

AD-A204 847

SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

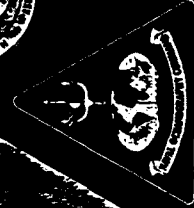
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STATION: #13880 Charleston, SC	LAT: 32:54 N. LONG: 80:02 W.
PERIOD: HOURLY: 1945-1986	DAILY: 1945-1986
ELEVATION: 46 feet.	DATE: December 1988
JOB NO. TASK: ANGABLD	

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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1. REPORT NUMBER	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		
18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover.		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.		

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S/N 0102-LF-014-6601

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

1. 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.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

3. Atmospheric Phenomena Table 36: This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

a. The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

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

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than 5/8 mile.

4. Precipitation, Snowfall and Snow Depth. These elements are presented using the daily amounts and extreme value.

a. Tables 8, 9, and 10 provide for each element separately the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least).

b. Table 21 for each element presents the extreme daily amounts by individual month and day for the entire period of record available.

c. Tables 23, 24, and 25 provide for each element separately individual year and month extreme daily amounts and the means and standard deviations for each month and annual for all months combined.

NOTE 1: Snow depth was recorded and punched at various hours during the period available from U.S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

U.S. Navy and Weather Bureau Stations:

From beginning of record thru Jun 52 - Snow depth at 0030 UTC
Jul 52 - May 57 Snow depth at 1230 UTC
Jun 57 - present Snow depth at 1200 UTC

NOTE 2: Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956, and after Dec 1979.

5. Surface Winds.

a. Extreme Values - Peak Gusts Table 27: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in terms of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with <90% observations reported is also provided.

b. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction. A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

Table 1 contains three presentations prepared for all surface winds included, and for all years combined as follows:

- (a) By month - by standard 3-hour groups
- (b) By month - all hours combined
- (c) Annual - all hours combined

6. Ceiling Versus Visibility Table 2. This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

- (a) By Month - by standard 3-hour groups
- (b) By Month - all years and all hours combined
- (c) Annual - all years and all hours combined

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 minimal may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on the following pages.

Beginning in July 1948 for U. S. Air Force stations and January 1949 for National Weather Service (NWS) and U.S. Navy stations the 'no ceiling' category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

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

EXAMPLE # 1: Read ceiling values independently of visibility under column at right headed > 0. For instance, from the table:

Ceiling > 1500 feet = 92.6%.
Ceiling > 500 feet = 98.1%.

EXAMPLE # 2: Read visibilities independently of ceilings on bottom line opposite > 0. From the tables:

Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

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

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

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

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

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

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

7. Sky Cover Table 11. This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover (see Note 3) and total number of observations. It is presented as follows:

By month and annual - by standard 3-hour groups, and all hours combined.

NOTE: #1: Sky cover (total cloud amount) was not reported by U.S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. NWS stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: #2: Some data sources used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

OKTAS	TENTHS
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

NOTE: #3: Beginning in 1981 the symbols of Clear, Scattered, Broken, Overcast, and Obscured were used as input for the Total Sky Cover. Following are the conversions:

0/10 equates to clear
 1/10 to 5/10 equates to scattered
 6/10 to 9/10 equates to broken
 10/10 equates to overcast

8. Psychrometric Summaries.

a. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

Table 5 Daily maximum temperature
Table 6 Daily minimum temperature
Table 7 Daily mean temperature

b. Daily Average/Extreme Temperatures Table 29 derived observations and presented for each month and day for entire period of record available are average temperature, average and extreme maximum temperature, average and extreme minimum.

c. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard of daily extreme temperatures are prepared:

Table 30 Extreme maximum temperature
Table 31 Extreme minimum temperature

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

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

(1) The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression is 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total number of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table.

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

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. 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 computations for each element is also shown.

(3) At the lower right of each page Table 40 gives the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

d. Means and standard deviations. These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

Table 15 Dry-bulb temperature
Table 16 Wet-bulb temperature
Table 17 Dew-point temperature

e. Cumulative percentage frequency of occurrence of relative humidity Table 12. This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

By Month and Annual - by standard 3-hour groups, and all hours combined with the hour groups being the vertical argument. All years are combined for this summary.

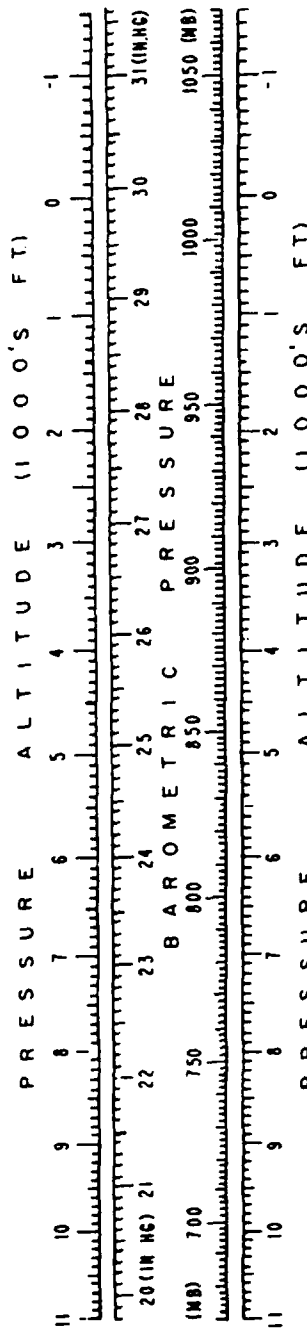
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five degree increments and horizontally by eight wind directions (plus calm).

9. Pressure Summary. 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 UTC. 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.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure latitude in 1000's of feet. This scale is an enlarged model of the pressure latitude scale in the Smithsonian Meteorological Tables.



M. L. DICKENSON
M. L. DICKENSON

TABULATION. INDEXES BY NUMBER

TAB #	DESCRIPTION
1	...
2	...
3	...
4	...
5	...
6	...
7	...
8	...
9	...
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11	...
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HOURLY DATA TABULATIONS :

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1 SURFACE WINDS -- WIND DIR VS WIND SPEED VS HOUR
2 CEILING VERSUS VISIBILITY -- BY HOUR
3 PSYCHROMETRIC SUMMARY -- DEPRESSIONS, DRY BULB, WET BULB, DEW POINT
4 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
5 MEAN NO. OF DAYS WITH TEMPERATURE >= OR <= THRESHOLD VALUES
6 NOTE : 28 AND 40 ARE SUB TABLES OF TABLE 3
7 PERCENT FREQUENCY OF AIR TEMPERATURE VS WIND DIRECTION -- BY HOUR
8 SKYCOVER -- HOUR VS SKYCOVER AMTS VS MONTH
9 REL HUM -- HOUR VS REL HUM AMTS VS MONTH
10 WEATHER CONDITIONS -- HOUR VS WX CONDS VS MONTH
11 PERCENT FREQUENCY OF WIND DIRECTION VS WEATHER CONDITIONS -- BY MONTH
12 MEANS AND STANDARD DEVIATIONS (DRY BULB TEMPERATURE) -- BY MONTH
13 MEANS AND STANDARD DEVIATIONS (WET BULB TEMPERATURE) -- BY MONTH
14 MEANS/AND STANDARDS (DEW POINT TEMPERATURE) -- BY MONTH
15 MEANS AND STANDARD DEVIATIONS (SEA LEVEL PRESSURE) -- BY MONTH
16 MEANS AND STANDARD DEVIATIONS (STATION PRESSURE) -- BY MONTH
17 FLYING WEATHER - PERCENT OF HOURS WITH : CEILING & VISIBILITY CLASSES (HOUR VS MONTH)

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DAILY DATA TABULATIONS :

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5 DAILY MAXIMUM TEMPERATURES -- DEGREE VS MONTH
6 DAILY MINIMUM TEMPERATURES -- DEGREE VS MONTH
7 DAILY MEAN TEMPERATURES -- DEGREE VS MONTH
8 DAILY AMOUNTS (PRECIPITATION) -- MONTH VS AMTS
9 DAILY AMOUNTS (SNOW FALL) -- MONTH VS AMTS
10 DAILY AMOUNTS (SNOW DEPTH) -- MONTH VS AMTS
11 DAILY EXTREME AMOUNTS : PRECIPITATION
12 DAILY EXTREME AMOUNTS : SNOW FALL AND SNOW DEPTH
13 EXTREME VALUES : PRECIPITATION (24 HOUR TOTALS) -- YEAR VS MONTH
14 EXTREME VALUE : SNOW FALL -- YEAR VS MONTH
15 EXTREME VALUE : SNOW DEPTH -- YEAR VS MONTH
16 OMITTED
17 EXTREME VALUES : DAILY PEAK GUSTS -- YEAR VS MONTH
18 MEANS AND STANDARD DEVIATIONS OF RELATIVE HUMIDITY
19 DAILY AVERAGES/EXTREME TEMPERATURES -- BY MONTH
20 EXTREME VALUES : MAXIMUM TEMPERATURE -- YEAR VS MONTH
21 EXTREME VALUES : MINIMUM TEMPERATURE -- YEAR VS MONTH
22 YEAR/MONTH VALUES : HEATING DEGREE DAYS--YEAR VS MONTH
23 YEAR/MONTH VALUES : COOLING DEGREE DAYS--YEAR VS MONTH
24 YEAR/MONTH VALUES : MEAN TEMPERATURES : YEAR
25 YEAR/MONTH VALUES -- TOTAL PRECIPITATION
26 WEATHER CONDITIONS--MONTH VS WEATHER CONDITIONCLASS FROM DAILY OBSERVATIONS
27 STATION CLIMATIC SUMMARY
28 OMITTED
29 OMITTED

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G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 32W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY (F WIND
 DIRECTION VS SPEED
 (FROM HOURLY OBSERVATIONS))

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.9	4.2	3.5	1.1	.0	.0	.0	.0	.0	.0	.0	9.7	6.6				
NNE	1.5	3.2	3.1	1.2	.0	.0	.0	.0	.0	.0	.0	9.0	6.7				
NE	.9	1.9	2.3	1.1	.0	.0	.0	.0	.0	.0	.0	6.2	7.2				
ENE	.5	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.7	6.1				
E	.4	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5				
ESE	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.5	4.9				
SE	.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.9				
SSE	.2	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.3	6.0				
S	1.2	2.6	1.1	.6	.2	1.1	1.0	.0	.0	.0	.0	5.8	7.0				
SSW	.8	2.6	2.6	1.2	.2	1.1	.0	.0	.0	.0	.0	7.5	7.6				
SW	.9	2.5	3.8	1.5	.2	.2	.0	.0	.0	.0	.0	9.0	8.0				
WSW	.3	2.0	3.8	.6	.0	1.1	.0	.0	.0	.0	.0	7.0	7.8				
W	.4	2.2	3.9	1.8	.3	1.1	.0	.0	.0	.0	.0	8.8	8.8				
WNW	.3	1.2	2.5	1.8	.3	1.1	.0	.0	.0	.0	.0	6.2	9.6				
NW	1.1	.8	1.9	1.0	.0	1.0	.0	.0	.0	.0	.0	4.8	7.4				
NNW	.6	3.5	1.7	.8	.0	.0	.0	.0	.0	.0	.0	6.7	6.5				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	.0				
ALL	11.2	30.3	32.1	13.5	1.2	.5	1.1	.0	.0	.0	.0	100.0	6.6				

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0400 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6	4.6	3.1	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.8
NNE	1.1	2.8	4.8	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	7.5
NE	1.6	1.9	2.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.7
ENE	.4	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.5
E	.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
ESE	.2	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.1
SE	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.8
SSE	.5	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.9
S	1.2	1.5	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.3
SSW	.2	1.9	2.8	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.9
SW	.5	1.9	2.2	1.3	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.4
WSW	.5	2.7	3.5	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	8.0
W	1.1	3.1	4.4	1.6	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	8.1
WNW	.3	1.7	2.5	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.6
NW	.5	2.0	1.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.1
NNW	.8	3.2	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	.0
ALL	11.1	30.1	32.6	13.2	1.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.7

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0700 LST

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

DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	1.5	3.3	4.0	1.2	.1	.0	.0	.0	.0	.0	.0	10.1	7.0	
NNE	1.3	4.1	4.3	3.2	.0	.0	.0	.0	.0	.0	.0	12.9	7.8	
NE	1.6	2.1	3.3	.7	.0	.0	.0	.0	.0	.0	.0	7.7	6.6	
ENE	.5	1.2	.6	.1	.1	.0	.0	.0	.0	.0	.0	2.5	6.0	
E	.6	.8	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.9	5.1	
ESE	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.0	
SE	.3	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.3	
SSE	.5	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.3	
S	1.2	2.4	.9	.5	.2	.0	.0	.0	.0	.0	.0	5.1	6.3	
SSW	.5	1.9	1.8	1.3	.1	.0	.0	.0	.0	.0	.0	5.5	8.0	
SW	.4	1.9	3.8	1.8	.2	.0	.0	.1	.0	.0	.0	8.2	8.8	
WSW	.8	1.5	2.1	1.2	.2	.1	.0	.0	.0	.0	.0	7.0	8.3	
W	.6	2.5	4.6	1.6	.2	.0	.0	.0	.0	.0	.0	9.5	8.0	
WNW	.7	1.8	2.8	1.0	.3	.0	.0	.0	.0	.0	.0	6.7	7.9	
NW	.5	2.1	1.8	.3	.0	.0	.0	.0	.0	.0	.0	4.6	6.8	
NNW	.8	2.5	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	6.5	7.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	.0	
ALL	12.2	29.5	37.7	14.5	1.5	.1	.0	.1	.0	.0	.0	100.0	6.8	

