

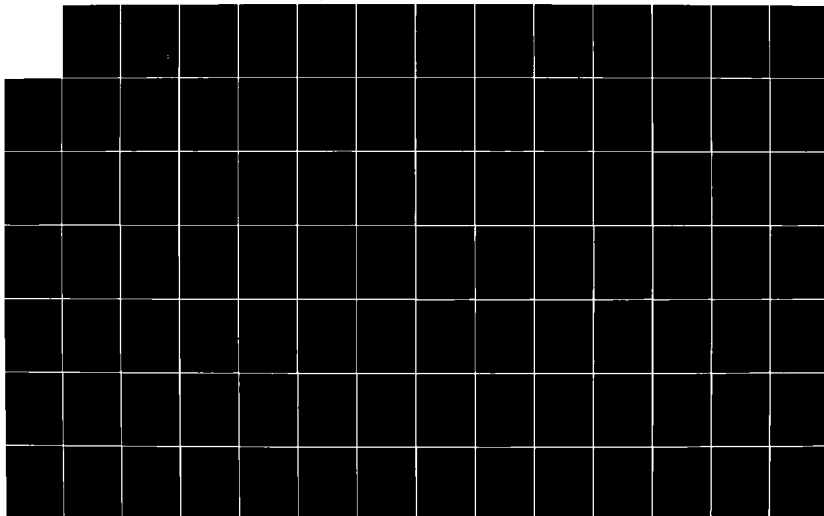
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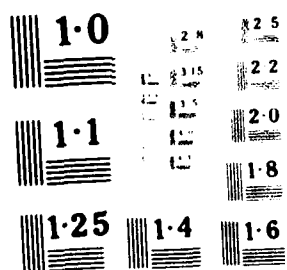
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OBSERVATIONS CLIMATIC SUMMA... (U) AIR FORCE
ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..
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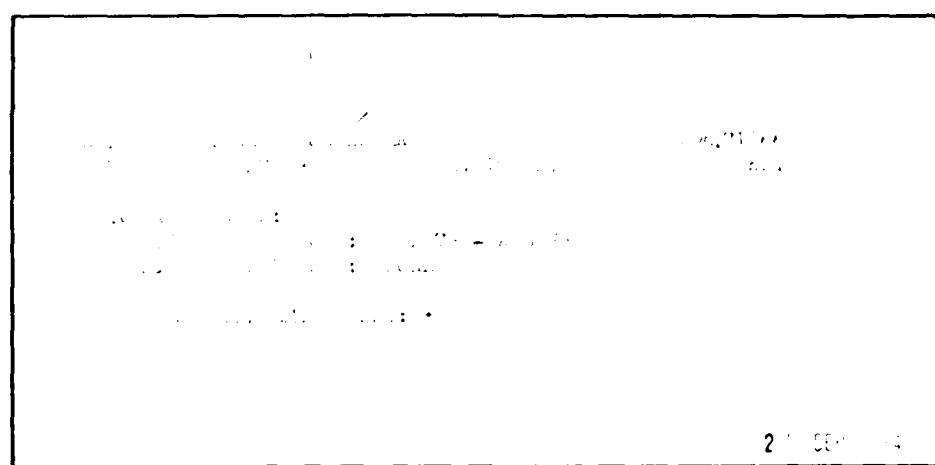


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AD-A147 204

DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

28 SEP 1984



21 SEP 1984

FEDERAL BUILDING
ASHEVILLE, N. C.

DTIC
ELECTE
OCT 29 1984
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The technical report has been reviewed and is
approved for publication.

James E. [Signature]

Warrant Officer
United States Marine Corps
[Signature]

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER		2. REPORT DATE	
3. AUTHOR		4. PERFORMING ORGANIZATION NAME	
5. TITLE		6. AUTHOR	
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99. LIMITATION		100. SECURITY CLASSIFICATION	

percentage frequency of distribution table
 crystal temperature versus water-in temperature
 cumulative percentage frequency of distribution table

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1. It contains the following parts: (A) Weather Summary; (2) Surface Wind and Surface Versus Visibility; (3) Psychrometric Summaries (Psychrometric Summary 1: wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb, and dew point temperatures, and relative humidity; and (3) Pressure Summary (means, standard deviations, and observations counts of station and/or sea-level pressure). Summaries in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future CICA standard products.

Accession For	
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NTIS	TAB ☐
Accession	☐
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By	
Distribution/	
Availability	
Avail and/or	
Dist	Special
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OPERATING STATION "A"
METAR, ASHEVILLE NC

LIMITED SURFACE OBSERVATIONS
CLIMATIC SUMMARIES
(LISOCs)

DEFINITION: A RUSWB-like set of summaries of hourly observations for the station's normal operating hours.

Hourly observations: These record or record-special observations recorded at established hourly intervals.

General Comments:

1. The hourly data are screened to exclude extraneous or occasional hours outside the normal observing hours.
2. A brief description precedes each summary.
3. Summaries containing "TOTALS" and "ALL HOURS" are only from the hours summarized. These values are representative only for the operating hours.
4. The monthly and annual "ALL HOURS" summaries are not presented because they are not representative, and would result in meaningless or biased values.
5. There are no "Sky Cover" nor "Sea Level Pressure" summaries for METAR stations.

Table of Contents: AWS Form 1, "Station History"

- Part 1: Weather Conditions
- Part 2: Surface Winds
- Part 3: Ceiling Versus Visibility; Sky Cover
- Part 4: Daily High, Low, Mean Temperatures; Max High and Min Low Temperatures;
Psychrometric Tables; Mean and Standard Deviation of Temperatures; Relative Humidity
- Part 5: Station Pressure; Sea Level Pressure

Standard 3-Hour Groups: All summaries having diurnal variations are summarized in 3-hour periods corresponding to the following sets of hourly observations and limited to normal observation reporting hours (LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

Note that the first and last hour groups may or may not contain all three hours. See hours summarized on front cover to determine which hours are included in these two hour groups.

REPORTING LOCATION "A"
TAFETA, ASHEVILLE NC

WEATHER CONDITIONS

1

PART 1

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented by month by the available 3-hour groups.

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. (Snow pellets also known as soft hail.)

Hail--Occurrences of hail.

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 sum of the individual categories may exceed the percentage 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.

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

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.

Continued on Reverse

NOTE: 1. For METAR stations beginning Jan 68 and Synoptic reporting stations, only the highest order of atmospheric phenomena was reported, recorded on the AWS Forms 10a, and transmitted longline. Beginning Jan 70, METAR stations recorded all atmospheric phenomena on the AWS Form 10a, but transmitted longline only the highest order. For example, if the observation consisted of rain, fog and smoke, only the rain was transmitted longline. Our data base, as a result, contains only rain for that observation. Because of these reporting procedures the summaries for METAR and Synoptic reporting stations are highly questionable in the hourly summaries. This primarily effects the obstruction to vision columns, but may also have minor effects on the precipitation columns.

2. When the value of ".0" appears in the summaries, it represent one or more occurrences amounting to less than .1 percent.

