | 72.6 | 4.185 | 2593 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 92.9 | 91.6 | 75.0 | .9 | 93 |
| Wet Bulb | | | 91.1 | 77.3 | 8.8 | | 93 |
| Dew Point | | | 85.0 | 56.5 | 1.1 | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JUL MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | .2 | .1 | | .0 | | | | | 9 | 9 | | |
| 96/ 95 | | | | | | .0 | .1 | .1 | .4 | .3 | .0 | .1 | | | | | | 28 | 28 | | |
| 94/ 93 | | | | | .1 | .6 | .6 | .8 | .8 | .1 | .0 | | | | | | | 79 | 79 | | |
| 92/ 91 | | | | | .2 | 1.1 | 1.6 | 1.2 | .4 | .2 | .0 | | | | | | | 123 | 123 | | |
| 90/ 89 | | | | .1 | 1.7 | 3.8 | 2.2 | 1.3 | .2 | .1 | | | | | | | | 246 | 246 | | |
| 88/ 87 | | | .0 | .9 | 5.5 | 5.2 | 1.7 | .5 | .3 | .0 | | | | | | | | 366 | 366 | | |
| 86/ 85 | | .0 | .3 | 4.0 | 9.0 | 4.9 | 1.4 | .5 | .3 | .2 | | | | | | | | 551 | 551 | 11 | |
| 84/ 83 | .0 | .0 | .9 | 5.0 | 6.0 | 2.7 | 1.5 | .3 | .2 | .2 | | | | | | | | 439 | 439 | 28 | 5 |
| 82/ 81 | | .3 | 1.9 | 4.6 | 3.1 | 1.5 | .8 | .7 | .3 | .0 | | | | | | | | 343 | 343 | 194 | 25 |
| 80/ 79 | .0 | .2 | 2.0 | 2.1 | .7 | .9 | .4 | .5 | .2 | | | | | | | | | 181 | 181 | 546 | 113 |
| 78/ 77 | .1 | .5 | 1.2 | .7 | .3 | .2 | .0 | | .0 | | | | | | | | | 80 | 80 | 686 | 392 |
| 76/ 75 | .0 | 1.0 | .7 | .3 | .2 | .0 | | | | | | | | | | | | 60 | 60 | 492 | 575 |
| 74/ 73 | .3 | .9 | .4 | .2 | .1 | | | | | | | | | | | | | 49 | 49 | 294 | 579 |
| 72/ 71 | .3 | .2 | .0 | .0 | | | | | | | | | | | | | | 16 | 16 | 166 | 372 |
| 70/ 69 | .1 | .3 | .1 | .3 | | | | | | | | | | | | | | 13 | 13 | 82 | 188 |
| 68/ 67 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 56 | 141 |
| 66/ 65 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 28 | 68 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 3 | 49 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 18 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 33 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 13 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 7 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 2 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .9 | 3.6 | 7.5 | 18.7 | 26.9 | 21.1 | 10.4 | 6.0 | 3.1 | 1.4 | .2 | .1 | .0 | | | | | | 2586 | | 2586 |
| | | | | | | | | | | | | | | | | | | 2586 | | 2586 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12809990 | 179754 | 69.5 | 11.043 | 2586 | | | | | | | |
| Dry Bulb | 18597272 | 218970 | 84.7 | 4.652 | 2586 | | | 93.0 | 91.9 | 83.0 | 4.2 | 93 |
| Wet Bulb | 15163269 | 197613 | 76.5 | 3.507 | 2586 | | | 91.9 | 81.0 | 17.4 | | 93 |
| Dew Point | 13904095 | 189287 | 73.2 | 4.349 | 2586 | | | 86.1 | 60.9 | 2.4 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JUL MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | .1 | .0 | | | | | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | .1 | .3 | .2 | .1 | | | | | | | 16 | 16 | | |
| 94/ 93 | | | | | | .1 | .3 | .6 | .5 | .2 | .1 | | | | | | | 45 | 45 | | |
| 92/ 91 | | | | .0 | .4 | .3 | .5 | .7 | .4 | | | | | | | | | 59 | 59 | | |
| 90/ 89 | | | .0 | .4 | 1.3 | 2.2 | 1.3 | .5 | .2 | | .0 | | | | | | | 159 | 159 | | |
| 88/ 87 | | | .1 | .5 | 4.3 | 2.7 | .8 | .3 | .0 | .1 | | | | | | | | 228 | 228 | | |
| 86/ 85 | | | .6 | 4.7 | 8.8 | 3.1 | .8 | .4 | .2 | .1 | | | | | | | | 486 | 486 | 5 | |
| 84/ 83 | | | 1.8 | 7.9 | 6.2 | 2.3 | 1.7 | .4 | .1 | .0 | | | | | | | | 533 | 533 | 31 | 6 |
| 82/ 81 | | .2 | 2.7 | 7.5 | 3.1 | 1.7 | .9 | .5 | .3 | .0 | | | | | | | | 436 | 436 | 131 | 26 |
| 80/ 79 | .0 | 1.0 | 3.1 | 3.1 | 1.2 | 1.0 | .8 | .6 | .0 | | | | | | | | | 282 | 282 | 496 | 95 |
| 78/ 77 | .1 | 1.5 | 2.0 | 1.3 | .8 | .2 | .2 | | | | | | | | | | | 161 | 161 | 565 | 409 |
| 76/ 75 | .1 | 1.7 | .8 | .4 | .2 | | | | | | | | | | | | | 82 | 82 | 538 | 606 |
| 74/ 73 | .4 | 1.2 | .6 | .1 | .2 | | | | | | | | | | | | | 67 | 67 | 338 | 576 |
| 72/ 71 | .2 | .5 | .2 | .1 | | | | | | | | | | | | | | 26 | 26 | 195 | 322 |
| 70/ 69 | .3 | .1 | .2 | | | | | | | | | | | | | | | 14 | 14 | 114 | 203 |
| 68/ 67 | | | | | | | | | | | | | | | | | | | | 61 | 147 |
| 66/ 65 | | | | | | | | | | | | | | | | | | | | 23 | 85 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | 1 | 54 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | 28 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 22 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 12 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 7 |
| TOTAL | 1.1 | 6.1 | 12.2 | 26.1 | 26.4 | 13.6 | 7.2 | 4.1 | 2.2 | .7 | .2 | | | | | | | 2598 | 2598 | | 2598 |
| | | | | | | | | | | | | | | | | | | 2598 | | 2598 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 14057136 | 188968 | 72.7 | 11.141 | 2598 | | | | | | | |
| Dry Bulb | 18044126 | 216202 | 83.2 | 4.479 | 2598 | | | 93.0 | 91.6 | 76.2 | 2.3 | 93 |
| Wet Bulb | 15072532 | 197680 | 76.1 | 3.466 | 2598 | | | 92.1 | 78.9 | 13.1 | | 93 |
| Dew Point | 13960885 | 190121 | 73.2 | 4.294 | 2598 | | | 85.6 | 61.5 | 2.0 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-47,49-72 YEARS — JUL MONTH

PAGE 1 — 1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 | 30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | .0 | .1 | .0 | | | | | | | | | | | 4 | 4 | | |
| 90/ 89 | | | | .0 | .2 | .3 | .2 | .1 | | | | | | | | | | | | 22 | 22 | | |
| 88/ 87 | | | | .4 | 1.2 | .9 | .3 | .0 | | | | | | | | | | | | 74 | 74 | | |
| 86/ 85 | | | .5 | 1.9 | 2.2 | .8 | .2 | .1 | | | | | | | | | | | | 148 | 148 | | |
| 84/ 83 | | .1 | 2.5 | 5.4 | 2.4 | .9 | .4 | .0 | .1 | | | | | | | | | | | 305 | 305 | 1 | 1 |
| 82/ 81 | | .9 | 8.0 | 7.9 | 2.6 | .7 | .5 | .1 | | | | | | | | | | | | 536 | 536 | 55 | 6 |
| 80/ 79 | .1 | 2.4 | 11.2 | 5.6 | 2.4 | 1.3 | .3 | .2 | | | | | | | | | | | | 610 | 610 | 221 | 75 |
| 78/ 77 | .1 | 3.1 | 6.0 | 3.2 | 1.5 | 1.0 | .5 | .0 | | | | | | | | | | | | 402 | 402 | 616 | 276 |
| 76/ 75 | .5 | 4.0 | 2.2 | 1.2 | .6 | .4 | .2 | | | | | | | | | | | | | 240 | 240 | 663 | 621 |
| 74/ 73 | .7 | 2.7 | 1.4 | .5 | .4 | .0 | | | | | | | | | | | | | | 148 | 148 | 467 | 629 |
| 72/ 71 | .6 | 1.0 | .3 | .3 | .1 | | | | | | | | | | | | | | | 59 | 59 | 277 | 385 |
| 70/ 69 | .3 | .5 | .2 | .1 | | | | | | | | | | | | | | | | 31 | 31 | 152 | 250 |
| 68/ 67 | .0 | | .2 | | | | | | | | | | | | | | | | | 6 | 6 | 91 | 135 |
| 66/ 65 | | .1 | | | | | | | | | | | | | | | | | | 3 | 3 | 38 | 87 |
| 64/ 63 | | | | | | | | | | | | | | | | | | | | | | 8 | 63 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | | | | 36 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | 6 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.5 | 14.0 | 32.3 | 26.5 | 14.0 | 6.4 | 2.5 | .0 | .1 | | | | | | | | | | | 2589 | 2589 | | 2589 |
| | | | | | | | | | | | | | | | | | | | | 2589 | | 2589 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 168900162 | 207282 | 80.1 | 9.919 | 2589 |
| Dry Bulb | 16495330 | 206414 | 79.7 | 3.858 | 2589 |
| Wet Bulb | 14533540 | 193784 | 74.8 | 3.348 | 2589 |
| Dew Point | 13758830 | 188454 | 72.8 | 3.991 | 2589 |

| Mean No. of Hours with Temperature | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Dry Bulb | | | 92.9 | 89.4 | 52.5 | .0 | 93 |
| Wet Bulb | | | 91.3 | 72.7 | 5.1 | | 93 |
| Dew Point | | | 85.4 | 57.8 | 1.3 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-47,49-72 YEARS | JUL MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | .3 | .4 | .2 | | | | | | | | | | | | 23 | 23 | | |
| 84/ 83 | | | .9 | 1.1 | 1.1 | .2 | | | | | | | | | | | | 31 | 81 | | |
| 82/ 81 | | .7 | 3.8 | 2.8 | .5 | .1 | | | | | | | | | | | | 198 | 198 | 2 | |
| 80/ 79 | .2 | 3.9 | 13.5 | 3.9 | 1.2 | .5 | | | | | | | | | | | | 589 | 589 | 70 | 20 |
| 78/ 77 | .3 | 8.0 | 9.8 | 3.1 | 1.7 | .3 | | | | | | | | | | | | 590 | 590 | 344 | 150 |
| 76/ 75 | 1.0 | 7.9 | 4.6 | 1.9 | .6 | .3 | .0 | | | | | | | | | | | 415 | 415 | 730 | 527 |
| 74/ 73 | 1.0 | 6.9 | 2.1 | 1.1 | .2 | .2 | | | | | | | | | | | | 306 | 306 | 557 | 689 |
| 72/ 71 | 1.5 | 3.3 | 1.4 | .9 | .2 | | | | | | | | | | | | | 184 | 184 | 396 | 468 |
| 70/ 69 | .6 | 1.0 | 1.0 | .4 | | | | | | | | | | | | | | 74 | 74 | 218 | 283 |
| 68/ 67 | .5 | .6 | .6 | .2 | | | | | | | | | | | | | | 48 | 48 | 112 | 167 |
| 66/ 65 | .1 | .5 | .2 | | | | | | | | | | | | | | | 20 | 20 | 62 | 109 |
| 64/ 63 | | .2 | | | | | | | | | | | | | | | | 5 | 5 | 38 | 64 |
| 62/ 61 | .0 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 10 | 38 |
| 60/ 59 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 21 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 5.7 | 33.1 | 38.0 | 15.7 | 5.7 | 1.8 | .0 | | | | | | | | | | | 2540 | 2540 | | 2540 |
| | | | | | | | | | | | | | | | | | | | | 2540 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18946271 | 218337 | 86.0 | 8.376 | 2540 | | | | | | | |
| Dry Bulb | 14997046 | 194940 | 76.7 | 3.754 | 2540 | | | 91.9 | 80.7 | 21.3 | | 93 |
| Wet Bulb | 13743974 | 186044 | 73.5 | 3.381 | 2540 | | | 88.9 | 62.4 | .9 | | 93 |
| Dew Point | 13229935 | 183067 | 72.1 | 3.740 | 2540 | | | 84.4 | 50.7 | .2 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-71 YEARS | AUG MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | .0 | .2 | .0 | | | | | | | | | | | | | 10 | 10 | | |
| 82/ 81 | .1 | .6 | 1.5 | 1.5 | .0 | | | | | | | | | | | | | 93 | 93 | 2 | 1 |
| 80/ 79 | .3 | 3.2 | 6.5 | 1.6 | .5 | .0 | | | | | | | | | | | | 301 | 301 | 35 | 22 |
| 78/ 77 | .8 | 7.4 | 5.7 | 1.5 | .3 | | | | | | | | | | | | | 392 | 392 | 205 | 109 |
| 76/ 75 | 2.0 | 10.0 | 4.7 | 1.0 | .2 | .0 | | | | | | | | | | | | 445 | 445 | 469 | 330 |
| 74/ 73 | 3.7 | 8.3 | 3.5 | 1.4 | .2 | .0 | | | | | | | | | | | | 426 | 426 | 541 | 579 |
| 72/ 71 | 3.7 | 5.5 | 2.3 | .9 | .3 | .1 | | | | | | | | | | | | 323 | 323 | 433 | 449 |
| 70/ 69 | 1.5 | 4.3 | 1.9 | .6 | .1 | .0 | | | | | | | | | | | | 213 | 213 | 286 | 334 |
| 68/ 67 | .5 | 2.2 | 1.2 | .2 | .1 | | | | | | | | | | | | | 114 | 114 | 195 | 230 |
| 66/ 65 | .3 | 1.6 | .8 | .4 | .1 | | | | | | | | | | | | | 90 | 90 | 142 | 143 |
| 64/ 63 | .4 | 1.2 | .4 | .1 | | .0 | | | | | | | | | | | | 55 | 55 | 88 | 132 |
| 62/ 61 | .4 | .5 | .0 | .0 | | | | | | | | | | | | | | 23 | 23 | 60 | 89 |
| 60/ 59 | .2 | .1 | | .0 | | | | | | | | | | | | | | 8 | 8 | 29 | 37 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 6 | 21 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 2 | 11 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 4 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 1 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 14.4 | 44.9 | 25.8 | 9.7 | 1.9 | .3 | | | | | | | | | | | | 2493 | 2493 | | 2493 |
| | | | | | | | | | | | | | | | | | | 2493 | | 2493 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 20191650 | 223444 | 89.7 | 7.725 | 2491 | | | | | | | |
| Dry Bulb | 13701825 | 184489 | 74.0 | 4.440 | 2493 | | | 86.4 | 62.2 | 8.6 | | 93 |
| Wet Bulb | 12865530 | 178772 | 71.7 | 4.292 | 2493 | | | 80.8 | 46.7 | .5 | | 93 |
| Dew Point | 12503884 | 176182 | 70.7 | 4.011 | 2493 | | | 76.6 | 38.8 | .4 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-46,49-71 — 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 | | | | |
| 84/ 83 | | | | .2 | | | | | | | | | | | | | | 4 | 4 | | |
| 82/ 81 | | .1 | .7 | .3 | .1 | | | | | | | | | | | | | 29 | 29 | | |
| 80/ 79 | .1 | 1.9 | 2.1 | .5 | .2 | .0 | | | | | | | | | | | | 123 | 123 | 16 | 16 |
| 78/ 77 | 1.0 | 4.8 | 4.1 | .4 | .2 | | | | | | | | | | | | | 263 | 263 | 115 | 58 |
| 76/ 75 | 2.4 | 9.4 | 4.7 | 1.2 | | | | | | | | | | | | | | 444 | 444 | 307 | 248 |
| 74/ 73 | 5.0 | 10.8 | 2.8 | .8 | .1 | | | | | | | | | | | | | 502 | 502 | 527 | 483 |
| 72/ 71 | 3.5 | 6.6 | 2.8 | .6 | .1 | | | | | | | | | | | | | 396 | 396 | 525 | 543 |
| 70/ 69 | 4.1 | 5.2 | 1.7 | .4 | .0 | | | | | | | | | | | | | 287 | 287 | 346 | 358 |
| 68/ 67 | 1.9 | 3.4 | 1.6 | .5 | .3 | | | | | | | | | | | | | 192 | 192 | 246 | 270 |
| 66/ 65 | .7 | 2.1 | .9 | .2 | | .0 | | | | | | | | | | | | 100 | 100 | 138 | 170 |
| 64/ 63 | .7 | 1.9 | .4 | .2 | .0 | | | | | | | | | | | | | 61 | 61 | 111 | 111 |
| 62/ 61 | .3 | .8 | .2 | .1 | | | | | | | | | | | | | | 42 | 42 | 92 | 110 |
| 60/ 59 | .3 | .4 | .0 | | | | | | | | | | | | | | | 30 | 30 | 51 | 80 |
| 58/ 57 | .1 | .0 | .0 | | | | | | | | | | | | | | | 5 | 5 | 17 | 24 |
| 56/ 55 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 8 | 18 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 3 | 7 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 4 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 23.4 | 47.6 | 22.2 | 5.7 | 1.1 | .1 | | | | | | | | | | | | 2502 | 2502 | | 2502 |
| | | | | | | | | | | | | | | | | | | 2502 | | 2502 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 21271423 | 229979 | 91.9 | 7.270 | 2502 | | | | | | | |
| Dry Bulb | 13157142 | 181086 | 72.4 | 4.506 | 2502 | | | 83.3 | 50.7 | 3.2 | | 93 |
| Wet Bulb | 12525515 | 176677 | 70.6 | 4.453 | 2502 | | | 77.4 | 35.9 | .1 | | 93 |
| Dew Point | 12251032 | 174672 | 69.8 | 4.760 | 2502 | | | 73.4 | 29.9 | .1 | | 93 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-71 YEARS | AUG MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | .3 | | | .0 | | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | .4 | .3 | | | | | | | | | | | | | 16 | 16 | | |
| 84/ 83 | | .0 | .7 | 2.0 | 1.1 | .1 | | | | | | | | | | | | 96 | 54 | 1 | |
| 82/ 81 | .0 | .6 | 3.0 | 2.7 | 1.0 | .1 | .0 | .0 | | | | | | | | | | 184 | 184 | 5 | 4 |
| 80/ 79 | .2 | 2.5 | 6.3 | 3.1 | .6 | .2 | | | | | | | | | | | | 319 | 319 | 74 | 27 |
| 78/ 77 | .6 | 4.9 | 5.4 | 1.7 | .5 | .0 | | | | | | | | | | | | 330 | 330 | 248 | 113 |
| 76/ 75 | 1.4 | 9.8 | 5.3 | 1.4 | .6 | .1 | .0 | .0 | | | | | | | | | | 466 | 466 | 479 | 341 |
| 74/ 73 | 2.3 | 7.2 | 3.2 | 1.3 | .2 | .1 | | | | | | | | | | | | 362 | 362 | 526 | 579 |
| 72/ 71 | 2.3 | 4.9 | 2.1 | 1.3 | .2 | .2 | .0 | | | | | | | | | | | 275 | 275 | 409 | 465 |
| 70/ 69 | 1.2 | 3.3 | 2.0 | .7 | .3 | .1 | | | | | | | | | | | | 190 | 190 | 257 | 297 |
| 68/ 67 | .5 | 1.6 | 1.5 | .4 | .2 | | | | | | | | | | | | | 104 | 104 | 175 | 219 |
| 66/ 65 | .2 | 1.2 | .8 | .3 | .1 | | | | | | | | | | | | | 66 | 66 | 111 | 136 |
| 64/ 63 | .1 | 1.1 | .1 | .1 | .0 | | | | | | | | | | | | | 38 | 38 | 91 | 119 |
| 62/ 61 | .1 | .6 | .3 | .2 | .0 | | | | | | | | | | | | | 32 | 32 | 64 | 85 |
| 60/ 59 | .1 | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 33 | 39 |
| 58/ 57 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 33 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 7 | 19 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 3 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.5 | 38.0 | 31.0 | 15.3 | 5.1 | .8 | .1 | .1 | | | | | | | | | | | 2490 | | 2490 |
| | | | | | | | | | | | | | | | | | | 2490 | | 2490 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel Hum | 19056946 | 216752 | 87.0 | 3.712 | 2490 |
| Dry Bulb | 14030424 | 166514 | 74.9 | 4.891 | 2490 |
| Wet Bulb | 12954464 | 179246 | 72.0 | 4.535 | 2490 |
| Dew Point | 12436956 | 175908 | 70.6 | 4.902 | 2490 |

Mean No. of Hours with Temperature

| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | > 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel Hum | | | 87.6 | 66.4 | 15.8 | | 93 |
| Dry Bulb | | | 81.2 | 49.8 | 1.0 | | 93 |
| Wet Bulb | | | 76.3 | 39.7 | .2 | | 93 |
| Dew Point | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-46,49-71 YEARS — AUG MONTH

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 100/ 99 | | | | | | | | | | | | | .0 | | | | | 1 | 1 | | |
| 98/ 97 | | | | | | | | | | | | .1 | .0 | | | | | 3 | 3 | | |
| 96/ 95 | | | | | | | | .5 | | .0 | | | | | | | | 2 | 2 | | |
| 94/ 93 | | | | | | | .0 | .1 | .2 | .1 | | .0 | | | | | | 12 | 12 | | |
| 92/ 91 | | | | | .1 | .3 | .6 | .2 | .1 | .0 | | | | | | | | 34 | 34 | | |
| 90/ 89 | | | | .1 | .5 | 1.9 | 1.7 | .4 | .1 | | | | | | | | | 116 | 116 | | |
| 88/ 87 | | | | .7 | 2.7 | 4.0 | 2.3 | .3 | .1 | | | | | | | | | 265 | 265 | | |
| 86/ 85 | | | .5 | 2.5 | 7.8 | 4.7 | 1.5 | .4 | .2 | | | | | | | | | 438 | 438 | | |
| 84/ 83 | | .0 | .7 | 5.7 | 7.3 | 3.1 | 1.1 | .3 | .3 | .1 | .1 | | | | | | | 468 | 468 | 9 | |
| 82/ 81 | | .0 | 1.8 | 5.2 | 4.1 | 2.2 | 1.4 | .5 | .2 | .1 | | | | | | | | 384 | 384 | 75 | 10 |
| 80/ 79 | | .6 | 3.0 | 3.3 | 2.5 | 1.5 | .9 | .4 | .3 | .1 | | | | | | | | 313 | 313 | 283 | 56 |
| 78/ 77 | .1 | 1.4 | 1.7 | 1.5 | 1.2 | .9 | .4 | .2 | .0 | | | | | | | | | 185 | 185 | 639 | 196 |
| 76/ 75 | .4 | 1.1 | 1.0 | 1.0 | .6 | .4 | .2 | .2 | | | | | | | | | | 123 | 123 | 591 | 525 |
| 74/ 73 | .4 | .6 | .8 | .3 | .7 | .3 | | | | | | | | | | | | 75 | 75 | 327 | 590 |
| 72/ 71 | .1 | .4 | .5 | .3 | | .1 | .0 | | | | | | | | | | | 36 | 36 | 212 | 367 |
| 70/ 69 | | .2 | .2 | .2 | .1 | .2 | | | | | | | | | | | | 22 | 22 | 154 | 241 |
| 68/ 67 | | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 12 | 12 | 90 | 158 |
| 66/ 65 | .1 | | .3 | .0 | | | | | | | | | | | | | | 10 | 10 | 59 | 116 |
| 64/ 63 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 37 | 80 |
| 62/ 61 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 20 | 67 |
| 60/ 59 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 8 | 28 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 33 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 17 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 11 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.1 | 4.8 | 10.5 | 20.8 | 27.5 | 20.0 | 10.3 | 2.7 | 1.4 | .5 | .1 | .1 | .1 | | | | | 2504 | | 2504 | |
| | | | | | | | | | | | | | | | | | | 2504 | | 2504 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 12968652 | 178124 | 71.1 | 10.905 | 2504 |
| Dry Bulb | 17024214 | 206118 | 82.3 | 4.793 | 2504 |
| Wet Bulb | 14068421 | 187411 | 74.8 | 4.082 | 2504 |
| Dew Point | 12932038 | 179516 | 71.7 | 4.986 | 2504 |

Mean No. of Hours with Temperature

| Element (X) | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | 92.4 | 89.8 | 79.8 | .7 | 93 |
| Dry Bulb | | | 88.4 | 71.5 | 6.8 | | 93 |
| Wet Bulb | | | 79.6 | 51.2 | 1.0 | | 93 |
| Dew Point | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 68 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-46,49-71 — YEARS
AUG — MONTH
PAGE 1
1200-1400 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 102/101 | | | | | | | | | | | | | | .0 | .1 | | | 3 | 3 | | |
| 100/ 99 | | | | | | | | | | | | | | .0 | .0 | | | 2 | 2 | | |
| 98/ 97 | | | | | | | | | .0 | .1 | .0 | .0 | .0 | | | | | 7 | 7 | | |
| 96/ 95 | | | | | | | | .1 | .6 | .3 | | | | | | | | 25 | 25 | | |
| 94/ 93 | | | | | | .2 | .2 | .6 | .7 | .1 | | | | | | | | 46 | 46 | | |
| 92/ 91 | | | | .1 | .2 | .6 | 1.0 | .8 | .3 | .0 | | | | | | | | 75 | 75 | | |
| 90/ 89 | | | | .1 | 1.4 | 2.6 | 2.5 | .9 | .3 | .1 | | | | | | | | 199 | 199 | | |
| 88/ 87 | | | .1 | .9 | 5.7 | 5.5 | 2.0 | .7 | .2 | .0 | .1 | .0 | | | | | | 381 | 381 | 1 | |
| 86/ 85 | | .0 | .3 | 3.9 | 8.6 | 4.8 | 2.1 | 1.3 | .4 | .3 | .1 | | | | | | | 543 | 543 | 5 | 1 |
| 84/ 83 | | .0 | .8 | 4.2 | 5.1 | 4.3 | 2.2 | 1.0 | .6 | .2 | .2 | | | | | | | 404 | 464 | 20 | 3 |
| 82/ 81 | .0 | .2 | 1.2 | 3.3 | 3.3 | 2.1 | 1.3 | 1.0 | .4 | .1 | .0 | | | | | | | 320 | 320 | 135 | 20 |
| 80/ 79 | .0 | .6 | 1.3 | 2.1 | 1.3 | .9 | .9 | .5 | .1 | .0 | | | | | | | | 195 | 195 | 466 | 87 |
| 78/ 77 | .1 | .5 | 1.0 | .4 | .2 | .3 | .4 | .2 | | | | | | | | | | 78 | 78 | 612 | 306 |
| 76/ 75 | .1 | .6 | .6 | .4 | | .2 | .2 | | | | | | | | | | | 55 | 55 | 444 | 486 |
| 74/ 73 | .2 | .6 | .4 | .3 | .0 | .1 | | | | | | | | | | | | 39 | 39 | 306 | 495 |
| 72/ 71 | .2 | .6 | .2 | .1 | .1 | | .1 | | | | | | | | | | | 29 | 29 | 217 | 362 |
| 70/ 69 | .0 | .3 | .1 | .1 | | | .0 | | | | | | | | | | | 13 | 13 | 125 | 232 |
| 68/ 67 | | .0 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 78 | 142 |
| 66/ 65 | | .0 | .2 | | | | | | | | | | | | | | | 5 | 5 | 43 | 120 |
| 64/ 63 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 25 | 72 |
| 62/ 61 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 56 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 3 | 47 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 29 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 13 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 0 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 8 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | .7 | 3.5 | 6.3 | 15.9 | 26.0 | 21.6 | 13.1 | 7.0 | 3.7 | 1.4 | .4 | .1 | .0 | .1 | .1 | | | | 2488 | | 2488 |
| | | | | | | | | | | | | | | | | | | 2488 | | 2488 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11802262 | 168924 | 67.9 | 11.573 | 2488 | | | | | | | |
| Dry Bulb | 17715049 | 209613 | 84.2 | 4.713 | 2488 | | | 92.7 | 90.9 | 82.3 | 3.1 | 93 |
| Wet Bulb | 14281478 | 188234 | 75.7 | 4.026 | 2488 | | | 90.0 | 74.3 | 13.5 | | 93 |
| Dew Point | 12984113 | 179271 | 72.1 | 5.185 | 2488 | | | 79.8 | 52.3 | 1.8 | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-46,49-71 YEARS — AUG MONTH