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1000 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.6	.6	.6	2.7	4.0	4.0	2.8	.6	.0	.0	.0	.0	.0	.0	.0	10.7	9.0
NNE	.6	.6	.6	1.6	4.0	4.0	3.1	.6	.0	.0	.0	.0	.0	.0	.0	10.4	9.1
NE	.5	.5	.5	2.1	3.8	3.8	2.3	.6	.0	.0	.0	.0	.0	.0	.0	8.9	8.6
ENE	.5	.5	.5	1.6	3.1	3.1	1.2	.6	.0	.0	.0	.0	.0	.0	.0	6.5	8.0
E	.7	.7	.7	1.1	1.0	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.6
ESE	.2	.2	.2	.9	1.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.1
SE	.4	.4	.4	.4	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.1
SSE	.6	.6	.6	.8	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.9
S	.7	.7	.7	1.1	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.5
SSW	.2	.2	.2	.9	2.2	2.2	1.6	.6	.0	.0	.0	.0	.0	.0	.0	5.6	10.0
SW	.2	.2	.2	.9	2.6	2.6	2.1	.6	.0	.0	.0	.0	.0	.0	.0	6.5	10.7
WSW	.2	.2	.2	1.5	3.3	3.3	2.5	.6	.0	.0	.0	.0	.0	.0	.0	8.1	9.8
W	.4	.4	.4	1.6	3.1	3.1	3.6	.6	.0	.0	.0	.0	.0	.0	.0	10.2	10.9
WNW	.5	.5	.5	1.8	2.7	2.7	2.2	.6	.0	.0	.0	.0	.0	.0	.0	8.1	10.1
NW	.5	.5	.5	1.3	2.0	2.0	2.4	.6	.0	.0	.0	.0	.0	.0	.0	6.5	9.9
NNW	.3	.3	.3	1.0	1.7	1.7	1.3	.6	.0	.0	.0	.0	.0	.0	.0	4.5	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0
ALL	6.9	6.9	6.9	21.4	37.3	37.3	26.3	5.5	.6	.8	.0	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1300 LST

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

16 PT. DIR.	1	- 3	4 - 6	7-10	11-16	17-21	SPEED (KNOTS)					41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
							22-27	28-33	34-40							
N	.4		1.6	3.8	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	8.2	9.1
NNE	.3		1.7	3.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	8.4
NE	.4		1.8	2.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.9
ENE	.2		.9	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.8
E	.3		1.2	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.6
ESE	.2		1.2	1.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.7
SE	.0		.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.9
SSE	.2		.8	1.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.4
S	.4		1.2	1.1	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.5	9.6
SSW	.2		.5	2.0	2.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	6.4	12.1
SW	.2		1.5	2.1	3.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	7.9	10.8
WSW	.2		1.1	4.1	4.2	1.2	.3	.1	.0	.0	.0	.0	.0	.0	11.1	11.5
W	.3		1.1	2.8	5.2	1.2	.1	.0	.1	.0	.0	.0	.0	.0	10.7	11.9
WNW	.2		.6	2.5	2.9	1.0	.5	.0	.0	.0	.0	.0	.0	.0	7.9	11.0
NW	.1		1.2	2.2	2.8	.4	.3	.0	.0	.0	.0	.0	.0	.0	6.8	11.4
NNW	.4		1.3	3.1	2.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.9	9.7
VAR	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
ALL	3.9	18.6		36.3	32.0	6.9	1.5	.1	.1	.0	.0	.0	.0	.0	100.0	10.1

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1600 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
N	.5	1.9	4.5	2.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	8.8
NNE	.2	1.4	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	8.2
NE	.2	1.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.4
ENE	.2	.5	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.3
E	.3	.9	3.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.2
ESE	.2	.3	3.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.4
SE	.2	.5	2.6	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.8
SSE	.3	.9	2.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.9
S	.3	.5	1.8	3.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	11.3
SSW	.1	.8	4.0	3.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	10.8
SW	.2	1.2	2.1	2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	9.4
WSW	.2	.5	2.5	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	11.5
W	.0	1.1	3.4	4.8	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	12.2
WNW	.2	.8	2.3	4.1	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	12.2
NW	.3	.7	3.5	2.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	9.9
NNW	.2	.8	2.6	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
ALL	3.6	14.8	43.4	30.8	5.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.9

TOTAL NO. OF OBS : 1302

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1900 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	SPEED (KNOTS)							TOTAL %	MEAN WIND SPEED
										22-27	28-33	34-40	41-47	48-55	>=56			
N	.7	3.5	3.1	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	8.5	7.3			
NNE	.2	2.2	2.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.0			
NE	.5	1.9	2.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.2			
ENE	.5	1.8	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.5			
E	1.0	2.2	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.1			
ESE	1.0	2.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.3			
SE	.4	1.7	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.8			
SSE	.6	2.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.6			
S	.8	3.5	3.8	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	9.2	7.4			
SSW	.5	2.6	5.5	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	10.4	8.1			
SW	.5	2.2	2.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	7.2			
WSW	.4	2.0	2.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.9			
W	.5	1.6	3.0	2.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	8.2	9.6			
WNW	.3	1.7	2.6	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.7			
NW	.5	1.6	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.5			
NNW	.5	2.2	2.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.9			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	.0			
ALL	8.9	36.1	37.3	11.1	2.2	.1	.0	.0	.0	.0	.0	.0	.0	100.0	7.1			

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	1.5	2.1	2.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	6.6
NNE	.8	3.2	4.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	6.9
NE	1.2	3.1	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.4
ENE	.3	1.7	1.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.0
E	.4	1.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
ESE	.8	1.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.2
SE	.6	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.2
SSE	.8	.8	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.5
S	1.5	3.2	1.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	6.5
SSW	.7	3.7	2.8	1.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	8.0
SW	.4	3.4	3.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	7.1
WSW	.4	2.2	3.1	.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.0
W	.9	1.8	2.9	2.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	9.2
WNW	.3	1.0	1.7	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	10.0
NW	1.2	1.4	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	7.0
NNW	.5	1.7	1.4	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	7.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	.0
ALL	12.2	33.9	31.3	11.6	1.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : ALL

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.0						3.6	1.6	.2	.0	.0	.0	.0	.0	.0	9.3	7.7
NNE	.8						3.7	1.6	.1	.0	.0	.0	.0	.0	.0	8.6	7.8
NE	.9						2.5	1.0	.1	.0	.0	.0	.0	.0	.0	6.6	7.3
ENE	.4						1.4	.4	.0*	.0	.0	.0	.0	.0	.0	3.5	7.2
E	.5						1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.5
ESE	.5						1.0	.1	.0*	.0	.0	.0	.0	.0	.0	2.7	6.4
SE	.3						.7	.2	.0*	.0	.0	.0	.0	.0	.0	2.0	6.7
SSE	.5						.6	.2	.0*	.0	.0	.0	.0	.0	.0	2.5	6.5
S	.9						1.5	1.0	.3	.0*	.0	.0	.0	.0	.0	5.7	7.8
SSW	.4						3.0	1.6	.4	.1	.0	.0	.0	.0	.0	7.5	9.1
SW	.4						3.0	1.6	.3	.1	.0	.0*	.0	.0	.0	7.3	8.8
WSW	.4						3.3	1.7	.4	.1	.0*	.0	.0	.0	.0	7.6	9.3
W	.5						3.5	2.9	.7	.2	.0	.0*	.0	.0	.0	9.7	9.9
WNW	.4						2.5	2.1	.6	.1	.0	.0	.0	.0	.0	6.9	10.1
NW	.6						2.0	1.3	.1	.1	.0	.0	.0	.0	.0	5.4	8.6
NNW	.5						2.0	1.3	.1	.0*	.0	.0	.0	.0	.0	6.1	8.0
VAR	.0						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0						.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	8.8	26.8	35.5	19.1	3.3	.6										100.0	7.8

TOTAL NO. OF OBS : 10412

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 S4N LONG. : 80 D2W ELEV. : 46 FT
MONTH : JAN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	37.7	49.4	51.1	52.7	53.7	53.7	54.2	54.3	54.3	54.3	54.3	54.7	54.9	54.9	54.9	55.3	55.3	55.6	56.5
>=20000	39.5	51.9	53.7	55.3	56.3	56.3	56.9	57.0	57.0	57.0	57.0	57.3	57.6	57.6	57.6	58.0	58.0	58.3	59.2
>=18000	39.7	52.1	54.0	55.5	56.6	56.6	57.1	57.3	57.3	57.3	57.3	57.6	57.8	57.8	57.8	58.2	58.2	58.5	59.4
>=16000	39.8	52.3	54.1	55.6	56.7	56.7	57.3	57.4	57.4	57.4	57.4	57.7	58.0	58.0	58.0	58.3	58.3	58.6	59.6
>=14000	41.1	53.8	55.9	57.6	58.6	58.6	59.2	59.3	59.3	59.3	59.3	59.6	59.9	59.9	59.9	60.3	60.3	60.6	61.5
>=12000	42.3	55.6	57.7	59.4	60.5	60.5	61.0	61.2	61.2	61.2	61.2	61.5	61.7	61.7	61.7	62.1	62.1	62.5	63.4
>=10000	42.7	56.4	58.6	60.3	61.4	61.4	62.0	62.1	62.1	62.1	62.1	62.4	62.6	62.6	62.6	63.1	63.1	63.4	64.3
>=9000	43.3	57.5	59.7	61.6	62.6	62.6	63.3	63.4	63.4	63.4	63.4	63.7	64.0	64.0	64.0	64.4	64.4	64.7	65.6
>=8000	44.0	58.7	61.0	63.0	64.0	64.0	64.6	64.8	64.8	64.8	64.8	65.1	65.3	65.3	65.3	65.8	65.8	66.1	67.0
>=7000	44.9	60.7	63.1	65.0	66.3	66.3	66.9	67.0	67.0	67.0	67.0	67.3	67.6	67.6	67.6	68.1	68.1	68.4	69.3
>=6000	45.7	62.4	64.9	66.8	68.1	68.1	68.7	68.9	68.9	68.9	68.9	69.2	69.4	69.4	69.4	70.0	70.0	70.3	71.3
>=5000	46.6	64.1	66.6	68.6	69.9	69.9	70.6	70.8	70.8	70.8	70.8	71.2	71.4	71.4	71.4	72.0	72.0	72.3	73.3
>=4500	47.4	65.6	68.2	70.3	71.6	71.6	72.3	72.5	72.5	72.5	72.5	72.9	73.1	73.1	73.1	73.7	73.7	74.0	74.9
>=4000	48.0	66.6	69.3	71.5	72.8	72.8	73.6	73.7	73.7	73.7	73.7	74.1	74.3	74.3	74.3	74.9	74.9	75.2	76.2
>=3500	48.5	67.4	70.4	72.6	73.9	73.9	74.7	74.9	74.9	74.9	74.9	75.2	75.5	75.5	75.5	76.1	76.1	76.4	77.3
>=3000	49.1	68.4	71.6	73.7	75.2	75.2	75.9	76.1	76.1	76.1	76.1	76.5	76.7	76.7	76.7	77.3	77.3	77.6	78.6
>=2500	49.6	69.4	72.7	74.9	76.6	76.6	77.4	77.6	77.6	77.6	77.6	77.9	78.2	78.2	78.2	78.8	78.8	79.1	80.0
>=2000	50.1	70.9	74.3	76.6	78.2	78.2	79.1	79.4	79.4	79.4	79.4	79.6	80.0	80.0	80.0	80.6	80.6	80.9	81.9
>=1800	50.3	71.3	74.8	77.0	78.7	78.7	79.6	79.9	79.9	79.9	79.9	80.3	80.6	80.6	80.6	81.2	81.2	81.5	82.4
>=1500	50.8	72.5	76.0	78.3	80.0	80.0	80.9	81.3	81.3	81.3	81.3	81.7	81.9	81.9	81.9	82.6	82.6	82.9	83.8
>=1200	51.2	73.5	77.1	79.4	81.1	81.1	82.0	82.5	82.5	82.5	82.5	82.9	83.1	83.1	83.1	83.8	83.8	84.1	85.0
>=1000	51.3	74.4	78.2	80.5	82.3	82.3	83.2	83.8	83.8	83.8	83.8	84.2	84.4	84.4	84.4	85.1	85.1	85.4	86.3
>=900	51.6	74.9	78.6	81.0	82.9	82.9	83.9	84.4	84.4	84.4	84.4	84.8	85.0	85.0	85.0	85.7	85.7	86.0	86.9
>=800	51.7	75.2	79.0	81.6	83.6	83.6	84.7	85.2	85.2	85.2	85.2	85.5	85.8	85.8	85.8	86.5	86.5	86.8	87.7
>=700	51.7	75.5	79.5	82.1	84.2	84.2	85.4	85.9	85.9	85.9	85.9	86.3	86.6	86.6	86.6	87.4	87.4	87.7	88.6
>=600	51.7	76.0	80.2	82.9	85.1	85.1	86.5	87.0	87.0	87.0	87.0	87.4	87.7	87.7	87.7	88.5	88.5	88.8	89.7
>=500	51.7	76.6	80.6	83.5	85.7	85.7	87.2	87.9	87.9	87.9	87.9	88.2	88.5	88.5	88.5	89.3	89.3	89.6	90.5
>=400	51.7	77.0	81.0	84.3	87.0	87.0	88.9	89.7	89.7	89.7	89.7	90.1	90.5	90.5	90.5	91.3	91.3	91.7	92.6
>=300	51.7	77.0	81.7	85.1	88.2	88.2	90.8	91.9	91.9	91.9	91.9	92.6	93.1	93.1	93.1	94.1	94.1	94.6	95.6
>=200	51.7	77.0	81.7	85.2	88.3	88.3	91.0	92.5	92.5	92.5	92.5	93.6	94.3	94.3	94.3	95.5	95.5	96.2	97.4
>=100	51.7	77.0	81.7	85.2	88.3	88.3	91.1	92.5	92.5	92.5	92.5	94.0	94.8	94.8	94.8	96.1	96.1	97.5	99.1
>=0	51.7	77.0	81.7	85.2	88.3	88.3	91.1	92.5	92.5	92.5	92.5	94.0	94.8	94.8	94.8	96.1	96.1	97.7	100.0