WEATHER CONDITIONS

54

Journal of Management Studies

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Figure 1

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WEATHER CONDITIONS

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2000

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17 JUL 68 C O S Q A PRRVH 5 CONTINUED OF THIS PROGRAM AIR -05-1917

WEATHER CONDITIONS

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2014

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WEATHER CONDITIONS

2000

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HEADS

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WEATHER CONDITIONS

2004

DATE	TIME	LOCATION	WIND	TEMP	SEA	REMARKS
10/10/54	0800	1000	1000	1000	1000	1000
10/10/54	0900	1000	1000	1000	1000	1000
10/10/54	1000	1000	1000	1000	1000	1000
10/10/54	1100	1000	1000	1000	1000	1000
10/10/54	1200	1000	1000	1000	1000	1000
10/10/54	1300	1000	1000	1000	1000	1000
10/10/54	1400	1000	1000	1000	1000	1000
10/10/54	1500	1000	1000	1000	1000	1000
10/10/54	1600	1000	1000	1000	1000	1000
10/10/54	1700	1000	1000	1000	1000	1000
10/10/54	1800	1000	1000	1000	1000	1000
10/10/54	1900	1000	1000	1000	1000	1000
10/10/54	2000	1000	1000	1000	1000	1000
10/10/54	2100	1000	1000	1000	1000	1000
10/10/54	2200	1000	1000	1000	1000	1000
10/10/54	2300	1000	1000	1000	1000	1000
10/10/54	2400	1000	1000	1000	1000	1000

SECRET "A" SECRET REF ID: A68094

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WEATHER CONDITIONS

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| Species | Sex | Age | Weight (g) | Length (mm) | Wing (mm) | Tail (mm) | Bill (mm) | Foot (mm) | Claw (mm) | Stomach contents | Notes |
|----------|--------|-------|------------|-------------|-----------|-----------|-----------|-----------|-----------|------------------|-------|
| Starling | Male | Adult | 120 | 150 | 75 | 60 | 25 | 15 | 10 | Seeds | |
| Starling | Female | Adult | 110 | 145 | 70 | 55 | 20 | 12 | 8 | Seeds | |
| Starling | Male | Adult | 130 | 155 | 80 | 65 | 28 | 18 | 12 | Seeds | |
| Starling | Female | Adult | 115 | 148 | 72 | 58 | 22 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 125 | 152 | 78 | 62 | 26 | 16 | 11 | Seeds | |
| Starling | Female | Adult | 118 | 146 | 74 | 56 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 135 | 158 | 82 | 68 | 30 | 20 | 14 | Seeds | |
| Starling | Female | Adult | 122 | 150 | 76 | 60 | 24 | 15 | 11 | Seeds | |
| Starling | Male | Adult | 128 | 154 | 80 | 64 | 27 | 17 | 12 | Seeds | |
| Starling | Female | Adult | 112 | 144 | 70 | 54 | 19 | 11 | 8 | Seeds | |
| Starling | Male | Adult | 132 | 156 | 81 | 66 | 29 | 19 | 13 | Seeds | |
| Starling | Female | Adult | 116 | 147 | 73 | 57 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 124 | 151 | 77 | 61 | 25 | 16 | 11 | Seeds | |
| Starling | Female | Adult | 114 | 145 | 71 | 55 | 20 | 12 | 9 | Seeds | |
| Starling | Male | Adult | 134 | 157 | 83 | 69 | 31 | 21 | 15 | Seeds | |
| Starling | Female | Adult | 121 | 149 | 75 | 59 | 23 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 129 | 153 | 79 | 63 | 27 | 17 | 12 | Seeds | |
| Starling | Female | Adult | 117 | 146 | 73 | 57 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 131 | 155 | 81 | 67 | 29 | 19 | 13 | Seeds | |
| Starling | Female | Adult | 119 | 147 | 74 | 58 | 22 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 126 | 151 | 78 | 62 | 26 | 16 | 11 | Seeds | |
| Starling | Female | Adult | 113 | 144 | 70 | 54 | 19 | 11 | 8 | Seeds | |
| Starling | Male | Adult | 133 | 157 | 83 | 69 | 31 | 21 | 15 | Seeds | |
| Starling | Female | Adult | 120 | 149 | 75 | 59 | 23 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 127 | 152 | 79 | 63 | 27 | 17 | 12 | Seeds | |
| Starling | Female | Adult | 115 | 145 | 72 | 56 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 130 | 154 | 80 | 65 | 28 | 18 | 12 | Seeds | |
| Starling | Female | Adult | 118 | 146 | 73 | 57 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 125 | 151 | 78 | 62 | 26 | 16 | 11 | Seeds | |
| Starling | Female | Adult | 114 | 144 | 70 | 54 | 19 | 11 | 8 | Seeds | |
| Starling | Male | Adult | 132 | 156 | 81 | 67 | 29 | 19 | 13 | Seeds | |
| Starling | Female | Adult | 119 | 147 | 74 | 58 | 22 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 126 | 151 | 78 | 62 | 26 | 16 | 11 | Seeds | |
| Starling | Female | Adult | 113 | 144 | 70 | 54 | 19 | 11 | 8 | Seeds | |
| Starling | Male | Adult | 133 | 157 | 83 | 69 | 31 | 21 | 15 | Seeds | |
| Starling | Female | Adult | 120 | 149 | 75 | 59 | 23 | 14 | 10 | Seeds | |
| Starling | Male | Adult | 127 | 152 | 79 | 63 | 27 | 17 | 12 | Seeds | |
| Starling | Female | Adult | 115 | 145 | 72 | 56 | 21 | 13 | 9 | Seeds | |
| Starling | Male | Adult | 130 | 154 | 80 | 65 | 28 | 18 | 12 | Seeds | |
| Starling | Female | Adult | 118 | 146 | 73 | 57 | 21 | 13 | 9 | | |

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PERCENTAGE FREQUENCY OF
WINDS

WINDS

PART 1

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

Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind direction to 16 compass points and calm vs 11 wind speed (knots) increments in Beaufort classifications. Percentages are shown for both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided in 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.

These tables are prepared for all years combined, by month, by available 3-hour groups.

A percentage frequency of ". " in these tables represents one or more occurrences amounting to less than ".10" percent.

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURE IL S T

CONDITION

| WIND
DIRECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN
WIND
SPEED |
|-------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEAR

MONTH

CLASS

HOURS

CONDITION

| SPEED
KNTS
DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN
WIND
SPEED |
|----------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

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

● ● ●

2740 • J. Neurosci., September 24, 2008 • 28(39):9733–9741

REFERENCES

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TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

LOCATION

| SPEED
KNOTS
OR
M.P.H. | 3 | 4 | 5 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | 56-60 | % | MEAN
WIND
SPEED |
|--------------------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

AREA

TIME

DATE

LOCAL TIME

STANDARD TIME

UNIVERSAL TIME

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

| WIND
DIRECTION | 1 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 31 | 34 | 40 | 41 | 47 | 48 | 55 | 254 | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARB. | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ATLANTA

OL A

SURFACE WINDS

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

STATION NO.

STATION NAME

YEAR

MONTH

CLASS

WINDS

CONDITION

| WIND
DIRECTION | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALL DATA ARE FROM A PERIOD OF 10 YEARS UNLESS OTHERWISE SPECIFIED

SURFACE WINDS

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

STATION _____ STATION NAME _____ YEARS _____
CLASS _____
UNIT _____

| SPEED
KNOTS
OR | 0 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|----------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

QUALITY OF RECORD _____

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

●●●●●

NOV 19 1977

[illegible]TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

TIME

| SPEED
KNOTS
PER
HOUR | 1-4 | 5-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | N | MEAN
WIND
SPEED |
|-------------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---|-----------------------|
| N | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | |
| NE | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | |
| SE | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | |
| S | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

NOTE: 1. ALL WINDS ARE REPORTED AS BEING FROM THE QUADRANT IN WHICH THE WIND IS MOST FREQUENT.

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

COORDINATE

| WIND
DIRECTION | 1-2 | 3-4 | 5-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALPHA 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLS LST

TIME OF DAY

| WIND
DIRECTION | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | |
| CA/M | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

WIND DIRECTION AND SPEED

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

POINT

| WIND
DIRECTION | 1 | 4 | 6 | 7 | 10 | 11 | 16 | 7 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | N | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|---|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

CORRECTION

| WIND
DIRECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|-----------------------|
| N | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | |
| NE | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | |
| SE | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | |
| S | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

APPROXIMATE PERCENTAGE OF WIND DIRECTION AND SPEED

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

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

Figure 1

VLADO

●●●●●

(430)

HOUSE - 1 5 7

[illegible]

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

WIND SPEED

| WIND
DIRECTION | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | |
| VARR. | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALPHA

100

OL A

NO. OF HOURS AVAILABLE

SURFACE WINDS

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

STATION

STATION NAME

YEARS

NORTH

CLASS

HOURLY

CONDITION

| FEET
EXT.
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 | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

CARETA

FORM

NO. 101 A (REV. 1-1-55) (U.S. GOVERNMENT PRINTING OFFICE)

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

●●●●●

NOV 14 1977

TOTAL NUMBER OF OBSERVATIONS

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

●●●●●

4-2-88 1 5 1

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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

034752

574 • J. Neurosci., June 23, 2010 • 30(25):5729–5741

YEARS

●●●●●

4,433

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

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[illegible]

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

MOVES

CONDUCTED

| WIND
DIRECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | N | MEAN
WIND
SPEED |
|-------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| ABSL | | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

NOTE: If the number of observations is less than 100, the percentages should be multiplied by 100.