 — 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 99/ 97 | | | | | | | | | | .1 | .0 | | .1 | | | | | 6 | 6 | | |
| 96/ 95 | | | | | | | | | .2 | .1 | .0 | | | | | | | 10 | 10 | | |
| 94/ 93 | | | | | | | .1 | .4 | .1 | .1 | | .0 | | | | | | 19 | 19 | | |
| 92/ 91 | | | | | .1 | .4 | .7 | .3 | .2 | | | .0 | | | | | | 44 | 44 | | |
| 90/ 89 | | | | .2 | .6 | 1.0 | 1.1 | .4 | .2 | .1 | | .0 | | | | | | 90 | 90 | | |
| 88/ 87 | | | .2 | 1.0 | 3.6 | 2.8 | 1.0 | .5 | .1 | | | .0 | | | | | | 232 | 232 | | |
| 86/ 85 | | .0 | .4 | 4.4 | 7.5 | 3.9 | 1.0 | .5 | .2 | .1 | .0 | | | | | | | 451 | 451 | 1 | |
| 84/ 83 | | .2 | 2.3 | 7.2 | 6.4 | 3.0 | 1.9 | .7 | .4 | .1 | .0 | | | | | | | 553 | 553 | 19 | 9 |
| 82/ 81 | .1 | .4 | 3.0 | 6.0 | 4.3 | 2.7 | 1.4 | 1.0 | .2 | | | | | | | | | 477 | 477 | 111 | 14 |
| 80/ 79 | .3 | .8 | 2.5 | 2.9 | 2.0 | 1.8 | .9 | .3 | .0 | | | | | | | | | 283 | 283 | 393 | 91 |
| 78/ 77 | .2 | 1.1 | 1.5 | 1.1 | .7 | .6 | .6 | .0 | .0 | | | | | | | | | 146 | 146 | 633 | 350 |
| 76/ 75 | .1 | 1.2 | .8 | .5 | .2 | .3 | .2 | | | | | | | | | | | 82 | 82 | 490 | 501 |
| 74/ 73 | .2 | .9 | .5 | .4 | .1 | | .0 | | | | | | | | | | | 49 | 49 | 332 | 503 |
| 72/ 71 | .5 | .4 | .2 | .0 | | .0 | .3 | | | | | | | | | | | 32 | 32 | 232 | 347 |
| 70/ 69 | .1 | .1 | .1 | .2 | | | | | | | | | | | | | | 13 | 13 | 139 | 218 |
| 68/ 67 | .2 | .0 | .1 | .1 | | | | | | | | | | | | | | 10 | 10 | 88 | 152 |
| 66/ 65 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | 38 | 119 |
| 64/ 63 | .1 | | | | | | | | | | | | | | | | | 2 | 2 | 14 | 72 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 6 | 63 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | 1 | 41 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 11 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 7 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 3 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 1.7 | 5.2 | 11.6 | 24.0 | 25.4 | 16.4 | 8.9 | 4.2 | 1.7 | .8 | .2 | .2 | .1 | | | | | 2503 | | 2503 | |
| | | | | | | | | | | | | | | | | | | 2503 | | 2503 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 13257386 | 179890 | 71.9 | 11.463 | 2503 | | | | | | | |
| Dry Bulb | 17197644 | 207186 | 82.8 | 4.371 | 2503 | | | 92.8 | 90.7 | 76.7 | 1.3 | 93 |
| Wet Bulb | 14285580 | 188856 | 75.5 | 3.796 | 2503 | | | 90.9 | 73.8 | 10.7 | | 93 |
| Dew Point | 13175482 | 181196 | 72.4 | 4.832 | 2503 | | | 81.2 | 54.5 | 1.9 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-46,49-72 — YEARS
AUG — MONTH
PAGE 1
1800-2000 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | .1 | | | | | | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | .0 | .2 | .2 | .0 | | .0 | | | | | | | | 12 | 12 | | |
| 88/ 87 | | | .1 | .0 | .4 | .2 | .2 | .1 | | | | | | | | | | 23 | 23 | | |
| 86/ 85 | | .1 | .4 | .9 | 1.9 | .7 | .1 | | | | | | | | | | | 103 | 103 | | |
| 84/ 83 | .0 | .2 | 2.4 | 5.1 | 2.7 | .4 | | .1 | | | | | | | | | | 272 | 272 | 8 | 3 |
| 82/ 81 | | 1.6 | 8.0 | 7.4 | 2.5 | .3 | .4 | .1 | .0 | | | | | | | | | 514 | 514 | 35 | 12 |
| 80/ 79 | .1 | 3.0 | 7.6 | 6.8 | 3.7 | 1.4 | .3 | .1 | | | | | | | | | | 574 | 574 | 197 | 70 |
| 78/ 77 | .2 | 2.6 | 5.9 | 3.1 | 2.3 | 1.1 | .2 | .0 | | | | | | | | | | 388 | 388 | 553 | 257 |
| 76/ 75 | .7 | 3.6 | 2.9 | 2.0 | 1.2 | .5 | | | | | | | | | | | | 275 | 275 | 509 | 512 |
| 74/ 73 | .8 | 2.7 | 1.3 | 1.0 | .7 | .2 | | | | | | | | | | | | 168 | 168 | 493 | 519 |
| 72/ 71 | .6 | 1.1 | .8 | .7 | .2 | .0 | | | | | | | | | | | | 85 | 85 | 299 | 392 |
| 70/ 69 | .4 | .4 | .5 | .3 | .1 | | | | | | | | | | | | | 42 | 42 | 196 | 253 |
| 68/ 67 | .2 | .1 | .5 | .1 | | | | | | | | | | | | | | 23 | 23 | 106 | 182 |
| 66/ 65 | .2 | .1 | .1 | | | | | | | | | | | | | | | 10 | 10 | 65 | 126 |
| 64/ 63 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 27 | 82 |
| 62/ 61 | | | | | | | | | | | | | | | | | | | | 7 | 56 |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | 21 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | 9 |
| TOTAL | 3.4 | 15.6 | 30.4 | 27.5 | 15.8 | 5.4 | 1.4 | .4 | .0 | .0 | .0 | | | | | | | | 2494 | | 2494 |
| | | | | | | | | | | | | | | | | | | 2494 | | 2495 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16355274 | 200438 | 80.4 | 9.814 | 2493 | | | | | | | |
| Dry Bulb | 15599456 | 196992 | 79.0 | 3.994 | 2494 | | | 92.6 | 57.0 | 47.0 | .0 | 93 |
| Wet Bulb | 13787213 | 185237 | 74.2 | 3.731 | 2495 | | | 89.3 | 66.9 | 4.0 | | 93 |
| Dew Point | 13055938 | 180114 | 72.2 | 4.397 | 2494 | | | 82.0 | 51.2 | 1.3 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | AUG MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 88/ 87 | | | | | | .0 | .0 | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | | .1 | .0 | | | | | | | | | | | | 3 | 3 | | |
| 84/ 83 | .0 | .2 | .4 | 1.0 | .0 | .0 | | | | | | | | | | | | 43 | 43 | 1 | |
| 82/ 81 | .2 | 1.3 | 4.6 | 4.0 | .3 | | | | | | | | | | | | | 261 | 261 | 11 | 1 |
| 80/ 79 | .3 | 5.4 | 10.4 | 3.5 | 1.0 | .2 | .0 | | | | | | | | | | | 521 | 522 | 71 | 26 |
| 78/ 77 | .2 | 6.9 | 7.0 | 3.4 | 1.2 | .2 | | | | | | | | | | | | 474 | 474 | 370 | 189 |
| 76/ 75 | 1.0 | 6.5 | 4.5 | 1.7 | 1.2 | .2 | | | | | | | | | | | | 378 | 378 | 584 | 453 |
| 74/ 73 | 2.1 | 6.1 | 3.1 | 1.1 | .6 | | | | | | | | | | | | | 324 | 324 | 476 | 564 |
| 72/ 71 | 1.1 | 4.7 | 1.5 | .9 | .4 | | | | | | | | | | | | | 215 | 215 | 391 | 412 |
| 70/ 69 | 1.2 | 2.3 | 1.4 | .8 | .2 | .1 | | | | | | | | | | | | 149 | 149 | 249 | 336 |
| 68/ 67 | .4 | 1.2 | 1.0 | .3 | .0 | | | | | | | | | | | | | 72 | 72 | 152 | 167 |
| 66/ 65 | .3 | .8 | .4 | .1 | | | | | | | | | | | | | | 41 | 41 | 106 | 140 |
| 64/ 63 | .2 | .3 | .2 | .0 | | | | | | | | | | | | | | 18 | 18 | 62 | 99 |
| 62/ 61 | .1 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 25 | 61 |
| 60/ 59 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 8 | 30 |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | 6 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 7.2 | 35.7 | 34.5 | 16.9 | 4.9 | .8 | .1 | | | | | | | | | | | 2507 | 2508 | 2507 | 2507 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18958360 | 217006 | 86.6 | 8.340 | 2507 | | | | | | | |
| Dry Bulb | 14543547 | 190695 | 76.0 | 4.195 | 2508 | | | 90.6 | 74.4 | 21.4 | | 93 |
| Wet Bulb | 13378740 | 182868 | 72.9 | 3.986 | 2507 | | | 85.5 | 56.1 | 1.2 | | 93 |
| Dew Point | 12897461 | 179483 | 71.6 | 4.367 | 2507 | | | 80.1 | 46.1 | .8 | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-71 (YEARS) SEP (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 84/ 83 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 82/ 81 | | | .3 | .4 | .0 | | | | | | | | | | | | | 19 | 19 | | |
| 80/ 79 | .0 | .6 | 1.7 | 1.5 | .1 | | | | | | | | | | | | | 95 | 95 | 2 | 1 |
| 78/ 77 | .2 | 2.4 | 2.9 | 1.3 | .5 | .0 | | | | | | | | | | | | 176 | 176 | 40 | 19 |
| 76/ 75 | 1.0 | 4.4 | 2.5 | 1.2 | .3 | .1 | | | | | | | | | | | | 229 | 229 | 165 | 115 |
| 74/ 73 | 2.5 | 6.1 | 3.3 | .4 | .3 | | | | | | | | | | | | | 306 | 306 | 306 | 243 |
| 72/ 71 | 4.3 | 5.7 | 3.4 | .7 | .2 | .0 | | | | | | | | | | | | 345 | 345 | 363 | 362 |
| 70/ 69 | 3.2 | 5.6 | 2.7 | .9 | .2 | | .0 | | | | | | | | | | | 306 | 306 | 329 | 315 |
| 68/ 67 | 1.9 | 2.9 | 3.4 | .9 | .3 | | | | | | | | | | | | | 226 | 226 | 257 | 260 |
| 66/ 65 | 1.1 | 3.8 | 2.7 | 1.1 | .2 | | | | | | | | | | | | | 214 | 214 | 176 | 185 |
| 64/ 63 | 1.1 | 2.3 | 2.2 | 1.0 | .0 | | | | | | | | | | | | | 159 | 159 | 215 | 181 |
| 62/ 61 | .5 | 2.2 | 1.4 | .5 | .1 | | | | | | | | | | | | | 115 | 115 | 151 | 162 |
| 60/ 59 | .5 | 1.5 | 1.0 | .7 | .1 | | | | | | | | | | | | | 90 | 90 | 161 | 150 |
| 58/ 57 | .3 | 1.1 | .9 | .5 | | | | | | | | | | | | | | 71 | 71 | 89 | 130 |
| 56/ 55 | .2 | .4 | .3 | .1 | .0 | | | | | | | | | | | | | 31 | 31 | 68 | 108 |
| 54/ 53 | .1 | .2 | .2 | .2 | | | | | | | | | | | | | | 19 | 19 | 44 | 51 |
| 52/ 51 | .2 | .2 | .2 | .0 | | | | | | | | | | | | | | 14 | 14 | 31 | 42 |
| 50/ 49 | .1 | .0 | .0 | | .0 | | | | | | | | | | | | | 5 | 5 | 10 | 40 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 12 | 14 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 1 | 11 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 1 | 4 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 17.3 | 39.3 | 29.3 | 11.3 | 2.5 | .2 | .0 | | | | | | | | | | | 2421 | 2421 | 2421 | 2421 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19200135 | 214481 | 88.6 | 9.065 | 2421 | | | | | | | |
| Dry Bulb | 11767389 | 168125 | 69.4 | 6.167 | 2421 | | | 63.3 | 30.7 | 2.5 | | 90 |
| Wet Bulb | 10988203 | 162381 | 67.1 | 6.334 | 2421 | | | 54.3 | 19.1 | | | 90 |
| Dew Point | 10600123 | 159303 | 65.8 | 6.980 | 2421 | | | 49.6 | 14.1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | SEP MONTH

PAGE 1 | 0300-0500 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .0 | .1 | .0 | | | | | | | | | | | | | 5 | 5 | | |
| 80/ 79 | | .3 | 1.0 | .7 | .2 | | | | | | | | | | | | | 53 | 53 | | |
| 78/ 77 | .2 | 1.5 | 1.6 | .5 | .2 | | .0 | | | | | | | | | | | 99 | 99 | 25 | 14 |
| 76/ 75 | .9 | 2.8 | 1.8 | .5 | .1 | | | | | | | | | | | | | 149 | 149 | 111 | 77 |
| 74/ 73 | 2.9 | 5.0 | 1.9 | .3 | .2 | | | | | | | | | | | | | 251 | 251 | 221 | 185 |
| 72/ 71 | 4.9 | 5.6 | 2.4 | .2 | .0 | | | | | | | | | | | | | 317 | 317 | 308 | 306 |
| 70/ 69 | 5.6 | 6.6 | 2.3 | .4 | .1 | | | | | | | | | | | | | 365 | 365 | 371 | 331 |
| 68/ 67 | 3.2 | 3.7 | 2.9 | .8 | | | | | | | | | | | | | | 258 | 258 | 260 | 292 |
| 66/ 65 | 2.9 | 3.9 | 2.6 | .6 | .2 | | | | | | | | | | | | | 249 | 249 | 209 | 220 |
| 64/ 63 | 1.2 | 4.2 | 2.2 | .6 | .1 | | | | | | | | | | | | | 202 | 202 | 213 | 181 |
| 62/ 61 | .7 | 2.9 | 2.0 | .5 | .1 | .0 | | | | | | | | | | | | 152 | 152 | 204 | 167 |
| 60/ 59 | .5 | 2.3 | .8 | .2 | .1 | | | | | | | | | | | | | 94 | 94 | 141 | 177 |
| 58/ 57 | .5 | 1.6 | 1.2 | .4 | | | | | | | | | | | | | | 89 | 89 | 117 | 135 |
| 56/ 55 | .4 | 1.2 | .5 | .3 | | | | | | | | | | | | | | 81 | 81 | 91 | 118 |
| 54/ 53 | .1 | .7 | .2 | .3 | | | | | | | | | | | | | | 31 | 31 | 65 | 68 |
| 52/ 51 | .1 | .3 | .1 | | | | | | | | | | | | | | | 14 | 14 | 48 | 51 |
| 50/ 49 | .1 | .1 | .2 | | | | | | | | | | | | | | | 10 | 10 | 18 | 49 |
| 48/ 47 | .1 | .2 | .0 | | | | | | | | | | | | | | | 8 | 8 | 13 | 22 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | 9 | 15 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 1 | 12 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 24.9 | 42.9 | 24.5 | 6.4 | 1.2 | .0 | .0 | | | | | | | | | | | 2427 | 2427 | 2427 | 2427 |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 20149157 | 220217 | 90.7 | 8.309 | 2427 | | | | | | | |
| Dry Bulb | 11232158 | 164404 | 67.7 | 6.274 | 2427 | | | 55.5 | 20.7 | .9 | | 90 |
| Wet Bulb | 10638662 | 159904 | 65.9 | 6.526 | 2427 | | | 43.1 | 13.3 | | | 90 |
| Dew Point | 10325225 | 157355 | 64.8 | 7.123 | 2427 | | | 44.7 | 10.2 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)

PAGE 1 0600-0800 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 85/ 85 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 84/ 83 | | | .2 | .4 | .2 | | .0 | | | | | | | | | | | 22 | 22 | | |
| 82/ 81 | | .1 | 1.1 | 1.3 | .2 | .2 | | | | | | | | | | | | 69 | 69 | | |
| 80/ 79 | | .9 | 2.4 | 1.0 | .4 | .1 | | | | | | | | | | | | 118 | 118 | 10 | 3 |
| 78/ 77 | .1 | 2.1 | 3.0 | .8 | .3 | .0 | | | | | | | | | | | | 160 | 160 | 92 | 33 |
| 76/ 75 | 1.0 | 3.8 | 2.8 | 1.4 | .4 | .0 | | | | | | | | | | | | 236 | 236 | 189 | 144 |
| 74/ 73 | 2.0 | 4.6 | 3.0 | .9 | .2 | .0 | | | | | | | | | | | | 270 | 270 | 271 | 253 |
| 72/ 71 | 2.7 | 5.1 | 2.6 | .7 | .2 | .0 | .0 | | | | | | | | | | | 287 | 287 | 312 | 292 |
| 70/ 69 | 3.0 | 5.2 | 2.7 | 1.0 | .2 | .0 | | | | | | | | | | | | 333 | 334 | 335 | 343 |
| 68/ 67 | 1.6 | 3.3 | 3.5 | .9 | .3 | .1 | | | | | | | | | | | | 242 | 242 | 250 | 270 |
| 66/ 65 | 1.3 | 3.7 | 2.7 | 1.2 | .3 | .0 | | | | | | | | | | | | 230 | 230 | 208 | 188 |
| 64/ 63 | .8 | 2.7 | 2.3 | 1.1 | .2 | .1 | | | | | | | | | | | | 175 | 175 | 213 | 170 |
| 62/ 61 | .2 | 2.0 | 1.1 | .7 | .2 | .0 | | | | | | | | | | | | 104 | 104 | 168 | 189 |
| 60/ 59 | .4 | 1.6 | 1.0 | .6 | .2 | .0 | | | | | | | | | | | | 94 | 94 | 150 | 161 |
| 58/ 57 | .2 | 1.0 | .8 | .4 | | | | | | | | | | | | | | 60 | 60 | 93 | 132 |
| 56/ 55 | .1 | 1.0 | .6 | .1 | .1 | | | | | | | | | | | | | 49 | 49 | 78 | 99 |
| 54/ 53 | .2 | .5 | .2 | .0 | | | | | | | | | | | | | | 21 | 21 | 66 | 76 |
| 52/ 51 | .0 | .4 | .2 | .2 | | | | | | | | | | | | | | 19 | 19 | 32 | 49 |
| 50/ 49 | .0 | .1 | .1 | .0 | | | | | | | | | | | | | | 7 | 7 | 13 | 44 |
| 48/ 47 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 12 | 27 |
| 46/ 45 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 8 | 12 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 3 | 6 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 9 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 2 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 14.1 | 38.1 | 30.3 | 13.3 | 3.3 | .0 | .1 | | | | | | | | | | | | 2504 | | 2503 |
| | | | | | | | | | | | | | | | | | | 2503 | | 2503 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19324768 | 218712 | 87.4 | 9.243 | 2503 | | | | | | | |
| Dry Bulb | 12228090 | 174174 | 69.6 | 6.714 | 2504 | | | 62.5 | 31.5 | 5.1 | | 90 |
| Wet Bulb | 11329419 | 167549 | 66.9 | 6.744 | 2503 | | | 52.5 | 20.2 | .1 | | 90 |
| Dew Point | 10875142 | 163954 | 65.5 | 7.364 | 2503 | | | 48.1 | 15.6 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | SEP MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .0 | | | | | | | | | 1 | 1 | | |
| 94/ 93 | | | | | | | | .0 | .0 | | | | | | | | | 2 | 2 | | |
| 92/ 91 | | | | | | | .0 | .2 | | | | | | | | | | 5 | 5 | | |
| 90/ 89 | | | | | | .2 | .2 | .2 | .0 | | | | | | | | | 18 | 18 | | |
| 88/ 87 | | | | .1 | .6 | .9 | .8 | .3 | .1 | | | | | | | | | 68 | 68 | | |
| 86/ 85 | | | .0 | 1.0 | 3.0 | 2.8 | .7 | .4 | .1 | | .0 | | | | | | | 201 | 201 | | |
| 84/ 83 | | | .8 | 2.9 | 4.8 | 2.8 | 1.0 | .6 | .2 | .0 | .0 | | | | | | | 325 | 325 | | |
| 82/ 81 | | | 1.7 | 4.6 | 3.3 | 2.5 | 1.2 | .4 | .4 | .1 | | | | | | | | 354 | 354 | 5 | |
| 80/ 79 | .0 | .3 | 1.6 | 2.8 | 3.2 | 2.0 | 1.5 | .8 | .3 | | | | | | | | | 313 | 313 | 95 | 11 |
| 78/ 77 | .1 | 1.4 | 2.3 | 2.3 | 2.4 | 1.6 | 1.0 | .6 | .1 | | | | | | | | | 291 | 291 | 284 | 75 |
| 76/ 75 | .2 | 1.2 | 1.4 | 1.4 | 1.4 | 1.7 | .7 | .3 | | | | | | | | | | 208 | 208 | 414 | 238 |
| 74/ 73 | .2 | 1.0 | 1.0 | 1.7 | 1.4 | 1.4 | .6 | .3 | .1 | | | | | | | | | 197 | 197 | 341 | 346 |
| 72/ 71 | .3 | .8 | 1.2 | 1.3 | 1.9 | .8 | .4 | .3 | | | | | | | | | | 174 | 174 | 284 | 316 |
| 70/ 69 | .3 | .6 | .8 | 1.1 | 1.1 | .8 | .3 | .0 | | | | | | | | | | 124 | 124 | 233 | 271 |
| 68/ 67 | .2 | .4 | .8 | .5 | .7 | .8 | .4 | .0 | | | | | | | | | | 91 | 91 | 208 | 232 |
| 66/ 65 | .2 | .6 | .6 | .5 | .4 | .2 | .2 | | | | | | | | | | | 65 | 65 | 210 | 199 |
| 64/ 63 | .0 | .2 | .2 | .3 | .2 | .2 | .0 | .0 | | | | | | | | | | 28 | 28 | 169 | 146 |
| 62/ 61 | .0 | .0 | .2 | .2 | .2 | .0 | .1 | | | | | | | | | | | 19 | 19 | 91 | 181 |
| 60/ 59 | | .1 | .0 | .1 | .2 | .0 | .0 | | | | | | | | | | | 11 | 11 | 68 | 129 |
| 58/ 57 | | .1 | .0 | | | .0 | | | | | | | | | | | | 4 | 4 | 55 | 113 |
| 56/ 55 | | .1 | .0 | | | | | | | | | | | | | | | 3 | 3 | 18 | 74 |
| 54/ 53 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 16 | 69 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 9 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 3 | 19 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 1 | 19 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 14 |
| [illegible] | | | | | | | | | | | | | | | | | | | | | 4 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 4 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 4 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.8 | 6.6 | 12.7 | 21.0 | 24.3 | 18.6 | 9.1 | 4.4 | 1.4 | .1 | .1 | | | | | | | 2503 | 2503 | | 2503 |
| | | | | | | | | | | | | | | | | | | 2503 | | 2503 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12021366 | 176382 | 70.5 | 12.518 | 2503 | | | | | | | |
| Dry Bulb | 15225441 | 194599 | 77.7 | 6.197 | 2503 | | | 85.3 | 71.3 | 41.5 | .1 | 90 |
| Wet Bulb | 12543629 | 176559 | 70.5 | 5.976 | 2503 | | | 67.0 | 41.0 | 1.2 | | 90 |
| Dew Point | 11352227 | 167569 | 66.9 | 7.317 | 2503 | | | 53.5 | 24.1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) | MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) | 43-46,49-72 (YEARS) | SEP (MONTH)

PAGE 1 | 1200-1400 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 98/ 97 | | | | | | | | | | | .1 | .0 | | | | | | 4 | 4 | | |
| 96/ 95 | | | | | | | | | .1 | .1 | | | | | | | | 4 | 4 | | |
| 94/ 93 | | | | | | | .0 | .1 | .2 | .1 | .0 | | | | | | | 11 | 11 | | |
| 92/ 91 | | | | | .0 | | .1 | .3 | .3 | .2 | | | | | | | | 22 | 22 | | |
| 90/ 89 | | | | | .2 | .3 | .5 | .7 | .1 | .2 | | .0 | | | | | | 31 | 51 | | |
| 88/ 87 | | | | .0 | 1.0 | 2.0 | 1.4 | .5 | .7 | .1 | .1 | | | | | | | 145 | 145 | | |
| 86/ 85 | | | .0 | 1.3 | 4.8 | 4.0 | 1.5 | 1.0 | .3 | .2 | .1 | | | | | | | 347 | 347 | | |
| 84/ 83 | | .0 | .5 | 4.2 | 5.0 | 3.9 | 2.4 | 1.5 | .8 | .3 | | | | | | | | 466 | 466 | 2 | |
| 82/ 81 | | .1 | .6 | 3.2 | 2.6 | 3.5 | 2.1 | 1.4 | .8 | .4 | | | | | | | | 369 | 369 | 14 | 3 |
| 80/ 79 | .1 | .3 | 1.2 | 1.8 | 2.3 | 2.3 | 2.0 | 1.3 | .5 | .1 | .0 | | | | | | | 300 | 300 | 145 | 15 |
| 78/ 77 | .1 | .3 | 1.2 | 1.3 | 1.8 | 1.7 | 1.5 | 1.0 | .3 | .0 | | | | | | | | 233 | 233 | 384 | 107 |
| 76/ 75 | .3 | 1.0 | .8 | .8 | .8 | 1.4 | 1.1 | .6 | .3 | .2 | | | | | | | | 186 | 186 | 396 | 250 |
| 74/ 73 | .3 | .5 | .4 | .5 | .9 | 1.2 | .4 | .7 | .3 | | | | | | | | | 130 | 130 | 337 | 365 |
| 72/ 71 | .3 | .2 | .4 | .6 | .5 | .5 | .5 | .4 | .2 | | | | | | | | | 89 | 89 | 302 | 300 |
| 70/ 69 | .1 | .3 | .3 | .3 | .4 | .2 | .2 | .2 | .1 | | | | | | | | | 43 | 43 | 233 | 253 |
| 68/ 67 | .2 | .5 | .5 | .2 | .3 | .2 | .0 | .1 | | | | | | | | | | 51 | 51 | 208 | 230 |
| 66/ 65 | .2 | .4 | .1 | .0 | .1 | .0 | .2 | | | | | | | | | | | 24 | 24 | 187 | 198 |
| 64/ 63 | .1 | .1 | | | | | .1 | | | | | | | | | | | 8 | 8 | 129 | 186 |
| 62/ 61 | | | .0 | .1 | | | | | | | | | | | | | | 3 | 3 | 56 | 149 |
| 60/ 59 | | .1 | .1 | | | | | | | | | | | | | | | 4 | 4 | 59 | 122 |
| 58/ 57 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 23 | 101 |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | 11 | 67 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 9 | 50 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | 2 | 29 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 30 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 14 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 8 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 6 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 3 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 4.0 | 6.0 | 15.4 | 20.7 | 21.2 | 14.1 | 9.8 | 4.8 | 1.9 | .4 | .1 | | | | | | | 2497 | | 2497 |
| | | | | | | | | | | | | | | | | | | 2497 | | 2497 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11234622 | 164060 | 65.7 | 13.508 | 2497 | | | | | | | |
| Dry Bulb | 16253167 | 200977 | 80.5 | 5.556 | 2497 | | | 88.5 | 81.7 | 57.1 | .7 | 90 |
| Wet Bulb | 12908993 | 179005 | 71.7 | 5.535 | 2497 | | | 72.8 | 46.1 | 2.3 | | 90 |
| Dew Point | 11469720 | 168242 | 67.4 | 7.326 | 2497 | | | 54.9 | 26.7 | .2 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | SEP MONTH