TOTAL NO. OF OPS : 1301

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=1 1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	34.4	47.3	49.5	51.3	52.2	52.3	52.5	52.6	53.0	53.1	53.1	53.1	53.7	53.9	54.2	54.6
>=20000	36.3	50.2	52.3	54.2	55.0	55.2	55.3	55.4	55.8	56.0	56.0	56.0	56.6	56.7	57.0	57.4
>=18000	36.4	50.3	52.5	54.3	55.2	55.3	55.5	55.6	56.0	56.1	56.1	56.1	56.7	56.9	57.2	57.6
>=16000	36.7	50.7	52.8	54.7	55.5	55.6	55.8	55.9	56.3	56.4	56.4	56.4	57.0	57.2	57.5	57.9
>=14000	37.0	51.4	53.6	55.4	56.3	56.4	56.6	56.6	57.0	57.2	57.2	57.2	57.8	58.0	58.3	58.6
>=12000	37.9	52.9	55.2	57.1	58.0	58.2	58.3	58.4	58.8	59.0	59.0	59.0	59.6	59.7	60.0	60.5
>=10000	38.4	54.0	56.3	58.2	59.1	59.4	59.5	59.5	59.9	60.0	60.0	60.0	60.6	60.8	61.1	61.6
>= 9000	38.7	54.5	56.8	58.7	59.6	59.8	60.0	60.0	60.4	60.6	60.6	60.6	61.2	61.3	61.6	62.1
>= 8000	39.4	56.0	58.3	60.4	61.3	61.5	61.7	61.8	62.2	62.3	62.3	62.3	63.0	63.1	63.4	63.9
>= 7000	40.4	57.6	60.0	62.3	63.2	63.3	63.4	63.7	64.1	64.2	64.3	64.3	65.0	65.1	65.4	65.9
>= 6000	41.3	59.0	61.6	64.0	65.0	65.1	65.4	65.5	65.9	66.0	66.0	66.0	66.7	66.9	67.2	67.7
>= 5000	42.3	61.0	63.9	66.5	67.6	67.7	68.0	68.1	68.5	68.6	68.6	68.6	69.3	69.5	69.8	70.3
>= 4500	42.7	61.8	64.9	67.6	68.6	68.8	69.1	69.2	69.6	69.7	69.7	69.7	70.4	70.6	70.9	71.4
>= 4000	43.2	62.9	65.9	68.6	69.7	69.9	70.2	70.3	70.6	70.8	70.8	70.8	71.5	71.6	71.9	72.5
>= 3500	43.8	64.0	67.2	69.9	71.0	71.2	71.5	71.6	71.9	72.1	72.1	72.1	72.8	72.9	73.3	73.8
>= 3000	44.7	65.7	69.1	71.9	72.9	73.1	73.4	73.5	73.9	74.0	74.0	74.0	74.7	74.9	75.2	75.7
>= 2500	45.5	67.4	70.8	73.6	74.6	74.8	75.1	75.2	75.6	75.8	75.8	75.8	76.5	76.6	76.9	77.5
>= 2000	45.9	68.5	72.0	74.9	75.9	76.1	76.4	76.6	76.9	77.1	77.1	77.1	77.8	77.9	78.2	78.8
>= 1800	46.2	69.0	72.6	75.4	76.5	76.6	76.9	77.1	77.6	77.7	77.7	77.7	78.4	78.6	78.9	79.4
>= 1500	46.7	69.9	73.6	76.4	77.5	77.6	77.9	78.2	78.6	78.8	78.8	78.8	79.5	79.6	79.9	80.5
>= 1200	47.0	70.9	74.6	77.5	78.6	78.8	79.1	79.5	79.9	80.1	80.1	80.1	80.8	80.9	81.2	81.8
>= 1000	47.3	71.9	75.7	78.8	80.1	80.2	80.7	81.1	81.6	81.7	81.7	81.7	82.4	82.6	82.9	83.4
>= 900	47.5	72.4	76.2	79.3	80.7	80.9	81.3	81.7	82.2	82.3	82.3	82.3	83.0	83.2	83.6	84.1
>= 800	47.6	73.1	76.9	80.2	81.6	81.8	82.2	82.6	83.1	83.2	83.2	83.2	83.9	84.1	84.5	85.0
>= 700	47.7	73.6	77.5	80.7	82.2	82.3	82.9	83.2	83.7	83.9	83.9	83.9	84.6	84.7	85.1	85.6
>= 600	47.8	74.0	78.3	81.9	83.7	83.9	84.5	84.9	85.3	85.5	85.5	85.5	86.2	86.3	86.7	87.3
>= 500	47.8	74.3	78.9	82.6	84.6	84.9	85.7	86.1	86.6	86.8	86.8	86.8	87.5	87.6	88.0	88.6
>= 400	47.9	74.8	79.6	83.6	86.0	86.4	87.5	88.1	88.7	88.9	88.9	88.9	89.6	89.8	90.2	90.8
>= 300	47.9	74.9	79.9	84.1	86.8	87.2	89.2	90.4	91.3	91.5	91.5	91.5	92.2	92.4	92.9	93.5
>= 200	47.9	74.9	79.9	84.2	86.9	87.5	90.0	91.5	93.0	93.4	93.4	93.4	94.5	94.8	95.6	96.7
>= 100	47.9	74.9	79.9	84.2	86.9	87.5	90.1	91.8	93.4	94.0	94.0	94.0	95.3	95.8	97.1	98.5
>= 0	47.9	74.9	79.9	84.2	86.9	87.5	90.1	91.8	93.4	94.0	94.0	94.0	95.5	95.9	97.5	100.0

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

Q1380J : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : JAN
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	31.6	41.7	44.0	45.9	47.2	47.3	47.5	47.6	47.8	47.9	47.9	48.2	48.3	48.7	49.2
>=20000	33.3	44.5	46.9	48.9	50.2	50.3	50.5	50.7	50.8	51.0	51.0	51.4	51.5	51.9	52.5
>=18000	33.8	45.2	47.7	49.7	50.9	51.1	51.3	51.5	51.6	51.8	51.8	52.2	52.2	52.7	53.3
>=16000	34.1	45.5	48.0	50.0	51.2	51.4	51.6	51.8	51.9	52.1	52.1	52.5	52.5	53.0	53.6
>=14000	35.4	47.1	49.7	51.8	53.0	53.1	53.4	53.5	53.7	53.8	53.8	54.2	54.3	54.8	55.4
>=12000	36.3	48.5	51.2	53.4	54.7	54.8	55.1	55.3	55.5	55.6	55.6	56.0	56.1	56.5	57.1
>=10000	37.1	50.1	52.9	55.1	56.5	56.6	56.9	57.1	57.2	57.4	57.4	57.8	57.8	58.3	59.0
>= 9000	37.6	51.0	54.0	56.2	57.5	57.7	58.0	58.1	58.3	58.4	58.4	58.8	58.9	59.4	60.1
>= 8000	38.0	51.8	54.8	57.2	58.6	58.8	59.1	59.2	59.4	59.5	59.5	60.0	60.1	60.5	61.2
>= 7000	39.2	53.8	57.1	59.5	61.0	61.1	61.4	61.6	61.8	61.9	61.9	62.4	62.4	62.9	63.6
>= 6000	39.9	55.2	58.5	61.2	62.8	63.0	63.4	63.6	63.7	63.9	63.9	64.4	64.5	65.0	65.7
>= 5000	40.9	57.2	60.6	63.3	65.1	65.3	65.7	65.9	66.1	66.3	66.3	66.8	66.9	67.4	68.2
>= 4500	41.6	58.6	62.1	64.8	66.7	66.9	67.4	67.5	67.6	68.0	68.0	68.5	68.6	69.1	69.9
>= 4000	42.2	59.8	63.6	66.4	68.4	68.6	69.0	69.2	69.5	69.7	69.7	70.2	70.3	70.8	71.6
>= 3500	42.6	60.6	64.6	67.4	69.4	69.7	70.1	70.3	70.6	70.7	70.7	71.3	71.4	71.9	72.7
>= 3000	43.0	61.4	65.5	68.4	70.4	70.7	71.2	71.4	71.7	71.9	71.9	72.4	72.5	73.0	73.8
>= 2500	43.7	63.3	67.6	70.5	72.6	72.8	73.4	73.6	73.9	74.0	74.0	74.6	74.7	75.2	76.0
>= 2000	44.6	64.6	69.0	72.0	74.2	74.4	75.0	75.2	75.5	75.7	75.7	76.3	76.3	76.9	77.6
>= 1800	44.6	64.7	69.3	72.3	74.4	74.7	75.2	75.5	75.8	76.0	76.0	76.6	76.7	77.2	78.0
>= 1500	45.0	66.1	70.7	73.7	75.9	76.1	76.7	77.0	77.3	77.5	77.5	78.2	78.3	78.8	79.6
>= 1200	45.5	67.0	71.6	74.7	76.8	77.0	77.6	77.9	78.4	78.6	78.6	79.3	79.4	80.0	80.7
>= 1000	45.9	68.0	72.7	76.0	78.1	78.3	79.0	79.3	79.7	80.0	80.0	80.6	80.7	81.3	82.0
>= 900	46.0	68.7	73.7	76.9	79.1	79.3	80.0	80.4	80.8	81.0	81.0	81.8	81.9	82.4	83.2
>= 800	46.2	69.4	74.5	77.8	80.0	80.3	80.9	81.4	81.8	82.0	82.0	82.8	82.9	83.4	84.2
>= 700	46.2	69.9	75.3	78.6	80.9	81.1	81.7	82.3	82.7	82.9	82.9	83.7	83.8	84.3	85.1
>= 600	46.3	70.4	76.1	79.7	82.3	82.6	83.3	83.8	84.6	84.8	84.8	85.6	85.6	86.2	86.9
>= 500	46.3	71.0	77.0	81.0	83.9	84.3	85.2	85.6	86.5	86.7	86.7	87.5	87.6	88.1	88.9
>= 400	46.3	71.2	77.3	81.6	85.3	85.9	87.0	87.9	88.7	88.9	88.9	89.8	89.9	90.4	91.2
>= 300	46.4	71.3	77.6	82.2	86.2	86.9	88.6	89.9	91.0	91.3	91.3	92.3	92.4	92.9	93.7
>= 200	46.4	71.4	77.6	82.3	86.6	87.3	89.3	90.9	92.9	93.3	93.3	94.7	95.0	95.6	96.5
>= 100	46.4	71.4	77.6	82.3	86.6	87.3	89.3	91.2	93.0	93.8	93.8	95.3	95.9	97.6	98.9
>= 0	46.4	71.4	77.6	82.3	86.6	87.3	89.3	91.2	93.0	93.8	93.8	95.4	95.9	97.8	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.6	45.5	47.2	48.2	48.7	48.8	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.8	49.8	49.8	49.8
>=20000	39.3	50.4	52.2	53.2	53.8	53.9	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8
>=18000	39.6	50.7	52.6	53.6	54.1	54.3	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2
>=16000	39.9	51.2	53.1	54.1	54.8	54.9	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
>=14000	41.2	52.7	54.7	55.8	56.5	56.6	57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5
>=12000	42.4	54.3	56.4	57.5	58.2	58.4	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4
>=10000	43.2	55.5	57.7	58.8	59.6	59.8	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.8	60.8	60.8	60.8
>= 9000	43.7	56.4	58.6	59.9	60.7	61.0	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	62.0	62.0	62.1	62.1
>= 8000	44.3	57.4	59.8	61.1	61.9	62.2	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.3	63.3
>= 7000	45.3	59.1	61.6	62.9	63.8	64.2	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.4	65.4	65.4	65.4
>= 6000	45.9	60.7	63.2	64.5	65.6	66.0	66.8	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.3	67.3
>= 5000	47.0	62.3	65.0	66.4	67.7	68.0	69.0	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.4	69.4	69.5	69.5
>= 4500	47.0	62.7	65.4	67.1	68.3	68.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.3	70.3
>= 4000	47.4	63.3	66.1	67.7	69.0	69.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	71.0	71.0	71.0	71.0
>= 3500	47.6	63.8	66.9	68.5	69.7	70.2	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8	71.8	71.9	71.9
>= 3000	48.2	65.4	68.4	70.1	71.6	72.0	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7
>= 2500	48.8	66.6	69.7	71.4	72.9	73.3	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.1	75.1
>= 2000	49.5	67.8	70.9	72.6	74.3	74.8	76.0	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.7	76.7
>= 1800	50.0	68.4	71.4	73.1	74.9	75.4	76.7	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.3	77.3	77.3	77.3
>= 1500	50.5	69.6	72.7	74.4	76.3	76.9	78.1	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.9	78.9
>= 1200	51.5	71.2	74.3	76.1	78.2	78.7	80.0	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.7	80.7
>= 1000	52.1	72.7	76.0	78.0	80.0	80.6	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7
>= 900	52.7	73.5	76.9	79.0	81.2	81.7	83.2	83.7	83.7	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.1
>= 800	52.9	74.2	77.6	79.7	82.0	82.6	84.1	84.8	84.8	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.2
>= 700	53.1	75.0	78.5	81.0	83.3	83.9	85.6	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.7	86.7
>= 600	53.3	75.9	79.5	82.0	84.6	85.3	87.3	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.6	88.6	88.6	88.6
>= 500	53.4	76.5	80.6	83.6	86.4	87.4	90.1	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.9	91.9
>= 400	53.4	76.6	81.0	84.2	87.3	88.6	91.9	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.5	94.5	94.7	94.7
>= 300	53.4	76.6	81.0	84.3	87.8	89.2	92.8	95.0	95.2	96.2	96.2	96.2	96.2	96.2	96.5	96.5	97.2	97.2
>= 200	53.4	76.6	81.0	84.4	87.9	89.5	93.4	95.8	95.9	97.4	97.4	97.4	97.4	97.4	98.0	98.0	99.4	99.4
>= 100	53.4	76.6	81.0	84.4	87.9	89.5	93.4	95.8	95.9	97.5	97.5	97.5	97.5	97.5	98.2	98.2	99.7	99.7
>= 0	53.4	76.6	81.0	84.4	87.9	89.5	93.4	95.8	95.9	97.5	97.5	97.5	97.5	97.5	98.2	98.2	99.7	99.7