SURFACE WINDS

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

STATION

STATE NAME

YEARS

BIRTH

CLASS

HOUSE LEFT

NOTES

| WIND
DIRECTION | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 42 | 44 | 46 | 48 | 50 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|------|---|-----------------------|
| N | | | | | | | |
| NNE | | | | | | | |
| N-E | | | | | | | |
| ENE | | | | | | | |
| E | | | | | | | |
| ESE | | | | | | | |
| SE | | | | | | | |
| SSE | | | | | | | |
| S | | | | | | | |
| SSW | | | | | | | |
| SW | | | | | | | |
| WSW | | | | | | | |
| W | | | | | | | |
| WNW | | | | | | | |
| NW | | | | | | | |
| NNW | | | | | | | |
| VARIABLE | | | | | | | |
| CALM | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DATE

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

●●●●●

000000 . 1 7

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOUSE

LONGITUDE

| SPEED
KTS | 2 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | 56 | % | MEAN
WIND
SPEED |
|--------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | |
| SESE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| Label | | | | | | | | | | | | | | | | | | | | | | |
| AM | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM 1901 TO 1904

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOUSE NO. & ST.

COMMENTS

| WIND
DIRECTION | 3 | 4 | 5 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 53 | ≥ 56 | N | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEAR

MONTH

1900

HOURLY

1900

| WIND
DIRECTION | 1 | 4 | 6 | 7 | 10 | 12 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | |
| CAIM | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALPHA

1900

OL A

1900

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOUSE (L.E.T.)

TIME (HOUR)

| WIND
DIRECTION | 1 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

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

1940-1941

0747-1221 2004 000000

TRANS

1500 7 11

64400

NOV 20 1957

[illegible]

TOTAL NUMBER OF OBSERVATIONS

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MOON

CLASS

HOURLY SPEED

CLASSIFICATION

| WIND
DIRECTION | 2 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM 1901 TO 1950 ARE FROM THE U.S. WEATHER BUREAU

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLS (L.S.T.)

UNIT: KNOTS

| WIND
DIRECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN
WIND
SPEED |
|-------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DATA FROM 1961 TO 1962

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS 1 2 3 4 5 6 7 8 9 10 11 12

COORDINATE

| WIND
DIRECTION | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| ABSL | | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION NO.

STATION NAME

YEAR

MONTH

1,000

NO. OF

| WIND
DIRECTION | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | 56-63 | 64-71 | 72-79 | 80-87 | 88-95 | 96-100 | MEAN
WIND
SPEED |
|-------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------------------|
| N | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

QUALITY OF DATA

SURFACE WINDS

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

STATION

STATION NAME

YEAR

MONTH

CLASS

HOURS

TIME

| WIND
DIRECTION | 4 | 5 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VABL | | | | | | | | | | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DATE

TIME

STATION NAME

SURFACE WINDS

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

STATION

STATION NAME

YEAR

MONTH

CLASS

HOURS

UNIT

| WIND
DIRECTION | 4-10 | 11-15 | 16-20 | 21-25 | 26-30 | 31-35 | 36-40 | 41-45 | 46-50 | 51-55 | 56-60 | 61-65 | 66-70 | 71-75 | 76-80 | 81-85 | 86-90 | 91-95 | 96-100 | MEAN
WIND
SPEED |
|-------------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

APPROXIMATE PERCENTAGE OF AVERAGE WIND SPEED

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

值 0.97 和 0.98

NOV 1965

TOTAL NUMBER OF OBSERVATIONS

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

●●●●●

WGV 00 1 1 1

WGV 00 1 1 1

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 01-11-2001 BY 60322 UCBAW

SURFACE WINDS

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

STATION

STATION NAME

YEARS

BORTH

CLASS

HOURE

W. T. OR

| WIND
DIRECTION | 1-2 | 3-4 | 5-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | N | MEAN
WIND
SPEED |
|-------------------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---|-----------------------|
| N | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALPHA

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

總編輯 李國棟

महोदय, १०.३.५७

MEAN
WIND
SPEED[illegible]

TOTAL NUMBER OF OBSERVATIONS

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

SURFACE WINDS

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

STATION

STATION NAME

YEARS

BORTH

CLASS

HOURLY

TIME

| WIND
DIRECTION | 1 | 4 | 7 | 10 | 13 | 16 | 19 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | |
| VARIABLE | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALPHA

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

CONDITION

| FEET
BY
T | 4 6 | 7 10 | 11 16 | 17 21 | 22 27 | 28 33 | 34 40 | 41 47 | 48 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-----------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---|-----------------------|
| N | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | |
| NE | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | |
| SE | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | |
| S | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

STATION NAME

CLASS

STATION NAME

SURFACE WINDS

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

STATION

STATION NAME

YEARS

DIRECTION

CLASS

HOURLY

STATION

| WIND
DIRECTION | 3 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

LOCATION

| WIND
DIRECTION | 3 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 41 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM 1901 TO 1950 ARE FROM THE U.S. WEATHER BUREAU

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURLY

PERCENTAGE

| SPEED
ENTR
CLASS | 1-4 | 5-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | N | MEAN
WIND
SPEED |
|------------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---|-----------------------|
| N | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | |
| N-E | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | |
| E | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | |
| E-S | | | | | | | | | | | | |
| SE | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | |
| S | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | |
| SW | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | |
| W | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | |
| NW | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | |
| VARBL | | | | | | | | | | | | |
| A.M. | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

ALL DATA FROM 1901 TO 1950 ARE AVAILABLE

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS (L.S.T.)

LONGITUDE

| WIND
DIRECTION | 4 | 6 | 10 | 11 | 15 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | |
| VARB. | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MOON

CLASS

MOON

CONDITION

| SPEED
KNOTS
C.B. | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥ 56 | % | MEAN
WIND
SPEED |
|------------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|------|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VARB. | | | | | | | | | | | | | |
| CAIM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

STATION NAME: ... DATE: ...

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

NUMBER OF HOURS

LOCATION

| SPEED
KNOTS
DIR | 1-3 | 4-6 | 7-10 | 11-16 | 17-21 | 22-27 | 28-33 | 34-40 | 41-47 | 48-55 | ≥56 | % | MEAN
WIND
SPEED |
|-----------------------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-----|---|-----------------------|
| N | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | |
| VABBL | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

DATA FROM 1901 TO 1904 ARE NOT AVAILABLE

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

●

NOV 25 1967

MEAN
WIND
SPEED

[illegible]

TOTAL NUMBER OF OBSERVATIONS

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MOON

CLASS

MOON

CONDITION

| WIND
DIRECTION | 4 | 5 | 6 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | MEAN
WIND
SPEED |
|-------------------|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | |
| NE | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | |
| ABBL | | | | | | | | | | | | | | | | | | | | |
| ALL | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

WIND DATA FROM 1941 TO 1942

SURFACE WINDS

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

STATION

STATION NAME

YEARS

MONTH

CLASS

HOURS

TOTAL

| WIND
DIRECTION | 3 | 4 | 6 | 7 | 10 | 11 | 16 | 17 | 21 | 22 | 27 | 28 | 33 | 34 | 40 | 41 | 47 | 48 | 55 | ≥ 56 | % | MEAN
WIND
SPEED |
|-------------------|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|---|-----------------------|
| N | | | | | | | | | | | | | | | | | | | | | | |
| NNE | | | | | | | | | | | | | | | | | | | | | | |
| N | | | | | | | | | | | | | | | | | | | | | | |
| ENE | | | | | | | | | | | | | | | | | | | | | | |
| E | | | | | | | | | | | | | | | | | | | | | | |
| ESE | | | | | | | | | | | | | | | | | | | | | | |
| SE | | | | | | | | | | | | | | | | | | | | | | |
| SSE | | | | | | | | | | | | | | | | | | | | | | |
| S | | | | | | | | | | | | | | | | | | | | | | |
| SSW | | | | | | | | | | | | | | | | | | | | | | |
| SW | | | | | | | | | | | | | | | | | | | | | | |
| WSW | | | | | | | | | | | | | | | | | | | | | | |
| W | | | | | | | | | | | | | | | | | | | | | | |
| WNW | | | | | | | | | | | | | | | | | | | | | | |
| NW | | | | | | | | | | | | | | | | | | | | | | |
| NNW | | | | | | | | | | | | | | | | | | | | | | |
| ABSL | | | | | | | | | | | | | | | | | | | | | | |
| CALM | | | | | | | | | | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

2011 A 1

OPERATING INFORMATION
METAR, A METEOROLOGICAL

CEILING VERSUS VISIBILITY

PART 3

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 10,000 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 the tables are presented by month and available 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.