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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 96/ 95 | | | | | | | | | .0 | | .1 | | | | | | | 3 | 3 | | |
| 94/ 93 | | | | | | | | | .0 | .1 | .1 | | | | | | | 6 | 6 | | |
| 92/ 91 | | | | | | | | .0 | .1 | .1 | | | | | | | | 7 | 7 | | |
| 90/ 89 | | | | | | .1 | .2 | .2 | .1 | .1 | .1 | | | | | | | 21 | 21 | | |
| 88/ 87 | | | | | .5 | .6 | .4 | .3 | .2 | .3 | | .0 | | | | | | 53 | 53 | | |
| 86/ 85 | | | .0 | .9 | 2.3 | 1.9 | .9 | .6 | .2 | .3 | .1 | | | | | | | 181 | 181 | | |
| 84/ 83 | | .0 | .9 | 4.1 | 5.0 | 3.0 | 1.4 | .6 | .3 | .2 | | | | | | | | 391 | 391 | | |
| 82/ 81 | | .1 | 1.7 | 5.7 | 3.8 | 2.9 | 1.7 | 1.1 | .3 | .0 | | | | | | | | 436 | 436 | 4 | 1 |
| 80/ 79 | | .4 | 3.0 | 4.2 | 3.2 | 2.5 | 2.3 | .6 | .4 | .1 | | | | | | | | 427 | 427 | 100 | 7 |
| 78/ 77 | .1 | .9 | 2.0 | 1.7 | 2.4 | 1.8 | 1.4 | 1.0 | .2 | .0 | | | | | | | | 290 | 290 | 299 | 97 |
| 76/ 75 | .3 | 1.5 | 1.1 | 1.4 | 1.5 | 1.8 | 1.0 | .5 | .2 | | | | | | | | | 232 | 232 | 472 | 251 |
| 74/ 73 | .3 | 1.1 | .8 | .8 | 1.3 | 1.0 | .6 | .6 | .2 | | | | | | | | | 175 | 175 | 362 | 390 |
| 72/ 71 | .3 | .7 | .9 | .4 | .6 | .6 | .4 | .0 | .2 | | | | | | | | | 115 | 115 | 310 | 347 |
| 70/ 69 | .2 | .5 | .8 | .3 | .5 | .3 | .3 | .2 | .0 | | | | | | | | | 78 | 78 | 275 | 223 |
| 68/ 67 | .2 | .3 | .3 | .3 | .2 | .1 | .0 | .0 | | | | | | | | | | 39 | 39 | 221 | 250 |
| 66/ 65 | .1 | .4 | .2 | .2 | .0 | | .2 | | | | | | | | | | | 29 | 29 | 192 | 213 |
| 64/ 63 | .0 | .3 | .0 | | | | .0 | | | | | | | | | | | 10 | 10 | 113 | 173 |
| 62/ 61 | .0 | .0 | .1 | .1 | | | | | | | | | | | | | | 6 | 6 | 76 | 156 |
| 60/ 59 | .1 | .0 | .1 | | | | | | | | | | | | | | | 5 | 5 | 50 | 120 |
| 58/ 57 | | .0 | .0 | | | | | | | | | | | | | | | 2 | 2 | 18 | 104 |
| 56/ 55 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 6 | 65 |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | 9 | 38 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 28 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 16 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | 10 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 10 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 2.0 | 6.4 | 11.9 | 20.3 | 21.8 | 16.6 | 11.1 | 5.9 | 2.6 | 1.1 | .4 | .0 | | | | | | 2507 | | 2507 | |
| | | | | | | | | | | | | | | | | | | 2507 | | 2507 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel Hum | 12600777 | 174449 | 69.6 | 13.575 | 2507 | | | | | | | |
| Dry Bulb | 15734328 | 198184 | 79.1 | 5.187 | 2507 | | | 88.1 | 79.0 | 48.5 | .3 | 90 |
| Wet Bulb | 12868187 | 179139 | 71.5 | 5.198 | 2507 | | | 73.3 | 44.4 | 1.1 | | 90 |
| Dew Point | 11615111 | 169783 | 67.7 | 6.827 | 2507 | | | 56.2 | 26.8 | .1 | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) SEP (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 | 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 90/ 89 | | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | |
| 86/ 85 | | | | .1 | .3 | .1 | .0 | | | | | | | | | | | | 14 | 14 | | |
| 84/ 83 | | | .3 | .8 | .6 | .2 | .1 | .0 | | | | | | | | | | | 50 | 50 | | |
| 82/ 81 | | .2 | 2.4 | 2.2 | 1.1 | .7 | .0 | .1 | .0 | | | | | | | | | | 171 | 171 | | |
| 80/ 79 | | 1.7 | 5.1 | 5.4 | 1.9 | .6 | .3 | .0 | | | | | | | | | | | 374 | 374 | 29 | 6 |
| 78/ 77 | | 2.7 | 6.5 | 3.7 | 3.2 | .8 | .2 | .0 | | | | | | | | | | | 426 | 426 | 166 | 64 |
| 76/ 75 | .3 | 4.5 | 3.8 | 3.4 | 2.6 | 1.2 | .2 | | | | | | | | | | | | 405 | 405 | 358 | 235 |
| 74/ 73 | 1.1 | 3.2 | 1.6 | 2.0 | 1.5 | .6 | .2 | .1 | | | | | | | | | | | 260 | 260 | 470 | 362 |
| 72/ 71 | 1.2 | 2.2 | 1.7 | 1.9 | 1.4 | .4 | .2 | | | | | | | | | | | | 224 | 224 | 319 | 383 |
| 70/ 69 | .2 | 2.3 | 2.2 | 1.6 | .8 | .4 | .1 | | | | | | | | | | | | 190 | 190 | 280 | 261 |
| 68/ 67 | .1 | 1.5 | 1.9 | 1.4 | .6 | .2 | .0 | | | | | | | | | | | | 145 | 145 | 230 | 263 |
| 66/ 65 | .2 | .7 | 1.2 | .9 | .5 | .1 | .0 | | | | | | | | | | | | 92 | 92 | 209 | 201 |
| 64/ 63 | .2 | .8 | .5 | .4 | .3 | .1 | | | | | | | | | | | | | 58 | 58 | 159 | 189 |
| 62/ 61 | .0 | .6 | .2 | .3 | .1 | .1 | | | | | | | | | | | | | 34 | 34 | 110 | 147 |
| 60/ 59 | .1 | .5 | .5 | .0 | .0 | .0 | | | | | | | | | | | | | 32 | 32 | 72 | 187 |
| 58/ 57 | | .2 | .1 | .1 | | | | | | | | | | | | | | | 11 | 11 | 43 | 82 |
| 56/ 55 | | .1 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 31 | 45 |
| 54/ 53 | | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 11 | 45 |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | 7 | 27 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | 1 | 10 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | 6 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 3.7 | 21.2 | 28.3 | 24.4 | 15.1 | 5.4 | 1.5 | .4 | .0 | | | | | | | | | | | 2495 | | 2494 |
| | | | | | | | | | | | | | | | | | | | 2495 | | 2495 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16342961 | 199989 | 80.2 | 10.966 | 2493 | | | | | | | |
| Dry Bulb | 13911350 | 185800 | 74.5 | 5.485 | 2495 | | | 81.6 | 61.4 | 15.6 | | 90 |
| Wet Bulb | 12289810 | 174566 | 70.0 | 5.523 | 2495 | | | 66.8 | 36.9 | .2 | | 90 |
| Dew Point | 11542610 | 168912 | 67.7 | 6.417 | 2494 | | | 56.8 | 24.1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
43-46,49-72 — YEARS
SEP — MONTH



2100-2300 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 84/ 83 | | | | | .1 | | | | | | | | | | | | | 3 | 3 | | |
| 82/ 81 | | .2 | 1.0 | .8 | .5 | | | | | | | | | | | | | 01 | 61 | | |
| 80/ 79 | | .8 | 3.2 | 2.0 | .8 | .3 | .0 | | | | | | | | | | | 179 | 179 | 5 | 1 |
| 78/ 77 | .2 | 4.0 | 5.2 | 3.0 | 1.0 | .2 | | | | | | | | | | | | 337 | 337 | 91 | 46 |
| 76/ 75 | .8 | 4.2 | 3.7 | 2.5 | .9 | .4 | .0 | | | | | | | | | | | 311 | 311 | 267 | 159 |
| 74/ 73 | 1.4 | 5.6 | 3.8 | 1.5 | .8 | .2 | .1 | | | | | | | | | | | 344 | 344 | 356 | 307 |
| 72/ 71 | 2.4 | 4.3 | 2.7 | 1.4 | .6 | .1 | | | | | | | | | | | | 285 | 285 | 386 | 350 |
| 70/ 69 | 1.6 | 3.5 | 2.7 | 1.7 | .4 | .0 | .1 | | | | | | | | | | | 249 | 249 | 305 | 333 |
| 68/ 67 | .6 | 2.4 | 3.7 | 1.3 | .4 | | | | | | | | | | | | | 209 | 209 | 220 | 251 |
| 66/ 65 | .3 | 1.7 | 2.1 | .7 | .4 | .0 | | | | | | | | | | | | 132 | 132 | 198 | 186 |
| 64/ 63 | .6 | 1.7 | 1.8 | .9 | .3 | | | | | | | | | | | | | 133 | 133 | 202 | 189 |
| 62/ 61 | .4 | 1.7 | .8 | .5 | .1 | | | | | | | | | | | | | 84 | 85 | 146 | 175 |
| 60/ 59 | .3 | 1.4 | .7 | .4 | .2 | | | | | | | | | | | | | 74 | 74 | 116 | 172 |
| 58/ 57 | .1 | .6 | .4 | .2 | .0 | .0 | | | | | | | | | | | | 34 | 34 | 65 | 87 |
| 56/ 55 | | .4 | .2 | .2 | .0 | | | | | | | | | | | | | 24 | 24 | 52 | 79 |
| 54/ 53 | .0 | .2 | .2 | | | | | | | | | | | | | | | 11 | 11 | 31 | 51 |
| 52/ 51 | .0 | .0 | .1 | | | | | | | | | | | | | | | 5 | 5 | 21 | 38 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 12 | 21 |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 2 | 14 |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 9 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 9.3 | 32.9 | 32.2 | 17.1 | 6.9 | 1.4 | .2 | | | | | | | | | | | 2475 | 2476 | 2475 | 2475 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10236405 | 211039 | 85.3 | 9.879 | 2475 | | | | | | | |
| Dry Bulb | 12754723 | 177075 | 71.5 | 6.061 | 2476 | | | 71.9 | 44.9 | 5.2 | | 90 |
| Wet Bulb | 11652618 | 169158 | 68.3 | 6.073 | 2475 | | | 59.3 | 26.1 | .0 | | 90 |
| Dew Point | 11121138 | 165064 | 66.7 | 6.746 | 2475 | | | 52.6 | 18.7 | | | 90 |

USAFETAC FORM 201 64 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH

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

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | | .3 | .6 | .0 | | | | | | | | | | | | | | 24 | 24 | 7 | 1 |
| 76/ 75 | .2 | 1.0 | .8 | .1 | .1 | | | | | | | | | | | | | 51 | 51 | 19 | 11 |
| 74/ 73 | .5 | 1.0 | .6 | .5 | .2 | | | | | | | | | | | | | 84 | 85 | 54 | 44 |
| 72/ 71 | .5 | 2.0 | .6 | .4 | | | | | | | | | | | | | | 89 | 89 | 79 | 71 |
| 70/ 69 | 1.1 | 2.2 | 1.4 | .2 | | .0 | | | | | | | | | | | | 124 | 124 | 97 | 90 |
| 68/ 67 | 1.5 | 3.9 | 1.7 | .3 | .2 | | .1 | | | | | | | | | | | 197 | 198 | 144 | 121 |
| 66/ 65 | 1.6 | 3.9 | 1.6 | .4 | .2 | .1 | | | | | | | | | | | | 198 | 199 | 197 | 152 |
| 64/ 63 | 1.5 | 4.7 | 1.6 | .3 | .1 | .0 | | | | | | | | | | | | 206 | 206 | 182 | 204 |
| 62/ 61 | 1.3 | 4.6 | 1.6 | .8 | .2 | | | | | | | | | | | | | 213 | 215 | 207 | 193 |
| 60/ 59 | 1.8 | 3.9 | 1.7 | .7 | .2 | .0 | .0 | | | | | | | | | | | 211 | 212 | 213 | 207 |
| 58/ 57 | 1.4 | 2.8 | 1.4 | 1.0 | .4 | .2 | | | | | | | | | | | | 178 | 178 | 173 | 159 |
| 56/ 55 | 1.0 | 2.9 | 1.4 | 1.1 | .2 | .0 | .0 | | | | | | | | | | | 163 | 163 | 165 | 149 |
| 54/ 53 | .7 | 3.7 | 2.0 | .7 | .2 | .1 | | | | | | | | | | | | 183 | 183 | 142 | 144 |
| 52/ 51 | .8 | 1.8 | 1.3 | .5 | .2 | .1 | | | | | | | | | | | | 114 | 114 | 180 | 155 |
| 50/ 49 | .4 | 2.0 | 1.3 | .4 | .1 | .1 | | | | | | | | | | | | 105 | 105 | 141 | 140 |
| 48/ 47 | .8 | 1.7 | 1.2 | .1 | | | | | | | | | | | | | | 97 | 97 | 129 | 133 |
| 46/ 45 | .6 | 1.2 | .6 | .1 | .1 | | | | | | | | | | | | | 65 | 65 | 100 | 113 |
| 44/ 43 | .4 | 1.3 | .6 | .2 | .0 | | | | | | | | | | | | | 60 | 60 | 70 | 91 |
| 42/ 41 | .5 | 1.3 | .2 | .1 | | | | | | | | | | | | | | 55 | 55 | 78 | 102 |
| 40/ 39 | .8 | .6 | .2 | .1 | .1 | | | | | | | | | | | | | 43 | 43 | 53 | 83 |
| 38/ 37 | .3 | .5 | .2 | | .0 | | | | | | | | | | | | | 26 | 26 | 35 | 36 |
| 36/ 35 | .0 | .2 | .1 | | | | | | | | | | | | | | | 9 | 9 | 21 | 33 |
| 34/ 33 | .1 | .3 | | | | | | | | | | | | | | | | 10 | 10 | 14 | 27 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 9 | 21 |
| 30/ 29 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 2 | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 2 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 17.0 | 48.2 | 22.8 | 8.0 | 2.5 | .7 | .2 | | | | | | | | | | | | 2518 | | 2512 |
| | | | | | | | | | | | | | | | | | | 2512 | | 2512 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1[illegible]627848 | 220380 | 87.7 | 10.815 | 2512 | | | | | | | |
| Dry Bulb | 8928343 | 148601 | 59.0 | 9.319 | 2518 | | .1 | 21.2 | 6.1 | .1 | | 93 |
| Wet Bulb | 8347422 | 142836 | 56.9 | 9.478 | 2512 | | .4 | 14.8 | 3.0 | | | 93 |
| Dew Point | 7922130 | 138636 | 55.2 | 10.386 | 2512 | | 2.0 | 12.5 | 2.1 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-46,49-72 YEARS — OCT 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 O.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 80/ 79 | | .0 | .1 | | | | | | | | | | | | | | | 4 | 4 | | |
| 78/ 77 | .0 | .6 | .3 | | | | | | | | | | | | | | | 19 | 19 | 4 | 1 |
| 76/ 75 | .2 | .7 | .1 | .1 | | | | | | | | | | | | | | 28 | 28 | 22 | 15 |
| 74/ 73 | .3 | 1.3 | .4 | .2 | | | | | | | | | | | | | | 58 | 59 | 39 | 31 |
| 72/ 71 | .7 | 1.5 | .2 | .1 | | | | | | | | | | | | | | 81 | 81 | 54 | 65 |
| 70/ 69 | .7 | 2.1 | 1.0 | .1 | | .0 | | | | | | | | | | | | 98 | 102 | 77 | 66 |
| 68/ 67 | 1.1 | 3.6 | .8 | .2 | .0 | .0 | | | | | | | | | | | | 147 | 148 | 119 | 104 |
| 66/ 65 | 2.1 | 4.1 | 1.4 | .3 | .0 | | | | | | | | | | | | | 198 | 198 | 170 | 150 |
| 64/ 63 | 2.0 | 4.1 | 1.4 | .3 | .0 | | | | | | | | | | | | | 201 | 203 | 184 | 179 |
| 62/ 61 | 1.6 | 4.1 | 1.4 | .4 | .1 | .0 | | | | | | | | | | | | 188 | 189 | 187 | 173 |
| 60/ 59 | 2.2 | 4.7 | 1.2 | .5 | .1 | .0 | | | | | | | | | | | | 217 | 217 | 203 | 193 |
| 58/ 57 | 1.3 | 4.1 | 1.9 | .3 | .1 | .1 | | | | | | | | | | | | 209 | 209 | 197 | 192 |
| 56/ 55 | 1.0 | 2.4 | 1.6 | .6 | .2 | .0 | .0 | | | | | | | | | | | 164 | 164 | 178 | 172 |
| 54/ 53 | 1.0 | 2.5 | 1.7 | .3 | .2 | .1 | | | | | | | | | | | | 156 | 156 | 145 | 136 |
| 52/ 51 | .3 | 4.1 | 1.0 | .4 | | .0 | | | | | | | | | | | | 156 | 156 | 164 | 136 |
| 50/ 49 | .4 | 2.9 | 1.3 | .3 | .1 | .0 | | | | | | | | | | | | 136 | 136 | 152 | 157 |
| 48/ 47 | .3 | 2.1 | .5 | .3 | .2 | .0 | | | | | | | | | | | | 91 | 91 | 125 | 115 |
| 46/ 45 | .3 | 2.1 | .9 | .2 | .1 | | | | | | | | | | | | | 103 | 103 | 117 | 125 |
| 44/ 43 | .3 | 1.4 | .4 | .2 | | | | | | | | | | | | | | 59 | 59 | 91 | 105 |
| 42/ 41 | .0 | 1.3 | .4 | .1 | .0 | | | | | | | | | | | | | 3 | 60 | 78 | 88 |
| 40/ 39 | .4 | 1.4 | .5 | .0 | | | | | | | | | | | | | | 59 | 59 | 66 | 97 |
| 38/ 37 | .3 | .7 | .2 | .0 | | | | | | | | | | | | | | 41 | 41 | 57 | 63 |
| 36/ 35 | .1 | .5 | .2 | .1 | | | | | | | | | | | | | | 23 | 23 | 33 | 44 |
| 34/ 33 | | .3 | .0 | | | | | | | | | | | | | | | 8 | 8 | 20 | 33 |
| 32/ 31 | .1 | .1 | .0 | | | | | | | | | | | | | | | 7 | 7 | 14 | 24 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 4 | 21 |
| 28/ 27 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 |
| 26/ 25 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 20.5 | 52.9 | 19.4 | 5.6 | 1.2 | .5 | .0 | | | | | | | | | | | | 2514 | 2523 | 2514 | 2514 |

| Element (X) | $\Sigma x$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 95 F | Total |
| Rel. Hum. | 20212504 | 223984 | 89.1 | 10.107 | 2514 | | | | | | | |
| Dry Bulb | 8569074 | 145052 | 57.5 | 9.545 | 2523 | | .4 | 16.3 | 4.1 | .1 | | 93 |
| Wet Bulb | 8021432 | 139866 | 55.6 | 9.773 | 2514 | | .8 | 12.0 | 2.4 | | | 93 |
| Dew Point | 7654139 | 136099 | 54.1 | 10.672 | 2514 | | 2.7 | 10.4 | 1.7 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-46,49-72 YEARS — OCT MONTH

PAGE 1 — 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | .2 | .1 | .1 | | | | | | | | | | | | | 9 | 9 | | |
| 78/ 77 | .0 | .3 | .4 | .4 | .0 | | | | | | | | | | | | | 26 | 28 | 3 | 1 |
| 76/ 75 | .2 | .7 | .4 | .1 | .0 | .0 | | | | | | | | | | | | 38 | 38 | 22 | 14 |
| 74/ 73 | .3 | 1.6 | .9 | .3 | | | | | | | | | | | | | | 79 | 79 | 47 | 33 |
| 72/ 71 | 1.0 | 1.2 | .6 | .2 | .0 | | | | | | | | | | | | | 84 | 86 | 97 | 80 |
| 70/ 69 | .7 | 2.6 | .9 | .4 | .1 | | | | | | | | | | | | | 123 | 127 | 80 | 85 |
| 68/ 67 | 1.2 | 3.5 | 1.9 | .3 | .2 | | | | | | | | | | | | | 181 | 184 | 147 | 120 |
| 66/ 65 | 1.4 | 3.7 | 2.1 | .3 | .3 | .0 | .0 | | | | | | | | | | | 201 | 201 | 160 | 141 |
| 64/ 63 | 1.3 | 4.4 | 2.3 | .4 | .2 | .0 | | | | | | | | | | | | 228 | 229 | 205 | 185 |
| 62/ 61 | 1.2 | 3.5 | 1.6 | .5 | .4 | .1 | | | | | | | | | | | | 188 | 190 | 193 | 198 |
| 60/ 59 | 1.5 | 3.7 | 1.5 | .8 | .5 | .2 | | | | | | | | | | | | 212 | 212 | 204 | 180 |
| 58/ 57 | 1.8 | 3.4 | 2.3 | .6 | .3 | .0 | | | | | | | | | | | | 214 | 216 | 180 | 175 |
| 56/ 55 | .9 | 3.4 | 1.6 | 1.2 | .2 | | | | | | | | | | | | | 190 | 190 | 183 | 172 |
| 54/ 53 | .8 | 2.4 | 1.5 | .9 | .1 | | | | | | | | | | | | | 146 | 146 | 184 | 150 |
| 52/ 51 | .4 | 2.2 | 1.8 | .9 | .1 | .1 | | | | | | | | | | | | 141 | 141 | 144 | 161 |
| 50/ 49 | .5 | 2.5 | 1.5 | .7 | .1 | .1 | | | | | | | | | | | | 139 | 139 | 166 | 132 |
| 48/ 47 | .2 | 1.8 | .9 | .2 | .2 | | | | | | | | | | | | | 81 | 81 | 133 | 124 |
| 46/ 45 | .5 | 1.0 | .9 | .3 | .1 | | | | | | | | | | | | | 71 | 71 | 112 | 131 |
| 44/ 43 | .3 | 1.5 | .5 | .3 | .1 | | | | | | | | | | | | | 69 | 69 | 71 | 122 |
| 42/ 41 | .2 | 1.0 | .4 | .1 | | | | | | | | | | | | | | 42 | 42 | 67 | 77 |
| 40/ 39 | .2 | .5 | .4 | .1 | | | | | | | | | | | | | | 30 | 30 | 60 | 84 |
| 38/ 37 | .2 | .8 | .3 | .1 | | | | | | | | | | | | | | 35 | 35 | 35 | 57 |
| 36/ 35 | .1 | .4 | .2 | .1 | | | | | | | | | | | | | | 21 | 21 | 34 | 37 |
| 34/ 33 | | .2 | | .1 | | | | | | | | | | | | | | 7 | 7 | 18 | 30 |
| 32/ 31 | .1 | .2 | | | | | | | | | | | | | | | | 7 | 7 | 16 | 27 |
| 30/ 29 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 22 |
| 28/ 27 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 13 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 3 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 15.5 | 46.4 | 25.0 | 9.4 | 3.1 | .5 | .0 | | | | | | | | | | | 2566 | 2580 | 2566 | 2566 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1955718 | 222256 | 86.6 | 10.928 | 2566 | | | | | | | |
| Dry Bulb | 912420 | 151508 | 58.7 | 9.383 | 2580 | | .3 | 19.9 | 5.6 | .1 | | 93 |
| Wet Bulb | 8394835 | 144675 | 56.4 | 9.630 | 2566 | | .8 | 14.4 | 2.6 | | | 93 |
| Dew Point | 7923188 | 139938 | 54.5 | 10.662 | 2566 | | 2.8 | 12.1 | 1.7 | | | 93 |

USAFETAC FORM 0-26-5 (OL A) 701 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) HYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 90/ 89 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 88/ 87 | | | | | | .0 | .1 | .0 | .1 | | | | | | | | | 6 | 6 | | |
| 86/ 85 | | | | | .0 | .2 | .1 | | .0 | | | | | | | | | 9 | 9 | | |
| 84/ 83 | | | .0 | .2 | .2 | .4 | .1 | .1 | | | | | | | | | | 25 | 25 | | |
| 82/ 81 | | .0 | .1 | .3 | .9 | .8 | .3 | .2 | .1 | | | | | | | | | 69 | 69 | | |
| 80/ 79 | | .1 | .5 | .7 | 1.6 | 1.0 | .8 | .3 | .2 | .0 | | | | | | | | 137 | 137 | 4 | |
| 78/ 77 | | .1 | .7 | 1.1 | 1.7 | 1.2 | .6 | .6 | .2 | | | | | | | | | 158 | 158 | 16 | 4 |
| 76/ 75 | .0 | .6 | 1.6 | 2.2 | 2.1 | 1.5 | .9 | .6 | .2 | .1 | | | | | | | | 254 | 255 | 45 | 20 |
| 74/ 73 | .0 | 1.0 | 1.1 | 1.8 | 1.5 | 1.5 | .7 | .7 | .2 | .1 | .0 | | | | | | | 226 | 226 | 105 | 47 |
| 72/ 71 | .3 | 1.2 | 1.4 | 1.9 | 1.4 | 1.2 | .5 | .5 | .5 | .2 | | | | | | | | 233 | 235 | 194 | 92 |
| 70/ 69 | .2 | 1.3 | 1.7 | 1.9 | 2.1 | 1.5 | 1.0 | .7 | .3 | .1 | | | | | | | | 279 | 279 | 205 | 150 |
| 68/ 67 | .1 | 1.4 | 2.0 | 1.0 | .9 | 1.2 | 1.0 | .4 | .1 | .0 | | | | | | | | 213 | 215 | 237 | 186 |
| 66/ 65 | .3 | 1.3 | 1.4 | 2.0 | 1.3 | 1.2 | 1.0 | .8 | .2 | | | | | | | | | 243 | 243 | 265 | 194 |
| 64/ 63 | .0 | .8 | 1.1 | 1.0 | .7 | 1.6 | .6 | .1 | .1 | | | | | | | | | 157 | 157 | 221 | 191 |
| 62/ 61 | .1 | 1.1 | .9 | .5 | 1.3 | .9 | .5 | .2 | .0 | | | | | | | | | 151 | 151 | 224 | 228 |
| 60/ 59 | .1 | .6 | .7 | .9 | 1.1 | .7 | .6 | .1 | .0 | | | | | | | | | 125 | 125 | 181 | 177 |
| 58/ 57 | .1 | .4 | .4 | .6 | .8 | .5 | .3 | .2 | | | | | | | | | | 87 | 87 | 178 | 174 |
| 56/ 55 | .2 | .5 | .3 | .5 | .5 | .5 | .4 | .0 | | | | | | | | | | 76 | 76 | 171 | 142 |
| 54/ 53 | .2 | .3 | .1 | .4 | .5 | .3 | .3 | | | | | | | | | | | 53 | 53 | 157 | 141 |
| 52/ 51 | | .0 | .3 | .2 | .3 | .3 | .1 | | | | | | | | | | | 33 | 33 | 114 | 120 |
| 50/ 49 | | .0 | .1 | .1 | .3 | .2 | .1 | .0 | | | | | | | | | | 20 | 20 | 67 | 101 |
| 48/ 47 | .0 | .2 | | .1 | .2 | .0 | | | | | | | | | | | | 14 | 14 | 72 | 99 |
| 46/ 45 | | | | .0 | .1 | .1 | | | | | | | | | | | | 6 | 6 | 49 | 131 |
| 44/ 43 | | | | .1 | .0 | | | | | | | | | | | | | 3 | 3 | 31 | 81 |
| 42/ 41 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | 22 | 63 |
| 40/ 39 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 10 | 56 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 6 | 44 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 5 | 34 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | 2 | 28 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 28 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 13 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 14 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 13 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 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 BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 227 21 | | | | | | | | | | | | | | | | | | | | | 3 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.6 | 11.0 | 14.5 | 17.7 | 19.5 | 17.0 | 10.1 | 5.6 | 2.1 | .5 | .0 | | | | | | | | 2586 | | 2581 |
| | | | | | | | | | | | | | | | | | | 2581 | | 2581 | |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 12340547 | 173311 | 67.1 | 16.506 | 2581 | | | | | | | |
| Dry Bulb | 12334062 | 177426 | 68.6 | 7.888 | 2586 | | | 58.1 | 31.9 | 6.4 | | 93 |
| Wet Bulb | 9950669 | 158851 | 61.5 | 8.212 | 2581 | | | 29.0 | 6.1 | | | 93 |
| Dew Point | 8353776 | 145852 | 56.5 | 10.991 | 2581 | | 2.6 | 16.0 | 2.6 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 94/ 93 | | | | | | | .1 | .0 | .1 | .0 | .1 | .0 | | | | | | 1 | 1 | | |
| 90/ 89 | | | | | | .1 | .0 | .1 | .2 | .2 | .0 | .1 | .0 | | | | | 10 | 10 | | |
| 88/ 87 | | | | | .1 | .0 | .2 | .2 | .2 | .0 | | | | | | | | 13 | 13 | | |
| 86/ 85 | | | | .1 | .1 | .3 | .1 | .2 | .1 | | | | | | | | | 24 | 24 | | |
| 84/ 83 | | | .1 | .2 | .5 | .5 | .3 | .5 | .3 | .0 | .1 | | | | | | | 64 | 64 | | |
| 82/ 81 | | | .0 | .6 | 1.4 | 2.3 | .8 | .9 | .7 | .2 | .2 | | | | | | | 182 | 182 | | |
| 80/ 79 | | .2 | .2 | 1.0 | 2.6 | 2.2 | 2.1 | 1.1 | 1.0 | .3 | .1 | .0 | | | | | | 277 | 277 | 12 | 3 |
| 78/ 77 | | .2 | 1.0 | 1.8 | 2.1 | 2.5 | 1.8 | .9 | .6 | .4 | .1 | .1 | | | | | | 297 | 299 | 24 | 5 |
| 76/ 75 | | .3 | 1.1 | 1.6 | 2.3 | 2.3 | 1.4 | 1.2 | .7 | .3 | .2 | .0 | | | | | | 299 | 299 | 59 | 27 |
| 74/ 73 | .0 | .6 | .7 | 1.8 | 2.1 | 2.0 | 1.2 | 1.2 | .7 | .4 | .0 | .0 | | | | | | 281 | 281 | 152 | 45 |
| 72/ 71 | | .5 | .7 | 1.2 | 1.4 | 1.0 | 1.7 | 1.0 | 1.0 | .3 | .1 | | | | | | | 236 | 236 | 236 | 106 |
| 70/ 69 | .1 | .7 | 1.4 | .9 | 1.0 | 1.2 | 2.0 | 1.2 | .5 | .1 | | | | | | | | 235 | 235 | 228 | 176 |
| 68/ 67 | .3 | .7 | .7 | .9 | 1.0 | 1.1 | 1.7 | 1.1 | .4 | .0 | | | | | | | | 205 | 205 | 321 | 183 |
| 66/ 65 | .1 | .4 | .9 | .7 | .4 | .8 | 1.2 | .6 | .5 | .1 | | | | | | | | 147 | 147 | 286 | 201 |
| 64/ 63 | .3 | .4 | .3 | .5 | .2 | .2 | .8 | .6 | .3 | | | | | | | | | 83 | 83 | 205 | 222 |
| 62/ 61 | .1 | .2 | .1 | .1 | .3 | .5 | .9 | .0 | .2 | | | | | | | | | 79 | 79 | 218 | 212 |
| 60/ 59 | .0 | .3 | .2 | | .2 | .1 | .7 | .4 | .1 | | | | | | | | | 48 | 48 | 192 | 196 |
| 58/ 57 | .2 | .3 | .1 | .1 | .1 | .2 | .5 | .2 | | | | | | | | | | 44 | 44 | 179 | 164 |
| 56/ 55 | | .1 | .2 | | .0 | .1 | .3 | .2 | .0 | | | | | | | | | 23 | 23 | 134 | 146 |
| 54/ 53 | | .1 | | | .0 | .1 | .2 | .1 | | | | | | | | | | 14 | 14 | 86 | 113 |
| 52/ 51 | .0 | .2 | .0 | | | | .1 | .1 | | | | | | | | | | 12 | 12 | 90 | 114 |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | 44 | 95 |
| 48/ 47 | | .2 | | | .1 | | | | | | | | | | | | | 6 | 6 | 55 | 112 |
| 46/ 45 | | .0 | | | .0 | | | | | | | | | | | | | 2 | 2 | 29 | 103 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 17 | 62 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 5 | 60 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 8 | 46 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 2 | 39 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 36 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 43 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 22 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 17 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 10 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 7 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 43-46,49-72 YEARS | OCT MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 3 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | .9 | 5.4 | 7.8 | 11.3 | 16.0 | 17.4 | 17.9 | 12.5 | 7.1 | 2.4 | .9 | .2 | | | | | | | 2584 | | 2582 |
| | | | | | | | | | | | | | | | | | | 2582 | | 2582 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 100636?1 | 155133 | 60.1 | 16.966 | 2582 | | | | | | | |
| Dry Bulb | 13803954 | 187994 | 72.6 | 7.007 | 2584 | | | 76.5 | 52.2 | 15.7 | .0 | 93 |
| Wet Bulb | 10546512 | 163850 | 63.5 | 7.594 | 2582 | | | 37.2 | 6.9 | .2 | | 93 |
| Dew Point | 8737404 | 147436 | 57.1 | 11.110 | 2582 | | 2.6 | 19.6 | 2.9 | | | 93 |