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>6	>5	>4	>3	>=2 1/2	>2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	42.7	50.3	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
>=20000	47.7	56.1	56.8	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=18000	47.7	56.2	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=16000	48.0	56.8	57.5	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>=14000	49.2	58.3	59.0	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>=12000	50.3	59.6	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=10000	51.3	61.2	61.9	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=9000	51.8	62.0	62.6	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=8000	52.6	63.1	63.9	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>=7000	53.6	64.9	65.7	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=6000	54.4	66.2	67.1	67.6	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>=5000	55.7	68.0	69.0	69.5	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=4500	55.9	68.6	69.6	70.2	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>=4000	57.1	70.1	71.2	71.7	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=3500	58.6	72.4	73.6	74.2	74.8	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>=3000	59.5	73.8	74.9	75.7	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=2500	60.5	75.2	76.5	77.2	78.0	78.2	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=2000	62.3	77.5	78.8	79.6	80.5	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=1800	62.7	78.2	79.5	80.4	81.2	81.5	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=1500	64.0	80.2	81.6	82.6	83.4	83.6	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=1200	64.6	81.9	83.4	84.5	85.3	85.6	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>=1000	65.0	83.0	84.6	85.9	86.9	87.2	87.5	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=900	65.0	83.3	85.0	86.6	87.8	88.1	88.4	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>=800	65.0	84.2	86.1	87.8	88.9	89.4	89.6	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>=700	65.2	84.7	86.7	88.7	89.9	90.3	90.9	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>=600	65.3	85.5	87.6	90.1	91.5	92.0	92.7	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
>=500	65.3	86.1	88.4	91.1	92.7	93.5	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>=400	65.3	86.2	88.7	91.5	93.5	94.5	95.9	96.9	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=300	65.3	86.2	88.7	91.6	93.7	94.7	96.5	97.8	97.9	98.5	98.7	98.7	98.8	98.8	98.8	98.8
>=200	65.3	86.2	88.7	91.6	93.7	94.7	96.5	98.1	98.2	99.2	99.5	99.5	99.8	99.9	99.9	99.9
>=100	65.3	86.2	88.7	91.6	93.7	94.7	96.5	98.1	98.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0
>= 0	65.3	86.2	88.7	91.6	93.7	94.7	96.5	98.1	98.2	99.2	99.5	99.5	99.8	100.0	100.0	100.0

TOTAL NO. OF OBS : 1301

013680 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	43.4	51.2	51.9	52.4	52.5	52.6	52.8	52.8	52.8	52.8
>=20000	47.7	56.7	57.5	57.9	58.1	58.3	58.3	58.3	58.3	58.3
>=18000	47.9	57.2	58.0	58.4	58.6	58.7	58.8	58.8	58.8	58.8
>=16000	48.4	57.7	58.4	58.9	59.1	59.3	59.3	59.3	59.3	59.3
>=14000	49.6	59.4	60.1	60.6	60.8	61.0	61.0	61.0	61.0	61.0
>=12000	51.4	61.4	62.2	62.7	62.9	63.1	63.3	63.3	63.3	63.3
>=10000	52.3	63.0	63.7	64.3	64.4	64.6	64.8	64.8	64.8	64.8
>= 9000	53.0	64.1	65.0	65.5	65.7	65.8	66.1	66.1	66.1	66.1
>= 8000	53.8	65.6	66.4	67.1	67.2	67.4	67.7	67.7	67.7	67.7
>= 7000	54.2	66.8	67.7	68.4	68.5	68.7	69.0	69.0	69.0	69.0
>= 6000	55.1	68.3	69.2	69.9	70.0	70.1	70.5	70.5	70.5	70.5
>= 5000	56.5	70.0	71.0	71.7	71.9	72.0	72.4	72.4	72.4	72.4
>= 4500	57.6	71.8	72.8	73.5	73.7	73.8	74.2	74.2	74.2	74.2
>= 4000	58.6	73.3	74.3	75.1	75.3	75.5	75.9	75.9	75.9	75.9
>= 3500	59.1	74.1	75.3	76.0	76.3	76.4	76.9	76.9	76.9	76.9
>= 3000	60.4	76.2	77.4	78.3	78.7	78.9	79.3	79.3	79.3	79.3
>= 2500	61.5	78.1	79.4	80.3	80.9	81.0	81.6	81.6	81.6	81.6
>= 2000	62.5	80.1	81.5	82.6	83.3	83.5	84.2	84.2	84.2	84.2
>= 1800	62.7	81.0	82.6	83.8	84.5	84.6	85.4	85.4	85.4	85.4
>= 1500	63.1	82.2	83.7	85.0	85.7	85.9	86.7	86.7	86.7	86.7
>= 1200	63.9	84.3	86.0	87.4	88.1	88.2	89.1	89.1	89.1	89.1
>= 1000	64.0	84.9	86.8	88.4	89.2	89.3	90.2	90.2	90.2	90.2
>= 900	64.1	85.5	87.4	89.0	89.9	90.1	91.1	91.1	91.1	91.1
>= 800	64.1	85.7	87.8	89.4	90.3	90.6	91.6	91.6	91.6	91.6
>= 700	64.1	86.3	88.3	90.0	91.1	91.3	92.5	92.5	92.5	92.5
>= 600	64.3	86.8	88.9	90.8	92.2	92.5	93.9	93.9	93.9	93.9
>= 500	64.3	87.1	89.6	91.7	93.7	94.4	95.3	95.3	95.3	95.3
>= 400	64.4	87.1	89.6	91.9	94.2	94.9	96.9	96.9	96.9	96.9
>= 300	64.4	87.2	89.7	91.9	94.3	95.2	97.1	97.1	97.1	97.1
>= 200	64.4	87.2	89.7	91.9	94.3	95.2	97.1	97.1	97.1	97.1
>= 100	64.4	87.2	89.7	91.9	94.3	95.2	97.1	97.1	97.1	97.1
>= 0	64.4	87.2	89.7	91.9	94.3	95.2	97.1	97.1	97.1	97.1

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JAN
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	43.1	53.4	54.2	55.0	55.5	55.6	55.7	55.7	55.9	55.9
>=20000	45.7	57.3	58.2	59.0	59.5	59.6	59.7	59.7	59.9	59.9
>=18000	46.2	57.8	58.7	59.5	60.0	60.1	60.2	60.3	60.4	60.4
>=16000	46.3	58.0	58.9	59.6	60.2	60.3	60.4	60.4	60.6	60.6
>=14000	47.8	59.6	60.7	61.5	62.0	62.1	62.2	62.3	62.4	62.4
>=12000	48.8	61.4	62.3	63.1	63.6	63.8	63.9	64.0	64.1	64.1
>=10000	49.7	62.9	63.8	64.6	65.1	65.2	65.3	65.4	65.6	65.6
>=9000	50.6	64.2	65.1	65.9	66.4	66.5	66.6	66.7	66.9	66.9
>=8000	51.3	65.6	66.6	67.3	67.9	68.1	68.3	68.4	68.5	68.5
>=7000	52.7	67.9	68.9	69.9	70.6	70.8	71.1	71.3	71.3	71.3
>=6000	53.3	69.2	70.3	71.3	72.0	72.2	72.5	72.6	72.7	72.7
>=5000	54.3	71.3	72.3	73.5	74.4	74.6	74.9	75.0	75.1	75.1
>=4500	55.1	72.6	73.7	74.9	75.9	76.1	76.5	76.6	76.7	76.7
>=4000	55.8	73.9	75.2	76.5	77.5	77.6	78.0	78.2	78.2	78.2
>=3500	56.3	75.1	76.3	77.8	78.8	78.9	79.3	79.5	79.6	79.6
>=3000	57.1	76.6	78.0	79.6	80.8	80.9	81.4	81.6	81.6	81.6
>=2500	58.3	78.3	79.7	81.5	82.7	82.9	83.4	83.6	83.6	83.6
>=2000	58.7	79.4	80.9	82.9	84.1	84.2	84.9	85.0	85.1	85.1
>=1800	58.8	79.9	81.8	83.8	85.0	85.2	85.8	85.9	86.0	86.0
>=1500	59.1	80.6	82.6	84.6	86.0	86.2	86.9	87.0	87.1	87.1
>=1200	59.3	81.6	83.6	85.7	87.2	87.4	88.1	88.2	88.3	88.3
>=1000	59.6	82.4	84.6	86.9	88.3	88.5	89.2	89.4	89.5	89.5
>=900	59.9	82.7	84.9	87.2	89.0	89.3	89.7	89.9	89.9	89.9
>=800	59.9	83.1	85.2	87.7	89.3	89.5	90.2	90.4	90.5	90.5
>=700	59.9	83.1	85.2	87.9	89.5	90.0	90.7	90.9	91.0	91.0
>=600	60.0	83.5	85.9	88.8	90.5	91.0	91.7	92.2	92.5	92.5
>=500	60.0	84.0	86.4	89.6	91.7	92.2	93.1	93.7	94.1	94.1
>=400	60.0	84.3	86.9	90.4	92.8	93.4	94.7	95.3	95.8	95.8
>=300	60.0	84.4	86.9	90.5	93.1	93.8	95.4	96.5	97.5	97.6
>=200	60.0	84.4	86.9	90.5	93.2	94.1	95.8	97.0	98.3	99.0
>=100	60.0	84.4	86.9	90.5	93.2	94.1	95.8	97.1	98.7	99.8
>= 0	60.0	84.4	86.9	90.5	93.2	94.1	95.8	97.1	98.7	100.0

TOTAL NO. OF CBS : 1301

COL380 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 60 02W ELEV. : 46 FT
MONTH : JAN
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)												
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8	>=5/16	>=1/4	>=0
UNLIMIT	40.2	51.8	53.9	55.0	55.8	55.9	56.5	56.6	56.6	56.8	56.8	56.8	56.8
>=20000	42.6	55.1	57.1	58.3	59.1	59.2	59.8	59.9	60.1	60.1	60.1	60.1	60.1
>=18000	42.8	55.3	57.3	58.5	59.3	59.4	60.0	60.1	60.3	60.4	60.4	60.4	60.4
>=16000	42.9	55.5	57.5	58.7	59.4	59.6	60.1	60.2	60.3	60.5	60.5	60.5	60.5
>=14000	44.2	56.9	58.9	60.1	60.9	61.1	61.6	61.7	61.8	61.9	62.0	62.0	62.0
>=12000	45.1	58.3	60.3	61.5	62.4	62.5	63.1	63.1	63.2	63.4	63.4	63.4	63.4
>=10000	45.9	59.8	61.9	63.0	63.9	64.0	64.5	64.6	64.7	64.8	64.9	64.9	64.9
>=9000	46.8	61.2	63.3	64.6	65.4	65.6	66.1	66.2	66.3	66.5	66.6	66.6	66.6
>=8000	47.3	62.6	64.7	66.1	67.0	67.1	67.7	67.7	67.8	68.0	68.1	68.1	68.1
>=7000	48.3	64.4	66.7	68.1	69.0	69.3	69.8	69.9	70.2	70.3	70.3	70.3	70.3
>=6000	49.3	65.9	68.3	70.0	70.9	71.2	71.7	71.8	72.1	72.2	72.3	72.3	72.3
>=5000	50.1	67.2	69.7	71.4	72.4	72.7	73.2	73.3	73.4	73.7	73.8	73.8	73.8
>=4500	51.0	68.9	71.5	73.2	74.1	74.4	75.0	75.2	75.3	75.5	75.6	75.7	75.7
>=4000	51.7	70.3	72.9	74.7	75.6	75.9	76.5	76.7	76.7	77.0	77.1	77.1	77.1
>=3500	52.5	71.6	74.3	76.3	77.2	77.5	78.3	78.4	78.5	78.7	78.8	78.9	78.9
>=3000	53.5	73.3	76.0	78.0	79.0	79.3	80.0	80.2	80.3	80.5	80.6	80.6	80.6
>=2500	54.1	74.4	77.2	79.2	80.4	80.4	81.2	81.3	81.4	81.6	81.7	81.8	81.8
>=2000	54.7	75.7	78.4	80.6	81.5	81.8	82.6	82.7	82.8	83.0	83.1	83.2	83.2
>=1800	54.9	76.0	79.0	81.1	82.0	82.3	83.3	83.4	83.5	83.7	83.8	83.9	83.9
>=1500	55.4	77.2	80.1	82.3	83.2	83.5	84.5	84.6	84.7	84.9	85.0	85.2	85.3
>=1200	55.8	78.1	81.0	83.3	84.3	84.6	85.6	85.7	85.8	86.0	86.1	86.3	86.3
>=1000	55.9	78.6	81.9	84.2	85.3	85.6	86.9	86.9	86.9	87.2	87.3	87.4	87.4
>=900	55.9	79.0	82.2	84.6	85.7	86.0	87.2	87.5	87.5	87.8	87.9	88.0	88.1
>=800	55.9	79.3	82.7	85.2	86.3	86.6	87.9	88.2	88.2	88.5	88.6	88.7	88.7
>=700	55.9	79.6	83.2	85.6	86.7	87.1	88.4	88.7	88.8	89.0	89.1	89.2	89.3
>=600	56.1	80.0	83.6	86.3	87.5	88.0	89.4	89.7	89.8	90.0	90.1	90.2	90.3
>=500	56.3	80.6	84.5	87.6	89.2	89.8	91.3	91.6	91.7	91.9	92.0	92.2	92.2
>=400	56.3	81.2	85.2	88.4	90.2	90.8	92.7	93.3	93.4	93.7	93.9	94.0	94.1
>=300	56.3	81.2	85.2	88.8	90.8	91.4	93.9	94.7	94.8	95.3	95.6	95.8	95.9
>=200	56.3	81.2	85.4	89.1	91.2	91.9	94.6	95.7	95.8	96.5	96.8	97.0	97.1
>=100	56.3	81.2	85.4	89.1	91.2	92.0	94.7	96.0	96.1	97.0	97.4	98.3	99.4
>=0	56.3	81.2	85.4	89.1	91.2	92.0	94.7	96.0	96.1	97.0	97.4	98.4	100.0