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. For most Airways stations, visibilities of greater than 10 miles were not reported for part of the period of record. Therefore, the 10+ visibility category should be used with great caution.

For overseas civilian stations reporting "CAVOK", all ceilings greater than 5,000 feet are suppressed into the 10,000+ ceiling class.

100-175

1

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

6-0-2-2-2

[illegible]

TOTAL NUMBER OF OBSERVATIONS

A

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

1. *Chlorophyll a* (Chl *a*)

1. The following information is being furnished to you for your information:

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

1. *Environ. Biol. Fish.* 1997, 48: 171-180.

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 |
| 61 | 71 | 81 | 91 | 101 | 111 | 121 | 131 | 141 | 151 |
| 62 | 72 | 82 | 92 | 102 | 112 | 122 | 132 | 142 | 152 |
| 63 | 73 | 83 | 93 | 103 | 113 | 123 | 133 | 143 | 153 |
| 64 | 74 | 84 | 94 | 104 | 114 | 124 | 134 | 144 | 154 |
| 65 | 75 | 85 | 95 | 105 | 115 | 125 | 135 | 145 | 155 |
| 66 | 76 | 86 | 96 | 106 | 116 | 126 | 136 | 146 | 156 |
| 67 | 77 | 87 | 97 | 107 | 117 | 127 | 137 | 147 | 157 |
| 68 | 78 | 88 | 98 | 108 | 118 | 128 | 138 | 148 | 158 |
| 69 | 79 | 89 | 99 | 109 | 119 | 129 | 139 | 149 | 159 |
| 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 |
| 71 | 81 | 91 | 101 | 111 | 121 | 131 | 141 | 151 | 161 |
| 72 | 82 | 92 | 102 | 112 | 122 | 132 | 142 | 152 | 162 |
| 73 | 83 | 93 | 103 | 113 | 123 | 133 | 143 | 153 | 163 |
| 74 | 84 | 94 | 104 | 114 | 124 | 134 | 144 | 154 | 164 |
| 75 | 85 | 95 | 105 | 115 | 125 | 135 | 145 | 155 | 165 |
| 76 | 86 | 96 | 106 | 116 | 126 | 136 | 146 | 156 | 166 |
| 77 | 87 | 97 | 107 | 117 | 127 | 137 | 147 | 157 | 167 |
| 78 | 88 | 98 | 108 | 118 | 128 | 138 | 148 | 158 | 168 |
| 79 | 89 | 99 | 109 | 119 | 129 | 139 | 149 | 159 | 169 |
| 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 |
| 81 | 91 | 101 | 111 | 121 | 131 | 141 | 151 | 161 | 171 |
| 82 | 92 | 102 | 112 | 122 | 132 | 142 | 152 | 162 | 172 |
| 83 | 93 | 103 | 113 | 123 | 133 | 143 | 153 | 163 | 173 |
| 84 | 94 | 104 | 114 | 124 | 134 | 144 | 154 | 164 | 174 |
| 85 | 95 | 105 | 115 | 125 | 135 | 145 | 155 | 165 | 175 |
| 86 | 96 | 106 | 116 | 126 | 136 | 146 | 156 | 166 | 176 |
| 87 | 97 | 107 | 117 | 127 | 137 | 147 | 157 | 167 | 177 |
| 88 | 98 | 108 | 118 | 128 | 138 | 148 | 158 | 168 | 178 |
| 89 | 99 | 109 | 119 | 129 | 139 | 149 | 159 | 169 | 179 |
| 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| 91 | 101 | 111 | 121 | 131 | 141 | 151 | 161 | 171 | 181 |
| 92 | 102 | 112 | 122 | 132 | 142 | 152 | 162 | 172 | 182 |
| 93 | 103 | 113 | 123 | 133 | 143 | 153 | 163 | 173 | 183 |
| 94 | 104 | 114 | 124 | 134 | 144 | 154 | 164 | 174 | 184 |
| 95 | 105 | 115 | 125 | 135 | 145 | 155 | 165 | 175 | 185 |
| 96 | 106 | 116 | 126 | 136 | 146 | 156 | 166 | 176 | 186 |
| 97 | 107 | 117 | 127 | 137 | 147 | 157 | 167 | 177 | 187 |
| 98 | 108 | 118 | 128 | 138 | 148 | 158 | 168 | 178 | 188 |
| 99 | 109 | 119 | 129 | 139 | 149 | 159 | 169 | 179 | 189 |
| 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 | 190 |
| 101 | 111 | 121 | 131 | 141 | 151 | 161 | 171 | 181 | 191 |
| 102 | 112 | 122 | 132 | 142 | 152 | 162 | 172 | 182 | 192 |
| 103 | 113 | 123 | 133 | 143 | 153 | 163 | 173 | 183 | 193 |
| 104 | 114 | 124 | 134 | 144 | 154 | 164 | 174 | 184 | 194 |
| 105 | 115 | 125 | 135 | 145 | 155 | 165 | 175 | 185 | 195 |
| 106 | 116 | 126 | 136 | 146 | 156 | 166 | 176 | 186 | 196 |
| 107 | 117 | 127 | 137 | 147 | 157 | 167 | 177 | 187 | 197 |
| 108 | 118 | 128 | 138 | 148 | 158 | 168 | 178 | 188 | 198 |
| 109 | 119 | 12 | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

100-101

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

DATE: 10/10/1964

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

1990-1991

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

17 2-14 0

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | |

TOTAL NUMBER OF OBSERVATIONS

As a result, the model is able to capture the complex relationships between the variables and provide a more accurate prediction of the outcome.

AD A147 204

CAMP CASEY TONG DU CHON KOREA LIMITED SURFACE

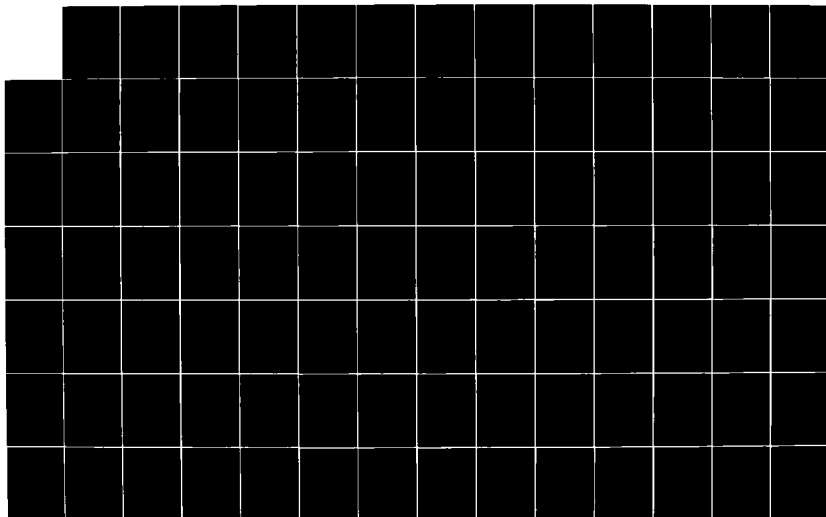
2/3

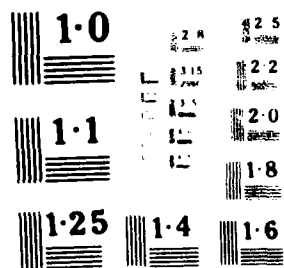
OBSERVATIONS CLIMATIC SUMMA..(U) AIR FORCE

ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER SCOTT A..