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

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | |
| 94/ 93 | | | | | | | | | | | .0 | | | | | | | 1 | 1 | | |
| 92/ 91 | | | | | | | | .0 | | | .0 | | | | | | | 2 | 2 | | |
| 90/ 89 | | | | | | | | .0 | | .0 | | | | | | | | 2 | 2 | | |
| 88/ 87 | | | | | | | .0 | .1 | .1 | | | | | | | | | 5 | 5 | | |
| 86/ 85 | | | | .0 | .1 | .1 | .1 | .0 | .1 | | | | | | | | | 11 | 11 | | |
| 84/ 83 | | | .0 | .2 | .2 | .1 | .2 | .2 | .1 | | | .0 | | | | | | 28 | 28 | | |
| 82/ 81 | | .0 | .3 | .5 | .7 | .4 | .5 | .3 | .3 | .2 | .1 | | .0 | | | | | 90 | 90 | | |
| 80/ 79 | | .0 | .6 | 1.0 | 1.6 | 1.0 | .8 | .3 | .3 | .3 | .1 | .0 | | | | | | 157 | 157 | 5 | 1 |
| 78/ 77 | | .3 | .9 | 2.1 | 2.7 | 1.5 | 1.2 | .8 | .5 | .1 | | .1 | .0 | | | | | 263 | 263 | 18 | 5 |
| 76/ 75 | | .7 | 1.8 | 3.0 | 2.3 | 2.0 | .6 | .8 | .2 | .4 | .0 | .1 | | | | | | 308 | 308 | 57 | 23 |
| 74/ 73 | .1 | 1.0 | 2.0 | 2.4 | 2.5 | 1.6 | 1.5 | .7 | .2 | .3 | | | | | | | | 315 | 315 | 121 | 55 |
| 72/ 71 | .1 | 1.0 | 2.3 | 2.5 | 2.1 | 1.3 | 1.2 | .7 | .4 | .1 | | | | | | | | 304 | 304 | 229 | 100 |
| 70/ 69 | .1 | 1.4 | 2.1 | 1.7 | 1.9 | 1.4 | 1.7 | .7 | .3 | .1 | .0 | | | | | | | 296 | 296 | 273 | 174 |
| 68/ 67 | .0 | 1.1 | 1.3 | 1.2 | 1.7 | 1.2 | 1.4 | .7 | .2 | .0 | | | | | | | | 230 | 230 | 303 | 226 |
| 66/ 65 | .1 | .3 | 1.1 | 1.4 | .8 | 1.0 | 1.0 | .5 | .4 | .0 | .0 | | | | | | | 175 | 175 | 294 | 253 |
| 64/ 63 | .1 | .6 | .6 | .5 | .4 | .7 | .7 | .5 | .3 | | | | | | | | | 114 | 114 | 227 | 213 |
| 62/ 61 | .1 | .3 | .3 | .4 | .3 | 1.0 | .7 | .3 | .1 | | | | | | | | | 91 | 91 | 229 | 230 |
| 60/ 59 | .1 | .2 | .5 | .1 | .3 | .6 | .6 | .4 | | | | | | | | | | 72 | 72 | 192 | 167 |
| 58/ 57 | .2 | .3 | .3 | .2 | .1 | .2 | .3 | .2 | | | | | | | | | | 50 | 50 | 166 | 156 |
| 56/ 55 | .0 | .2 | .2 | .1 | .2 | .2 | .3 | .1 | | | | | | | | | | 31 | 31 | 137 | 160 |
| 54/ 53 | | .2 | | .1 | .1 | .1 | .2 | .0 | | | | | | | | | | 19 | 19 | 84 | 133 |
| 52/ 51 | .1 | .1 | | .1 | | .1 | .0 | | | | | | | | | | | 11 | 11 | 92 | 115 |
| 50/ 49 | | .0 | .0 | .0 | | | | | | | | | | | | | | 3 | 3 | 53 | 98 |
| 48/ 47 | | .0 | | | .1 | | | | | | | | | | | | | 3 | 3 | 45 | 82 |
| 46/ 45 | | | | .0 | .0 | | | | | | | | | | | | | 2 | 2 | 31 | 78 |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | 13 | 69 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 10 | 45 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 3 | 52 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 34 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 28 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 25 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 17 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 15 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 12 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 9 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 4 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 1.0 | 7.9 | 14.2 | 17.7 | 18.2 | 14.7 | 12.7 | 7.6 | 3.6 | 1.6 | .3 | .2 | .1 | | | | | 2583 | | 2583 | |
| | | | | | | | | | | | | | | | | | 2583 | | 2583 | | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 11752688 | 168626 | 65.3 | 16.978 | 2583 | | | | | | | |
| Dry Bulb | 13191400 | 183792 | 71.2 | 6.638 | 2583 | | | 72.4 | 42.6 | 7.7 | .0 | 93 |
| Wet Bulb | 10506900 | 163644 | 63.4 | 7.348 | 2583 | | | 36.2 | 7.2 | .0 | | 93 |
| Dew Point | 8983713 | 149867 | 58.0 | 10.568 | 2583 | | 2.2 | 21.0 | 3.0 | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (YEARS) OCT (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | .0 | | .0 | | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | .1 | .4 | .2 | .3 | | | | | | | | | | | | | 26 | 26 | | |
| 78/ 77 | .1 | .5 | .6 | .3 | .3 | .2 | | .0 | | | | | | | | | | 54 | 54 | 9 | 4 |
| 76/ 75 | | .7 | 1.6 | 1.3 | .3 | .1 | .1 | | .0 | | | | | | | | | 116 | 110 | 32 | 15 |
| 74/ 73 | .2 | 2.2 | 2.3 | 1.6 | .7 | .1 | .1 | | .1 | | | | | | | | | 192 | 192 | 56 | 41 |
| 72/ 71 | .4 | 2.4 | 3.0 | 1.7 | 1.0 | .2 | .1 | | | | | | | | | | | 230 | 231 | 151 | 106 |
| 70/ 69 | .7 | 3.1 | 3.4 | 1.9 | .6 | .2 | .1 | | | | | | | | | | | 261 | 261 | 210 | 154 |
| 68/ 67 | .3 | 4.4 | 3.9 | 1.3 | 1.0 | .2 | .1 | .0 | | | | | | | | | | 293 | 293 | 240 | 191 |
| 66/ 65 | .8 | 3.3 | 2.9 | 1.6 | .9 | .5 | | | | | | | | | | | | 252 | 253 | 296 | 243 |
| 64/ 63 | .3 | 2.8 | 2.3 | 1.2 | .8 | .4 | | | .0 | | | | | | | | | 198 | 198 | 238 | 245 |
| 62/ 61 | .3 | 2.1 | 2.1 | 1.2 | .5 | .3 | .0 | .0 | | | | | | | | | | 174 | 175 | 212 | 208 |
| 60/ 59 | .8 | 2.3 | 1.9 | .9 | .9 | .1 | .0 | | .0 | | | | | | | | | 177 | 178 | 214 | 215 |
| 58/ 57 | .4 | 1.5 | 1.4 | .9 | .7 | .0 | | .0 | | | | | | | | | | 128 | 128 | 172 | 173 |
| 56/ 55 | .2 | 2.0 | 1.4 | .7 | .5 | .1 | .0 | | | | | | | | | | | 129 | 129 | 152 | 164 |
| 54/ 53 | .3 | 1.6 | 1.0 | .5 | .2 | .1 | .1 | | | | | | | | | | | 98 | 98 | 132 | 141 |
| 52/ 51 | .1 | 1.3 | .9 | .4 | .1 | .2 | | | | | | | | | | | | 77 | 77 | 135 | 130 |
| 50/ 49 | .2 | .9 | 1.0 | .4 | .1 | | .0 | | | | | | | | | | | 68 | 68 | 100 | 125 |
| 48/ 47 | .1 | .7 | .1 | .2 | .2 | .0 | | | | | | | | | | | | 32 | 32 | 78 | 99 |
| 46/ 45 | .0 | .6 | .3 | .1 | .0 | | | | | | | | | | | | | 29 | 29 | 53 | 91 |
| 44/ 43 | | .6 | | .0 | .0 | | | | | | | | | | | | | 17 | 17 | 37 | 69 |
| 42/ 41 | | .2 | .0 | .2 | | | | | | | | | | | | | | 11 | 11 | 28 | 63 |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 12 | 27 |
| 38/ 37 | .0 | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 7 | 13 |
| 36/ 35 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 8 | 15 |
| 34/ 33 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 14 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 7 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 8 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 3 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 6 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 5.4 | 33.7 | 30.9 | 17.1 | 8.9 | 2.8 | .7 | .2 | .2 | | | | | | | | | | 2577 | | 2573 |
| | | | | | | | | | | | | | | | | | | 2573 | | 2573 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. |
|---|---|---|---|---|---|
| Rel. Hum. | 17497168 | 209852 | 81.6 | 12.184 | 2573 |
| Dry Bulb | 10828129 | 165743 | 64.3 | 8.080 | 2577 |
| Wet Bulb | 9665220 | 156298 | 60.7 | 8.150 | 2573 |
| Dew Point | 8963595 | 149937 | 58.3 | 9.380 | 2573 |

| Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|
| | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | |
| Dry Bulb | | | 42.4 | 14.1 | .4 | | 93 |
| Wet Bulb | | | 25.2 | 3.5 | | | 93 |
| Dew Point | | 1.0 | 18.5 | 2.2 | | | 93 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 43-46,49-72 YEARS — OCT MONTH

PAGE 1 — 2100-2300 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | .0 | .2 | | .0 | | | | | | | | | | | | | 7 | 7 | | |
| 78/ 77 | .0 | .3 | .4 | .1 | .0 | .1 | | | | | | | | | | | | 26 | 26 | 4 | 2 |
| 76/ 75 | .1 | .9 | .7 | .6 | .4 | | | | | | | | | | | | | 71 | 71 | 24 | 13 |
| 74/ 73 | .2 | 1.8 | .8 | .4 | .3 | .1 | | | | | | | | | | | | 91 | 91 | 46 | 34 |
| 72/ 71 | .4 | 2.4 | 1.5 | .8 | .1 | | | | .1 | | | | | | | | | 135 | 136 | 88 | 70 |
| 70/ 69 | 1.3 | 3.2 | 1.8 | 1.1 | .2 | .0 | .0 | .0 | | | | | | | | | | 204 | 206 | 164 | 127 |
| 68/ 67 | .9 | 4.3 | 2.2 | .6 | .2 | .0 | | | | | | | | | | | | 210 | 211 | 173 | 156 |
| 66/ 65 | 1.3 | 4.3 | 3.1 | .6 | .5 | .2 | | | | | | | | | | | | 251 | 251 | 213 | 190 |
| 64/ 63 | 1.3 | 4.1 | 1.8 | 1.1 | .2 | | .0 | | | | | | | | | | | 216 | 216 | 230 | 210 |
| 62/ 61 | .8 | 3.4 | 1.6 | .6 | .5 | .2 | .0 | | | | | | | | | | | 182 | 182 | 208 | 200 |
| 60/ 59 | 1.1 | 3.0 | 1.6 | 1.2 | .5 | .0 | | | | | | | | | | | | 191 | 191 | 187 | 202 |
| 58/ 57 | 1.3 | 3.4 | 1.4 | 1.0 | .5 | | | | | | | | | | | | | 192 | 192 | 187 | 164 |
| 56/ 55 | .8 | 2.9 | 1.2 | .9 | .2 | .0 | | | | | | | | | | | | 153 | 154 | 177 | 164 |
| 54/ 53 | .5 | 2.3 | 1.7 | .8 | .2 | .0 | | | | | | | | | | | | 140 | 141 | 159 | 162 |
| 52/ 51 | .5 | 1.6 | 1.1 | .4 | .1 | .0 | | | | | | | | | | | | 99 | 99 | 147 | 136 |
| 50/ 49 | .6 | 2.0 | .9 | .4 | .2 | | | | | | | | | | | | | 104 | 104 | 145 | 143 |
| 48/ 47 | .6 | 1.1 | .7 | .2 | .0 | | | | | | | | | | | | | 68 | 68 | 97 | 123 |
| 46/ 45 | .5 | 1.6 | .3 | .3 | .2 | .0 | | | | | | | | | | | | 74 | 74 | 87 | 115 |
| 44/ 43 | .4 | 1.5 | .2 | .2 | | .0 | | | | | | | | | | | | 57 | 57 | 83 | 97 |
| 42/ 41 | .2 | .9 | .1 | .2 | | .0 | | | | | | | | | | | | 37 | 37 | 51 | 83 |
| 40/ 39 | .2 | .5 | .1 | | | | | | | | | | | | | | | 21 | 21 | 38 | 62 |
| 38/ 37 | .0 | .2 | .0 | | | | | | | | | | | | | | | 8 | 8 | 19 | 23 |
| 36/ 35 | .0 | .2 | | | | | | | | | | | | | | | | 8 | 8 | 13 | 27 |
| 34/ 33 | .0 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 8 | 15 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 4 | 13 |
| 30/ 29 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 8 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 1 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 1 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 1 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 13.3 | 46.4 | 23.5 | 11.4 | 4.2 | .9 | .1 | .0 | .1 | | | | | | | | | 2554 | 2560 | 2554 | 2554 |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 19311473 | 220255 | 86.2 | 11.140 | 2554 | | | | | | | |
| Dry Bulb | 9642143 | 155411 | 60.7 | 9.006 | 2560 | | .1 | 27.2 | 7.1 | .0 | | 93 |
| Wet Bulb | 8855709 | 148621 | 58.2 | 9.010 | 2554 | | .2 | 18.2 | 2.7 | | | 93 |
| Dew Point | 8359246 | 143918 | 56.4 | 9.085 | 2554 | | 1.3 | 14.6 | 1.8 | | | 93 |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .3 | .0 | | | | | | | | | | | | | | | 9 | 9 | 3 | 2 |
| 72/ 71 | .1 | .4 | .2 | .2 | .0 | | | | | | | | | | | | | 20 | 20 | 9 | 8 |
| 70/ 69 | .1 | .3 | .7 | .4 | | | | | | | | | | | | | | 46 | 46 | 15 | 11 |
| 68/ 67 | .9 | 1.4 | .9 | .2 | | | | | | | | | | | | | | 76 | 78 | 47 | 33 |
| 66/ 65 | 1.1 | 1.5 | .9 | .3 | | | | | | | | | | | | | | 92 | 95 | 80 | 67 |
| 64/ 63 | 1.3 | 2.4 | 1.1 | .3 | | .0 | .0 | | | | | | | | | | | 128 | 129 | 115 | 90 |
| 62/ 61 | .9 | 2.7 | .6 | .4 | .1 | .0 | | | | | | | | | | | | 119 | 119 | 115 | 104 |
| 60/ 59 | .9 | 2.8 | .7 | .4 | .0 | .1 | | | | | | | | | | | | 121 | 124 | 118 | 116 |
| 58/ 57 | .7 | 2.7 | 1.5 | .2 | .4 | .1 | | | | | | | | | | | | 139 | 142 | 112 | 127 |
| 56/ 55 | .7 | 3.2 | 1.1 | .6 | .2 | .1 | .0 | | | | | | | | | | | 148 | 151 | 117 | 91 |
| 54/ 53 | 1.1 | 2.4 | 1.1 | .7 | .2 | .1 | | | | | | | | | | | | 137 | 139 | 154 | 128 |
| 52/ 51 | .6 | 1.8 | .9 | .6 | .2 | .2 | | | | | | | | | | | | 104 | 108 | 103 | 115 |
| 50/ 49 | 1.1 | 2.4 | 2.0 | .7 | .1 | | | | | | | | | | | | | 155 | 157 | 126 | 115 |
| 48/ 47 | .6 | 2.8 | 1.2 | .4 | .3 | .1 | | | | | | | | | | | | 134 | 136 | 134 | 101 |
| 46/ 45 | 1.3 | 3.4 | 1.1 | .9 | .2 | | | | | | | | | | | | | 170 | 173 | 178 | 135 |
| 44/ 43 | 1.2 | 2.6 | 1.3 | .7 | .2 | .1 | | | | | | | | | | | | 153 | 155 | 156 | 157 |
| 42/ 41 | 1.2 | 2.6 | 1.3 | .5 | .2 | .1 | | | | | | | | | | | | 142 | 144 | 137 | 146 |
| 40/ 39 | .9 | 2.5 | 1.5 | .7 | .2 | .0 | | | | | | | | | | | | 142 | 150 | 137 | 123 |
| 38/ 37 | 1.0 | 2.0 | .9 | .6 | .2 | | | | | | | | | | | | | 117 | 118 | 134 | 126 |
| 36/ 35 | .6 | 1.5 | .5 | .3 | .2 | | | | | | | | | | | | | 76 | 76 | 108 | 120 |
| 34/ 33 | .9 | 1.7 | .6 | .2 | .0 | | | | | | | | | | | | | 84 | 84 | 109 | 109 |
| 32/ 31 | .7 | 1.2 | .4 | .0 | | | | | | | | | | | | | | 57 | 58 | 78 | 104 |
| 30/ 29 | .7 | .9 | .5 | .1 | | | | | | | | | | | | | | 52 | 54 | 72 | 90 |
| 28/ 27 | .3 | .7 | .0 | | | | | | | | | | | | | | | 25 | 25 | 56 | 52 |
| 26/ 25 | .3 | .2 | .0 | | | | | | | | | | | | | | | 14 | 14 | 23 | 59 |
| 24/ 23 | .0 | | .1 | | | | | | | | | | | | | | | 4 | 4 | 5 | 53 |
| 22/ 21 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 6 | 26 |
| 20/ 19 | .0 | | .0 | | | | | | | | | | | | | | | 2 | 2 | 2 | 11 |
| 18/ 17 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | | 18 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 3 | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 6 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 3 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NGV (MONTH)

PAGE 2 0000-0200 (HOURS (L. S. T.))

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B., W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 18.8 | 46.8 | 21.4 | 9.2 | 2.7 | 1.1 | .1 | | | | | | | | | | | 2470 | 2515 | 2470 | 2470 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 1824976 | 209642 | 84.9 | 13.595 | 2470 | | | | | | | |
| Dry Bulb | 6486768 | 124638 | 49.6 | 11.104 | 2515 | | 5.8 | 5.5 | .3 | | | 90 |
| Wet Bulb | 5852738 | 116998 | 47.4 | 11.220 | 2470 | | 8.9 | 2.7 | .1 | | | 90 |
| Dew Point | 5380038 | 110902 | 44.9 | 12.738 | 2470 | .1 | 16.3 | 2.0 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | | .4 | .1 | | | | | | | | | | | | | | | 13 | 13 | | |
| 72/ 71 | | .1 | .1 | .1 | | | | | | | | | | | | | | 8 | 8 | 13 | 6 |
| 70/ 69 | .0 | .7 | .3 | .1 | | | | | | | | | | | | | | 29 | 31 | 9 | 11 |
| 68/ 67 | .4 | 1.3 | 1.0 | .4 | | | | | | | | | | | | | | 75 | 76 | 40 | 29 |
| 66/ 65 | 1.2 | 1.9 | .6 | .4 | | | | | | | | | | | | | | 100 | 100 | 76 | 66 |
| 64/ 63 | .9 | 2.3 | .7 | .2 | | | | | | | | | | | | | | 101 | 102 | 95 | 85 |
| 62/ 61 | 1.0 | 2.1 | .1 | .2 | .0 | | | | | | | | | | | | | 84 | 85 | 111 | 84 |
| 60/ 59 | 1.1 | 2.3 | .6 | .0 | | | | | | | | | | | | | | 99 | 102 | 102 | 110 |
| 58/ 57 | .9 | 3.0 | 1.1 | .0 | .2 | .0 | .1 | | | | | | | | | | | 134 | 137 | 102 | 106 |
| 56/ 55 | 1.3 | 2.5 | .9 | .3 | .3 | .0 | .0 | | | | | | | | | | | 133 | 135 | 112 | 105 |
| 54/ 53 | .8 | 2.6 | .7 | .2 | .2 | .2 | .0 | | | | | | | | | | | 121 | 123 | 110 | 92 |
| 52/ 51 | .6 | 2.6 | .6 | .7 | .1 | .0 | | | | .0 | | | | | | | | 117 | 123 | 110 | 110 |
| 50/ 49 | .8 | 2.1 | 1.6 | .4 | .2 | | | | | | | | | | | | | 123 | 129 | 109 | 106 |
| 48/ 47 | 1.1 | 3.0 | 1.1 | .9 | .2 | .0 | | | | | | | | | | | | 156 | 157 | 127 | 89 |
| 46/ 45 | 1.4 | 4.2 | 1.1 | .4 | .1 | | | | | | | | | | | | | 179 | 183 | 186 | 130 |
| 44/ 43 | 1.7 | 3.0 | .8 | .7 | .0 | .0 | | | | | | | | | | | | 154 | 157 | 178 | 171 |
| 42/ 41 | 1.2 | 2.7 | 1.7 | .6 | .1 | | | | | | | | | | | | | 153 | 159 | 149 | 155 |
| 40/ 39 | .3 | 2.5 | .9 | .6 | .2 | | | | | | | | | | | | | 111 | 114 | 117 | 119 |
| 38/ 37 | 1.2 | 2.5 | 1.2 | .6 | .1 | | | | | | | | | | | | | 138 | 141 | 143 | 122 |
| 36/ 35 | 1.1 | 1.5 | 1.3 | .4 | | | | | | | | | | | | | | 104 | 104 | 121 | 114 |
| 34/ 33 | 1.0 | 2.3 | .9 | .5 | | | | | | | | | | | | | | 116 | 116 | 139 | 127 |
| 32/ 31 | .9 | 1.8 | .4 | .2 | | | | | | | | | | | | | | 82 | 85 | 117 | 120 |
| 30/ 29 | .4 | 1.5 | .5 | | | | | | | | | | | | | | | 60 | 60 | 65 | 105 |
| 28/ 27 | .2 | .8 | .3 | .1 | | | | | | | | | | | | | | 36 | 36 | 66 | 74 |
| 26/ 25 | .3 | .4 | | | | | | | | | | | | | | | | 19 | 19 | 36 | 58 |
| 24/ 23 | .2 | .0 | .1 | | | | | | | | | | | | | | | 8 | 8 | 21 | 59 |
| 22/ 21 | .0 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 35 |
| 20/ 19 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 16 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 2 | 20 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 2 | 26 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | Dry Bulb | Wet Bulb | Dew Point |
| 67 | | | | | | | | | | | | | | | | | | | | | | 1 |
| 47 | 3 | | | | | | | | | | | | | | | | | | | | | 1 |
| 27 | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 07 | -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 20. | 350. | 615. | 7 | 7.9 | 1.6 | .4 | .2 | | | .0 | | | | | | | | | 2516 | | 2470 |
| | | | | | | | | | | | | | | | | | | | 2471 | | 2471 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18537264 | 212188 | 85.9 | 12.071 | 2470 | | | | | | | |
| Dry Bulb | 6122139 | 120791 | 48.0 | 11.334 | 2516 | | 7.6 | 4.6 | .5 | | | 90 |
| Wet Bulb | 5563076 | 113762 | 46.0 | 11.461 | 2471 | | 11.8 | 2.3 | | | | 90 |
| Dew Point | 5139293 | 103049 | 43.7 | 12.929 | 2470 | .0 | 19.1 | 1.7 | | | | 90 |