DATE	DESCRIPTION	TOTAL NO. OF OBS :	1302
1950	1950	1950	1950
1951	1951	1951	1951
1952	1952	1952	1952
1953	1953	1953	1953
1954	1954	1954	1954
1955	1955	1955	1955
1956	1956	1956	1956
1957	1957	1957	1957
1958	1958	1958	1958
1959	1959	1959	1959
1960	1960	1960	1960
1961	1961	1961	1961
1962	1962	1962	1962
1963	1963	1963	1963
1964	1964	1964	1964
1965	1965	1965	1965
1966	1966	1966	1966
1967	1967	1967	1967
1968	1968	1968	1968
1969	1969	1969	1969
1970	1970	1970	1970
1971	1971	1971	1971
1972	1972	1972	1972
1973	1973	1973	1973
1974	1974	1974	1974
1975	1975	1975	1975
1976	1976	1976	1976
1977	1977	1977	1977
1978	1978	1978	1978
1979	1979	1979	1979
1980	1980	1980	1980
1981	1981	1981	1981
1982	1982	1982	1982
1983	1983	1983	1983
1984	1984	1984	1984
1985	1985	1985	1985
1986	1986	1986	1986
1987	1987	1987	1987
1988	1988	1988	1988
1989	1989	1989	1989
1990	1990	1990	1990
1991	1991	1991	1991
1992	1992	1992	1992
1993	1993	1993	1993
1994	1994	1994	1994
1995	1995	1995	1995
1996	1996	1996	1996
1997	1997	1997	1997
1998	1998	1998	1998
1999	1999	1999	1999
2000	2000	2000	2000
2001	2001	2001	2001
2002	2002	2002	2002
2003	2003	2003	2003
2004	2004	2004	2004
2005	2005	2005	2005
2006	2006	2006	2006
2007	2007	2007	2007
2008	2008	2008	2008
2009	2009	2009	2009
2010	2010	2010	2010
2011	2011	2011	2011
2012	2012	2012	2012
2013	2013	2013	2013
2014	2014	2014	2014
2015	2015	2015	2015
2016	2016	2016	2016
2017	2017	2017	2017
2018	2018	2018	2018
2019	2019	2019	2019
2020	2020	2020	2020
2021	2021	2021	2021
2022	2022	2022	2022
2023	2023	2023	2023
2024	2024	2024	2024
2025	2025	2025	2025
2026	2026	2026	2026
2027	2027	2027	2027
2028	2028	2028	2028
2029	2029	2029	2029
2030	2030	2030	2030
2031	2031	2031	2031
2032	2032	2032	2032
2033	2033	2033	2033
2034	2034	2034	2034
2035	2035	2035	2035

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JAN
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	38.6	48.8	50.3	51.5	52.1	52.2	52.5	52.5	52.6	52.7	52.8	52.8	53.0	53.0	53.1	53.4
>=20000	41.5	52.8	54.3	55.5	56.1	56.2	56.5	56.6	56.6	56.8	56.8	56.8	57.0	57.1	57.2	57.4
>=18000	41.7	53.1	54.7	55.8	56.5	56.6	56.9	57.0	57.0	57.1	57.2	57.2	57.4	57.4	57.6	57.8
>=16000	42.0	53.4	55.0	56.2	56.8	57.0	57.2	57.3	57.3	57.5	57.6	57.6	57.8	57.8	57.9	58.2
>=14000	43.2	54.9	56.6	57.8	58.4	58.5	58.8	58.9	58.9	59.1	59.1	59.1	59.3	59.4	59.5	59.7
>=12000	44.3	56.5	58.2	59.4	60.1	60.3	60.6	60.7	60.7	60.8	60.9	60.9	61.1	61.1	61.3	61.5
>=10000	45.1	57.8	59.6	60.8	61.5	61.7	62.0	62.0	62.1	62.2	62.3	62.3	62.5	62.5	62.7	62.9
>= 9000	45.7	58.9	60.7	61.9	62.7	62.8	63.1	63.2	63.2	63.4	63.5	63.5	63.7	63.7	63.8	64.1
>= 8000	46.3	60.1	62.0	63.3	64.1	64.2	64.5	64.6	64.6	64.8	64.9	64.9	65.1	65.1	65.3	65.5
>= 7000	47.3	61.9	63.8	65.3	66.1	66.3	66.7	66.7	66.8	66.9	67.0	67.0	67.2	67.3	67.4	67.7
>= 6000	48.1	63.4	65.4	66.9	67.8	68.0	68.4	68.5	68.5	68.7	68.7	68.7	69.0	69.0	69.2	69.4
>= 5000	49.2	65.1	67.3	68.9	69.9	70.1	70.5	70.6	70.6	70.8	70.9	70.9	71.1	71.2	71.3	71.6
>= 4500	49.8	66.3	68.5	70.2	71.2	71.4	71.9	72.0	72.0	72.2	72.3	72.3	72.5	72.6	72.7	73.0
>= 4000	50.5	67.5	69.8	71.5	72.6	72.8	73.2	73.3	73.4	73.6	73.6	73.6	73.9	73.9	74.1	74.4
>= 3500	51.1	68.6	71.1	72.8	73.9	74.1	74.6	74.7	74.8	74.9	75.0	75.0	75.3	75.3	75.5	75.7
>= 3000	51.9	70.1	72.6	74.5	75.6	75.9	76.4	76.5	76.5	76.7	76.8	76.8	77.1	77.1	77.2	77.5
>= 2500	52.7	71.6	74.2	76.1	77.3	77.5	78.1	78.2	78.2	78.5	78.5	78.5	78.8	78.8	79.0	79.3
>= 2000	53.5	73.1	75.7	77.7	79.0	79.2	79.8	80.0	80.0	80.2	80.3	80.3	80.6	80.6	80.8	81.1
>= 1900	53.8	73.6	76.4	78.4	79.7	79.9	80.5	80.7	80.7	81.0	81.0	81.0	81.3	81.4	81.5	81.8
>= 1500	54.3	74.8	77.6	79.7	81.0	81.3	81.9	82.1	82.2	82.4	82.5	82.5	82.8	82.8	82.9	83.2
>= 1200	54.9	76.0	78.9	81.1	82.4	82.7	83.3	83.6	83.7	83.9	84.0	84.0	84.3	84.3	84.5	84.8
>= 1000	55.1	77.0	80.1	82.3	83.8	84.0	84.7	85.0	85.1	85.3	85.4	85.4	85.7	85.7	85.9	86.2
>= 900	55.3	77.5	80.6	83.0	84.5	84.8	85.5	85.9	86.2	86.3	86.3	86.3	86.6	86.6	86.8	87.1
>= 800	55.4	78.0	81.2	83.7	85.3	85.6	86.3	86.8	87.0	87.1	87.1	87.1	87.4	87.5	87.6	87.9
>= 700	55.5	78.4	81.8	84.3	86.0	86.3	87.2	87.6	87.6	87.9	88.0	88.0	88.3	88.4	88.5	88.8
>= 600	55.6	79.0	82.5	85.3	87.2	87.6	88.6	89.1	89.1	89.5	89.6	89.6	89.9	89.9	90.1	90.4
>= 500	55.6	79.5	83.2	86.3	88.4	88.9	90.2	90.9	90.9	91.3	91.4	91.4	91.7	91.7	91.9	92.2
>= 400	55.7	79.7	83.7	87.0	89.5	90.2	91.8	92.7	92.8	93.2	93.4	93.4	93.7	93.8	94.0	94.3
>= 300	55.7	79.8	83.8	87.3	90.1	90.9	93.0	94.3	94.3	95.1	95.4	95.4	95.8	95.9	96.1	96.4
>= 200	55.7	79.9	83.9	87.4	90.3	91.1	93.5	95.0	95.1	96.2	96.6	96.7	97.3	97.5	97.9	98.3
>= 100	55.7	79.9	83.9	87.4	90.3	91.1	93.5	95.1	95.2	96.5	97.0	97.0	97.9	98.1	98.8	99.5
>= 0	55.7	79.9	83.9	87.4	90.3	91.1	93.5	95.1	95.2	96.5	97.0	97.0	97.9	98.1	99.0	100.0

TOTAL NO. OF OBS : 10412

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	
N	.7	2.4	1.6	1.3	.1	.0	.0	.0	.0	.0	.0	7.6
NNE	.9	3.0	2.6	1.1	.1	.1	.0	.0	.0	.0	.0	7.4
NE	.8	3.0	2.9	.8	.1	.0	.0	.0	.0	.0	.0	7.0
ENE	.4	1.4	1.9	.5	.0	.0	.0	.0	.0	.0	.0	6.9
E	.3	1.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.7
ESE	.3	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.5
SE	.4	.8	.1	.3	.0	.0	.0	.0	.0	.0	.0	6.0
SSE	.8	.5	.5	.5	.3	.0	.0	.0	.0	.0	.0	7.9
S	1.1	1.9	2.3	.8	.4	.1	.0	.0	.0	.0	.0	8.0
SSW	.9	3.0	3.2	1.9	.6	.2	.0	.0	.0	.0	.0	8.7
SW	.3	2.4	3.7	1.6	.1	.0	.0	.0	.0	.0	.0	8.1
WSW	.7	1.9	1.8	.9	.3	.1	.0	.0	.0	.0	.0	7.8
W	.8	1.6	3.2	1.5	.5	.1	.0	.0	.0	.0	.0	9.1
WNW	.1	1.2	3.0	2.4	.7	.0	.0	.0	.0	.0	.0	10.5
NW	.6	.7	2.4	.8	.0	.1	.0	.0	.0	.0	.0	8.2
NNW	.7	2.3	1.3	.3	.0	.0	.0	.0	.0	.0	.0	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	9.9	28.1	31.9	14.8	3.1	.6	.0	.0	.0	.0	.0	7.0

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56							
N	1.3	3.5	3.5	1.1	.1	.0	.0	.0	.0	.0	.0	9.5	7.1					
NNE	1.1	3.3	4.3	1.5	.1	.0	.0	.0	.0	.0	.0	10.3	7.2					
NE	.4	1.9	3.5	1.5	.1	.0	.0	.0	.0	.0	.0	7.5	8.1					
ENE	.3	1.6	1.2	.5	.0	.0	.0	.0	.0	.0	.0	3.6	7.1					
E	.3	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.6					
ESE	.3	.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.1					
SE	.3	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	2.0	7.0					
SSE	.2	.6	.1	.2	.3	.0	.0	.0	.0	.0	.0	1.3	8.7					
S	.9	1.0	1.7	.7	.4	.1	.1	.0	.0	.0	.0	4.9	8.3					
SSW	.7	2.3	3.1	1.2	.5	.2	.0	.0	.0	.0	.0	7.9	8.6					
SW	.3	1.8	3.5	1.6	.2	.0	.0	.0	.0	.0	.0	7.3	8.6					
WSW	.5	1.9	3.0	1.2	.2	.0	.0	.0	.0	.0	.0	6.8	8.0					
W	.5	2.0	3.2	2.0	.4	.1	.0	.0	.0	.0	.0	8.3	8.9					
WNW	.2	1.3	3.0	1.2	.8	.0	.0	.0	.0	.0	.0	6.3	9.9					
NW	.4	1.3	1.4	1.3	.2	.0	.0	.0	.0	.0	.0	4.6	8.5					
NNW	1.1	2.9	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	6.7	6.8					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	.0					
ALL	8.8	27.5	34.5	15.3	3.4	.3	.1	.0	.0	.0	.0	100.0	7.2					