UNCLASSIFIED SEP 84 USAFFTAC/DS-R4/031 SBI-AD-FR50 755 F/G 4/2

NL





THE INTRA-DAILY FREQUENCY OF OCCURRENCE
FROM HOURS OF OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS.TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 8 | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

2011年12月15日 星期三 晴

CEILING VERSUS VISIBILITY

DEPENDENCE OF FREQUENCY OF OCCURRENCE FROM NUMBER OF OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

7-11

[illegible]

TOTAL NUMBER OF OBSERVATIONS

7.

1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 26

10-14-68

TOTAL NUMBER OF OBSERVATIONS

11 - 117

TABLE 1. *Estimated and observed values of the parameters of the model for the 1997-1998 season*

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

PER CENTAGE FREQUENCY OF OCCURRENCE
FROM 40-HOUR OBSERVATIONS

[illegible]

TOTAL NUMBER OF OBSERVATIONS

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | | | | | | | | | | | | | |

TOTAL NUMBER OF OBSERVATIONS

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PSYCHROMETRIC SUMMARIES

PART 4

In this section are presented various summaries of dry and wet-bulb temperatures, dewpoints, and relative humidity. The order and manner of representations follows:

1. Cumulative percentage frequency of occurrence derived from available hourly observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 1-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily High temperatures (for available observations)
- b. Daily Low temperatures (for available observations)
- c. Daily mean temperatures (high + low temperatures divided by two)

2. 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 available 3-hour groups with all years combined. The following information is provided:

a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 11 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations which contain both dry-bulb and wet-bulb temperatures; and dry-bulb, wet-bulb, and dewpoint temperatures separately. Total observations for these four items are also provided in two lines at the end of each table.

NOTE: A percentage frequency in this table of ". " represents one or more occurrences amounting to less than .1 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dewpoint temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares $\sum X^2$, sums of values $\sum X$, means $(\bar{X})$, and standard deviations (σX) . 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 dewpoint 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.

Continued on Reverse

3. Means and standard deviations--These tabulations are derived from available hourly observations and present the mean, standard deviation, and total number of observations for the 3-hour groups, by month and annual and annual at the bottom for all hours combined. Summaries for all years combined are presented in the following three tables: 100-DEGREE TEMPERATURE, WET-BULB TEMPERATURE, AND DEWPOINT TEMPERATURE.

4. 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 percent classes, plus the mean relative humidity and total number of observations presented by month and available 3-hour groups.

DAILY TEMPERATURES

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
DATE 08-11-2010 BY 60322 UCBAW

[illegible]

DAILY TEMPERATURES

RELATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
FROM 141 OBSERVATIONS

100

[illegible]

USAFETAC (OL A) [REDACTED]

DAILY TEMPERATURES

M A T H E M A T I C S F R E Q U E N C Y (S) C O N F I D E N T I A L
 F O R M (A T T E N T I O N)

[illegible]

1) SAFETY (101 A) ...

MON 9:00

1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 2679, 26

| Time
P | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-----------|-------------------------------------|----------------|---|---|--------|---|---|---|---|---|--|----|----|----|----|----|----|----|----|----|-------|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B.-W.B. | Dry Bulb | Wet Bulb |
| Element X | Z ₁ | Z ₂ | F | G | No Obs | | | | | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Rel Hum | . | . | . | . | . | | | | | | + 0 P + 32 P + 67 P + 73 P + 80 P + 93 P | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | . | . | . | . | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | . | . | . | . | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | . | . | . | . | . | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

PSYCHROMETRIC SUMMARY

5 * A * Out to A and

✓ (APB)

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PSYCHROMETRIC SUMMARY

Author's Note:

NO 3 3

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NO. 25

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monitors

NO URS 3 1

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| STATE | STATE OR NAVAL | REARS | MONTH |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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1990

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YEARS

MONITORING

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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

MOVIES 33

USAFETAC

| STATE | STATE OR NAME | REARS | MOON |
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NOV 5 1964

HOUSE S. S.

[illegible]

PSYCHROMETRIC SUMMARY

MỘT SỐ

HOUS 1 1 1

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|-------|--------------------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | | |
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USAFETAL

PSYCHROMETRIC SUMMARY

LONG TAIL

NO. 3

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PSYCHROMETRIC SUMMARY

MONTH

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PSYCHROMETRIC SUMMARY

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NOV 9 1964

[illegible]

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[illegible]

| STATE | STATE OR NAME | YEARS | MONTH |
|-------|---------------|-------|-------|
| 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 |
| 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 |
| 13 | 13 | 13 | 13 |
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| 16 | 16 | 16 | 16 |
| 17 | 17 | 17 | 17 |
| 18 | 18 | 18 | 18 |
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| 20 | 20 | 20 | 20 |
| 21 | 21 | 21 | 21 |
| 22 | 22 | 22 | 22 |
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| 74 | 74 | 74 | 74 |
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| 83 | 83 | 83 | 83 |
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| 90 | 90 | 90 | 90 |
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| 94 | 94 | 94 | 94 |
| 95 | 95 | 95 | 95 |
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| 97 | 97 | 97 | 97 |
| 98 | 98 | 98 | 98 |
| 99 | 99 | 99 | 99 |
| 100 | 100 | 100 | 100 |

[illegible]

PSYCHROMETRIC SUMMARY

SPECIAL ADVERTISING SECTION

Y E A R S

1997

100

[illegible]

S * A * T : 14
 S * A * T : One Minute
 YEARS
 MONTH
 + ... +
 MONTHS : S *

[illegible]

| STATE | STATE OR FEDERAL | YEARS | MONTH |
|---------|------------------|-------|-------|
| 1 | | | 1 |
| 2 | | | 2 |
| HOUSERS | | | 3 |

[illegible]

| STATION | START ON | YEAR | MONTH | |
|---------|----------|------|--------|---|
| | | | 1 | 2 |
| | | | HOURLY | 5 |

[illegible]

PSYCHROMETRIC SUMMARY

MÔN 1

MOUSE : 5 *

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USAFETAC
 20511A
 20511A
 20511A

PSYCHROMETRIC SUMMARY

MEMO 7 30

NOV 5 1957

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | TOTAL | | TOTAL | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|---|-------|-----------|----------|----------|
| | C | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb |