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

DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 1 | 0600-0800 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 76/ 75 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | | |
| 74/ 73 | | .3 | .1 | | | | | | | | | | | | | | | 9 | 9 | 1 | |
| 72/ 71 | .1 | .5 | .3 | .0 | | | | | | | | | | | | | | 23 | 23 | 16 | 9 |
| 70/ 69 | .1 | .7 | .5 | .1 | .0 | | | | | | | | | | | | | 36 | 36 | 20 | 15 |
| 68/ 67 | .3 | 1.0 | .9 | .1 | | | | | | | | | | | | | | 59 | 61 | 36 | 30 |
| 66/ 65 | .6 | 2.1 | 1.2 | .3 | | | | | | | | | | | | | | 107 | 108 | 55 | 47 |
| 64/ 63 | 1.1 | 2.2 | 1.1 | .2 | | | | | | | | | | | | | | 113 | 113 | 117 | 85 |
| 62/ 61 | 1.1 | 1.7 | .6 | .2 | .1 | | | | | | | | | | | | | 90 | 90 | 117 | 112 |
| 60/ 59 | .8 | 2.2 | 1.0 | .2 | .0 | | | | | | | | | | | | | 103 | 107 | 101 | 93 |
| 58/ 57 | .9 | 2.9 | .7 | .2 | | | .0 | | | | | | | | | | | 117 | 120 | 101 | 106 |
| 56/ 55 | .9 | 2.4 | .8 | .3 | .1 | .0 | | | | | | | | | | | | 118 | 118 | 110 | 110 |
| 54/ 53 | .9 | 2.1 | .7 | .6 | .1 | .0 | .0 | | | | | | | | | | | 112 | 118 | 112 | 108 |
| 52/ 51 | .8 | 3.0 | 1.5 | .7 | .4 | .0 | | | | | | | | | | | | 130 | 132 | 106 | 98 |
| 50/ 49 | .9 | 2.8 | 1.7 | .6 | .3 | .0 | | | | | | | | | | | | 101 | 103 | 117 | 117 |
| 48/ 47 | .8 | 2.9 | 1.[illegible] | .8 | .4 | | | | | | | | | | | | | 165 | 167 | 153 | 113 |
| 46/ 45 | 1.2 | 3.2 | 1.4 | [illegible].0 | .2 | | | | | | | | | | | | | 175 | 179 | 184 | 123 |
| 44/ 43 | .9 | 3.4 | 1.5 | .6 | .2 | | | | | | | | | | | | | 166 | 172 | 178 | 156 |
| 42/ 41 | 1.0 | 2.3 | 1.2 | .8 | .0 | | | | | | | | | | | | | 132 | 137 | 155 | 138 |
| 40/ 39 | .9 | 2.[illegible] | 1.6 | .8 | .1 | | | | | | | | | | | | | 140 | 144 | 149 | 142 |
| 38/ 37 | .5 | 2.[illegible] | 1.0 | .6 | .0 | | | | | | | | | | | | | 117 | 119 | 122 | 125 |
| 36/ 35 | .7 | 2.3 | 1.2 | .6 | .0 | | | | | | | | | | | | | 121 | 121 | 125 | 127 |
| 34/ 33 | .3 | 1.4 | 1.1 | .3 | .0 | | | | | | | | | | | | | 91 | 92 | 127 | 113 |
| 32/ 31 | .8 | 1.4 | .6 | .2 | | | | | | | | | | | | | | 76 | 79 | 101 | 124 |
| 30. 29 | .3 | 1.2 | .4 | .1 | | | | | | | | | | | | | | 52 | 52 | 89 | 105 |
| 28/ 27 | .4 | .8 | .2 | | | | | | | | | | | | | | | 33 | 33 | 49 | 68 |
| 26/ 25 | .3 | .8 | .1 | | | | | | | | | | | | | | | 24 | 24 | 43 | 72 |
| 24/ 23 | | .2 | .0 | .0 | | | | | | | | | | | | | | 6 | 6 | 17 | 55 |
| 22/ 21 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 3 | 35 |
| 20/ 19 | .0 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 6 | 21 |
| 18/ 17 | | .1 | | | | | | | | | | | | | | | | 2 | 2 | 6 | 25 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 14 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 7 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 2 | 0600-0800 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | 7 | | | | | | | | | | | | | | | | | | | | 2 |
| 67 | 5 | | | | | | | | | | | | | | | | | | | | 1 |
| 47 | 3 | | | | | | | | | | | | | | | | | | | | 3 |
| 27 | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | | 16.7 | 46.6 | 23.1 | 9.3 | 2.1 | .2 | .1 | | | | | | | | | | 2517 | 2566 | 2517 | 2517 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 18432103 | 212887 | 84.6 | 13.016 | 2517 | | | | | | | |
| Dry Bulb | 6322131 | 124067 | 48.4 | 11.229 | 2566 | | 7.2 | 4.6 | .4 | | | 90 |
| Wet Bulb | 5705799 | 116329 | 46.2 | 11.442 | 2517 | | 11.3 | 2.6 | .0 | | | 90 |
| Dew Point | 5230671 | 109967 | 43.7 | 13.016 | 2517 | | 19.4 | 2.1 | | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 82/ 81 | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | .1 | .1 | .2 | | .0 | .0 | | | | | | | | | 14 | 14 | | |
| 78/ 77 | | | .2 | .2 | .2 | .1 | .2 | | | | | | | | | | | 22 | 23 | | |
| 76/ 75 | | .0 | .4 | .5 | .5 | .2 | .1 | | .0 | .1 | | | | | | | | 48 | 48 | | |
| 74/ 73 | | .1 | .5 | .9 | .7 | 1.1 | .2 | .2 | .0 | | | | | | | | | 92 | 92 | 12 | 1 |
| 72/ 71 | .0 | .6 | .7 | .8 | 1.1 | .4 | .1 | .1 | .0 | | | | | | | | | 101 | 104 | 29 | 13 |
| 70/ 69 | | .7 | 1.4 | 1.6 | 1.0 | .5 | .4 | .1 | .2 | .0 | | | | | | | | 154 | 155 | 57 | 32 |
| 68/ 67 | .2 | .9 | 1.5 | 1.3 | 1.0 | .7 | .8 | .4 | .1 | | | | | | | | | 177 | 179 | 79 | 47 |
| 66/ 65 | .2 | 1.3 | .9 | 1.4 | 1.3 | .9 | .6 | .3 | .2 | .0 | | | | | | | | 178 | 179 | 124 | 81 |
| 64/ 63 | .3 | 1.3 | 1.4 | 1.4 | 1.0 | .9 | .5 | .3 | .1 | | | | | | | | | 186 | 189 | 186 | 112 |
| 62/ 61 | .2 | .8 | .9 | 1.2 | 1.1 | 1.1 | .5 | .4 | .1 | | | | | | | | | 162 | 170 | 144 | 130 |
| 60/ 59 | .2 | .7 | 1.2 | 1.2 | 1.7 | .6 | .7 | .1 | .2 | | | | | | | | | 172 | 175 | 142 | 118 |
| 58/ 57 | .2 | .9 | .9 | 1.1 | 1.2 | 1.1 | 1.1 | .1 | | | | | | | | | | 167 | 168 | 152 | 128 |
| 56/ 55 | .4 | 1.1 | .9 | 1.4 | .9 | 1.4 | .8 | .2 | | | | | | | | | | 179 | 184 | 175 | 138 |
| 54/ 53 | .2 | .7 | .8 | 1.1 | 1.7 | 1.4 | .4 | .2 | | | | | | | | | | 161 | 164 | 164 | 123 |
| 52/ 51 | .1 | .6 | 1.3 | 1.0 | 1.4 | 1.5 | .5 | .0 | | | | | | | | | | 165 | 166 | 159 | 117 |
| 50/ 49 | .0 | 1.0 | .6 | 1.1 | 1.8 | 1.3 | .3 | .1 | | | | | | | | | | 157 | 159 | 151 | 119 |
| 48/ 47 | .2 | .4 | .8 | 1.3 | 1.0 | .5 | .3 | | | | | | | | | | | 112 | 115 | 174 | 136 |
| 46/ 45 | .1 | .6 | .6 | .7 | 1.2 | .6 | .0 | | | | | | | | | | | 99 | 101 | 172 | 135 |
| 44/ 43 | .1 | .4 | .5 | .9 | .6 | .2 | | | | | | | | | | | | 69 | 75 | 159 | 101 |
| 42/ 41 | .0 | .3 | .1 | .8 | .6 | .2 | | | | | | | | | | | | 53 | 53 | 139 | 118 |
| 40/ 39 | | .1 | .2 | .4 | .4 | .2 | | | | | | | | | | | | 31 | 32 | 104 | 115 |
| 38/ 37 | | .0 | .2 | .3 | .2 | .0 | | | | | | | | | | | | 19 | 19 | 78 | 115 |
| 36/ 35 | | | .0 | .3 | .2 | | | | | | | | | | | | | 15 | 15 | 63 | 103 |
| 34/ 33 | | .0 | .0 | .1 | .0 | | | | | | | | | | | | | 6 | 7 | 32 | 97 |
| 32/ 31 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | 21 | 102 |
| 30/ 29 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 17 | 78 |
| 28/ 27 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 10 | 67 |
| 26/ 25 | | | .1 | .0 | | | | | | | | | | | | | | 3 | 3 | 1 | 49 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | 2 | 42 |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 34 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 2 | 20 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 32 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 21 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JOB 64
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# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

PAGE 2 0900-1100 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 9 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 5 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 3 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 4 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 2.4 | 12.5 | 16.1 | 21.1 | 21.0 | 15.6 | 7.6 | 2.6 | .9 | .2 | | | | | | | | | 2598 | | 2552 |
| | | | | | | | | | | | | | | | | | | 2552 | | 2552 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 11537872 | 165186 | 64.7 | 18.208 | 2552 | | | | | | | |
| Dry Bulb | 9131907 | 151909 | 58.5 | 9.803 | 2598 | | .4 | 21.4 | 6.2 | .2 | | 90 |
| Wet Bulb | 7204970 | 133132 | 52.2 | 10.091 | 2552 | | 2.0 | 6.2 | .4 | | | 90 |
| Dew Point | 5824125 | 116621 | 45.8 | 13.667 | 2552 | | 16.7 | 3.3 | .0 | | | 90 |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | N,V 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 | | | | | |
| 84/ 83 | | | | | | .0 | .0 | | | | | | | | | | | | 2 | 2 | | |
| 82/ 81 | | | | | .1 | .0 | .1 | .1 | .1 | | | | | | | | | | 9 | 9 | | |
| 80/ 79 | | | .0 | .1 | .3 | .5 | .2 | .2 | .1 | .3 | .0 | | | | | | | | 37 | 37 | | |
| 78/ 77 | | | .1 | .1 | .5 | .7 | .4 | .2 | .2 | | .0 | | | | | | | | 74 | 75 | | |
| 76/ 75 | | | .2 | .6 | 1.0 | .7 | .5 | .6 | .2 | .1 | | | | | | | | | 99 | 101 | 2 | |
| 74/ 73 | | .1 | .4 | 1.1 | 1.3 | 1.1 | 1.1 | .9 | .4 | .2 | .1 | | | | | | | | 165 | 171 | 13 | 3 |
| 72/ 71 | | .1 | .8 | 1.2 | 1.5 | 1.0 | 1.1 | .8 | .7 | .3 | .1 | | | | | | | | 203 | 206 | 36 | 7 |
| 70/ 69 | .0 | .6 | 1.1 | 2.1 | 1.5 | 1.0 | 1.2 | .8 | .4 | .2 | .1 | | | | | | | | 230 | 236 | 73 | 28 |
| 68/ 67 | .1 | .4 | .9 | 1.5 | 1.5 | 1.7 | 1.3 | .7 | .7 | .2 | | | | | | | | | 230 | 234 | 128 | 64 |
| 66/ 65 | .0 | .8 | 1.0 | .9 | 1.4 | 1.5 | 1.3 | .9 | .8 | .3 | | | | | | | | | 223 | 230 | 146 | 78 |
| 64/ 63 | .3 | .4 | .8 | .5 | 1.3 | 1.9 | 1.0 | 1.1 | .6 | .1 | | | | | | | | | 202 | 206 | 197 | 121 |
| 62/ 61 | .0 | .6 | .2 | .9 | 1.0 | 1.6 | 1.1 | 1.0 | .4 | .0 | | | | | | | | | 177 | 182 | 192 | 112 |
| 60/ 59 | .2 | .5 | .5 | .3 | .5 | 1.4 | 1.3 | 1.1 | .4 | | | | | | | | | | 172 | 176 | 168 | 160 |
| 58/ 57 | .1 | .2 | .4 | .3 | .8 | 1.2 | 1.7 | .9 | .2 | | | | | | | | | | 144 | 144 | 208 | 148 |
| 56/ 55 | .2 | .2 | .4 | .4 | .6 | 1.1 | 1.7 | .6 | .1 | | | | | | | | | | 137 | 140 | 175 | 112 |
| 54/ 53 | .0 | .3 | .4 | .3 | 1.1 | 1.7 | 1.4 | .5 | .0 | | | | | | | | | | 147 | 149 | 169 | 127 |
| 52/ 51 | .1 | .1 | .2 | .2 | .6 | .3 | .7 | .3 | | | | | | | | | | | 77 | 79 | 157 | 124 |
| 50/ 49 | .1 | .4 | .1 | .0 | .4 | .7 | .7 | .2 | | | | | | | | | | | 64 | 66 | 161 | 131 |
| 48/ 47 | .2 | .2 | .2 | .2 | .1 | .9 | .3 | | | | | | | | | | | | 54 | 54 | 166 | 128 |
| 46/ 45 | .2 | .4 | .3 | | .4 | .5 | .1 | | | | | | | | | | | | 47 | 49 | 145 | 123 |
| 44/ 43 | .1 | .1 | .1 | | .1 | .5 | .1 | | | | | | | | | | | | 26 | 26 | 145 | 106 |
| 42/ 41 | | | | | .1 | .3 | | | | | | | | | | | | | 11 | 11 | 99 | 94 |
| 40/ 39 | | | | .0 | .1 | .1 | | | | | | | | | | | | | 6 | 6 | 60 | 108 |
| 38/ 37 | | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 50 | 98 |
| 36/ 35 | | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 20 | 117 |
| 34/ 33 | | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 23 | 90 |
| 32/ 31 | | | | | .0 | | | | | | | | | | | | | | 1 | 1 | 7 | 79 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 | 63 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | 70 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 1 | 61 |
| 24/ 23 | | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 44 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 | 45 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 2 | 30 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 26 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
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# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-46,49-72 YEARS — NOV MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 20 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 12 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 9 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 5 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.3 | 5.5 | 8.2 | 11.7 | 16.7 | 21.0 | 17.8 | 10.9 | 5.2 | 1.4 | .4 | | | | | | 2548 | 2596 | 2548 | 2548 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 6786455 | 141791 | 55.6 | 18.757 | 2548 | | | | | | | |
| Dry Bulb | 10664189 | 164619 | 63.5 | 8.777 | 2596 | | .1 | 37.1 | 13.7 | 1.1 | | 90 |
| Wet Bulb | 7810073 | 139080 | 54.6 | 9.263 | 2548 | | .5 | 8.9 | .5 | | | 90 |
| Dew Point | 5900251 | 117393 | 46.1 | 13.094 | 2548 | .0 | 16.6 | 3.6 | .1 | | | 90 |

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

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# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 1 | 1500-1700 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | .1 | | .1 | .1 | .1 | | | | | | | | | 9 | 9 | | |
| 80/ 79 | | | .0 | | | .1 | | | .1 | | | | | | | | | 5 | 5 | | |
| 78/ 77 | | | .1 | .2 | .3 | .2 | .1 | .0 | | .1 | | | | | | | | 26 | 26 | | |
| 76/ 75 | | .0 | .3 | .5 | .4 | .4 | .2 | .2 | .0 | .0 | | | | | | | | 51 | 51 | 1 | |
| 74/ 73 | | | .3 | .8 | .9 | .5 | .2 | .4 | .2 | .0 | .0 | | | | | | | 86 | 91 | 7 | 3 |
| 72/ 71 | | .3 | .9 | 1.1 | 1.1 | .5 | .4 | .1 | .4 | .1 | .0 | | | | | | | 127 | 130 | 19 | 3 |
| 70/ 69 | | .7 | 2.1 | 1.7 | 1.6 | .8 | .7 | .5 | .3 | .2 | .0 | | | | | | | 219 | 227 | 53 | 22 |
| 68/ 67 | .2 | 1.1 | 1.8 | 1.8 | 1.3 | .9 | .5 | .5 | .3 | .0 | .1 | | | | | | | 218 | 224 | 109 | 55 |
| 66/ 65 | .2 | 1.5 | 2.0 | 2.0 | 1.8 | 1.0 | .8 | .4 | .3 | .3 | .0 | | | | | | | 265 | 267 | 161 | 88 |
| 64/ 63 | .3 | 1.2 | 2.0 | 1.5 | 1.8 | 1.1 | 1.0 | .4 | .2 | .1 | | | | | | | | 246 | 252 | 175 | 139 |
| 62/ 61 | .4 | 1.2 | 1.2 | 2.0 | 1.2 | .9 | .9 | .9 | .3 | .0 | | | | | | | | 229 | 233 | 220 | 139 |
| 60/ 59 | .1 | .4 | .9 | 1.5 | 1.2 | 1.0 | 1.5 | .7 | .3 | | | | | | | | | 193 | 197 | 196 | 171 |
| 58/ 57 | .1 | .4 | .8 | .9 | 1.0 | 1.3 | 1.3 | .6 | .3 | | | | | | | | | 167 | 168 | 177 | 161 |
| 56/ 55 | .0 | .6 | .8 | 1.1 | 1.0 | 1.3 | 1.0 | .5 | .0 | | | | | | | | | 163 | 167 | 191 | 131 |
| 54/ 53 | .1 | .2 | .7 | .7 | .9 | 1.3 | 1.1 | .3 | .0 | | | | | | | | | 135 | 136 | 165 | 128 |
| 52/ 51 | .2 | .4 | .5 | .4 | .8 | .9 | .9 | .1 | | | | | | | | | | 109 | 111 | 160 | 155 |
| 50/ 49 | .0 | .6 | .9 | .4 | 1.1 | .8 | .6 | .1 | | | | | | | | | | 113 | 114 | 158 | 121 |
| 48/ 47 | .1 | .3 | .4 | .4 | .7 | .6 | .2 | | | | | | | | | | | 71 | 74 | 182 | 118 |
| 46/ 45 | .1 | .4 | .2 | .2 | .3 | .5 | .2 | | | | | | | | | | | 47 | 47 | 154 | 109 |
| 44/ 43 | .1 | .2 | .0 | .2 | .3 | .4 | .0 | | | | | | | | | | | 32 | 32 | 127 | 110 |
| 42/ 41 | .0 | .0 | .1 | .1 | .2 | | | | | | | | | | | | | 13 | 13 | 107 | 113 |
| 40/ 39 | | .1 | .0 | .0 | .2 | | | | | | | | | | | | | 10 | 10 | 83 | 80 |
| 38/ 37 | | | | .1 | .0 | | | | | | | | | | | | | 4 | 4 | 37 | 95 |
| 36/ 35 | | | | .0 | | .1 | | | | | | | | | | | | 3 | 3 | 31 | 115 |
| 34/ 33 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | 19 | 72 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 5 | 87 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 2 | 60 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | 2 | 59 |
| 26/ 25 | | | | .1 | | | | | | | | | | | | | | 2 | 2 | 1 | 61 |
| 24/ 23 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | 26 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 36 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 35 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 14 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 22 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)

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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 8 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 1 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 2 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 2.0 | 9.7 | 16.2 | 18.0 | 18.3 | 14.7 | 11.5 | 5.6 | 2.9 | .9 | .2 | | | | | | | 2545 | 2595 | 2545 | 2545 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10873666 | 158758 | 62.4 | 19.530 | 2545 | | | | | | | |
| Dry Bulb | 9959191 | 159321 | 61.4 | 8.275 | 2595 | | .1 | 26.5 | 6.3 | .3 | | 90 |
| Wet Bulb | 7676770 | 137874 | 54.2 | 9.032 | 2545 | | .5 | 6.7 | .3 | | | 90 |
| Dew Point | 6123114 | 120074 | 47.2 | 13.417 | 2545 | .0 | 14.7 | 2.9 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV 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 |
| 76/ 75 | | .2 | .1 | | .0 | | | | | | | | | | | | | 8 | 8 | | |
| 74/ 73 | | | .1 | .1 | | | | | | | | | | | | | | 5 | 5 | 4 | 3 |
| 72/ 71 | | .2 | .6 | .1 | .0 | | | | | | | | | | | | | 24 | 24 | 4 | 2 |
| 70/ 69 | .4 | 1.1 | 1.7 | .2 | .0 | .0 | .0 | | | | | | | | | | | 85 | 93 | 22 | 13 |
| 68/ 67 | .1 | 2.0 | 2.1 | .4 | .2 | | .1 | .1 | | | | | | | | | | 131 | 132 | 71 | 49 |
| 66/ 65 | .5 | 3.0 | 2.3 | .8 | .2 | .1 | .1 | | | | | | | | | | | 176 | 179 | 121 | 90 |
| 64/ 63 | .8 | 2.8 | 2.4 | .5 | .0 | .0 | .1 | .1 | | | | | | | | | | 171 | 179 | 140 | 133 |
| 62/ 61 | .6 | 2.9 | 2.1 | .9 | .2 | .1 | | | | | | | | | | | | 172 | 179 | 181 | 131 |
| 60/ 59 | .3 | 2.7 | 2.4 | 1.1 | .4 | .2 | .1 | | .0 | | | | | | | | | 182 | 186 | 148 | 155 |
| 58/ 57 | .3 | 2.1 | 2.2 | 1.0 | .5 | .2 | | .0 | .0 | | | | | | | | | 164 | 166 | 160 | 146 |
| 56/ 55 | .3 | 2.1 | 1.5 | 1.1 | .6 | .2 | .1 | .1 | | | | | | | | | | 152 | 153 | 151 | 136 |
| 54/ 53 | .3 | 2.5 | 1.5 | 1.1 | .7 | .2 | .1 | .1 | | | | | | | | | | 164 | 167 | 158 | 141 |
| 52/ 51 | .4 | 2.0 | .9 | 1.2 | .7 | .1 | .1 | .1 | | | | | | | | | | 138 | 145 | 146 | 127 |
| 50/ 49 | .6 | 2.2 | 1.9 | 1.6 | .8 | .2 | .1 | | | | | | | | | | | 185 | 188 | 158 | 153 |
| 48/ 47 | .4 | 2.6 | 1.3 | .8 | .5 | .1 | | | | | | | | | | | | 142 | 143 | 132 | 111 |
| 46/ 45 | .7 | 2.0 | 1.4 | 1.2 | .4 | | .0 | | | | | | | | | | | 146 | 149 | 190 | 143 |
| 44/ 43 | .6 | 1.7 | 1.2 | 1.0 | .3 | | | | | | | | | | | | | 123 | 126 | 147 | 133 |
| 42/ 41 | .2 | 1.6 | 1.3 | .7 | .3 | .1 | | | | | | | | | | | | 106 | 109 | 135 | 123 |
| 40/ 39 | .2 | 1.4 | 1.3 | .6 | .0 | | | | | | | | | | | | | 89 | 91 | 143 | 124 |
| 38/ 37 | .2 | 1.0 | .9 | .5 | .1 | | | | | | | | | | | | | 68 | 68 | 103 | 112 |
| 36/ 35 | .2 | .8 | .2 | .2 | .1 | | | | | | | | | | | | | 36 | 37 | 62 | 127 |
| 34/ 33 | .1 | .4 | .0 | .1 | | | | | | | | | | | | | | 31 | 31 | 56 | 83 |
| 32/ 31 | | .4 | .2 | .0 | .0 | | | | | | | | | | | | | 17 | 17 | 32 | 30 |
| 30/ 29 | .0 | .2 | .0 | .0 | | | | | | | | | | | | | | 8 | 8 | 28 | 72 |
| 28/ 27 | | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 9 | 33 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | 3 | 30 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 31 |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | | 27 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 2 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 5 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 2 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH

PAGE 2 | 1800-2000 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 87 | 7 | | | | | | | | | | | | | | | | | | | | 1 |
| 2/ | 1 | | | | | | | | | | | | | | | | | | | | 3 |
| TOTAL | 7. | 138. | 130. | 315. | 6.2 | 1.2 | .8 | .6 | .1 | | | | | | | | | 2532 | 2583 | 2532 | 2532 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 16713172 | 202342 | 79.9 | 14.650 | 2532 | | | | | | | |
| Dry Bulb | 7792819 | 139577 | 54.6 | 9.850 | 2583 | | 1.1 | 9.0 | .5 | | | 90 |
| Wet Bulb | 6738941 | 128571 | 50.6 | 10.141 | 2532 | | 2.8 | 3.6 | .1 | | | 90 |
| Dew Point | 6092568 | 120352 | 47.5 | 12.123 | 2532 | | 10.9 | 2.4 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | NOV MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 76/ 75 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 74/ 73 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 3 | 3 |
| 72/ 71 | | .2 | .3 | | | | | | | | | | | | | | | 13 | 13 | 3 | 1 |
| 70/ 69 | .2 | 1.4 | .9 | .0 | | | | | | | | | | | | | | 64 | 67 | 22 | 15 |
| 68/ 67 | .3 | 1.1 | 1.5 | .2 | | | | | | | | | | | | | | 79 | 80 | 54 | 39 |
| 66/ 65 | .7 | 2.7 | 1.0 | .6 | .0 | .0 | | | | | | | | | | | | 130 | 131 | 80 | 68 |
| 64/ 63 | 1.2 | 3.2 | 1.1 | .4 | .0 | .1 | .1 | | | | | | | | | | | 153 | 157 | 151 | 112 |
| 62/ 61 | .9 | 2.8 | 1.4 | .5 | .1 | .1 | | | | | | | | | | | | 147 | 149 | 132 | 142 |
| 60/ 59 | .6 | 3.0 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | | 154 | 158 | 129 | 104 |
| 58/ 57 | .4 | 2.2 | 1.8 | .6 | .2 | .1 | | | | | | | | | | | | 134 | 139 | 119 | 124 |
| 56/ 55 | .3 | 2.4 | 1.5 | .9 | .2 | .1 | | | | | | | | | | | | 152 | 154 | 135 | 118 |
| 54/ 53 | .2 | 2.1 | 1.4 | .5 | .3 | .1 | | | | | | | | | | | | 131 | 134 | 144 | 122 |
| 52/ 51 | .6 | 1.7 | 1.0 | .7 | .3 | .2 | .0 | | | | | | | | | | | 119 | 122 | 146 | 126 |
| 50/ 49 | .9 | 2.5 | 1.3 | .8 | .2 | .1 | .1 | | | | | | | | | | | 149 | 153 | 133 | 131 |
| 48/ 47 | .7 | 2.9 | 1.2 | 1.0 | .2 | .1 | .0 | | | | | | | | | | | 158 | 162 | 130 | 120 |
| 46/ 45 | .7 | 3.0 | 1.7 | .7 | .2 | .2 | | | | | | | | | | | | 166 | 169 | 165 | 138 |
| 44/ 43 | .7 | 2.7 | 1.4 | 1.0 | .3 | .1 | | | | | | | | | | | | 160 | 160 | 146 | 156 |
| 42/ 41 | 1.1 | 1.9 | 1.0 | .6 | .1 | .1 | | | | | | | | | | | | 123 | 126 | 177 | 130 |
| 40/ 39 | .9 | 2.0 | 1.4 | .6 | .2 | | | | | | | | | | | | | 129 | 132 | 132 | 129 |
| 38/ 37 | .6 | 1.7 | .9 | .4 | .1 | | | | | | | | | | | | | 93 | 95 | 125 | 123 |
| 36/ 35 | .5 | 2.0 | .6 | .3 | | | | | | | | | | | | | | 86 | 88 | 114 | 129 |
| 34/ 33 | .0 | 1.8 | .6 | .1 | | | | | | | | | | | | | | 77 | 77 | 101 | 110 |
| 32/ 31 | .4 | 1.1 | .5 | .2 | | | | | | | | | | | | | | 54 | 55 | 79 | 98 |
| 30/ 29 | .2 | .9 | .1 | .1 | | | | | | | | | | | | | | 34 | 35 | 56 | 85 |
| 28/ 27 | .0 | .6 | .1 | | | | | | | | | | | | | | | 19 | 19 | 37 | 56 |
| 26/ 25 | .0 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 15 | 52 |
| 24/ 23 | .0 | .0 | | | | | | | | | | | | | | | | 2 | 2 | 7 | 33 |
| 22/ 21 | | | .0 | | | | | | | | | | | | | | | 1 | 1 | 2 | 34 |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | | 15 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 2 | 12 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | 1 | 7 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 1 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) NOV (MONTH)



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 27/ 1 | | | | | | | | | | | | | | | | | | | | | 2 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 14. | 246. | 124. | 210. | 9 2.6 | 1.5 | .2 | | | | | | | | | | | 2540 | 2591 | 2540 | 2540 |

| Element (X) | $\Sigma X'$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18278375 | 212663 | 83.7 | 13.050 | 2540 | | | | | | | |
| Dry Bulb | 7000112 | 131708 | 50.8 | 10.852 | 2591 | | 4.1 | 5.8 | .2 | | | 90 |
| Wet Bulb | 6248888 | 122860 | 46.4 | 10.981 | 2540 | | 7.1 | 2.9 | .1 | | | 90 |
| Dew Point | 5715099 | 116223 | 45.8 | 12.506 | 2540 | .0 | 14.4 | 2.1 | .1 | | | 90 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH

PAGE 1 | 0000-0200 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | | .0 | | | | | | | | | | | | | | 1 | 1 | | |
| 70/ 69 | | .0 | .2 | .0 | .0 | | | | | | | | | | | | | 6 | 6 | | |
| 68/ 67 | .1 | .4 | .3 | .2 | .0 | | | | | | | | | | | | | 25 | 25 | 9 | 5 |
| 66/ 65 | .3 | 1.3 | .3 | .1 | | | | | | | | | | | | | | 54 | 54 | 26 | 21 |
| 64/ 63 | .4 | 1.3 | .4 | .1 | .0 | | | | | | | | | | | | | 58 | 59 | 57 | 46 |
| 62/ 61 | .8 | 1.8 | .5 | .1 | .1 | .0 | | | | | | | | | | | | 86 | 88 | 70 | 61 |
| 60/ 59 | 1.2 | 2.5 | .4 | .2 | .1 | | | | | | | | | | | | | 112 | 112 | 104 | 87 |
| 58/ 57 | .6 | 1.3 | .5 | .3 | .1 | .0 | .0 | | | | | | | | | | | 81 | 81 | 88 | 89 |
| 56/ 55 | .3 | 2.0 | .8 | .2 | .3 | .0 | | | | | | | | | | | | 108 | 110 | 77 | 82 |
| 54/ 53 | .6 | 1.7 | .7 | .3 | .3 | .2 | | | | | | | | | | | | 98 | 98 | 87 | 65 |
| 52/ 51 | .9 | 1.7 | .8 | .4 | .3 | | | | | | | | | | | | | 105 | 106 | 100 | 99 |
| 50/ 49 | 1.0 | 1.4 | 1.1 | .8 | .4 | .1 | | | | | | | | | | | | 119 | 119 | 95 | 86 |
| 48/ 47 | .8 | 2.0 | 1.0 | .5 | .5 | | | | | | | | | | | | | 125 | 126 | 102 | 80 |
| 46/ 45 | .7 | 2.2 | 1.0 | .4 | .2 | .0 | | | | | | | | | | | | 118 | 118 | 133 | 100 |
| 44/ 43 | .7 | 2.0 | 1.2 | .7 | .1 | | | | | | | | | | | | | 121 | 121 | 103 | 104 |
| 42/ 41 | 1.0 | 1.8 | 1.7 | 1.2 | .5 | | | | | | | | | | | | | 160 | 160 | 145 | 108 |
| 40/ 39 | 1.4 | 1.8 | 2.1 | 1.1 | .3 | | | | | | | | | | | | | 176 | 176 | 131 | 127 |
| 38/ 37 | .7 | 2.2 | 1.8 | .8 | .0 | | | | | | | | | | | | | 147 | 147 | 155 | 98 |
| 36/ 35 | .8 | 2.5 | 1.7 | .5 | .1 | | | | | | | | | | | | | 155 | 155 | 159 | 128 |
| 34/ 33 | .8 | 3.2 | 1.8 | .7 | .0 | | | | | | | | | | | | | 164 | 164 | 177 | 128 |
| 32/ 31 | .8 | 2.9 | 1.8 | .9 | | | | | | | | | | | | | | 154 | 155 | 181 | 151 |
| 30/ 29 | .3 | 2.5 | 2.2 | .7 | .0 | | | | | | | | | | | | | 154 | 154 | 153 | 150 |
| 28/ 27 | 1.0 | 2.0 | 1.1 | .2 | | | | | | | | | | | | | | 111 | 111 | 141 | 118 |
| 26/ 25 | .3 | 1.3 | .5 | .0 | | | | | | | | | | | | | | 56 | 56 | 122 | 154 |
| 24/ 23 | .4 | .8 | .2 | .0 | | | | | | | | | | | | | | 38 | 38 | 91 | 107 |
| 22/ 21 | .3 | .5 | .1 | | | | | | | | | | | | | | | 23 | 23 | 33 | 92 |
| 20/ 19 | .3 | .4 | .1 | | | | | | | | | | | | | | | 22 | 22 | 28 | 69 |
| 18/ 17 | .1 | .3 | | | | | | | | | | | | | | | | 9 | 9 | 16 | 70 |
| 16/ 15 | | .2 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 38 |
| 14/ 13 | .0 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 5 | 38 |
| 12/ 11 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 8 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | > 80 F | > 93 F | Total |
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) 84 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH