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0700 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL Σ	MEAN WIND SPEED
N	1.5	3.7	4.0	1.9	.3	.0	.0	.0	.0	.0	.0	11.5	7.5
NNE	.6	3.8	4.7	1.4	.1	.0	.0	.0	.0	.0	.0	10.6	7.5
NE	.8	3.0	3.1	1.4	.2	.0	.0	.0	.0	.0	.0	8.5	7.7
ENE	.3	1.4	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
E	.3	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.0	6.3
ESE	.2	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.0	6.9
SE	.3	.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.7	6.5
SSE	.4	.6	.3	.3	.3	.0	.0	.0	.0	.0	.0	1.9	8.4
S	.7	1.4	1.3	.4	.4	.1	.1	.0	.0	.0	.0	4.5	8.6
SSW	.5	1.8	2.1	1.2	.3	.3	.0	.0	.0	.0	.0	6.2	9.1
SW	.5	2.4	3.6	1.1	.1	.0	.0	.0	.0	.0	.0	7.8	7.9
WSW	.6	1.9	3.5	.6	.1	.0	.0	.0	.0	.0	.0	6.7	7.5
W	.6	2.4	3.8	2.3	.3	.0	.0	.0	.0	.0	.0	9.4	8.8
WNW	.7	1.6	2.5	1.3	.3	.1	.0	.0	.0	.0	.0	6.6	8.7
NW	.7	1.9	1.7	.4	.1	.0	.0	.0	.0	.0	.0	4.7	6.7
NNW	.7	2.2	1.9	.6	.0	.0	.0	.0	.0	.0	.0	5.4	6.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	9.4	30.2	35.2	14.0	2.4	.5	.1	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1000 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	
												%	MEAN WIND SPEED
N	.1	1.5	4.5	3.1	.3	.0	.0	.0	.0	.0	.0	9.4	9.8
NNE	.5	1.8	4.3	3.0	.3	.1	.0	.0	.0	.0	.0	10.0	9.4
NE	.0	2.1	5.3	3.7	.1	.0	.0	.0	.0	.0	.0	11.2	9.3
ENE	.3	1.7	2.3	1.5	.0	.0	.0	.0	.0	.0	.0	5.8	8.2
E	.2	1.3	2.3	.6	.0	.0	.0	.0	.0	.0	.0	4.4	7.6
ESE	.2	.8	.3	.3	.1	.0	.0	.0	.0	.0	.0	1.8	7.5
SE	.1	.6	.5	.8	.1	.0	.0	.0	.0	.0	.0	2.0	9.6
SSE	.3	.8	.4	.3	.2	.1	.0	.0	.0	.0	.0	2.0	8.2
S	.2	.8	1.2	1.0	.8	.0	.1	.0	.0	.0	.0	4.1	11.4
SSW	.3	.6	1.9	1.7	.8	.2	.1	.0	.0	.0	.0	5.5	11.5
SW	.3	1.6	3.7	2.2	.4	.1	.0	.0	.0	.0	.0	8.3	9.8
WSW	.3	1.2	2.6	2.6	.5	.4	.1	.0	.0	.0	.0	7.7	11.1
W	.2	.8	3.4	2.8	.9	.5	.0	.1	.0	.0	.0	8.7	11.8
WNW	.2	1.1	2.4	2.4	1.3	.3	.1	.0	.0	.0	.0	7.7	12.0
NW	.3	.8	1.1	1.3	.4	.0	.1	.0	.0	.0	.0	4.0	10.6
NNW	.0	1.3	2.4	2.2	.1	.0	.0	.0	.0	.0	.0	6.1	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
ALL	3.3	19.0	38.5	29.5	6.2	1.6	.4	.1	.0	.0	.0	100.0	9.9

TOTAL NO. OF OBS : 1186

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	.0	1.4	3.6	2.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	10.1
NNE	.2	1.3	3.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.9
NE	.1	.8	3.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	9.0
ENE	.4	1.2	2.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.3
E	.2	.7	1.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	9.1
ESE	.1	.8	1.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.2
SE	.1	.3	1.4	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	10.4
SSE	.2	.8	.8	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	9.4
S	.1	.5	2.0	1.9	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	12.5
SSW	.3	.6	1.5	3.9	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	13.3
SW	.2	1.1	2.5	2.2	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	11.4
WSW	.3	.7	2.6	4.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	12.4
W	.2	.8	3.7	4.7	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	12.4
WNW	.3	.9	2.1	3.1	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	13.0
NW	.3	.7	1.9	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	10.5
NNW	.2	1.1	2.0	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	3.0	13.7	35.5	34.8	9.2	2.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	100.0	10.9

TOTAL NO. OF OBS : 1186

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	
N	.3	1.3	3.5	1.7	.1	.0	.0	.0	.0	.0	.0	9.2
NNE	.1	1.2	2.2	1.4	.0	.0	.0	.0	.0	.0	.0	9.0
NE	.3	.9	1.8	.6	.0	.0	.0	.0	.0	.0	.0	8.4
ENE	.1	.7	2.1	.6	.0	.0	.0	.0	.0	.0	.0	8.7
E	.0	.4	2.8	1.4	.1	.0	.0	.0	.0	.0	.0	10.0
ESE	.1	.8	2.3	2.0	.0	.0	.0	.0	.0	.0	.0	9.9
SE	.0	.5	2.3	1.9	.1	.0	.0	.0	.0	.0	.0	10.3
SSE	.1	.3	3.0	2.1	.0	.0	.0	.0	.0	.0	.0	9.8
S	.1	.5	3.1	5.0	.6	.3	.0	.0	.0	.0	.0	12.0
SSW	.3	.8	2.1	5.7	.9	.3	.0	.0	.0	.0	.0	12.4
SW	.1	.5	1.6	2.4	.4	.0	.0	.0	.0	.0	.0	11.4
WSW	.2	.4	1.4	2.2	1.2	.3	.0	.0	.0	.0	.0	13.1
W	.3	.7	2.5	3.5	1.6	.8	.2	.0	.0	.0	.0	13.4
WNW	.0	.8	1.6	4.1	1.1	.6	.1	.0	.0	.0	.0	13.2
NW	.0	.9	2.2	3.1	.3	.3	.0	.0	.0	.0	.0	11.3
NNW	.0	.8	2.4	2.1	.4	.0	.0	.0	.0	.0	.0	10.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	1.7	11.5	37.1	39.7	6.8	2.5	.3	.0	.0	.0	.0	11.1

TOTAL NO. OF OBS : 1185

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	.4	3.1	2.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.2	
NNE	.4	1.6	2.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.8	
NE	.6	1.3	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.1	
ENE	.3	1.3	2.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.0	
E	.4	2.4	3.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.1	
ESE	.4	1.4	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6	
SE	.3	2.8	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	6.6	
SSE	1.0	4.5	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.0	
S	.8	4.0	5.8	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	7.8	
SSW	.3	2.2	6.9	2.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	8.5	
SW	.3	1.4	2.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.9	
WSW	.1	1.6	1.4	.7	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.9	
W	.4	1.3	3.8	1.9	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.6	10.5	
WNW	.2	.9	1.6	.8	.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.1	10.7	
NW	.2	1.1	1.4	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	8.4	
NNW	.3	1.5	1.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	.0	
ALL	6.2	32.6	42.8	13.3	1.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.8	

TOTAL NO. OF OBS : 1185

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 2200 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.5	2.7	1.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.9
NNE	.6	2.5	2.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	8.0
NE	1.0	3.3	2.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.3
ENE	.5	2.5	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.4
E	.6	1.4	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.2
ESE	.8	1.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8
SE	.7	1.7	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.2
SSE	1.2	1.2	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.5
S	1.1	4.3	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	6.7
SSW	.4	3.5	4.6	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	8.3
SW	.8	1.7	3.6	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	7.9
WSW	.7	1.5	3.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.9
W	.7	1.4	2.7	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	10.3
WNW	.1	.8	1.9	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	11.6
NW	.4	.7	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.9
NNW	.3	.8	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	.0
ALL	10.4	31.3	31.9	13.8	2.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1185

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : ALL

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.6	2.5	3.0	1.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	8.2
NNE	.5	2.3	3.3	1.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.1
NE	.5	2.0	3.1	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	7.9
ENE	.3	1.5	2.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	7.6
E	.3	1.2	1.6	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.5
ESE	.3	.8	1.0	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.8
SE	.3	1.0	.9	.6	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.0
SSE	.5	1.1	1.0	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.8
S	.6	1.8	2.4	1.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	7.1	9.2
SSW	.5	1.8	3.2	2.5	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	8.8	9.9
SW	.3	1.6	3.1	1.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	9.1
WSW	.4	1.4	2.4	1.7	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	6.6	9.8
W	.5	1.4	3.3	2.6	.9	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	8.9	10.8
WNW	.2	1.1	2.2	2.2	.8	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	6.8	11.3
NW	.4	1.0	1.7	1.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.5	9.2
NNW	.4	1.6	1.9	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	.0
ALL	6.6	24.2	35.9	21.9	4.4	1.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	100.0	8.5

TOTAL NO. OF OBS : 9485

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)										
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=1/4
UNLIMIT	36.9	54.5	56.1	57.2	58.7	58.8	59.1	59.4	59.4	59.7	59.9
>=20000	38.3	57.3	59.2	60.3	61.8	61.9	62.3	62.6	62.6	62.9	63.1
>=18000	38.4	57.6	59.5	60.6	62.1	62.2	62.6	62.9	62.9	63.2	63.4
>=16000	38.6	57.8	59.7	60.8	62.3	62.4	62.8	63.1	63.1	63.4	63.6
>=14000	39.0	58.7	60.8	61.9	63.4	63.5	63.9	64.2	64.2	64.5	64.7
>=12000	40.7	60.8	63.0	64.2	65.7	65.8	66.2	66.4	66.4	66.8	66.9
>=10000	41.1	62.1	64.3	65.5	67.1	67.2	67.6	68.0	68.0	68.3	68.5
>=9000	41.6	62.8	65.2	66.4	68.0	68.1	68.5	68.9	68.9	69.2	69.4
>=8000	42.1	63.7	66.1	67.4	69.0	69.1	69.5	69.8	69.8	70.2	70.3
>=7000	43.1	65.5	68.0	69.3	71.0	71.1	71.5	71.8	71.8	72.2	72.3
>=6000	43.7	66.7	69.2	70.7	72.3	72.4	72.8	73.2	73.2	73.5	73.7
>=5000	44.7	68.8	71.7	73.3	75.0	75.0	75.5	75.8	75.8	76.1	76.3
>=4500	45.5	70.3	73.2	74.9	76.6	76.7	77.2	77.5	77.5	77.8	78.0
>=4000	46.2	71.7	74.5	76.2	78.0	78.1	78.5	78.8	78.8	79.2	79.3
>=3500	46.6	72.4	75.5	77.3	79.1	79.2	79.6	79.9	79.9	80.4	80.5
>=3000	47.0	73.4	76.5	78.2	80.1	80.2	80.6	80.9	80.9	81.4	81.5
>=2500	47.7	74.9	78.2	80.0	82.0	82.1	82.6	83.0	83.0	83.4	83.6
>=2000	48.2	76.1	79.7	81.5	83.6	83.6	84.1	84.5	84.5	84.9	85.1
>=1800	48.3	76.6	80.2	82.0	84.1	84.1	84.7	85.1	85.1	85.5	85.7
>=1500	48.6	77.2	81.0	83.1	85.1	85.2	85.6	86.1	86.1	86.6	86.8
>=1200	48.7	77.7	81.6	83.6	85.7	85.8	86.5	86.8	86.8	87.4	87.5
>=1000	48.8	78.7	82.5	84.7	86.7	86.9	87.7	88.0	88.1	88.6	88.8
>=900	49.1	79.1	83.1	85.2	87.2	87.4	88.2	88.5	88.6	89.1	89.3
>=800	49.4	79.7	83.7	85.8	87.9	88.1	88.9	89.2	89.3	89.8	89.9
>=700	49.4	80.0	84.1	86.3	88.5	88.9	89.7	90.1	90.1	90.6	90.8
>=600	49.5	80.4	84.7	87.1	89.5	89.9	90.7	91.1	91.1	91.7	91.8
>=500	49.5	80.9	85.2	87.8	90.6	91.0	92.2	92.6	92.7	93.2	93.3
>=400	49.5	80.9	85.4	88.4	91.4	91.9	93.3	93.6	93.8	94.5	94.8
>=300	49.5	81.1	85.9	89.2	92.4	92.9	94.4	95.0	95.1	95.9	96.1
>=200	49.5	81.1	85.9	89.2	92.6	93.1	94.7	95.7	95.8	97.0	97.5
>=100	49.5	81.1	85.9	89.2	92.6	93.1	94.7	95.8	95.9	97.2	97.7
>= 0	49.5	81.1	85.9	89.2	92.6	93.1	94.7	95.8	95.9	97.2	97.7

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	34.0	50.6	53.0	54.5	55.7	55.8	56.6	57.0	57.0	57.8
>=20000	35.6	53.0	55.7	57.3	58.5	58.6	59.4	59.9	59.9	60.6
>=18000	35.8	53.4	56.1	57.6	58.9	58.9	59.8	60.2	60.2	61.0
>=16000	35.9	53.5	56.2	57.8	59.0	59.1	59.9	60.4	60.4	61.1
>=14000	36.8	54.7	57.4	58.9	60.2	60.3	61.1	61.6	61.6	62.3
>=12000	37.6	56.1	58.8	60.3	61.6	61.6	62.5	62.9	62.9	63.7
>=10000	38.3	57.6	60.5	62.0	63.2	63.3	64.2	64.6	64.6	65.3
>= 9000	39.0	59.2	62.1	63.6	64.8	64.9	65.8	66.2	66.2	66.9
>= 8000	39.5	60.1	63.2	64.7	66.1	66.2	67.0	67.5	67.5	68.2
>= 7000	40.1	61.7	64.8	66.3	67.8	67.9	68.7	69.1	69.1	69.9
>= 6000	41.0	63.3	66.4	68.0	69.5	69.6	70.5	70.9	70.9	71.7
>= 5000	42.1	65.9	69.2	70.9	72.6	72.7	73.7	74.1	74.1	74.9
>= 4500	42.3	66.9	70.2	71.9	73.6	73.7	74.7	75.1	75.1	75.9
>= 4000	42.6	67.8	71.2	72.9	74.6	74.7	75.7	76.1	76.1	76.9
>= 3500	43.0	68.7	72.1	73.9	75.6	75.7	76.7	77.2	77.2	78.0
>= 3000	43.6	70.1	73.6	75.5	77.3	77.4	78.5	79.1	79.1	79.8
>= 2500	43.8	70.9	74.5	76.6	78.3	78.4	79.5	80.1	80.1	80.9
>= 2000	44.1	71.7	75.4	77.4	79.3	79.4	80.6	81.2	81.2	82.0
>= 1800	44.4	72.5	76.2	78.2	80.2	80.3	81.5	82.1	82.1	83.0
>= 1500	45.0	73.6	77.3	79.3	81.3	81.4	82.6	83.2	83.2	84.1
>= 1200	45.5	74.4	78.2	80.4	82.4	82.5	83.8	84.5	84.5	85.3
>= 1000	46.0	75.3	79.2	81.4	83.4	83.5	84.8	85.5	85.5	86.4
>= 900	46.1	75.9	79.8	82.0	84.1	84.1	85.5	86.2	86.2	87.1
>= 800	46.3	76.5	80.4	82.6	84.7	84.7	86.1	86.8	86.8	87.7
>= 700	46.4	77.0	81.0	83.3	85.4	85.5	86.8	87.8	87.8	88.7
>= 600	46.5	77.6	82.0	84.6	86.8	87.0	88.7	89.5	89.5	90.5
>= 500	46.5	77.8	82.5	85.2	87.6	87.9	89.7	90.6	90.6	91.6
>= 400	46.5	78.0	83.1	86.3	88.7	89.0	90.9	91.8	91.9	92.9
>= 300	46.5	78.2	83.6	87.0	89.8	90.1	92.4	93.7	93.8	94.8
>= 200	46.5	78.2	83.7	87.1	90.2	90.6	93.1	94.5	94.6	96.5
>= 100	46.5	78.2	83.7	87.1	90.2	90.6	93.1	94.5	94.6	96.5
>= 0	46.5	78.2	83.7	87.1	90.2	90.6	93.1	94.5	94.6	96.5