Element X Z_H Z_E H No. Obs Mean No. of Hours with Temperature

Rel Hum 70% 70% 70% 70% + 0 F + 32 F + 67 F + 73 F + 80 F + 93 F Total

Dry Bulb 70% 70% 70% 70% .1 .1 .1 .1 .1 .1 .1

Wet Bulb 70% 70% 70% 70% .1 .1 .1 .1 .1 .1 .1

Dew Point 70% 70% 70% 70% .1 .1 .1 .1 .1 .1 .1

USAFETAL 0265 (C) 24 2000 1999 1998 1997 1996 1995 1994 1993 1992 1991 1990 1989 1988 1987 1986 1985 1984 1983 1982 1981 1980 1979 1978 1977 1976 1975 1974 1973 1972 1971 1970 1969 1968 1967 1966 1965 1964 1963 1962 1961 1960 1959 1958 1957 1956 1955 1954 1953 1952 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1899 1898 1897 1896 1895 1894 1893 1892 1891 1890 1889 1888 1887 1886 1885 1884 1883 1882 1881 1880 1879 1878 1877 1876 1875 1874 1873 1872 1871 1870 1869 1868 1867 1866 1865 1864 1863 1862 1861 1860 1859 1858 1857 1856 1855 1854 1853 1852 1851 1850 1849 1848 1847 1846 1845 1844 1843 1842 1841 1840 1839 1838 1837 1836 1835 1834 1833 1832 1831 1830 1829 1828 1827 1826 1825 1824 1823 1822 1821 1820 1819 1818 1817 1816 1815 1814 1813 1812 1811 1810 1809 1808 1807 1806 1805 1804 1803 1802 1801 1800 1799 1798 1797 1796 1795 1794 1793 1792 1791 1790 1789 1788 1787 1786 1785 1784 1783 1782 1781 1780 1779 1778 1777 1776 1775 1774 1773 1772 1771 1770 1769 1768 1767 1766 1765 1764 1763 1762 1761 1760 1759 1758 1757 1756 1755 1754 1753 1752 1751 1750 1749 1748 1747 1746 1745 1744 1743 1742 1741 1740 1739 1738 1737 1736 1735 1734 1733 1732 1731 1730 1729 1728 1727 1726 1725 1724 1723 1722 1721 1720 1719 1718 1717 1716 1715 1714 1713 1712 1711 1710 1709 1708 1707 1706 1705 1704 1703 1702 1701 1700 1699 1698 1697 1696 1695 1694 1693 1692 1691 1690 1689 1688 1687 1686 1685 1684 1683 1682 1681 1680 1679 1678 1677 1676 1675 1674 1673 1672 1671 1670 1669 1668 1667 1666 1665 1664 1663 1662 1661 1660 1659 1658 1657 1656 1655 1654 1653 1652 1651 1650 1649 1648 1647 1646 1645 1644 1643 1642 1641 1640 1639 1638 1637 1636 1635 1634 1633 1632 1631 1630 1629 1628 1627 1626 1625 1624 1623 1622 1621 1620 1619 1618 1617 1616 1615 1614 1613 1612 1611 1610 1609 1608 1607 1606 1605 1604 1603 1602 1601 1600 1599 1598 1597 1596 1595 1594 1593 1592 1591 1590 1589 1588 1587 1586 1585 1584 1583 1582 1581 1580 1579 1578 1577 1576 1575 1574 1573 1572 1571 1570 1569 1568 1567 1566 1565 1564 1563 1562 1561 1560 1559 1558 1557 1556 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 118

PSYCHROMETRIC SUMMARY

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| START DATE | START ON NAME | YEARS | MONTHS |
|------------|--------------------|-------|--------|
| 1970-01-01 | JOHN DOE | 10 | 12 |
| 1971-06-15 | JANE SMITH | 8 | 6 |
| 1972-03-10 | BILL GARCIA | 5 | 3 |
| 1973-09-22 | MARY JOHNSON | 3 | 1 |
| 1974-11-05 | ROBERT BROWN | 2 | 0 |
| 1975-04-18 | SARAH WILSON | 1 | 0 |
| 1976-07-01 | LUCAS ANDERSON | 0 | 0 |
| 1977-10-12 | EMMA THOMPSON | 0 | 0 |
| 1978-02-28 | HENRY CLARK | 0 | 0 |
| 1979-05-14 | OLIVIA ROY | 0 | 0 |
| 1980-08-03 | NATHAN KING | 0 | 0 |
| 1981-12-20 | ALEXANDER LEE | 0 | 0 |
| 1982-01-01 | AMANDA HARRIS | 0 | 0 |
| 1983-03-15 | ANTHONY FOSTER | 0 | 0 |
| 1984-06-01 | CHLOE PERKINS | 0 | 0 |
| 1985-09-10 | DANIEL COOPER | 0 | 0 |
| 1986-11-25 | EVELYN RICHARDS | 0 | 0 |
| 1987-04-08 | FREDERICK MANN | 0 | 0 |
| 1988-07-22 | GABRIEL STEVENS | 0 | 0 |
| 1989-10-05 | HARRISON PETERSON | 0 | 0 |
| 1990-12-18 | IRIS CAMPBELL | 0 | 0 |
| 1991-02-01 | JACKSON PHILLIPS | 0 | 0 |
| 1992-05-16 | KATHERINE EVANS | 0 | 0 |
| 1993-08-04 | LEWIS GREEN | 0 | 0 |
| 1994-11-19 | MADISON ADAMS | 0 | 0 |
| 1995-03-02 | NORMAN BAKER | 0 | 0 |
| 1996-06-17 | OLIVER NELSON | 0 | 0 |
| 1997-09-01 | PATRICIA HUNT | 0 | 0 |
| 1998-12-14 | QUINN BLACK | 0 | 0 |
| 1999-01-01 | RACHEL WHITE | 0 | 0 |
| 2000-03-10 | SEAN GRAY | 0 | 0 |
| 2001-06-25 | TIMOTHY JAMES | 0 | 0 |
| 2002-09-08 | URSULA KING | 0 | 0 |
| 2003-11-21 | VICTOR LEE | 0 | 0 |
| 2004-04-05 | WENDY ROY | 0 | 0 |
| 2005-07-19 | XAVIER CLARK | 0 | 0 |
| 2006-10-03 | YVETTE SCOTT | 0 | 0 |
| 2007-12-17 | ZACHARY BROWN | 0 | 0 |
| 2008-02-01 | ADAM DAVIS | 0 | 0 |
| 2009-05-15 | ALICE MILLER | 0 | 0 |
| 2010-08-01 | BENJAMIN WALKER | 0 | 0 |
| 2011-11-14 | CAROLINE YOUNG | 0 | 0 |
| 2012-03-28 | DONALD HARRIS | 0 | 0 |
| 2013-06-11 | EMILY FOSTER | 0 | 0 |
| 2014-09-25 | FREDERICK PERKINS | 0 | 0 |
| 2015-12-09 | GABRIEL COOPER | 0 | 0 |
| 2016-02-22 | HARRISON RICHARDS | 0 | 0 |
| 2017-05-06 | IRIS MANN | 0 | 0 |
| 2018-08-20 | JACKSON STEVENS | 0 | 0 |
| 2019-11-03 | KATHERINE PETERSON | 0 | 0 |
| 2020-01-17 | LEWIS CAMPBELL | 0 | 0 |
| 2021-04-30 | MADISON PHILLIPS | 0 | 0 |
| 2022-07-14 | NORMAN EVANS | 0 | 0 |
| 2023-10-28 | OLIVER GREEN | 0 | 0 |
| 2024-01-11 | PATRICIA ADAMS | 0 | 0 |
| 2025-04-25 | QUINN BAKER | 0 | 0 |
| 2026-07-09 | RACHEL NELSON | 0 | 0 |
| 2027-10-23 | SEAN HUNT | 0 | 0 |
| 2028-01-06 | TIMOTHY BLACK | 0 | 0 |
| 2029-04-20 | URSULA WHITE | 0 | 0 |
| 2030-07-04 | VICTOR GRAY | 0 | 0 |
| 2031-10-18 | WENDY JAMES | 0 | 0 |
| 2032-01-01 | XAVIER KING | 0 | 0 |
| 2033-04-15 | YVETTE LEE | 0 | 0 |
| 2034-07-29 | ZACHARY ROY | 0 | 0 |
| 2035-11-12 | ADAM CLARK | 0 | 0 |
| 2036-02-26 | ALICE SCOTT | 0 | 0 |
| 2037-05-10 | BENJAMIN BROWN | 0 | 0 |
| 2038-08-24 | CAROLINE DAVIS | 0 | 0 |
| 2039-11-07 | DONALD MILLER | 0 | 0 |
| 2040-02-21 | EMILY WALKER | 0 | 0 |
| 2041-05-05 | FREDERICK YOUNG | 0 | 0 |
| 2042-08-19 | GABRIEL HARRIS | 0 | 0 |
| 2043-11-02 | HARRISON FOSTER | 0 | 0 |
| 2044-02-16 | IRIS PERKINS | 0 | 0 |
| 2045-05-30 | JACKSON COOPER | 0 | 0 |
| 2046-08-13 | KATHERINE RICHARDS | 0 | 0 |
| 2047-11-27 | LEWIS MANN | 0 | 0 |
| 2048-02-10 | MADISON STEVENS | 0 | 0 |
| 2049-05-24 | NORMAN PETERSON | 0 | 0 |
| 2050-08-07 | OLIVER CAMPBELL | 0 | 0 |
| 2051-11-21 | PATRICIA PHILLIPS | 0 | 0 |
| 2052-02-04 | QUINN EVANS | 0 | 0 |
| 2053-05-18 | RACHEL GREEN | 0 | 0 |
| 2054-08-31 | SEAN ADAMS | 0 | 0 |
| 2055-12-14 | TIMOTHY BAKER | 0 | 0 |
| 2056-03-28 | URSULA NELSON | 0 | 0 |
| 2057-06-11 | VICTOR HUNT | 0 | 0 |
| 2058-09-25 | WENDY BLACK | 0 | 0 |
| 2059-12-09 | XAVIER WHITE | 0 | 0 |
| 2060-03-22 | YVETTE GRAY | 0 | 0 |
| 2061-06-05 | ZACHARY JAMES | 0 | 0 |
| 2062-09-19 | ADAM KING | 0 | 0 |
| 2063-12-03 | ALICE LEE | 0 | 0 |
| 2064-02-16 | BENJAMIN ROY | 0 | 0 |