PAGE 2 | 0000-0200 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | | | | | |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | | 2 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 17. | 34. | 4. | 23. | 9. | 10.6 | 3.5 | .5 | .0 | | | | | | | | | | 2595 | 2602 | 2595 | 2595 |

| Element (X) | $\Sigma x^1$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 17716404 | 210584 | 81.1 | 15.354 | 2595 | | | | | | | |
| Dry Bulb | 5157503 | 111657 | 42.9 | 11.365 | 2602 | | 20.6 | 1.1 | | | | 93 |
| Wet Bulb | 4646613 | 105295 | 40.6 | 12.010 | 2595 | | 27.8 | .3 | | | | 93 |
| Dew Point | 4097536 | 96342 | 37.1 | 14.169 | 2595 | .1 | 38.7 | .2 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-46,49-72 — YEARS
DEC — MONTH
PAGE 1
0300-0500 — HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 72/ 71 | | | .1 | | | | | | | | | | | | | | | 3 | 3 | | |
| 70/ 69 | | | .1 | | .0 | | | | | | | | | | | | | 3 | 3 | | |
| 68/ 67 | | .5 | .3 | .1 | | | | | | | | | | | | | | 23 | 23 | 3 | |
| 66/ 65 | .3 | 1.4 | .6 | | | | | | | | | | | | | | | 58 | 58 | 34 | 24 |
| 64/ 63 | .3 | 1.4 | .4 | | | | | | | | | | | | | | | 55 | 56 | 57 | 47 |
| 62/ 61 | .6 | 1.5 | .5 | | .2 | | | | | | | | | | | | | 71 | 72 | 70 | 56 |
| 60/ 59 | 1.3 | 1.9 | .3 | .1 | .1 | | | | | | | | | | | | | 95 | 95 | 80 | 89 |
| 58/ 57 | .9 | 1.6 | .9 | .2 | .1 | | | | | | | | | | | | | 90 | 90 | 86 | 78 |
| 56/ 55 | .7 | 1.4 | .5 | .2 | .2 | .0 | | | | | | | | | | | | 82 | 82 | 78 | 74 |
| 54/ 53 | .5 | 1.7 | .5 | .2 | .2 | .1 | | | | | | | | | | | | 83 | 83 | 74 | 57 |
| 52/ 51 | .8 | 1.6 | .6 | .3 | .4 | .1 | | | | | | | | | | | | 98 | 98 | 80 | 89 |
| 50/ 49 | 1.4 | 1.7 | .9 | .5 | .3 | | | | | | | | | | | | | 123 | 126 | 101 | 91 |
| 48/ 47 | .8 | 1.6 | .4 | .8 | .3 | | | | | | | | | | | | | 100 | 100 | 92 | 74 |
| 46/ 45 | 1.0 | 1.7 | .5 | .6 | .3 | | | | | | | | | | | | | 106 | 106 | 105 | 92 |
| 44/ 43 | .8 | 2.1 | .9 | .7 | .1 | | | | | | | | | | | | | 112 | 112 | 99 | 88 |
| 42/ 41 | 1.0 | 2.4 | 1.5 | .5 | .2 | | | | | | | | | | | | | 143 | 143 | 133 | 85 |
| 40/ 39 | 1.2 | 2.5 | 2.0 | 1.1 | .3 | | | | | | | | | | | | | 185 | 185 | 135 | 115 |
| 38/ 37 | 1.5 | 2.6 | 1.6 | .5 | .2 | | | | | | | | | | | | | 164 | 164 | 171 | 119 |
| 36/ 35 | .9 | 2.5 | 1.5 | .6 | | | | | | | | | | | | | | 140 | 140 | 158 | 134 |
| 34/ 33 | .7 | 3.1 | 2.0 | .6 | | | | | | | | | | | | | | 164 | 164 | 164 | 14. |
| 32/ 31 | .7 | 3.3 | 1.7 | .3 | | | | | | | | | | | | | | 155 | 158 | 165 | 130 |
| 30/ 29 | .6 | 3.0 | 1.9 | .5 | | | | | | | | | | | | | | 144 | 144 | 162 | 161 |
| 28/ 27 | 1.1 | 2.8 | 1.4 | .4 | | | | | | | | | | | | | | 144 | 149 | 160 | 127 |
| 26/ 25 | .7 | 2.1 | .9 | .0 | | | | | | | | | | | | | | 96 | 97 | 137 | 147 |
| 24/ 23 | .4 | 1.2 | .4 | | | | | | | | | | | | | | | 53 | 53 | 97 | 120 |
| 22/ 21 | .4 | 1.0 | | | | | | | | | | | | | | | | 35 | 35 | 68 | 86 |
| 20/ 19 | .3 | .4 | .2 | | | | | | | | | | | | | | | 24 | 24 | 35 | 74 |
| 18/ 17 | .2 | .2 | .0 | | | | | | | | | | | | | | | 10 | 10 | 12 | 110 |
| 16/ 15 | .1 | .2 | .0 | | | | | | | | | | | | | | | 10 | 10 | 11 | 55 |
| 14/ 13 | | .2 | .1 | | | | | | | | | | | | | | | 6 | 6 | 6 | 40 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | 5 | 25 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 1 | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 10 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 15 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF 1-75 FORM ARE OBSOLETE
USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 3 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| 07 -1 | | | | | | | | | | | | | | | | | | | | | 1 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 2 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 19. | 147. | 422. | 3 | 8.1 | 2.8 | .2 | | | | | | | | | | | | 2589 | | 2579 |
| | | | | | | | | | | | | | | | | | | 2579 | | 2579 | |

| Element (X) | $\Sigma x^2$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum | 18012154 | 212131 | 82.3 | 14.787 | 2579 | | | | | | | |
| Dry Bulb | 4875752 | 107842 | 41.7 | 12.176 | 2589 | | 24.6 | 1.0 | | | | 93 |
| Wet Bulb | 4429040 | 102100 | 39.6 | 12.252 | 2579 | | 31.0 | .1 | | | | 93 |
| Dew Point | 3929922 | 93698 | 36.3 | 14.281 | 2579 | .2 | 40.5 | | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 78/ 77 | | | | | | .0 | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | | | .0 | .0 | | | | | | | | | | | | | | 2 | 2 | | |
| 70/ 69 | | .1 | .2 | .0 | | | | | | | | | | | | | | 9 | 9 | | |
| 68/ 67 | .0 | .2 | .2 | | | | | | | | | | | | | | | 12 | 12 | 5 | 3 |
| 66/ 65 | .2 | 1.3 | .6 | .1 | | | | | | | | | | | | | | 59 | 59 | 28 | 13 |
| 64/ 63 | .3 | 1.0 | .5 | .1 | .0 | | .0 | | | | | | | | | | | 74 | 76 | 60 | 53 |
| 62/ 61 | .9 | 1.2 | .2 | .3 | .0 | | | | | | | | | | | | | 71 | 72 | 83 | 78 |
| 60/ 59 | .8 | 1.6 | .2 | .1 | | | | | | | | | | | | | | 73 | 73 | 72 | 72 |
| 58/ 57 | .7 | 1.6 | .9 | .1 | | | | | | | | | | | | | | 87 | 87 | 73 | 75 |
| 56/ 55 | .7 | 1.9 | .5 | .1 | .0 | | .0 | | | | | | | | | | | 88 | 88 | 76 | 66 |
| 54/ 53 | .7 | 1.7 | .6 | .2 | .0 | | .0 | | | | | | | | | | | 89 | 90 | 94 | 71 |
| 52/ 51 | .9 | 1.9 | .3 | .2 | .2 | .2 | | | | | | | | | | | | 98 | 99 | 92 | 100 |
| 50/ 49 | .7 | 2.1 | .6 | .4 | .5 | .0 | .0 | | | | | | | | | | | 113 | 115 | 82 | 86 |
| 48/ 47 | .8 | 2.0 | .7 | .5 | .1 | .0 | | | | | | | | | | | | 109 | 109 | 97 | 83 |
| 46/ 45 | .8 | 1.8 | .6 | .8 | .2 | .0 | | | | | | | | | | | | 120 | 120 | 101 | 86 |
| 44/ 43 | .9 | 2.0 | 1.1 | .3 | .2 | | .0 | | | | | | | | | | | 126 | 126 | 108 | 97 |
| 42/ 41 | 1.0 | 2.3 | 1.2 | .9 | .2 | .0 | | | | | | | | | | | | 150 | 150 | 143 | 86 |
| 40/ 39 | .8 | 2.6 | 1.9 | .6 | .2 | | | | | | | | | | | | | 161 | 161 | 137 | 105 |
| 38/ 37 | 1.1 | 2.8 | 1.9 | .8 | .1 | | | | | | | | | | | | | 165 | 166 | 159 | 111 |
| 36/ 35 | 1.3 | 3.3 | 1.8 | .8 | .1 | | | | | | | | | | | | | 194 | 195 | 190 | 149 |
| 34/ 33 | .8 | 3.0 | 1.4 | .6 | | | | | | | | | | | | | | 152 | 153 | 160 | 147 |
| 32/ 31 | .7 | 2.8 | 1.7 | .7 | | | | | | | | | | | | | | 158 | 158 | 174 | 150 |
| 30/ 29 | .8 | 3.3 | 1.9 | .8 | | | | | | | | | | | | | | 172 | 172 | 157 | 157 |
| 28/ 27 | .5 | 3.1 | .7 | .2 | | | | | | | | | | | | | | 117 | 117 | 174 | 102 |
| 26/ 25 | .6 | 1.5 | .9 | .1 | | | | | | | | | | | | | | 84 | 84 | 137 | 141 |
| 24/ 23 | .3 | 2.0 | .4 | | | | | | | | | | | | | | | 72 | 72 | 82 | 128 |
| 22/ 21 | .4 | .9 | .3 | | | | | | | | | | | | | | | 42 | 42 | 61 | 109 |
| 20/ 19 | .2 | .3 | .0 | | | | | | | | | | | | | | | 16 | 16 | 41 | 90 |
| 18/ 17 | .2 | .2 | .1 | | | | | | | | | | | | | | | 13 | 13 | 16 | 96 |
| 16/ 15 | .1 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 65 |
| 14/ 13 | .1 | .2 | .0 | | | | | | | | | | | | | | | 8 | 8 | 9 | 44 |
| 12/ 11 | | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 26 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | 3 | 8 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 15 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 67/ 5 | | | | | | | | | | | | | | | | | | | | | 11 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 7 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 6 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 |
| -6/ -7 | | | | | | | | | | | | | | | | | | | | | 2 |
| -8/ -9 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 17. | 49. | 821.9 | 8.5 | 1.6 | .3 | .2 | | | | | | | | | | | 2644 | 2654 | | 2644 |
| | | | | | | | | | | | | | | | | | | 2644 | | 2644 | |

| Element (X) | $\Sigma_{X'}$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 18401339 | 217117 | 82.1 | 14.716 | 2644 | | | | | | | |
| Dry Bulb | 4982569 | 110389 | 41.6 | 12.142 | 2654 | | 24.2 | .8 | .0 | | | 93 |
| Wet Bulb | 4518322 | 104394 | 39.5 | 12.248 | 2644 | | 31.1 | .2 | | | | 93 |
| Dew Point | 4007436 | 95710 | 36.2 | 14.331 | 2644 | .1 | 40.8 | .1 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH

PAGE 1 | 0900-1100 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 80/ 79 | | | | | .0 | | | | | | | | | | | | | 1 | 1 | | |
| 78/ 77 | | | | | .1 | | | | | | | | | | | | | 2 | 2 | | |
| 76/ 75 | | | | .1 | | .1 | | | | | | | | | | | | 5 | 5 | | |
| 74/ 73 | | | .1 | .2 | .1 | .1 | .0 | | | | | | | | | | | 13 | 13 | | |
| 72/ 71 | | .1 | .4 | .4 | .2 | .3 | .0 | | | | | | | | | | | 39 | 39 | 2 | |
| 70/ 69 | .0 | .5 | .4 | .5 | .1 | .1 | | | | | | | | | | | | 48 | 48 | 10 | 2 |
| 68/ 67 | .1 | .8 | 1.0 | .4 | .3 | .3 | | | .0 | | | | | | | | | 76 | 76 | 44 | 18 |
| 66/ 65 | .2 | .9 | 1.0 | .8 | .3 | .1 | .0 | .0 | .1 | | | | | | | | | 92 | 94 | 80 | 48 |
| 64/ 63 | .3 | 1.0 | 1.0 | .7 | .3 | .4 | .2 | .1 | .1 | | | | | | | | | 106 | 107 | 83 | 52 |
| 62/ 61 | .1 | 1.0 | .9 | .8 | .3 | .3 | .3 | .1 | | | | | | | | | | 118 | 119 | 81 | 65 |
| 60/ 59 | .4 | 1.4 | 1.1 | .5 | .3 | .4 | .2 | .1 | | | | | | | | | | 120 | 120 | 118 | 80 |
| 58/ 57 | .3 | 1.4 | .8 | .7 | .4 | .5 | .3 | .0 | | | | | | | | | | 127 | 128 | 102 | 87 |
| 56/ 55 | .6 | 1.3 | .9 | 1.0 | 1.0 | .7 | .6 | .1 | | | | | | | | | | 166 | 167 | 118 | 121 |
| 54/ 53 | .2 | 1.3 | .7 | .9 | .7 | 1.0 | .4 | .0 | | | | | | | | | | 142 | 144 | 93 | 87 |
| 52/ 51 | .4 | .9 | .9 | 1.2 | 1.1 | .7 | .2 | | | | | | | | | | | 147 | 147 | 100 | 98 |
| 50/ 49 | .5 | 1.3 | 1.2 | 1.2 | 1.6 | .7 | .1 | | | | | | | | | | | 179 | 179 | 130 | 91 |
| 48/ 47 | .3 | 1.3 | 1.1 | 1.7 | 1.6 | .6 | .1 | | | | | | | | | | | 181 | 182 | 161 | 77 |
| 46/ 45 | .5 | 1.0 | 1.0 | 1.5 | 1.4 | .4 | .1 | | | | | | | | | | | 159 | 160 | 170 | 106 |
| 44/ 43 | .5 | 1.8 | 1.1 | 1.6 | 1.5 | .4 | .1 | | | | | | | | | | | 185 | 185 | 184 | 104 |
| 42/ 41 | .5 | 1.4 | 1.2 | 1.1 | 1.5 | .2 | .1 | | | | | | | | | | | 162 | 162 | 196 | 112 |
| 40/ 39 | .3 | 1.0 | 1.5 | 1.9 | 1.2 | .2 | .0 | | | | | | | | | | | 164 | 164 | 198 | 160 |
| 38/ 37 | .2 | .8 | 1.2 | 1.4 | .7 | .0 | | | | | | | | | | | | 115 | 115 | 154 | 122 |
| 36/ 35 | .3 | .8 | 1.0 | 1.5 | .8 | | | | | | | | | | | | | 109 | 109 | 147 | 135 |
| 34/ 33 | .2 | .4 | 1.3 | 1.0 | .3 | | | | | | | | | | | | | 83 | 88 | 153 | 140 |
| 32/ 31 | .2 | .4 | .5 | .9 | .2 | | | | | | | | | | | | | 59 | 59 | 126 | 143 |
| 30/ 29 | | .1 | .6 | .4 | .1 | | | | | | | | | | | | | 31 | 31 | 94 | 124 |
| 28/ 27 | | | .5 | .3 | | | | | | | | | | | | | | 23 | 23 | 52 | 84 |
| 26/ 25 | | | .2 | .1 | | | | | | | | | | | | | | 8 | 8 | 55 | 123 |
| 24/ 23 | | .0 | .0 | .1 | | | | | | | | | | | | | | 4 | 4 | 23 | 103 |
| 22/ 21 | | | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 9 | 87 |
| 20/ 19 | | .0 | .1 | .0 | | | | | | | | | | | | | | 5 | 5 | 5 | 67 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 8 | 46 |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 3 | 61 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 35 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_X$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH



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

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 11 | | | | | | | | | | | | | | | | | | | | | 27 |
| 107 9 | | | | | | | | | | | | | | | | | | | | | 7 |
| 87 7 | | | | | | | | | | | | | | | | | | | | | 15 |
| 67 5 | | | | | | | | | | | | | | | | | | | | | 10 |
| 47 3 | | | | | | | | | | | | | | | | | | | | | 12 |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 7 |
| 07 -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -47 -5 | | | | | | | | | | | | | | | | | | | | | 3 |
| -67 -7 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6 | 221 | 322 | 122 | 115 | 79 | 29 | 6 | 2 | | | | | | | | | | 2599 | | 2680 |
| | | | | | | | | | | | | | | | | | | 2680 | | 2680 | |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 13568512 | 183400 | 68.4 | 19.493 | 2680 | | | | | | | |
| Dry Bulb | 6926220 | 133280 | 49.5 | 10.954 | 2690 | | 4.7 | 5.4 | .7 | | | 93 |
| Wet Bulb | 5713314 | 120070 | 44.8 | 11.164 | 2680 | | 13.0 | 1.9 | | | | 93 |
| Dew Point | 4585081 | 103622 | 38.7 | 14.694 | 2680 | .2 | 33.2 | .7 | | | | 93 |

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

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) HYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (MONTH)



1200-1400 (HOURS (L. S. T.))

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | | | |
| 84/ 83 | | | | | | | .1 | | | | | | | | | | | 2 | 2 | | |
| 80/ 79 | | | | | | .1 | .1 | .0 | | | | | | | | | | 6 | 6 | | |
| 78/ 77 | | | .0 | | .1 | .1 | .1 | .1 | | | | | | | | | | 16 | 16 | | |
| 76/ 75 | | | .0 | .2 | .1 | .4 | .3 | .1 | .0 | | | | | | | | | 34 | 34 | | |
| 74/ 73 | | .0 | .1 | .3 | .3 | .3 | .3 | .2 | | | | | | | | | | 40 | 40 | 1 | |
| 72/ 71 | | .0 | .3 | .6 | .5 | .4 | .2 | .1 | .0 | | | | | | | | | 61 | 61 | 6 | 1 |
| 70/ 69 | | .4 | .9 | .9 | .8 | .6 | .4 | .2 | | .1 | | | | | | | | 112 | 112 | 24 | 5 |
| 68/ 67 | .0 | .4 | .9 | .4 | .8 | .7 | .2 | .4 | .2 | .1 | .1 | | | | | | | 112 | 112 | 46 | 25 |
| 66/ 65 | .0 | .9 | .5 | .9 | .7 | .7 | .3 | .4 | .4 | | | | | | | | | 134 | 135 | 87 | 33 |
| 64/ 63 | .0 | .9 | .6 | 1.3 | .7 | .6 | .4 | .7 | .2 | .1 | | | | | | | | 148 | 151 | 106 | 62 |
| 62/ 61 | .2 | 1.1 | .6 | .6 | .7 | .5 | .8 | .7 | .2 | | | | | | | | | 151 | 151 | 109 | 92 |
| 60/ 59 | .5 | .8 | .6 | .9 | .7 | 1.4 | 1.0 | .8 | .2 | .1 | | | | | | | | 189 | 190 | 137 | 98 |
| 58/ 57 | .3 | .9 | .8 | 1.0 | .8 | 1.3 | 1.3 | .7 | .2 | | | | | | | | | 196 | 197 | 107 | 107 |
| 56/ 55 | .3 | .6 | .6 | 1.2 | 1.3 | 2.0 | 1.1 | .6 | | | | | | | | | | 202 | 202 | 133 | 107 |
| 54/ 53 | .3 | .5 | 1.1 | .9 | 1.3 | 1.7 | .9 | .2 | | | | | | | | | | 183 | 183 | 115 | 106 |
| 52/ 51 | .1 | .6 | .9 | .9 | 1.3 | 1.8 | .9 | .1 | .0 | | | | | | | | | 181 | 181 | 126 | 74 |
| 50/ 49 | .2 | 1.0 | .4 | 1.0 | 1.3 | 2.3 | .6 | .2 | | | | | | | | | | 190 | 190 | 214 | 110 |
| 48/ 47 | .1 | .6 | .3 | 1.0 | 1.0 | 1.6 | .5 | .1 | | | | | | | | | | 144 | 144 | 203 | 94 |
| 46/ 45 | .3 | .8 | .2 | .7 | 1.6 | 1.4 | .6 | | | | | | | | | | | 149 | 149 | 206 | 128 |
| 44/ 43 | .2 | .7 | .4 | .5 | 1.2 | 1.0 | .3 | | | | | | | | | | | 118 | 118 | 190 | 97 |
| 42/ 41 | .2 | .6 | .2 | .4 | 1.1 | 1.1 | .0 | | | | | | | | | | | 96 | 96 | 195 | 119 |
| 40/ 39 | .3 | .4 | .3 | .3 | .9 | .5 | .0 | | | | | | | | | | | 72 | 72 | 153 | 117 |
| 38/ 37 | .1 | .4 | .2 | .3 | .8 | .3 | | | | | | | | | | | | 57 | 57 | 132 | 134 |
| 36/ 35 | .1 | .3 | .2 | .1 | .6 | .1 | | | | | | | | | | | | 36 | 36 | 131 | 136 |
| 34/ 33 | .0 | .1 | .2 | .3 | .2 | | | | | | | | | | | | | 21 | 21 | 85 | 126 |
| 32/ 31 | .1 | | .2 | .0 | .0 | | | | | | | | | | | | | 10 | 10 | 84 | 128 |
| 30/ 29 | .0 | .1 | .0 | .0 | | | | | | | | | | | | | | 5 | 5 | 36 | 115 |
| 28/ 27 | | .1 | .1 | .2 | | | | | | | | | | | | | | 9 | 9 | 31 | 85 |
| 26/ 25 | | | | .2 | | | | | | | | | | | | | | 6 | 6 | 9 | 108 |
| 24/ 23 | | | .1 | | | | | | | | | | | | | | | 2 | 2 | 5 | 87 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 4 | 90 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 7 | 47 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | 57 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 69 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH

PAGE 2 | 1200-1400 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 36 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 22 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 18 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 17 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 9 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 3 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 4 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 2 |
| TOTAL | 3.4 | 12.2 | 11.3 | 15.0 | 19.1 | 20.2 | 10.6 | 5.7 | 1.5 | .4 | .1 | | | | | | | 2682 | 2688 | 2682 | 2682 |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 10433413 | 157439 | 58.7 | 21.081 | 2682 | | | | | | | |
| Dry Bulb | 8404813 | 147787 | 55.0 | 10.198 | 2688 | | 1.1 | 13.3 | 3.4 | .2 | | 93 |
| Wet Bulb | 6425909 | 128335 | 47.9 | 10.311 | 2682 | | 6.1 | 2.7 | .0 | | | 93 |
| Dew Point | 4745038 | 103462 | 39.3 | 14.930 | 2682 | .2 | 31.6 | 1.1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) 201 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-46,49-72 YEARS — DEC MONTH

PAGE 1 — 1500-1700 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 82/ 81 | | | | | | | .0 | | | | | | | | | | | 1 | 1 | | |
| 80/ 79 | | | | | | .0 | | .0 | | | | | | | | | | 2 | 2 | | |
| 78/ 77 | | | | | | .1 | .1 | .0 | .0 | | .0 | | | | | | | 10 | 10 | | |
| 76/ 75 | | | | .1 | .0 | .2 | .1 | .1 | .0 | | .0 | | | | | | | 15 | 15 | | |
| 74/ 73 | | | | .1 | .0 | .1 | .1 | .1 | | .0 | | | | | | | | 11 | 11 | | |
| 72/ 71 | | .0 | .1 | .2 | .3 | .1 | .1 | .0 | .0 | | .0 | | | | | | | 28 | 28 | 3 | |
| 70/ 69 | | .1 | .4 | .5 | .3 | .2 | .1 | .0 | .0 | .0 | | | | | | | | 49 | 49 | 3 | 2 |
| 68/ 67 | | .6 | .9 | .6 | .4 | .2 | .4 | .3 | .1 | .1 | .0 | | | | | | | 96 | 96 | 23 | 7 |
| 66/ 65 | .2 | 1.0 | 1.6 | 1.1 | .5 | .3 | .2 | .1 | .0 | .1 | | | | | | | | 138 | 138 | 57 | 30 |
| 64/ 63 | .2 | 1.6 | 1.1 | .9 | .4 | .3 | .4 | .3 | .3 | .0 | | | | | | | | 151 | 155 | 96 | 35 |
| 62/ 61 | .3 | 1.6 | 1.0 | 1.1 | .6 | .6 | .5 | .3 | .1 | .0 | .0 | | | | | | | 163 | 164 | 124 | 103 |
| 60/ 59 | .3 | 1.0 | 1.5 | .9 | .7 | .9 | .6 | .7 | .1 | .1 | | | | | | | | 130 | 180 | 140 | 110 |
| 58/ 57 | .4 | 1.3 | 1.0 | 1.0 | 1.1 | 1.1 | .4 | .3 | .1 | .0 | | | | | | | | 153 | 183 | 117 | 115 |
| 56/ 55 | .3 | 1.6 | 1.0 | 1.8 | 1.7 | .7 | 1.0 | .4 | .0 | | | | | | | | | 229 | 229 | 153 | 106 |
| 54/ 53 | .2 | 1.1 | 1.6 | 1.4 | 1.3 | 1.2 | .7 | .0 | .0 | | | | | | | | | 203 | 203 | 127 | 112 |
| 52/ 51 | .3 | .9 | 1.3 | 1.7 | 1.9 | 1.4 | .5 | .2 | .0 | | | | | | | | | 216 | 218 | 150 | 123 |
| 50/ 49 | .1 | 1.0 | 1.3 | 1.7 | 1.6 | 1.3 | .8 | .1 | | | | | | | | | | 212 | 212 | 210 | 94 |
| 48/ 47 | .3 | .9 | .6 | 1.0 | 1.4 | 1.4 | .7 | .2 | | | | | | | | | | 173 | 173 | 206 | 111 |
| 46/ 45 | .1 | 1.0 | .6 | 1.3 | 1.2 | 1.2 | .3 | | | | | | | | | | | 151 | 151 | 206 | 132 |
| 44/ 43 | .0 | .7 | .6 | .9 | .9 | .8 | .1 | | | | | | | | | | | 111 | 111 | 200 | 143 |
| 42/ 41 | .4 | .8 | .5 | .4 | .7 | .9 | .0 | | | | | | | | | | | 100 | 100 | 192 | 111 |
| 40/ 39 | .3 | .6 | .3 | .6 | 1.3 | .7 | .0 | | | | | | | | | | | 104 | 105 | 169 | 164 |
| 38/ 37 | | .4 | .3 | .4 | .6 | .1 | | | | | | | | | | | | 53 | 53 | 127 | 131 |
| 36/ 35 | .1 | .4 | .3 | .3 | .4 | .0 | | | | | | | | | | | | 45 | 45 | 119 | 132 |
| 34/ 33 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 80 | 126 |
| 32/ 31 | .1 | | .2 | .1 | .0 | | | | | | | | | | | | | 12 | 12 | 89 | 138 |
| 30/ 29 | .0 | | .2 | .2 | .1 | | | | | | | | | | | | | 14 | 14 | 36 | 99 |
| 28/ 27 | | | | .3 | | | | | | | | | | | | | | 7 | 7 | 21 | 62 |
| 26/ 25 | | .1 | | .1 | | | | | | | | | | | | | | 4 | 4 | 10 | 78 |
| 24/ 23 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 10 | 78 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 9 | 64 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | 1 | 48 |
| 18/ 17 | .0 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 64 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 40 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-46,49-72 YEARS — DEC 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 36 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 23 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 14 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 18 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 13 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |
| 2/ 1 | | | | | | | | | | | | | | | | | | | | | 9 |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | | 2 |
| -2/ -3 | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 4. | 17. | 16. | 6 | 18. | 7 | 17. | 5 | 1 | .0 | 7.3 | 3.2 | .9 | .5 | .2 | | | | 2687 | | 2679 |
| | | | | | | | | | | | | | | | | | | 2679 | | 2679 | |

| Element (X) | $\Sigma x'$ | $\Sigma x$ | $\bar{x}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 12086106 | 170640 | 63.7 | 21.319 | 2679 | | | | | | | |
| Dry Bulb | 7935965 | 143799 | 53.5 | 9.460 | 2687 | | 1.3 | 1.3 | 1.3 | .1 | | 93 |
| Wet Bulb | 6296131 | 127203 | 47.5 | 9.784 | 2679 | | 6.1 | 1.0 | | | | 93 |
| Dew Point | 4862266 | 107538 | 40.1 | 14.273 | 2679 | .1 | 27.5 | .3 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (YEARS) DEC (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 | | .0 | .1 | | .1 | | | | | | | | | | | | | 6 | 6 | 1 | 1 |
| 68/ 67 | .0 | .1 | .2 | .2 | .1 | .0 | | | | | .0 | | | | | | | 21 | 21 | 3 | 3 |
| 66/ 65 | .2 | 1.0 | .7 | .1 | .1 | .0 | .0 | | | | | | | | | | | 61 | 61 | 12 | 6 |
| 64/ 63 | .5 | 2.2 | .8 | .1 | .1 | .0 | | | | .0 | .0 | | | | | | | 107 | 109 | 68 | 47 |
| 62/ 61 | .6 | 2.2 | .7 | .3 | .2 | | .1 | | | | | | | | | | | 110 | 112 | 111 | 77 |
| 60/ 59 | .7 | 2.5 | 1.3 | .3 | .3 | .1 | | | .0 | | | | | | | | | 140 | 140 | 108 | 103 |
| 58/ 57 | .7 | 1.9 | 1.1 | .4 | .2 | .2 | .1 | | | | | | | | | | | 123 | 123 | 109 | 106 |
| 56/ 55 | .6 | 2.4 | 1.3 | .4 | .3 | .1 | | .1 | | | | | | | | | | 136 | 136 | 115 | 84 |
| 54/ 53 | .7 | 2.8 | 1.7 | .7 | .7 | .0 | .1 | | | | | | | | | | | 187 | 187 | 138 | 135 |
| 52/ 51 | .5 | 1.6 | 1.6 | 1.2 | .5 | .1 | .1 | | | | | | | | | | | 152 | 152 | 131 | 116 |
| 50/ 49 | .3 | 2.2 | 1.5 | 1.4 | .5 | .2 | .0 | | | | | | | | | | | 163 | 163 | 118 | 96 |
| 48/ 47 | .6 | 2.2 | 1.9 | 1.8 | .6 | .3 | .1 | | | | | | | | | | | 201 | 201 | 161 | 117 |
| 46/ 45 | .9 | 2.2 | 1.9 | 1.0 | .8 | .1 | | | | | | | | | | | | 187 | 187 | 197 | 153 |
| 44/ 43 | .4 | 2.2 | 1.8 | 1.0 | .6 | .1 | | | | | | | | | | | | 164 | 164 | 182 | 120 |
| 42/ 41 | .8 | 2.2 | 1.8 | .9 | .6 | .1 | .0 | | | | | | | | | | | 169 | 169 | 190 | 151 |
| 40/ 39 | .3 | 2.3 | 1.5 | .9 | .5 | .1 | | | | | | | | | | | | 157 | 157 | 165 | 157 |
| 38/ 37 | .3 | 2.2 | 1.2 | 1.0 | .6 | .1 | | | | | | | | | | | | 140 | 141 | 178 | 165 |
| 36/ 35 | .8 | 1.8 | 1.3 | .7 | .4 | | | | | | | | | | | | | 124 | 124 | 159 | 153 |
| 34/ 33 | .3 | 1.8 | 1.1 | .7 | .2 | | | | | | | | | | | | | 109 | 109 | 122 | 137 |
| 32/ 31 | .3 | 1.2 | 1.0 | .5 | .1 | | | | | | | | | | | | | 82 | 82 | 113 | 112 |
| 30/ 29 | .1 | .6 | .9 | .2 | | | | | | | | | | | | | | 53 | 53 | 106 | 110 |
| 28/ 27 | .2 | .6 | .6 | .1 | | | | | | | | | | | | | | 41 | 41 | 82 | 90 |
| 26/ 25 | .0 | .3 | .2 | .2 | | | | | | | | | | | | | | 21 | 21 | 48 | 97 |
| 24/ 23 | | .1 | .1 | .0 | | | | | | | | | | | | | | 9 | 9 | 28 | 69 |
| 22/ 21 | | .1 | .1 | | | | | | | | | | | | | | | 7 | 7 | 11 | 53 |
| 20/ 19 | | .0 | .1 | | | | | | | | | | | | | | | 3 | 3 | 12 | 51 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | 5 | 43 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | 46 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 20 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 17 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 10 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 6 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 8 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 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