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	29.8	45.0	47.1	49.1	50.9	51.1	51.5	52.2	52.3	52.4
>=20000	31.7	48.4	50.7	52.8	54.7	54.9	55.6	56.0	56.1	56.2
>=18000	32.0	48.7	51.0	53.1	55.1	55.2	56.0	56.3	56.4	56.5
>=16000	32.0	49.2	51.4	53.5	55.5	55.6	56.4	56.7	56.8	56.9
>=14000	32.9	50.2	52.4	54.6	56.5	56.7	57.4	57.8	57.8	57.9
>=12000	34.1	52.3	54.6	56.9	58.9	59.1	59.9	60.2	60.3	60.4
>=10000	35.3	53.8	56.4	58.7	60.8	61.0	61.7	62.1	62.1	62.2
>= 9000	35.6	54.6	57.3	59.6	61.7	61.9	62.7	63.2	63.2	63.3
>= 8000	36.1	55.7	58.4	60.9	63.1	63.2	64.1	64.5	64.6	64.7
>= 7000	36.9	58.2	61.0	63.6	65.8	65.9	66.8	67.2	67.3	67.5
>= 6000	37.8	59.4	62.4	64.9	67.3	67.5	68.3	68.7	68.8	69.0
>= 5000	38.8	61.7	64.7	67.2	69.9	70.1	70.9	71.4	71.5	71.7
>= 4500	39.2	62.8	65.8	68.3	71.1	71.2	72.1	72.6	72.7	72.8
>= 4000	39.9	64.2	67.5	70.2	73.0	73.2	74.0	74.5	74.6	74.8
>= 3500	40.1	65.0	68.3	71.1	73.9	74.1	75.0	75.5	75.6	75.8
>= 3000	40.9	66.2	69.6	72.4	75.3	75.5	76.5	77.0	77.1	77.2
>= 2500	41.1	67.2	70.7	73.7	76.6	76.9	77.8	78.3	78.4	78.6
>= 2000	41.7	68.4	72.1	75.1	78.1	78.3	79.3	79.8	79.8	80.1
>= 1800	41.9	68.6	72.3	75.4	78.3	78.6	79.5	80.0	80.1	80.4
>= 1500	42.2	69.2	72.9	76.1	79.2	79.4	80.4	80.9	80.9	81.2
>= 1200	42.5	70.0	73.9	77.2	80.4	80.6	81.6	82.2	82.3	82.6
>= 1000	42.6	70.7	74.6	78.1	81.5	81.7	82.7	83.4	83.5	83.8
>= 900	42.8	71.0	75.0	78.5	81.9	82.1	83.3	84.1	84.2	84.6
>= 800	43.1	71.7	75.8	79.4	82.9	83.1	84.7	85.2	85.2	85.6
>= 700	43.3	72.1	76.3	80.1	83.6	83.9	85.2	86.0	86.1	86.4
>= 600	43.3	72.8	77.1	81.0	84.7	85.0	86.7	87.5	87.6	88.0
>= 500	43.3	73.2	78.0	82.0	86.2	86.5	88.4	89.3	89.4	90.1
>= 400	43.3	73.4	78.3	82.5	86.9	87.4	89.7	90.8	90.9	92.1
>= 300	43.3	73.4	78.7	83.3	88.1	88.6	91.0	92.5	92.7	94.0
>= 200	43.3	73.4	78.8	83.4	88.2	88.8	91.5	93.1	93.3	95.1
>= 100	43.3	73.4	78.8	83.4	88.2	88.8	91.5	93.3	93.5	95.3
>= 0	43.3	73.4	78.8	83.4	88.2	88.8	91.5	93.3	93.5	95.3

TOTAL NO. OF OBS : 1186

2 - CLINIC VS VISIBILITY

013980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	36.3	49.2	50.9	51.4	51.8	51.8	52.0	52.0	52.0	52.0
>=20000	39.8	53.7	55.6	56.2	56.5	56.5	56.8	56.8	56.8	56.8
>=18000	40.0	54.0	55.8	56.4	56.7	56.7	57.1	57.1	57.1	57.1
>=16000	40.3	54.5	56.4	57.0	57.3	57.3	57.7	57.7	57.7	57.7
>=14000	40.7	55.1	57.2	57.8	58.1	58.1	58.5	58.5	58.5	58.5
>=12000	42.3	57.6	59.7	60.3	60.7	60.7	61.2	61.2	61.2	61.2
>=10000	43.3	59.4	61.6	62.3	62.7	62.7	63.3	63.3	63.3	63.3
>=9000	43.8	60.2	62.4	63.2	63.7	63.7	64.3	64.3	64.3	64.3
>=8000	44.1	61.1	63.3	64.1	64.6	64.6	65.3	65.3	65.3	65.3
>=7000	44.9	63.1	65.3	66.2	66.8	66.8	67.6	67.6	67.6	67.6
>=6000	46.0	64.5	66.9	67.9	68.5	68.5	69.6	69.6	69.6	69.6
>=5000	46.3	65.6	68.1	69.5	70.2	70.2	71.2	71.2	71.2	71.2
>=4500	46.7	66.7	69.2	70.6	71.2	71.2	72.3	72.3	72.3	72.3
>=4000	47.6	67.8	70.3	71.7	72.4	72.4	73.5	73.5	73.5	73.5
>=3500	48.1	68.5	71.0	72.3	73.4	73.4	74.4	74.4	74.4	74.4
>=3000	48.7	69.9	72.6	74.1	75.0	75.0	76.4	76.4	76.4	76.4
>=2500	49.5	70.9	73.6	75.1	76.1	76.1	77.7	77.7	77.7	77.7
>=2000	50.8	72.7	75.4	76.9	77.8	77.8	79.9	79.9	79.9	79.9
>=1800	50.9	73.0	75.7	77.3	78.2	78.2	80.3	80.3	80.3	80.3
>=1500	51.8	74.2	77.1	78.8	79.7	79.7	81.7	81.7	81.7	81.7
>=1200	52.4	75.5	78.7	80.4	81.5	81.5	83.6	83.6	83.6	83.6
>=1000	53.1	76.6	80.0	82.0	83.1	83.1	85.3	85.3	85.3	85.3
>=900	53.4	77.1	80.9	83.0	84.2	84.2	86.6	86.6	86.6	86.6
>=800	53.5	77.9	82.0	84.1	85.5	85.5	87.9	87.9	87.9	87.9
>=700	53.7	78.3	82.6	84.9	86.6	86.6	89.2	89.2	89.2	89.2
>=600	53.8	78.9	83.6	86.0	87.9	87.9	91.1	91.1	91.1	91.1
>=500	53.8	79.7	84.7	87.4	89.7	89.7	93.3	93.3	93.3	93.3
>=400	53.8	79.6	85.1	88.1	90.5	90.5	94.8	94.8	94.8	94.8
>=300	53.8	79.6	85.2	88.1	91.1	91.1	96.5	96.5	96.5	96.5
>=200	53.8	79.6	85.2	88.1	91.1	91.1	97.0	97.0	97.0	97.0
>=100	53.8	79.6	85.2	88.1	91.1	91.1	97.0	97.0	97.0	97.0
>=0	53.8	79.6	85.2	88.1	91.1	91.1	97.0	97.0	97.0	97.0

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013660 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : FEB
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	43.7	51.7	52.4	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=20000	48.4	57.7	58.5	56.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
>=18000	48.7	58.0	58.9	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=16000	49.1	58.4	59.3	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=14000	50.1	59.6	60.5	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=12000	51.0	61.0	61.9	62.1	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>=10000	52.1	62.7	63.8	64.0	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=9000	52.9	63.8	65.2	65.3	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=8000	53.5	65.2	66.6	66.8	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=7000	54.3	66.6	68.1	68.5	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
>=6000	54.8	67.5	69.0	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=5000	56.0	69.0	70.6	71.3	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=4500	56.7	70.2	71.9	72.7	73.2	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=4000	57.8	71.5	73.3	74.1	74.7	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>=3500	58.8	72.9	74.9	75.7	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=3000	61.0	75.9	77.8	78.8	79.5	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=2500	62.3	78.0	79.9	80.9	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=2000	63.4	79.8	82.1	83.2	84.1	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>=1800	63.6	80.4	82.6	83.7	84.6	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>=1500	64.2	82.1	84.6	85.8	86.8	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>=1200	64.6	83.3	85.9	87.3	88.5	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
>=1000	65.0	84.8	87.6	89.3	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=900	65.3	85.3	88.3	90.1	91.6	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=800	65.5	85.8	89.0	90.7	92.4	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>=700	65.5	86.3	89.4	91.2	93.1	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=600	65.6	86.6	89.8	91.7	93.6	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=500	65.6	86.8	90.0	92.1	94.3	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>=400	65.6	86.9	90.1	92.3	94.7	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=300	65.6	87.0	90.2	92.5	94.9	95.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=200	65.6	87.0	90.2	92.5	94.9	95.3	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>=100	65.6	87.0	90.2	92.5	94.9	95.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=0	65.6	87.0	90.2	92.5	94.9	95.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2

TOTAL NO. OF OBS : 1186

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4
UNLIMIT	42.9	53.6	55.1	55.4	55.4	55.5	55.6	55.6	55.6	55.6
>=20000	47.7	60.1	61.6	61.9	61.9	62.0	62.1	62.1	62.1	62.1
>=18000	48.3	60.8	62.3	62.5	62.5	62.7	62.8	62.8	62.8	62.8
>=16000	48.6	61.2	62.7	63.0	63.0	63.1	63.2	63.2	63.2	63.2
>=14000	49.4	62.3	63.8	64.1	64.1	64.3	64.4	64.4	64.4	64.4
>=12000	50.5	64.1	65.7	66.1	66.1	66.2	66.3	66.3	66.3	66.3
>=10000	52.0	66.6	68.4	68.7	68.8	68.9	69.0	69.0	69.0	69.0
>=9000	52.4	67.5	69.3	69.6	69.7	69.9	70.0	70.0	70.0	70.0
>=8000	53.0	68.7	70.5	70.9	71.0	71.1	71.3	71.3	71.3	71.3
>=7000	53.8	69.7	71.6	72.1	72.1	72.4	72.6	72.6	72.6	72.6
>=6000	54.5	70.9	73.0	73.4	73.7	73.8	74.0	74.0	74.0	74.0
>=5000	56.1	72.9	75.1	75.7	75.9	76.1	76.4	76.4	76.4	76.4
>=4500	57.0	74.2	76.4	77.0	77.2	77.4	77.6	77.6	77.6	77.6
>=4000	57.8	75.7	77.9	78.5	78.8	79.0	79.2	79.2	79.2	79.2
>=3500	58.6	77.0	79.3	80.0	80.3	80.5	80.8	80.8	80.8	80.8
>=3000	59.7	78.9	81.3	82.1	82.5	82.7	83.0	83.0	83.0	83.0
>=2500	60.3	80.1	82.5	83.5	84.1	84.3	84.6	84.6	84.7	84.7
>=2000	60.9	81.8	84.3	85.3	85.9	86.2	86.7	86.8	86.8	86.8
>=1800	61.3	82.4	85.1	86.2	86.8	87.1	87.7	87.8	87.8	87.8
>=1500	61.9	83.8	86.5	87.7	88.4	88.7	89.3	89.5	89.5	89.5
>=1200	62.5	85.0	87.8	89.0	90.0	90.5	91.1	91.3	91.4	91.4
>=1000	62.8	85.6	88.4	90.0	90.9	91.4	92.1	92.2	92.3	92.3
>=900	63.0	85.9	88.9	90.5	91.4	92.1	92.9	92.9	93.0	93.0
>=800	63.0	86.1	89.2	90.9	91.9	92.6	93.3	93.6	93.7	93.7
>=700	63.0	86.6	89.8	91.8	93.1	93.8	94.7	95.0	95.1	95.1
>=600	63.0	86.7	90.0	92.2	93.6	94.4	95.7	96.1	96.5	96.5
>=500	63.1	86.9	90.2	92.7	94.3	95.2	96.5	97.1	97.5	97.6
>=400	63.1	86.9	90.4	92.9	94.6	95.5	97.0	98.1	98.9	99.0
>=300	63.1	86.9	90.5	93.0	94.8	95.8	97.3	98.4	99.3	99.7
>=200	63.1	87.0	90.5	93.1	94.9	95.9	97.5	98.6	99.7	100.0
>=100	63.1	87.0	90.5	93.1	94.9	95.9	97.5	98.6	99.7	100.0
>=0	63.1	87.0	90.5	93.1	94.9	95.9	97.5	98.6	99.7	100.0