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|-------------------------------------|---|---|---|---|---|---|---|---|-------------|----------|----------|-----------|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | |
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| STATE | STATE OR TERRITORY | YEARS | MONTH | HOURS |
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| ALABAMA | ALABAMA | 1960 | 1 | 1 |
| ALASKA | ALASKA | 1960 | 1 | 1 |
| ARIZONA | ARIZONA | 1960 | 1 | 1 |
| ARKANSAS | ARKANSAS | 1960 | 1 | 1 |
| CALIFORNIA | CALIFORNIA | 1960 | 1 | 1 |
| COLORADO | COLORADO | 1960 | 1 | 1 |
| CONNECTICUT | CONNECTICUT | 1960 | 1 | 1 |
| DELAWARE | DELAWARE | 1960 | 1 | 1 |
| FLORIDA | FLORIDA | 1960 | 1 | 1 |
| GEORGIA | GEORGIA | 1960 | 1 | 1 |
| ILLINOIS | ILLINOIS | 1960 | 1 | 1 |
| INDIANA | INDIANA | 1960 | 1 | 1 |
| IOWA | IOWA | 1960 | 1 | 1 |
| KANSAS | KANSAS | 1960 | 1 | 1 |
| KENTUCKY | KENTUCKY | 1960 | 1 | 1 |
| LOUISIANA | LOUISIANA | 1960 | 1 | 1 |
| MAINE | MAINE | 1960 | 1 | 1 |
| MARYLAND | MARYLAND | 1960 | 1 | 1 |
| MASSACHUSETTS | MASSACHUSETTS | 1960 | 1 | 1 |
| MICHIGAN | MICHIGAN | 1960 | 1 | 1 |
| MINNESOTA | MINNESOTA | 1960 | 1 | 1 |
| MISSISSIPPI | MISSISSIPPI | 1960 | 1 | 1 |
| MISSOURI | MISSOURI | 1960 | 1 | 1 |
| MONTANA | MONTANA | 1960 | 1 | 1 |
| NEBRASKA | NEBRASKA | 1960 | 1 | 1 |
| NEVADA | NEVADA | 1960 | 1 | 1 |
| NEW HAMPSHIRE | NEW HAMPSHIRE | 1960 | 1 | 1 |
| NEW JERSEY | NEW JERSEY | 1960 | 1 | 1 |
| NEW MEXICO | NEW MEXICO | 1960 | 1 | 1 |
| NEW YORK | NEW YORK | 1960 | 1 | 1 |
| NORTH CAROLINA | NORTH CAROLINA | 1960 | 1 | 1 |
| NORTH DAKOTA | NORTH DAKOTA | 1960 | 1 | 1 |
| OHIO | OHIO | 1960 | 1 | 1 |
| OKLAHOMA | OKLAHOMA | 1960 | 1 | 1 |
| OREGON | OREGON | 1960 | 1 | 1 |
| PENNSYLVANIA | PENNSYLVANIA | 1960 | 1 | 1 |
| RHODE ISLAND | RHODE ISLAND | 1960 | 1 | 1 |
| SOUTH CAROLINA | SOUTH CAROLINA | 1960 | 1 | 1 |
| SOUTH DAKOTA | SOUTH DAKOTA | 1960 | 1 | 1 |
| TENNESSEE | TENNESSEE | 1960 | 1 | 1 |
| TEXAS | TEXAS | 1960 | 1 | 1 |
| UTAH | UTAH | 1960 | 1 | 1 |
| Vermont | VERMONT | 1960 | 1 | 1 |
| VIRGINIA | VIRGINIA | 1960 | 1 | 1 |
| WASHINGTON | WASHINGTON | 1960 | 1 | 1 |
| WEST VIRGINIA | WEST VIRGINIA | 1960 | 1 | 1 |
| WISCONSIN | WISCONSIN | 1960 | 1 | 1 |
| WYOMING | WYOMING | 1960 | 1 | 1 |

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| Temp
° | WET BULB TEMPERATURE DEPRESSION (°F) | | | | | | | | | | TOTAL | | TOTAL | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B., W.B. Dry Bulb | Wet Bulb | Dew Point | |
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| Temp
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | De- Point | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. Wet Bulb | Dry Bulb | Wet Bulb | Dew Point | |
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| Temp | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | TOTAL | | TOTAL | | |
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| STATE OR | STATE OR NAME | YEARS | MONTH | HOURS |
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| Time | | WET BULB TEMPERATURE DEPRESSION (F.) | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|--|--------------------------------------|---|---|---|---|---|---|---|---|---|-------|-----------|----------|----------|-----------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| Element | | | | | | | | | | | | | | | | |
| Rel Hum | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | |

| STATION | STATION NAME | YEARS | MONTH |
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PSYCHROMETRIC SUMMARY

| S "A" ON | S "A" ON NAME | YEARS | MONTH |
|----------|---------------|-------|------------|
| | | | 1 7 |
| | | | NO. 25 1 7 |

| | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | TOTAL | | TOTAL | | |
|--|--|-------------------------------------|---|---|---|---|---|---|---|---|---|-------|------|----------|----------|-----------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point |

Element X X₁ X₂ X₃ No. Obs Mean No. of Hours with Temperature

| | - 0 F | - 32 F | + 67 F | + 73 F | + 80 F | + 93 F | Total |
|-----------|-------|--------|--------|--------|--------|--------|-------|
| Rain Num | | | | | | | |
| Dry Bulb | | | | | | | |
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PSYCHROMETRIC SUMMARY

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PSYCHROMETRIC SUMMARY

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| WET BULB TEMPERATURE DEPRESSION (F) | | TOTAL | |
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| 28 | 29 | 30 | 31 |

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | TOTAL | | TOTAL | | | |
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| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. - W.B. | Dry Bulb | Wet Bulb | Dew Point | |
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4. LOCATION _____

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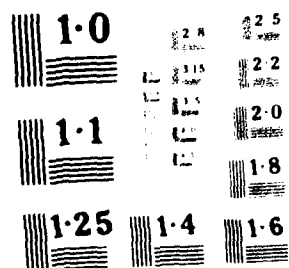
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| STATION | STATION NAME | YEAR | MONTH | HOURS |
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PSYCHROMETRIC SUMMARY

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| STATION | STATION NAME | YEARS | MONTH | HOURS | SEC |
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| 1 | 1 | 1 | 1 | 1 | 1 |
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PSYCHROMETRIC SUMMARY

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USAFETAC
FORM 06-84
0265 (OLA)
DO NOT WRITE IN THESE SPACES

• • • • •

DATE: 08/14/2017

YEARS

MÔ HÌNH 1

NO. 3

[illegible]

* * *

USAF ETAC FORM 0-895 (OL A)
OCT 78

NATIONAL CLIMATE DATA CENTER
 WASHINGTON, D. C. 20541
 AT: LEADERS SERVICE/MS

RELATIVE HUMIDITY

STATION NAME

9800

2000

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAPETAC FORM 0-07.5 OL A.

1. THE STATE OF TEXAS, County of EL PASO, do hereby certify that
 the within and foregoing is a true and correct copy of the original
 of the same as the same appears from the records of the County Clerk
 of said County of El Paso, State of Texas, this 11th day of
 February, 1911.