2

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 YEARS | DEC MONTH



1800-2000 HOURS (L. S. T.)

| Temp. (F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL D.B./W.B. | TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | | Dry Bulb | Wet Bulb | Dew Point |
| 27 1 | | | | | | | | | | | | | | | | | | | | | 4 |
| TOTAL | 9.7 | 39.4 | 26.5 | 14.5 | 7.5 | 1.6 | .6 | .1 | .0 | .0 | .1 | | | | | | | | 2678 | | 2672 |
| | | | | | | | | | | | | | | | | | | 2673 | | 2673 | |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 16975198 | 208192 | 77.9 | 16.798 | 2672 | | | | | | | |
| Dry Bulb | 6253256 | 126466 | 47.2 | 10.246 | 2678 | | 7.5 | .9 | | | | 93 |
| Wet Bulb | 5503204 | 117952 | 44.1 | 10.360 | 2673 | | 14.1 | .1 | | | | 93 |
| Dew Point | 4769592 | 107240 | 40.1 | 13.202 | 2672 | | 23.9 | .1 | | | | 95 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 47-46,49-72 YEARS — DEC MONTH — PAGE 1 — 2100-2300 HOURS (L. S. T.)

| Temp (F) | WET BULB TEMPERATURE DEPRESSION (F) 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | TOTAL D.B./W.B. | TOTAL Dry Bulb | TOTAL Wet Bulb | TOTAL Dew Point |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70/ 69 | | .1 | .0 | .0 | .0 | | | | | | | | | | | | | 5 | 5 | | |
| 68/ 67 | .1 | .1 | .2 | .1 | .1 | | | | | | | | | | | | | 16 | 16 | 5 | 4 |
| 66/ 65 | .2 | .9 | .4 | .2 | .0 | | | | | | | | | | | | | 49 | 49 | 19 | 11 |
| 64/ 63 | .0 | 1.9 | .8 | .2 | .0 | | | | | | | | | | | | | 97 | 97 | 61 | 47 |
| 62/ 61 | .3 | 2.1 | .4 | .1 | .0 | .1 | | | | | | | | | | | | 99 | 102 | 95 | 78 |
| 60/ 59 | 1.0 | 1.3 | .5 | .1 | | .1 | | | | .0 | | | | | | | | 95 | 97 | 113 | 100 |
| 58/ 57 | 1.0 | 2.4 | .7 | .2 | .0 | .1 | .0 | | .0 | | | | | | | | | 122 | 123 | 90 | 86 |
| 56/ 55 | 1.2 | 1.6 | .7 | .5 | .2 | .0 | | | | | | | | | | | | 113 | 113 | 115 | 107 |
| 54/ 53 | .7 | 2.3 | 1.1 | .5 | .7 | .1 | | | | | | | | | | | | 144 | 144 | 89 | 99 |
| 52/ 51 | .6 | 2.1 | .9 | .4 | .3 | .1 | .0 | | | | | | | | | | | 114 | 114 | 104 | 91 |
| 50/ 49 | .4 | 2.2 | 1.3 | 1.0 | .4 | .2 | .0 | | | | | | | | | | | 147 | 148 | 117 | 87 |
| 48/ 47 | .9 | 2.6 | 1.0 | 1.0 | .3 | | .0 | | | | | | | | | | | 159 | 158 | 139 | 112 |
| 46/ 45 | .7 | 1.9 | 1.2 | .7 | .2 | .1 | | | | | | | | | | | | 134 | 134 | 154 | 115 |
| 44/ 43 | .4 | 2.3 | 1.5 | 1.1 | .6 | .0 | | | | | | | | | | | | 171 | 171 | 135 | 117 |
| 42/ 41 | 1.1 | 2.0 | 1.3 | 1.2 | .5 | .1 | | | | | | | | | | | | 167 | 167 | 160 | 125 |
| 40/ 39 | .3 | 2.2 | 1.3 | 1.3 | .2 | | | | | | | | | | | | | 167 | 167 | 156 | 115 |
| 38/ 37 | .4 | 2.4 | 1.3 | 1.2 | .3 | .0 | | | | | | | | | | | | 150 | 150 | 150 | 137 |
| 36/ 35 | .7 | 2.7 | 1.0 | .9 | .0 | .1 | | | | | | | | | | | | 143 | 144 | 187 | 153 |
| 34/ 33 | .4 | 3.0 | 1.4 | .9 | .1 | | | | | | | | | | | | | 155 | 156 | 157 | 133 |
| 32/ 31 | .2 | 2.5 | 1.2 | .6 | .2 | | | | | | | | | | | | | 124 | 124 | 141 | 157 |
| 30/ 29 | .5 | 2.2 | 1.4 | .4 | | | | | | | | | | | | | | 123 | 123 | 147 | 128 |
| 28/ 27 | .7 | 1.2 | .6 | .1 | | | | | | | | | | | | | | 71 | 71 | 131 | 113 |
| 26/ 25 | .3 | 1.0 | .3 | .0 | | | | | | | | | | | | | | 42 | 42 | 89 | 124 |
| 24/ 23 | .3 | .6 | .3 | | | | | | | | | | | | | | | 29 | 29 | 58 | 98 |
| 22/ 21 | .1 | .3 | .1 | | | | | | | | | | | | | | | 13 | 13 | 21 | 75 |
| 20/ 19 | .1 | .2 | .1 | | | | | | | | | | | | | | | 14 | 14 | 20 | 62 |
| 18/ 17 | | .1 | .0 | | | | | | | | | | | | | | | 4 | 4 | 5 | 58 |
| 16/ 15 | | .0 | | | | | | | | | | | | | | | | 1 | 1 | 6 | 54 |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | 1 | 20 |
| 12/ 11 | | | | | | | | | | | | | | | | | | | | | 19 |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 9 |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | 12 |
| 6/ 5 | | | | | | | | | | | | | | | | | | | | | 12 |
| 4/ 3 | | | | | | | | | | | | | | | | | | | | | 5 |

| Element (X) | $\Sigma X^2$ | $\Sigma X$ | $\bar{X}$ | $\sigma_x$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≤ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# PSYCHROMETRIC SUMMARY

13717 STATION — MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME — 42-46,49-72 YEARS — DEC 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TOTAL | 15. | 145. | 021. | 513. | 0 | 4. | 3 | • 7 | • 1 | | • 0 | • 0 | | | | | | 2667 | 2676 | 2667 | 2665 |

| Element (X) | $\Sigma_X'$ | $\Sigma_X$ | $\bar{X}$ | $\sigma_s$ | No. Obs. | Mean No. of Hours with Temperature ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Rel. Hum. | 1808187 | 219364 | 80.8 | 15.952 | 2665 | | | | | | | |
| Dry Bulb | 5677255 | 119537 | 44.7 | 11.233 | 2676 | | 14.6 | • 7 | | | | 93 |
| Wet Bulb | 5089733 | 112441 | 42.2 | 11.446 | 2667 | | 21.6 | • 2 | | | | 93 |
| Dew Point | 4434055 | 103076 | 38.7 | 13.661 | 2665 | | 33.0 | • 1 | | | | 93 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS)

| HRS. (L S T) | | JAN. | FEB | MAR. | APR. | MAY | JUN | JUL | AUG | SEP. | OCT | NOV. | DEC. | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 42.8 | 44.3 | 49.4 | 57.4 | 65.0 | 71.7 | 74.8 | 74.0 | 69.4 | 59.0 | 49.6 | 42.9 | 58.2 |
| | S D | 11.428 | 10.816 | 10.004 | 8.579 | 6.923 | 5.286 | 4.060 | 4.440 | 6.167 | 9.319 | 11.104 | 11.865 | 14.764 |
| | TOTAL OBS | 2669 | 2440 | 2682 | 2589 | 2569 | 2469 | 2492 | 2493 | 2421 | 2518 | 2515 | 2602 | 30559 |
| 03-05 | MEAN | 41.5 | 42.8 | 47.8 | 55.4 | 63.0 | 69.7 | 73.2 | 72.4 | 67.7 | 57.5 | 48.0 | 41.7 | 56.6 |
| | S D | 11.820 | 11.360 | 10.614 | 9.134 | 7.303 | 5.638 | 4.103 | 4.506 | 6.274 | 9.545 | 11.334 | 12.176 | 14.859 |
| | TOTAL OBS | 2671 | 2439 | 2685 | 2593 | 2671 | 2473 | 2515 | 2502 | 2427 | 2523 | 2516 | 2589 | 30604 |
| 06-08 | MEAN | 41.2 | 42.6 | 48.6 | 58.0 | 66.8 | 73.7 | 76.4 | 74.9 | 69.6 | 58.7 | 48.4 | 41.6 | 58.2 |
| | S D | 11.973 | 11.408 | 10.628 | 9.067 | 7.138 | 6.015 | 4.473 | 4.891 | 6.714 | 9.383 | 11.229 | 12.142 | 15.956 |
| | TOTAL OBS | 2681 | 2438 | 2681 | 2590 | 2665 | 2516 | 2584 | 2490 | 2504 | 2580 | 2566 | 2654 | 30949 |
| 09-11 | MEAN | 48.3 | 50.4 | 56.8 | 66.5 | 74.6 | 80.8 | 83.0 | 82.3 | 77.7 | 68.6 | 58.5 | 49.5 | 66.3 |
| | S D | 11.505 | 10.721 | 10.048 | 8.074 | 6.390 | 5.577 | 4.351 | 4.793 | 6.197 | 7.888 | 9.803 | 10.954 | 15.307 |
| | TOTAL OBS | 2686 | 2435 | 2685 | 2591 | 2665 | 2538 | 2593 | 2504 | 2503 | 2584 | 2598 | 2690 | 31077 |
| 12-14 | MEAN | 53.2 | 55.0 | 60.1 | 69.1 | 76.6 | 82.5 | 84.7 | 84.2 | 80.5 | 72.8 | 63.5 | 55.0 | 69.6 |
| | S D | 10.967 | 9.890 | 9.284 | 7.680 | 6.218 | 5.563 | 4.652 | 4.713 | 5.556 | 7.007 | 8.777 | 10.198 | 13.983 |
| | TOTAL OBS | 2676 | 2439 | 2680 | 2591 | 2662 | 2535 | 2586 | 2488 | 2497 | 2584 | 2596 | 2688 | 31022 |
| 15-17 | MEAN | 52.2 | 54.4 | 59.3 | 67.9 | 75.2 | 81.0 | 83.2 | 82.8 | 79.1 | 71.2 | 61.4 | 53.5 | 68.3 |
| | S D | 9.785 | 8.855 | 8.424 | 7.183 | 5.595 | 5.217 | 4.479 | 4.371 | 5.187 | 6.638 | 8.275 | 9.460 | 13.514 |
| | TOTAL OBS | 2681 | 2431 | 2677 | 2589 | 2669 | 2539 | 2598 | 2503 | 2507 | 2583 | 2595 | 2687 | 31059 |
| 18-20 | MEAN | 46.7 | 49.0 | 54.6 | 63.1 | 70.9 | 77.3 | 79.7 | 79.0 | 74.5 | 64.3 | 54.0 | 47.2 | 63.2 |
| | S D. | 9.845 | 8.659 | 8.107 | 6.845 | 5.432 | 4.562 | 3.858 | 3.994 | 5.485 | 8.080 | 9.850 | 10.246 | 14.322 |
| | TOTAL OBS | 2679 | 2426 | 2677 | 2586 | 2668 | 2543 | 2589 | 2494 | 2495 | 2577 | 2583 | 2678 | 30995 |
| 21-23 | MEAN | 44.1 | 46.0 | 51.5 | 59.8 | 67.5 | 74.1 | 76.7 | 76.0 | 71.5 | 60.7 | 50.8 | 44.7 | 60.1 |
| | S D. | 10.964 | 9.971 | 9.088 | 7.787 | 6.182 | 4.644 | 3.754 | 4.195 | 6.061 | 9.006 | 10.852 | 11.233 | 14.671 |
| | TOTAL OBS | 2673 | 2426 | 2683 | 2585 | 2669 | 2531 | 2540 | 2508 | 2476 | 2560 | 2591 | 2676 | 30918 |
| ALL HOURS | MEAN | 46.3 | 48.0 | 53.5 | 62.1 | 69.9 | 76.4 | 79.0 | 78.2 | 73.8 | 64.1 | 54.3 | 47.1 | 62.6 |
| | S.D. | 11.891 | 11.248 | 10.600 | 9.452 | 8.031 | 6.937 | 5.844 | 6.163 | 7.518 | 10.134 | 11.696 | 12.102 | 15.423 |
| | TOTAL OBS | 21416 | 19477 | 21450 | 20714 | 21338 | 20144 | 20497 | 19982 | 19630 | 20511 | 20560 | 21264 | 247183 |

USAF ETAC FORM JUL 64 0 89 5 (OL 1)

DATA PROCESSING BRANCH
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# MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 — STATION
MYRTLE BEACH AFB SOUTH CAROLINA — STATION NAME
42-47,49-72 — YEARS

| HRS (L S T.) | | JAN. | FEB | MAR. | APR | MAY | JUN. | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 40.7 | 41.6 | 46.8 | 54.5 | 62.6 | 69.2 | 72.4 | 71.7 | 67.1 | 56.9 | 47.4 | 40.6 | 55.8 |
| | S D. | 11.582 | 10.946 | 10.344 | 8.778 | 6.759 | 5.154 | 3.716 | 4.292 | 6.334 | 9.478 | 11.220 | 12.010 | 14.831 |
| | TOTAL OBS | 2669 | 2428 | 2682 | 2574 | 2666 | 2461 | 2492 | 2493 | 2421 | 2512 | 2470 | 2595 | 30463 |
| 03-05 | MEAN | 39.7 | 40.4 | [illegible].6 | 53.1 | 61.2 | 67.9 | 71.5 | 70.6 | 65.9 | 55.6 | 46.0 | 39.6 | 54.6 |
| | S D | 11.947 | 11.492 | 10.[illegible]6 | 9.306 | 7.224 | 5.537 | 3.868 | 4.453 | 6.526 | 9.773 | 11.481 | 12.252 | 15.038 |
| | TOTAL OBS | 2671 | 2430 | 2684 | 2577 | 2664 | 2467 | 2515 | 2502 | 2427 | 2514 | 2471 | 2579 | 30501 |
| 06-08 | MEAN | 39.3 | 40.2 | 46.0 | 54.7 | 63.3 | 70.1 | 73.1 | 72.0 | 66.9 | 56.4 | 46.2 | 39.5 | 55.5 |
| | S D | 12.122 | 11.606 | 10.965 | 9.175 | 6.898 | 5.438 | 3.767 | 4.535 | 6.744 | 9.630 | 11.442 | 12.248 | 15.627 |
| | TOTAL OBS | 2678 | 2429 | 2676 | 2583 | 2659 | 2513 | 2584 | 2490 | 2503 | 2566 | 2517 | 2644 | 30842 |
| 09-11 | MEAN | 43.9 | 45.0 | 50.4 | 58.5 | 66.3 | 72.7 | 75.6 | 74.8 | 70.5 | 61.5 | 52.2 | 44.8 | 59.6 |
| | S D | 11.396 | 10.769 | 10.109 | 8.181 | 6.211 | 4.840 | 3.441 | 4.082 | 5.976 | 8.212 | 10.091 | 11.164 | 14.388 |
| | TOTAL OBS | 2682 | 2432 | 2684 | 2591 | 2662 | 2537 | 2593 | 2504 | 2503 | 2581 | 2552 | 2680 | 31001 |
| 12-14 | MEAN | 46.7 | 47.6 | 52.2 | 59.8 | 67.3 | 73.6 | 76.5 | 75.7 | 71.7 | 63.5 | 54.6 | 47.9 | 61.3 |
| | S D | 10.569 | 9.842 | 9.242 | 7.624 | 5.819 | 4.684 | 3.507 | 4.026 | 5.535 | 7.594 | 9.263 | 10.311 | 13.435 |
| | TOTAL OBS | 2676 | 2433 | 2679 | 2591 | 2662 | 2535 | 2586 | 2488 | 2497 | 2582 | 2548 | 2682 | 30959 |
| 15-17 | MEAN | 46.4 | 47.7 | 52.0 | 59.7 | 67.2 | 73.3 | 76.1 | 75.5 | 71.5 | 63.4 | 54.2 | 47.5 | 61.1 |
| | S D. | 9.789 | 9.007 | 8.498 | 7.200 | 5.486 | 4.383 | 3.466 | 3.796 | 5.198 | 7.348 | 9.032 | 9.784 | 13.156 |
| | TOTAL OBS | 2681 | 2425 | 2677 | 2588 | 2668 | 2539 | 2598 | 2503 | 2507 | 2583 | 2545 | 2679 | 30993 |
| 18-20 | MEAN | 43.5 | 45.1 | 50.1 | 58.0 | 66.0 | 72.1 | 74.8 | 74.2 | 70.0 | 60.7 | 50.8 | 44.1 | 59.0 |
| | S D | 10.170 | 9.207 | 8.628 | 7.241 | 5.566 | 4.411 | 3.348 | 3.731 | 5.523 | 8.150 | 10.141 | 10.568 | 13.933 |
| | TOTAL OBS | 2679 | 2420 | 2677 | 2586 | 2666 | 2542 | 2589 | 2495 | 2495 | 2573 | 2532 | 2673 | 30927 |
| 21-23 | MEAN | 41.7 | 43.0 | 48.3 | 56.3 | 64.3 | 70.7 | 73.5 | 72.9 | 68.3 | 58.2 | 48.4 | 42.2 | 57.2 |
| | S D | 11.058 | 10.249 | 9.494 | 8.081 | 6.178 | 4.632 | 3.381 | 3.986 | 6.073 | 9.010 | 10.981 | 11.446 | 14.529 |
| | TOTAL OBS | 2670 | 2416 | 2683 | 2581 | 2669 | 2531 | 2540 | 2507 | 2475 | 2554 | 2540 | 2667 | 30833 |
| ALL HOURS | MEAN | 42.8 | 43.8 | 48.9 | 56.8 | 64.8 | 71.2 | 74.2 | 73.4 | 69.0 | 59.5 | 50.0 | 43.3 | 58.0 |
| | S D | 11.426 | 10.798 | 10.125 | 8.571 | 6.647 | 5.267 | 3.955 | 4.483 | 6.355 | 9.172 | 10.971 | 11.671 | 14.588 |
| | TOTAL OBS | 21406 | 19413 | 21442 | 20671 | 21316 | 20125 | 20497 | 19982 | 19828 | 20465 | 20175 | 21199 | 246519 |

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (YEARS)

| HRS. (L.S.T.) | | JAN | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 00-02 | MEAN | 37.5 | 37.7 | 43.7 | 52.1 | 61.1 | 67.9 | 71.4 | 70.7 | 65.8 | 55.2 | 44.9 | 37.1 | 53.6 |
| | S D | 13.678 | 13.525 | 12.483 | 10.358 | 7.262 | 5.587 | 3.958 | 4.611 | 6.980 | 10.386 | 12.738 | 14.169 | 16.467 |
| | TOTAL OBS | 2669 | 2428 | 2682 | 2574 | 2566 | 2461 | 2492 | 2493 | 2421 | 2512 | 2470 | 2595 | 30463 |
| 03-05 | MEAN | 36.7 | 36.7 | 42.7 | 51.0 | 60.0 | 66.9 | 70.7 | 69.8 | 64.8 | 54.1 | 43.7 | 36.3 | 52.6 |
| | S D | 13.951 | 13.921 | 13.012 | 10.612 | 7.678 | 5.880 | 4.061 | 4.760 | 7.123 | 10.672 | 12.929 | 14.281 | 16.634 |
| | TOTAL OBS | 2670 | 2430 | 2684 | 2577 | 2664 | 2467 | 2515 | 2502 | 2427 | 2514 | 2470 | 2579 | 30499 |
| 06-08 | MEAN | 36.3 | 36.5 | 42.7 | 51.8 | 61.1 | 68.3 | 71.7 | 70.6 | 65.5 | 54.5 | 43.7 | 36.2 | 53.1 |
| | S D | 14.162 | 14.169 | 13.233 | 10.860 | 7.821 | 5.928 | 3.997 | 4.902 | 7.364 | 10.662 | 13.016 | 14.331 | 17.119 |
| | TOTAL OBS | 2678 | 2429 | 2676 | 2583 | 2660 | 2513 | 2584 | 2490 | 2503 | 2566 | 2517 | 2644 | 30843 |
| 09-11 | MEAN | 38.2 | 38.0 | 43.4 | 52.1 | 61.4 | 69.0 | 72.6 | 71.7 | 66.9 | 56.5 | 45.8 | 38.7 | 54.4 |
| | S D | 14.648 | 14.903 | 14.235 | 11.717 | 8.413 | 6.057 | 4.185 | 4.986 | 7.317 | 10.991 | 13.667 | 14.694 | 17.171 |
| | TOTAL OBS | 2681 | 2432 | 2684 | 2591 | 2661 | 2537 | 2593 | 2504 | 2503 | 2581 | 2552 | 2680 | 30999 |
| 12-14 | MEAN | 38.7 | 38.7 | 43.9 | 52.6 | 62.0 | 69.6 | 73.2 | 72.1 | 67.4 | 57.1 | 46.1 | 39.3 | 54.9 |
| | S D | 14.744 | 14.897 | 13.916 | 11.579 | 8.373 | 6.169 | 4.349 | 5.185 | 7.326 | 11.110 | 13.894 | 14.936 | 17.181 |
| | TOTAL OBS | 2675 | 2433 | 2679 | 2591 | 2662 | 2534 | 2586 | 2488 | 2497 | 2582 | 2548 | 2682 | 30957 |
| 15-17 | MEAN | 39.3 | 39.5 | 44.5 | 53.4 | 62.6 | 69.8 | 73.2 | 72.4 | 67.7 | 58.0 | 47.2 | 40.1 | 55.5 |
| | S D | 14.055 | 14.007 | 13.153 | 11.082 | 7.920 | 5.747 | 4.294 | 4.832 | 6.827 | 10.568 | 13.417 | 14.273 | 16.648 |
| | TOTAL OBS | 2681 | 2425 | 2677 | 2588 | 2668 | 2539 | 2598 | 2503 | 2507 | 2583 | 2545 | 2679 | 30993 |
| 18-20 | MEAN | 39.5 | 40.1 | 45.1 | 53.9 | 63.1 | 69.7 | 72.8 | 72.2 | 67.7 | 58.3 | 47.5 | 40.1 | 55.7 |
| | S D | 12.885 | 12.716 | 12.097 | 10.072 | 7.183 | 5.443 | 3.991 | 4.397 | 6.417 | 9.380 | 12.123 | 13.202 | 15.908 |
| | TOTAL OBS | 2679 | 2420 | 2677 | 2586 | 2666 | 2542 | 2589 | 2494 | 2494 | 2573 | 2532 | 2672 | 30924 |
| 21-23 | MEAN | 38.4 | 39.1 | 44.8 | 53.5 | 62.4 | 69.1 | 72.1 | 71.6 | 66.7 | 56.4 | 45.8 | 38.7 | 54.7 |
| | S D | 13.121 | 12.910 | 11.941 | 9.955 | 6.989 | 5.290 | 3.746 | 4.367 | 6.746 | 9.885 | 12.506 | 13.661 | 16.131 |
| | TOTAL OBS | 2670 | 2416 | 2683 | 2581 | 2669 | 2531 | 2540 | 2507 | 2475 | 2554 | 2540 | 2665 | 30831 |
| ALL HOURS | MEAN | 38.1 | 38.3 | 43.9 | 52.6 | 61.7 | 68.8 | 72.2 | 71.4 | 66.6 | 56.3 | 45.6 | 38.3 | 54.3 |
| | S D | 13.960 | 13.954 | 13.056 | 10.834 | 7.777 | 5.845 | 4.163 | 4.837 | 7.091 | 10.568 | 13.116 | 14.278 | 16.697 |
| | TOTAL OBS | 21403 | 19413 | 21442 | 20671 | 21316 | 20124 | 20497 | 19981 | 19827 | 20465 | 20174 | 21196 | 246509 |

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DATA PROCESSING BRANCH
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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-47,49-72 (PERIOD) ALL (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | ALL | 100.0 | 99.9 | 98.3 | 93.8 | 86.6 | 76.7 | 64.3 | 50.1 | 28.3 | 75.7 | 21402 |
| FEB | | 100.0 | 99.7 | 96.7 | 90.4 | 80.8 | 70.0 | 57.6 | 43.3 | 23.4 | 72.1 | 19412 |
| MAR | | 100.0 | 99.6 | 96.8 | 90.7 | 82.4 | 72.0 | 59.9 | 45.3 | 24.0 | 73.0 | 21442 |
| APR | | 100.0 | 99.8 | 97.6 | 92.6 | 85.4 | 75.3 | 61.4 | 44.8 | 21.9 | 73.7 | 20670 |
| MAY | | 100.0 | 100.0 | 99.5 | 97.1 | 92.0 | 83.0 | 69.1 | 50.1 | 22.3 | 77.2 | 21316 |
| JUN | | 100.0 | 100.0 | 99.9 | 99.1 | 96.0 | 89.1 | 72.7 | 50.7 | 21.0 | 78.9 | 20123 |
| JUL | | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 93.5 | 78.6 | 54.0 | 24.4 | 80.9 | 20497 |
| AUG | | 100.0 | 100.0 | 100.0 | 99.7 | 98.2 | 92.9 | 77.7 | 54.3 | 25.1 | 80.8 | 19978 |
| SEP | | 100.0 | 100.0 | 100.0 | 99.4 | 96.3 | 88.9 | 74.3 | 53.3 | 24.3 | 79.8 | 19826 |
| OCT | | 100.0 | 100.0 | 99.3 | 96.4 | 90.6 | 82.3 | 70.4 | 53.8 | 27.0 | 78.0 | 20465 |
| NOV | | 100.0 | 99.9 | 98.1 | 93.0 | 85.7 | 76.5 | 64.7 | 49.4 | 26.2 | 75.2 | 20174 |
| DEC | | 100.0 | 99.8 | 98.2 | 93.1 | 85.1 | 74.4 | 61.4 | 47.0 | 25.9 | 74.4 | 21196 |
| TOTALS | | 100.0 | 99.9 | 98.7 | 95.4 | 89.8 | 81.2 | 67.8 | 49.7 | 24.5 | 76.6 | 246581 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) JAN (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JAN | 00-02 | 100.0 | 100.0 | 99.8 | 99.2 | 95.2 | 87.6 | 78.6 | 66.1 | 39.4 | 82.7 | 2669 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.2 | 97.0 | 89.9 | 80.7 | 68.6 | 42.2 | 83.7 | 2670 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.4 | 97.0 | 91.3 | 80.5 | 67.5 | 40.6 | 83.6 | 2678 |
| | 09-11 | 100.0 | 99.9 | 99.0 | 92.8 | 81.1 | 67.7 | 51.5 | 35.5 | 17.1 | 70.2 | 2681 |
| | 12-14 | 100.0 | 99.5 | 94.4 | 80.2 | 64.4 | 49.4 | 34.1 | 22.1 | 11.2 | 61.1 | 2674 |
| | 15-17 | 100.0 | 99.5 | 94.4 | 83.9 | 71.7 | 57.6 | 42.0 | 27.5 | 12.6 | 64.6 | 2681 |
| | 18-20 | 100.0 | 99.9 | 99.5 | 96.5 | 91.8 | 82.3 | 69.4 | 51.4 | 27.7 | 77.8 | 2679 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 98.8 | 94.9 | 87.8 | 77.7 | 62.5 | 35.7 | 81.6 | 2670 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.3 | 93.8 | 86.6 | 76.7 | 64.3 | 50.1 | 28.3 | 75.7 | 21402 |

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DATA PROCESSING BRANCH
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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) FEB (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| FEB | 00-02 | 100.0 | 100.0 | 99.7 | 97.4 | 91.2 | 82.9 | 71.8 | 56.7 | 33.7 | 79.4 | 2428 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 98.5 | 92.5 | 84.8 | 74.0 | 59.8 | 34.5 | 80.6 | 2430 |
| | 06-08 | 100.0 | 100.0 | 99.8 | 98.2 | 93.5 | 85.3 | 73.9 | 59.2 | 32.7 | 80.2 | 2429 |
| | 09-11 | 100.0 | 99.8 | 96.6 | 86.6 | 71.1 | 55.9 | 40.6 | 28.9 | 15.0 | 65.2 | 2431 |
| | 12-14 | 100.0 | 99.1 | 89.1 | 73.5 | 57.4 | 43.2 | 30.4 | 19.5 | 9.1 | 57.8 | 2433 |
| | 15-17 | 100.0 | 98.7 | 90.5 | 78.6 | 64.5 | 51.3 | 37.5 | 23.0 | 9.7 | 61.1 | 2425 |
| | 18-20 | 100.0 | 99.9 | 98.4 | 93.5 | 85.5 | 75.1 | 61.9 | 43.6 | 21.5 | 73.8 | 2420 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 97.0 | 90.7 | 81.4 | 70.3 | 55.3 | 31.2 | 78.6 | 2416 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.7 | 96.7 | 90.4 | 80.8 | 70.0 | 57.6 | 43.3 | 23.4 | 72.1 | 19412 |

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DATA PROCESSING BRANCH
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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) MAR (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAR | 00-02 | 100.0 | 100.0 | 99.8 | 98.4 | 93.9 | 87.4 | 78.0 | 63.3 | 36.8 | 82.1 | 2682 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.0 | 96.2 | 88.8 | 80.1 | 68.4 | 42.6 | 83.7 | 2684 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 98.7 | 94.7 | 87.1 | 76.0 | 60.4 | 35.6 | 81.4 | 2676 |
| | 09-11 | 100.0 | 99.9 | 96.2 | 84.2 | 68.8 | 54.4 | 40.3 | 26.4 | 11.6 | 63.8 | 2684 |
| | 12-14 | 100.0 | 98.8 | 91.3 | 76.1 | 59.6 | 45.8 | 32.1 | 18.4 | 6.6 | 58.4 | 2679 |
| | 15-17 | 100.0 | 98.3 | 90.7 | 80.1 | 68.1 | 53.1 | 38.4 | 23.9 | 8.6 | 61.7 | 2677 |
| | 18-20 | 100.0 | 99.5 | 97.2 | 92.0 | 85.4 | 74.9 | 60.3 | 42.8 | 19.1 | 72.9 | 2677 |
| | 21-23 | 100.0 | 100.0 | 99.4 | 97.1 | 92.4 | 84.5 | 73.6 | 58.4 | 30.7 | 79.6 | 2683 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.6 | 96.8 | 90.7 | 82.4 | 72.0 | 59.9 | 45.3 | 24.0 | 73.0 | 21442 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) APR (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| APR | 00-02 | 100.0 | 100.0 | 99.6 | 98.7 | 96.4 | 91.8 | 83.6 | 69.1 | 38.1 | 83.8 | 2573 |
| | 03-05 | 100.0 | 100.0 | 99.9 | 99.3 | 97.8 | 93.5 | 86.5 | 74.7 | 46.9 | 86.2 | 2577 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.1 | 95.7 | 88.3 | 77.6 | 59.2 | 31.5 | 81.2 | 2583 |
| | 09-11 | 100.0 | 99.9 | 97.2 | 85.9 | 70.7 | 53.3 | 34.6 | 18.1 | 5.9 | 62.1 | 2591 |
| | 12-14 | 100.0 | 99.6 | 92.6 | 80.4 | 65.3 | 48.0 | 27.0 | 13.4 | 4.6 | 58.6 | 2591 |
| | 15-17 | 100.0 | 99.2 | 93.6 | 84.9 | 73.1 | 58.0 | 37.9 | 19.6 | 5.6 | 62.7 | 2588 |
| | 18-20 | 100.0 | 99.8 | 98.2 | 94.2 | 88.9 | 79.2 | 63.9 | 43.0 | 14.6 | 74.0 | 2586 |
| | 21-23 | 100.0 | 99.9 | 99.4 | 97.9 | 95.4 | 90.3 | 80.0 | 61.4 | 28.2 | 81.2 | 2581 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 97.6 | 92.6 | 85.4 | 75.3 | 61.4 | 44.8 | 21.9 | 73.7 | 20670 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) MAY (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| MAY | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 98.4 | 93.5 | 80.3 | 43.4 | 87.9 | 2666 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.9 | 96.4 | 85.8 | 54.1 | 90.2 | 2664 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.9 | 98.8 | 93.8 | 82.9 | 64.4 | 28.2 | 82.8 | 2660 |
| | 09-11 | 100.0 | 100.0 | 99.4 | 94.3 | 80.9 | 61.8 | 38.8 | 17.9 | 4.1 | 65.2 | 2661 |
| | 12-14 | 100.0 | 100.0 | 98.1 | 90.7 | 76.7 | 57.6 | 33.3 | 13.1 | 3.3 | 62.8 | 2662 |
| | 15-17 | 100.0 | 99.9 | 98.8 | 93.8 | 84.9 | 67.8 | 45.2 | 19.8 | 4.5 | 66.9 | 2668 |
| | 18-20 | 100.0 | 100.0 | 99.7 | 98.5 | 95.4 | 89.0 | 73.9 | 48.3 | 12.4 | 77.3 | 2666 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.3 | 96.7 | 89.1 | 71.2 | 28.7 | 84.6 | 2669 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.5 | 97.1 | 92.0 | 83.0 | 69.1 | 50.1 | 22.3 | 77.2 | 21316 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) JUN (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUN | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 96.4 | 84.1 | 40.5 | 88.4 | 2461 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 98.5 | 91.4 | 55.7 | 91.2 | 2467 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 97.4 | 89.5 | 66.5 | 25.0 | 83.8 | 2513 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 98.7 | 92.7 | 76.1 | 42.1 | 14.6 | 3.4 | 68.4 | 2537 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 97.1 | 86.8 | 70.5 | 39.1 | 12.7 | 3.1 | 66.5 | 2534 |
| | 15-17 | 100.0 | 100.0 | 99.5 | 97.9 | 91.2 | 78.9 | 52.1 | 18.4 | 4.2 | 70.0 | 2539 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.5 | 97.8 | 92.5 | 79.2 | 46.4 | 10.5 | 78.3 | 2542 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.9 | 99.6 | 98.3 | 92.7 | 71.5 | 25.3 | 84.7 | 2530 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.9 | 99.1 | 96.0 | 89.1 | 73.7 | 50.7 | 21.0 | 78.9 | 20123 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-47,49-72 (PERIOD) JUL (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO. OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JUL | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 97.8 | 88.2 | 48.1 | 89.7 | 2492 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 99.0 | 92.9 | 61.6 | 92.0 | 2515 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 94.7 | 73.4 | 31.3 | 86.0 | 2584 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.8 | 97.6 | 86.9 | 52.6 | 17.0 | 3.4 | 71.5 | 2593 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 99.5 | 94.5 | 81.1 | 45.3 | 12.5 | 3.5 | 69.5 | 2586 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.5 | 96.3 | 86.1 | 60.5 | 19.9 | 5.5 | 72.7 | 2598 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.6 | 95.5 | 83.8 | 50.8 | 12.9 | 80.1 | 2589 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.1 | 78.9 | 28.8 | 86.0 | 2540 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.9 | 98.5 | 93.5 | 78.6 | 54.0 | 24.4 | 80.9 | 20497 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (PERIOD) AUG (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| AUG | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 98.7 | 88.0 | 46.8 | 89.7 | 2491 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 92.6 | 58.3 | 91.9 | 2502 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 95.9 | 78.4 | 35.1 | 87.0 | 2490 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.3 | 96.9 | 86.1 | 51.0 | 16.8 | 4.4 | 71.1 | 2504 |
| | 12-14 | 100.0 | 100.0 | 99.8 | 98.8 | 92.8 | 76.2 | 39.0 | 11.0 | 3.1 | 67.9 | 2488 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 99.5 | 96.2 | 84.5 | 56.3 | 19.4 | 5.2 | 71.9 | 2503 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 99.9 | 99.7 | 97.3 | 85.3 | 50.1 | 15.0 | 80.4 | 2493 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.8 | 96.4 | 77.7 | 32.7 | 86.6 | 2507 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.7 | 98.2 | 92.9 | 77.7 | 54.3 | 25.1 | 80.8 | 19976 |

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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (PERIOD) SEP (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| SEP | 00-02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.7 | 95.7 | 82.4 | 42.3 | 88.6 | 2421 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.9 | 97.7 | 88.9 | 52.6 | 90.7 | 2427 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 99.5 | 94.9 | 79.0 | 36.6 | 87.4 | 2503 |
| | 09-11 | 100.0 | 100.0 | 100.0 | 99.5 | 94.2 | 76.3 | 49.4 | 21.0 | 5.8 | 70.5 | 2503 |
| | 12-14 | 100.0 | 100.0 | 100.0 | 97.3 | 86.4 | 65.3 | 34.7 | 11.5 | 4.4 | 65.7 | 2497 |
| | 15-17 | 100.0 | 100.0 | 100.0 | 98.4 | 90.7 | 74.8 | 48.7 | 20.5 | 6.1 | 69.6 | 2507 |
| | 18-20 | 100.0 | 100.0 | 100.0 | 100.0 | 99.4 | 94.9 | 81.5 | 52.0 | 16.8 | 80.2 | 2493 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 98.9 | 92.0 | 71.2 | 30.6 | 85.3 | 2475 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 100.0 | 99.4 | 96.3 | 88.9 | 74.3 | 53.3 | 24.3 | 79.8 | 19826 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 43-46,49-72 (PERIOD) OCT (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
## (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| OCT | 00-02 | 100.0 | 100.0 | 100.0 | 99.8 | 99.2 | 97.2 | 92.2 | 79.1 | 46.1 | 87.7 | 2512 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.9 | 99.5 | 98.0 | 94.1 | 82.7 | 51.6 | 89.1 | 2514 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 100.0 | 99.3 | 97.3 | 90.5 | 75.3 | 40.5 | 86.6 | 2566 |
| | 09-11 | 100.0 | 100.0 | 99.3 | 94.0 | 82.6 | 64.5 | 43.4 | 23.9 | 7.7 | 67.1 | 2581 |
| | 12-14 | 100.0 | 99.9 | 97.4 | 86.6 | 68.7 | 49.0 | 28.0 | 13.4 | 3.8 | 60.1 | 2582 |
| | 15-17 | 100.0 | 99.9 | 98.0 | 91.5 | 77.9 | 62.2 | 42.4 | 21.2 | 5.1 | 65.3 | 2583 |
| | 18-20 | 100.0 | 100.0 | 99.9 | 99.5 | 98.3 | 93.5 | 82.5 | 60.6 | 22.3 | 81.6 | 2573 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.7 | 99.4 | 97.0 | 90.1 | 74.4 | 39.1 | 86.2 | 2554 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 99.3 | 96.4 | 90.6 | 82.3 | 70.4 | 53.8 | 27.0 | 78.0 | 20465 |

USAFETAC FORM 0-87-5 (OL A)

...SSING BRANCH
...AF
...WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

13717 STATION | MYRTLE BEACH AFB SOUTH CAROLINA STATION NAME | 42-46,49-72 PERIOD | NOV MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (L S T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| NOV | 00-02 | 100.0 | 100.0 | 99.9 | 99.3 | 97.1 | 92.8 | 84.6 | 70.6 | 42.0 | 84.9 | 2479 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.8 | 98.0 | 94.4 | 86.7 | 73.0 | 46.1 | 85.9 | 2470 |
| | 06-08 | 100.0 | 100.0 | 100.0 | 99.8 | 98.2 | 93.6 | 84.7 | 69.4 | 40.3 | 84.6 | 2517 |
| | 09-11 | 100.0 | 100.0 | 98.1 | 89.7 | 75.0 | 56.8 | 39.0 | 23.1 | 9.0 | 64.7 | 2552 |
| | 12-14 | 100.0 | 99.8 | 92.5 | 75.2 | 55.5 | 38.5 | 23.9 | 12.0 | 3.8 | 55.6 | 2548 |
| | 15-17 | 100.0 | 99.7 | 94.9 | 83.0 | 69.0 | 55.0 | 36.4 | 20.6 | 6.4 | 62.4 | 2545 |
| | 18-20 | 100.0 | 100.0 | 99.5 | 98.4 | 95.5 | 88.1 | 76.5 | 58.3 | 24.9 | 79.9 | 2532 |
| | 21-23 | 100.0 | 100.0 | 100.0 | 99.0 | 97.1 | 92.7 | 83.5 | 68.0 | 36.9 | 83.7 | 2540 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.9 | 98.1 | 93.0 | 85.7 | 76.5 | 64.7 | 49.4 | 26.2 | 75.2 | 20174 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

DATA PROCESSING BRANCH
ETAC/USAF
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# RELATIVE HUMIDITY

13717 (STATION) MYRTLE BEACH AFB SOUTH CAROLINA (STATION NAME) 42-46,49-72 (PERIOD) DEC (MONTH)

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS (LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN RELATIVE HUMIDITY | TOTAL NO OF OBS. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| DEC | 00-02 | 100.0 | 100.0 | 100.0 | 99.3 | 95.4 | 86.1 | 74.4 | 60.1 | 34.5 | 81.1 | 2595 |
| | 03-05 | 100.0 | 100.0 | 100.0 | 99.3 | 96.7 | 89.0 | 77.5 | 62.9 | 37.6 | 82.3 | 2579 |
| | 06-08 | 100.0 | 100.0 | 99.9 | 99.1 | 96.7 | 89.4 | 77.8 | 63.4 | 35.6 | 82.1 | 2644 |
| | 09-11 | 100.0 | 100.0 | 98.6 | 92.0 | 78.0 | 62.5 | 46.3 | 32.2 | 16.3 | 68.4 | 2680 |
| | 12-14 | 100.0 | 99.3 | 93.3 | 76.8 | 58.7 | 43.7 | 31.1 | 19.5 | 9.1 | 58.7 | 2682 |
| | 15-17 | 100.0 | 99.3 | 94.7 | 82.8 | 68.8 | 55.3 | 40.8 | 26.2 | 12.4 | 63.7 | 2679 |
| | 18-20 | 100.0 | 99.9 | 99.6 | 97.1 | 92.0 | 83.0 | 69.0 | 52.2 | 27.2 | 77.9 | 2672 |
| | 21-23 | 100.0 | 100.0 | 99.8 | 98.6 | 94.3 | 86.4 | 74.1 | 59.5 | 34.7 | 80.8 | 2665 |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| | | | | | | | | | | | | |
| TOTALS | | 100.0 | 99.8 | 98.2 | 93.1 | 85.1 | 74.4 | 61.4 | 47.0 | 25.9 | 74.4 | 21196 |

USAFETAC FORM JUL 64 0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

# PART F PRESSURE SUMMARY

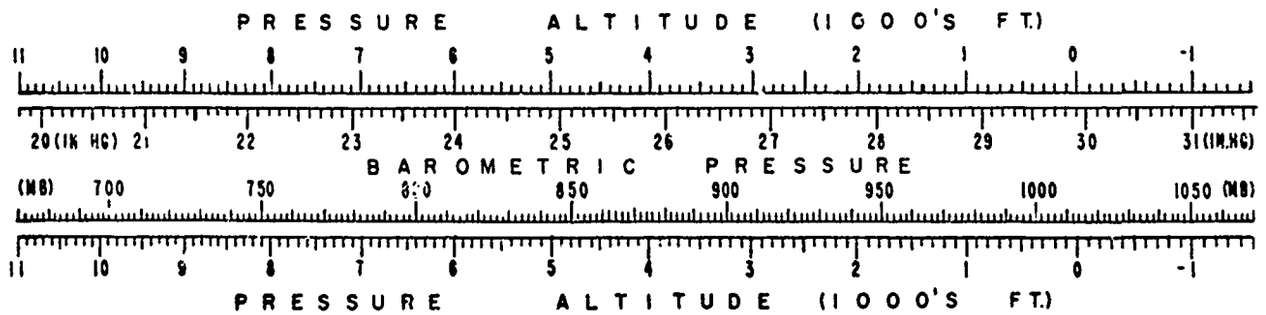
Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.

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DATA PROCESSING BRANCH
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AIR WEATHER SERVICE/MAC

# MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 45-47,49-73
STATION STATION NAME YEARS

| HRS (L.S.T.) | | JAN | FEB | MAR. | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 30.096 | 30.043 | 30.001 | 29.999 | 29.975 | 29.964 | 29.996 | 29.971 | 29.998 | 30.020 | 30.049 | 30.096 | 30.018 |
| | S.D. | .207 | .223 | .196 | .191 | .145 | .122 | .098 | .105 | .126 | .164 | .192 | .200 | .175 |
| | TOTAL OBS | 798 | 729 | 798 | 771 | 796 | 732 | 739 | 730 | 718 | 747 | 708 | 743 | 9009 |
| 04 | MEAN | 30.096 | 30.038 | 29.987 | 29.987 | 29.965 | 29.950 | 29.984 | 29.960 | 29.987 | 30.012 | 30.044 | 30.092 | 30.009 |
| | S.D | .210 | .223 | .199 | .193 | .146 | .121 | .099 | .107 | .126 | .166 | .192 | .202 | .177 |
| | TOTAL OBS | 738 | 671 | 739 | 711 | 736 | 675 | 692 | 709 | 687 | 718 | 688 | 710 | 8474 |
| 07 | MEAN | 30.112 | 30.061 | 30.021 | 30.030 | 30.003 | 29.984 | 30.014 | 29.988 | 30.020 | 30.040 | 30.072 | 30.114 | 30.038 |
| | S.D | .212 | .230 | .205 | .193 | .147 | .121 | .101 | .109 | .128 | .174 | .195 | .205 | .179 |
| | TOTAL OBS | 798 | 727 | 799 | 771 | 794 | 755 | 766 | 732 | 742 | 768 | 732 | 768 | 9152 |
| 10 | MEAN | 30.152 | 30.088 | 30.041 | 30.042 | 30.014 | 29.993 | 30.029 | 30.007 | 30.041 | 30.063 | 30.095 | 30.146 | 30.060 |
| | S.D. | .219 | .235 | .212 | .199 | .152 | .122 | .101 | .111 | .130 | .170 | .198 | .207 | .184 |
| | TOTAL OBS | 739 | 670 | 738 | 710 | 735 | 698 | 725 | 712 | 714 | 739 | 715 | 741 | 8636 |
| 13 | MEAN | 30.085 | 30.031 | 30.001 | 30.009 | 29.989 | 29.975 | 30.008 | 29.982 | 30.009 | 30.015 | 30.038 | 30.085 | 30.019 |
| | S.D. | .219 | .239 | .211 | .198 | .152 | .123 | .103 | .109 | .131 | .175 | .199 | .207 | .181 |
| | TOTAL OBS | 803 | 728 | 799 | 771 | 793 | 753 | 763 | 730 | 741 | 767 | 734 | 771 | 9153 |
| 16 | MEAN | 30.073 | 30.003 | 29.965 | 29.967 | 29.952 | 29.942 | 29.976 | 29.951 | 29.978 | 29.994 | 30.019 | 30.067 | 29.991 |
| | S.D. | .218 | .238 | .205 | .199 | .154 | .123 | .103 | .108 | .129 | .170 | .195 | .205 | .181 |
| | TOTAL OBS | 739 | 669 | 734 | 711 | 734 | 697 | 723 | 711 | 717 | 736 | 714 | 739 | 8624 |
| 19 | MEAN | 30.098 | 30.025 | 29.985 | 29.981 | 29.961 | 29.948 | 29.980 | 29.955 | 29.988 | 30.013 | 30.049 | 30.094 | 30.007 |
| | S.D. | .210 | .230 | .199 | .191 | .147 | .122 | .099 | .105 | .130 | .165 | .190 | .201 | .178 |
| | TOTAL OBS | 799 | 723 | 799 | 767 | 792 | 759 | 766 | 731 | 742 | 763 | 730 | 764 | 9135 |
| 22 | MEAN | 30.114 | 30.049 | 30.012 | 30.007 | 29.987 | 29.972 | 30.007 | 29.983 | 30.014 | 30.033 | 30.063 | 30.106 | 30.029 |
| | S.D. | .211 | .225 | .195 | .189 | .146 | .118 | .098 | .104 | .128 | .163 | .192 | .199 | .175 |
| | TOTAL OBS | 736 | 665 | 737 | 708 | 736 | 694 | 698 | 711 | 716 | 736 | 713 | 736 | 8586 |
| ALL HOURS | MEAN | 30.103 | 30.042 | 30.002 | 30.003 | 29.981 | 29.966 | 29.999 | 29.975 | 30.004 | 30.024 | 30.054 | 30.100 | 30.021 |
| | S.D. | .215 | .232 | .204 | .195 | .150 | .123 | .102 | .109 | .130 | .169 | .195 | .204 | .180 |
| | TOTAL OBS | 6150 | 5582 | 6143 | 5920 | 6116 | 5763 | 5872 | 5766 | 5777 | 5974 | 5734 | 5972 | 70769 |

USAF ETAC FORM JUL 64 0-89-5 (OL 1)

DATA PROCESSING BRANCH
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# MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

13717 MYRTLE BEACH AFB SOUTH CAROLINA 42-47,49-72

STATION | STATION NAME | YEARS

| HRS. (L S T) | | JAN. | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 01 | MEAN | 1020.2 | 1018.7 | 1017.3 | 1017.0 | 1016.3 | 1015.8 | 1016.8 | 1016.1 | 1017.0 | 1017.6 | 1018.7 | 1020.2 | 1017.7 |
| | S.D | 6.961 | 7.441 | 6.648 | 6.428 | 4.952 | 4.109 | 3.305 | 3.562 | 4.304 | 5.585 | 6.375 | 6.898 | 5.912 |
| | TOTAL OBS | 890 | 814 | 891 | 864 | 887 | 821 | 830 | 821 | 807 | 839 | 802 | 865 | 10131 |
| 04 | MEAN | 1020.1 | 1018.3 | 1016.9 | 1016.7 | 1016.0 | 1015.4 | 1016.4 | 1015.6 | 1016.6 | 1017.2 | 1018.6 | 1020.1 | 1017.3 |
| | S D | 6.990 | 7.534 | 6.722 | 6.457 | 4.930 | 4.124 | 3.325 | 3.607 | 4.345 | 5.695 | 6.383 | 6.964 | 5.978 |
| | TOTAL OBS | 891 | 813 | 894 | 863 | 891 | 824 | 831 | 833 | 807 | 841 | 802 | 865 | 10155 |
| 07 | MEAN | 1020.8 | 1019.3 | 1018.0 | 1018.1 | 1017.3 | 1016.5 | 1017.4 | 1016.6 | 1017.7 | 1018.3 | 1019.5 | 1020.9 | 1018.4 |
| | S D | 7.125 | 7.673 | 6.978 | 6.523 | 5.003 | 4.153 | 3.358 | 3.678 | 4.365 | 5.885 | 6.480 | 7.032 | 6.041 |
| | TOTAL OBS | 892 | 811 | 891 | 863 | 887 | 845 | 858 | 823 | 832 | 861 | 825 | 892 | 10260 |
| 10 | MEAN | 1022.0 | 1020.0 | 1018.7 | 1018.6 | 1017.7 | 1016.9 | 1017.9 | 1017.2 | 1018.4 | 1018.9 | 1020.3 | 1022.0 | 1019.1 |
| | S D. | 7.312 | 7.901 | 7.158 | 6.658 | 5.123 | 4.156 | 3.387 | 3.720 | 4.466 | 6.125 | 6.629 | 7.057 | 6.220 |
| | TOTAL OBS | 895 | 813 | 894 | 863 | 889 | 847 | 863 | 835 | 833 | 861 | 828 | 897 | 10318 |
| 13 | MEAN | 1019.8 | 1018.2 | 1017.3 | 1017.3 | 1016.8 | 1016.1 | 1017.2 | 1016.4 | 1017.3 | 1017.4 | 1018.4 | 1019.8 | 1017.7 |
| | S.D | 7.369 | 7.997 | 7.123 | 6.721 | 5.179 | 4.221 | 3.454 | 3.707 | 4.441 | 5.907 | 6.657 | 7.081 | 6.127 |
| | TOTAL OBS | 896 | 813 | 892 | 864 | 886 | 842 | 857 | 822 | 830 | 859 | 829 | 895 | 10285 |
| 16 | MEAN | 1019.3 | 1017.1 | 1016.1 | 1016.0 | 1015.6 | 1015.1 | 1016.1 | 1015.3 | 1016.3 | 1016.6 | 1017.7 | 1019.3 | 1016.7 |
| | S.D. | 7.220 | 7.930 | 6.958 | 6.712 | 5.174 | 4.214 | 3.439 | 3.641 | 4.475 | 5.797 | 6.548 | 7.020 | 6.099 |
| | TOTAL OBS | 893 | 810 | 887 | 864 | 889 | 846 | 861 | 834 | 836 | 858 | 829 | 895 | 10302 |
| 19 | MEAN | 1020.3 | 1018.0 | 1016.8 | 1016.4 | 1015.9 | 1015.3 | 1016.3 | 1015.5 | 1016.6 | 1017.4 | 1018.7 | 1020.2 | 1017.3 |
| | S.D. | 7.030 | 7.701 | 6.743 | 6.491 | 4.983 | 4.139 | 3.336 | 3.554 | 4.406 | 5.583 | 6.350 | 6.917 | 6.008 |
| | TOTAL OBS | 89[illegible] | 806 | 892 | 860 | 885 | 848 | 858 | 824 | 832 | 854 | 824 | 888 | 10264 |
| 22 | MEAN | 1020.7 | 1018.7 | 1017.7 | 1017.3 | 1016.7 | 1016.2 | 1017.2 | 1016.4 | 1017.5 | 1018.0 | 1019.2 | 1020.6 | 1018.0 |
| | S D. | 6.992 | 7.556 | 6.639 | 6.349 | 4.902 | 4.018 | 3.274 | 3.496 | 4.308 | 5.580 | 6.417 | 6.883 | 5.902 |
| | TOTAL OBS | 890 | 807 | 892 | 861 | 891 | 843 | 859 | 835 | 835 | 859 | 829 | 891 | 10272 |
| ALL HOURS | MEAN | 1020.4 | 1018.5 | 1017.4 | 1017.2 | 1016.5 | 1015.9 | 1016.9 | 1016.2 | 1017.2 | 1017.7 | 1018.9 | 1020.4 | 1017.8 |
| | S.D. | 7.163 | 7.756 | 6.911 | 6.588 | 5.074 | 4.182 | 3.416 | 3.669 | 4.428 | 5.808 | 6.519 | 7.019 | 6.075 |
| | TOTAL OBS | 7140 | 6487 | 7133 | 6902 | 7105 | 6716 | 6797 | 6627 | 6612 | 6832 | 6568 | 7088 | 82007 |

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