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC FORM 0-87-5-01 A

44-38861-100

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
PER
DAY | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|----------|---------------------|--|------|-----|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| JAN | 1 | 1 | 1 | 2.6 | 7. | 7. | 16.7 | 34.7 | 40.9 | 17.6 | 71.2 | 174 |
| FEB | 1 | 1 | 1 | 4.1 | 16.7 | 20.7 | 41.3 | 20.7 | 17. | 20.7 | 67.6 | 77 |
| MARCH | 1.7 | 1.7 | 14. | 40. | 21.7 | 20.1 | 14. | 7.7 | 1.1 | 4.1 | 71 | |
| APRIL | 1.7 | 1.7 | 27.1 | 22. | 17. | 17.4 | 11. | 8. | 1.1 | 17.1 | 71 | |
| MAY | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| JUNE | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| JULY | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AUG | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SEPT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| OCT | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| NOV | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| DECEMBER | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| TOTALS | 16.7 | 16.7 | 85. | 66. | 15.1 | 12.3 | 31.3 | 11.3 | 1. | 51.2 | 217 | |

RELATIVE HUMIDITY

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

USAFETAC ~~FORM~~ 0-87-5 01 A

RELATIVE HUMIDITY

44

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
PER
DAY | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|----------|---------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | |
| JAN | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 97.6 | 78.7 | 41.0 | 15.0 | 61.9 | 74 |
| FEB | 28 | 100.0 | 100.0 | 99.3 | 98.9 | 98.1 | 94.0 | 87.0 | 49.0 | 9.6 | 64.7 | 104 |
| MAR | 24 | 100.0 | 100.0 | 98.0 | 97.0 | 96.0 | 97.9 | 86.0 | 46.1 | 9.5 | 64.0 | 77 |
| APR | 24 | 100.0 | 100.0 | 98.0 | 95.0 | 90.0 | 85.0 | 70.0 | 30.0 | 5.0 | 60.0 | 107 |
| MAY | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| JUN | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| JUL | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| AUG | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| SEPT | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| OCT | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| NOV | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| DECEMBER | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| TOTALS | 720 | 1000.0 | 999.1 | 998.5 | 997.1 | 996.0 | 986.0 | 938.6 | 827.7 | 609.1 | 676.6 | 1102 |

0-87.5 OL A.

U.S. METEOROLOGICAL SERVICE
 FORM NO. 1
 AT THE NATIONAL BUREAU OF METEOROLOGY

RELATIVE HUMIDITY

STATION: STATION NAME: PERIOD: MONTH:

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
LAST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|--------|---------------|--|-------|------|------|------|------|------|------|------------------------------|------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | | |
| 1-1 | | | | | | | | | | | |
| 1-2 | | | | | | | | | | | |
| 1-3 | | | | | | | | | | | |
| 1-4 | | | | | | | | | | | |
| 1-5 | | | | | | | | | | | |
| 1-6 | | | | | | | | | | | |
| 1-7 | | | | | | | | | | | |
| 1-8 | | | | | | | | | | | |
| 1-9 | | | | | | | | | | | |
| 1-10 | | | | | | | | | | | |
| 1-11 | | | | | | | | | | | |
| 1-12 | | | | | | | | | | | |
| 1-13 | | | | | | | | | | | |
| 1-14 | | | | | | | | | | | |
| 1-15 | | | | | | | | | | | |
| 1-16 | | | | | | | | | | | |
| 1-17 | | | | | | | | | | | |
| 1-18 | | | | | | | | | | | |
| 1-19 | | | | | | | | | | | |
| 1-20 | | | | | | | | | | | |
| 1-21 | | | | | | | | | | | |
| 1-22 | | | | | | | | | | | |
| 1-23 | | | | | | | | | | | |
| 1-24 | | | | | | | | | | | |
| 1-25 | | | | | | | | | | | |
| 1-26 | | | | | | | | | | | |
| 1-27 | | | | | | | | | | | |
| 1-28 | | | | | | | | | | | |
| 1-29 | | | | | | | | | | | |
| 1-30 | | | | | | | | | | | |
| 1-31 | | | | | | | | | | | |
| TOTALS | | 100.0 | 100.0 | 98.9 | 94.9 | 83.0 | 65.9 | 49.8 | 35.7 | 16.8 | 7091 |

RELATIVE HUMIDITY

7. 2. 2.

PERIOD

2025年1月1日

| MONTH | HOURS
EST | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS | |
|--------|--------------|--|------|------|------|------|------|------|------|------------------------------|------------------------|------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | | | 90 |
| JAN | 176.0 | 10.7 | 10.0 | 11.0 | 11.7 | 19.3 | 27.3 | 34.9 | 2.1 | 11.2 | 48.6 | 761 |
| FEB | 157.0 | 9.7 | 9.4 | 10.1 | 10.4 | 19.4 | 21.3 | 24.3 | 24.2 | 1.7 | 49.2 | 716 |
| MAR | 170.0 | 10.2 | 10.7 | 10.7 | 10.7 | 20.3 | 20.4 | 17.4 | 4.1 | 2.1 | 52.7 | 719 |
| APR | 170.0 | 9.3 | 10.7 | 11.0 | 11.7 | 23.3 | 27.3 | 11.0 | 3.4 | 1.6 | 50.4 | 671 |
| MAY | 170.0 | | | | | | | | | | | |
| JUN | 170.0 | | | | | | | | | | | |
| JUL | 170.0 | | | | | | | | | | | |
| AUG | 170.0 | | | | | | | | | | | |
| SEPT | 170.0 | | | | | | | | | | | |
| OCT | 170.0 | | | | | | | | | | | |
| NOV | 170.0 | | | | | | | | | | | |
| DEC | 170.0 | | | | | | | | | | | |
| TOTALS | 1760.0 | 9.7 | 97.1 | 97.2 | 97.2 | 72.2 | 54.6 | 41.3 | 28.9 | 15.4 | 65.2 | 2237 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

| STATION | PERIOD | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS |
|---------|--------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|------------------------------|------------------------|
| | | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | | | |
| 1-10 | 1-10 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-11 | 1-11 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-12 | 1-12 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-13 | 1-13 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-14 | 1-14 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-15 | 1-15 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-16 | 1-16 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-17 | 1-17 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-18 | 1-18 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-19 | 1-19 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-20 | 1-20 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-21 | 1-21 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-22 | 1-22 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-23 | 1-23 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-24 | 1-24 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-25 | 1-25 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-26 | 1-26 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-27 | 1-27 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-28 | 1-28 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-29 | 1-29 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-30 | 1-30 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| 1-31 | 1-31 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| TOTALS | | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

USAFETAC

FORM 10-62

10-87-5 Q1 A

OPERATING LOCATION: TAY
USAFETAC, ACHVILLE NC

PART :

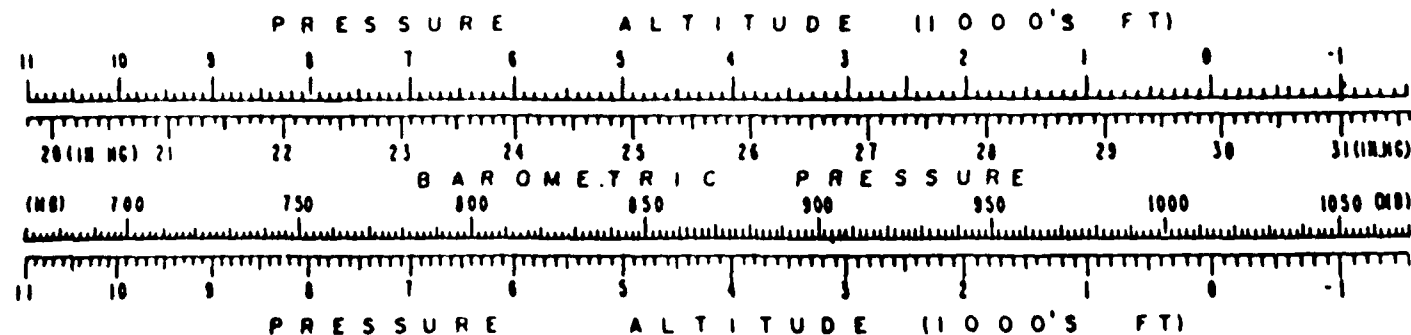
PRESSURE SUMMARY

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 OCT. 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.

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.



END

DATE
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1 - 85

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