TOTAL NO. OF OBS : 1115

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	41.9	54.3	55.4	56.6	57.5	57.6	57.7	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9
>=20000	45.1	58.9	60.2	61.4	62.3	62.4	62.5	62.5	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
>=18000	45.6	59.5	60.8	62.0	62.9	63.0	63.1	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3
>=16000	45.8	59.7	61.0	62.3	63.1	63.2	63.5	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6
>=14000	47.2	61.3	62.5	63.8	64.6	64.7	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>=12000	48.7	64.1	65.3	66.7	67.6	67.7	67.9	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	49.7	65.6	66.9	68.3	69.2	69.3	69.5	69.6	69.6	69.7	69.8	69.8	69.8	69.8	69.8	69.8
>=9000	50.2	66.3	67.8	69.1	70.0	70.1	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=8000	51.3	68.4	69.9	71.2	72.2	72.2	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=7000	52.5	70.0	71.5	72.8	73.8	73.9	74.3	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.5
>=6000	53.1	71.0	72.5	73.8	74.9	75.0	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6
>=5000	54.0	72.7	74.3	75.7	76.9	77.2	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6
>=4500	54.9	74.1	75.8	77.3	78.4	78.5	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
>=4000	55.7	75.9	77.8	79.3	80.6	80.7	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
>=3500	55.9	76.6	78.6	80.3	81.8	81.9	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=3000	56.7	77.9	79.9	81.8	83.2	83.4	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=2500	57.4	78.8	80.8	82.9	84.3	84.6	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
>=2000	57.6	79.7	81.9	84.1	85.5	85.8	86.2	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
>=1800	57.7	80.0	82.4	84.5	85.9	86.2	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
>=1500	57.9	80.6	83.0	85.2	86.7	87.0	87.4	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=1200	58.1	81.3	83.7	86.1	87.6	87.9	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
>=1000	58.4	81.9	84.6	87.3	88.9	89.3	90.0	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5
>=900	58.5	82.2	84.8	87.5	89.2	89.5	90.3	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
>=800	58.5	82.3	85.0	87.8	89.5	89.8	90.5	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1
>=700	58.5	82.5	85.3	88.1	89.8	90.1	91.0	91.3	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6
>=600	58.6	83.0	85.7	88.9	90.7	91.1	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8
>=500	58.6	83.4	86.3	90.1	92.4	93.2	94.1	94.8	94.8	95.0	95.3	95.3	95.3	95.3	95.3	95.3
>=400	58.6	83.7	86.8	90.6	93.1	93.8	95.1	96.2	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9
>=300	58.6	83.7	86.8	90.7	93.4	94.3	95.9	97.0	97.0	97.5	97.7	97.7	97.8	97.8	97.9	97.9
>=200	58.6	83.7	86.8	90.7	93.4	94.3	96.3	97.5	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6
>=100	58.6	83.7	86.8	90.7	93.4	94.3	96.4	97.6	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2
>=0	58.6	83.7	86.8	90.7	93.4	94.3	96.4	97.6	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NO. OF OBS : 1185

2 - CEILING VS VISIBILITY

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : FEB
 HOUR : 2200 LST

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	41.2	57.3	56.7	60.3	61.5	61.7	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.2	62.2
>=20000	42.7	60.1	61.5	63.0	64.3	64.5	64.7	65.0	65.0	65.0	65.0	65.0	65.1	65.1	65.1	65.1
>=18000	43.0	60.3	61.8	63.3	64.6	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.4	65.4
>=16000	43.1	60.5	61.9	63.5	64.8	65.0	65.2	65.5	65.5	65.5	65.5	65.5	65.6	65.6	65.7	65.7
>=14000	44.1	61.7	63.2	64.9	66.2	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.9	66.9	67.0	67.0
>=12000	45.4	64.0	65.5	67.2	68.4	68.6	68.9	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.3	69.3
>=10000	46.1	65.3	66.9	68.7	70.0	70.1	70.4	70.6	70.6	70.6	70.6	70.6	70.7	70.7	70.8	70.8
>=9000	46.7	66.4	68.1	69.9	71.1	71.3	71.6	71.8	71.8	71.8	71.8	71.8	71.9	71.9	72.0	72.0
>=8000	47.6	68.0	70.0	71.8	73.1	73.2	73.6	73.8	73.8	73.8	73.8	73.8	73.9	73.9	74.0	74.0
>=7000	48.4	69.1	71.1	73.0	74.3	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.3	75.3
>=6000	48.9	70.1	72.2	74.2	75.5	75.7	76.1	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.6	76.6
>=5000	49.9	72.0	74.2	76.2	77.6	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.7
>=4500	50.5	73.3	75.5	77.6	79.0	79.2	79.7	79.9	79.9	79.9	79.9	79.9	80.0	80.2	80.3	80.3
>=4000	51.1	74.3	76.5	78.6	80.0	80.2	80.7	80.9	80.9	80.9	80.9	80.9	81.1	81.2	81.3	81.3
>=3500	51.5	75.1	77.5	79.7	81.2	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.5	82.5
>=3000	51.9	75.9	78.4	80.7	82.2	82.4	83.0	83.3	83.3	83.3	83.3	83.3	83.5	83.5	83.6	83.6
>=2500	52.5	77.2	79.8	82.4	84.0	84.2	84.7	85.1	85.1	85.1	85.1	85.1	85.4	85.4	85.5	85.5
>=2000	53.0	78.5	81.2	83.7	85.4	85.7	86.2	86.5	86.5	86.5	86.5	86.5	86.8	86.8	86.9	86.9
>=1800	53.2	78.8	81.5	84.1	86.0	86.2	86.8	87.1	87.1	87.1	87.1	87.1	87.5	87.5	87.6	87.6
>=1500	53.2	79.3	82.2	84.8	86.8	87.0	87.5	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.4	88.4
>=1200	53.4	80.4	83.4	86.1	88.0	88.3	88.8	89.1	89.1	89.1	89.1	89.1	89.5	89.5	89.6	89.6
>=1000	53.8	81.0	84.1	86.8	88.9	89.1	89.6	90.0	90.0	90.0	90.0	90.0	90.5	90.5	90.5	90.5
>=900	53.8	81.3	84.5	87.4	89.5	89.8	90.3	90.7	90.7	90.7	90.7	90.7	91.1	91.1	91.2	91.2
>=800	53.8	81.9	85.1	88.1	90.2	90.5	91.1	91.5	91.5	91.5	91.5	91.5	91.9	91.9	92.0	92.0
>=700	53.8	82.1	85.6	88.6	90.8	91.1	91.6	92.1	92.1	92.1	92.1	92.1	92.5	92.5	92.6	92.6
>=600	53.8	82.3	86.0	89.3	91.6	91.9	92.5	92.9	92.9	92.9	92.9	92.9	93.3	93.3	93.4	93.4
>=500	53.8	82.5	86.5	90.1	92.5	92.8	93.6	94.2	94.2	94.2	94.2	94.2	94.7	94.7	94.8	94.8
>=400	53.8	82.5	86.8	90.8	93.2	93.6	94.9	95.5	95.5	95.5	95.5	95.5	96.3	96.3	96.5	96.5
>=300	53.9	82.7	86.9	91.1	93.7	94.1	95.4	96.3	96.3	96.3	96.3	96.3	97.4	97.4	97.6	97.6
>=200	53.9	82.7	86.9	91.1	93.8	94.3	95.7	96.7	96.7	96.7	96.7	96.7	98.1	98.1	98.3	98.3
>=100	53.9	82.7	86.9	91.1	93.8	94.3	95.8	97.0	97.0	97.0	97.0	97.0	98.6	98.6	99.1	99.1
>=0	53.9	82.7	86.9	91.1	93.8	94.3	95.8	97.0	97.0	97.0	97.0	97.0	98.6	98.6	99.2	99.2

TOTAL NO. OF OBS : 1185

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	38.3	52.1	53.6	54.6	55.5	55.6	55.9	56.1	56.1	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.6	56.7
>=20000	41.2	56.1	57.9	58.9	59.9	60.0	60.3	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.8	60.8	61.0	61.1
>=18000	41.5	56.5	58.3	59.3	60.3	60.3	60.7	60.9	60.9	61.0	61.1	61.1	61.1	61.1	61.2	61.2	61.3	61.5
>=16000	41.7	56.8	58.6	59.7	60.6	60.7	61.1	61.2	61.2	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.7	61.8
>=14000	42.5	57.9	59.7	60.8	61.8	62.2	62.4	62.4	62.4	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.9	63.0
>=12000	43.8	60.0	61.8	63.0	63.9	64.0	64.4	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.9	64.9	65.1	65.2
>=10000	44.7	61.6	63.6	64.8	65.8	65.9	66.3	66.5	66.5	66.6	66.7	66.7	66.7	66.8	66.8	66.8	67.0	67.1
>= 9000	45.3	62.6	64.6	65.8	66.9	66.9	67.4	67.6	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	68.1	68.2
>= 8000	45.9	63.9	66.0	67.2	68.3	68.4	68.8	69.0	69.0	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.5	69.6
>= 7000	46.8	65.5	67.7	69.0	70.1	70.2	70.6	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.4	71.5
>= 6000	47.5	66.7	68.9	70.3	71.5	71.6	72.1	72.3	72.3	72.5	72.6	72.6	72.6	72.7	72.7	72.7	72.8	73.0
>= 5000	48.5	68.6	71.0	72.5	73.7	73.8	74.3	74.6	74.6	74.8	74.9	74.9	74.9	75.0	75.0	75.0	75.1	75.3
>= 4500	49.1	69.8	72.3	73.8	75.0	75.2	75.7	76.0	76.0	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.5	76.6
>= 4000	49.8	71.1	73.6	75.2	76.5	76.6	77.2	77.4	77.4	77.6	77.7	77.7	77.7	77.8	77.8	77.8	78.0	78.1
>= 3500	50.3	72.0	74.6	76.3	77.7	77.8	78.4	78.7	78.7	78.9	78.9	78.9	78.9	79.0	79.1	79.1	79.2	79.4
>= 3000	51.2	73.5	76.2	78.0	79.4	79.5	80.1	80.5	80.5	80.7	80.8	80.8	80.8	80.9	80.9	81.0	81.0	81.2
>= 2500	51.8	74.7	77.5	79.4	80.9	81.1	81.7	82.0	82.0	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.8	83.0
>= 2000	52.5	76.1	79.0	80.9	82.5	82.7	83.4	83.7	83.7	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.5	84.7
>= 1800	52.7	76.6	79.5	81.4	83.0	83.2	83.9	84.3	84.3	84.6	84.7	84.7	84.7	84.8	84.8	85.0	85.1	85.3
>= 1500	53.1	77.5	80.6	82.6	84.2	84.4	85.2	85.5	85.5	85.9	85.9	85.9	85.9	86.1	86.1	86.3	86.4	86.6
>= 1200	53.5	78.5	81.7	83.8	85.5	85.7	86.6	87.0	87.0	87.3	87.4	87.4	87.4	87.5	87.5	87.7	87.8	88.0
>= 1000	53.8	79.3	82.6	84.9	86.7	87.0	87.8	88.3	88.3	88.6	88.7	88.7	88.7	88.9	88.9	89.0	89.2	89.4
>= 900	54.0	79.7	83.2	85.5	87.4	87.7	88.5	89.0	89.0	89.4	89.5	89.5	89.5	89.6	89.6	89.8	89.9	90.1
>= 800	54.1	80.2	83.8	86.2	88.1	88.4	89.3	89.8	89.9	90.2	90.3	90.3	90.3	90.4	90.4	90.6	90.8	91.0
>= 700	54.2	80.6	84.3	86.8	88.9	89.2	90.2	90.8	90.8	91.2	91.3	91.3	91.3	91.4	91.4	91.6	91.7	91.9
>= 600	54.3	81.0	84.8	87.6	89.8	90.2	91.4	92.1	92.1	92.5	92.6	92.6	92.6	92.8	92.8	92.9	93.1	93.3
>= 500	54.3	81.3	85.4	88.4	90.9	91.4	92.8	93.6	93.6	94.1	94.3	94.3	94.3	94.5	94.5	94.6	94.8	95.0
>= 400	54.3	81.5	85.7	89.0	91.6	92.2	93.9	94.9	94.9	95.6	95.8	95.8	95.8	96.0	96.0	96.2	96.3	96.5
>= 300	54.3	81.6	86.0	89.4	92.3	92.9	94.8	96.0	96.1	96.9	97.2	97.2	97.2	97.4	97.4	97.6	97.8	98.0
>= 200	54.3	81.6	86.0	89.4	92.4	93.0	95.1	96.4	96.6	97.8	98.1	98.1	98.1	98.5	98.5	98.8	99.0	99.2
>= 100	54.3	81.6	86.0	89.4	92.4	93.0	95.2	96.5	96.6	97.9	98.3	98.3	98.3	98.8	98.8	99.4	99.7	100.0
>= 0	54.3	81.6	86.0	89.4	92.4	93.0	95.2	96.5	96.6	97.9	98.3	98.3	98.3	98.8	98.8	99.5	99.8	100.0

TOTAL NO. OF OBS. : 9485

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN	
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			WIND	SPEED				
N	1.4	2.5	1.7	.9	.0	.0	.0	.0	.0	.0	.0	6.5	6.3						
NNE	.8	1.7	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	5.4	7.5						
NE	.8	2.2	1.5	.6	.1	.0	.0	.0	.0	.0	.0	5.2	6.7						
ENE	.2	1.1	1.8	.4	.0	.0	.0	.0	.0	.0	.0	3.4	7.6						
E	.8	1.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.1	6.1						
ESE	.7	1.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	2.5	5.3						
SE	.9	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.9	5.9						
SSE	.7	1.0	.8	.5	.2	.0	.0	.0	.0	.0	.0	3.1	7.1						
S	1.9	3.3	2.2	1.5	.8	.2	.0	.0	.0	.0	.0	9.9	8.0						
SSW	.9	3.1	4.1	2.4	.2	.0	.0	.0	.0	.0	.0	10.8	8.3						
SW	.6	2.0	3.7	1.4	.1	.1	.0	.0	.0	.0	.0	7.8	8.1						
WSW	.5	1.8	2.5	.6	.2	.0	.0	.0	.0	.0	.0	5.6	7.5						
W	.7	1.9	3.5	1.8	.3	.1	.0	.0	.0	.0	.0	8.4	8.7						
WNW	.5	.9	2.2	1.5	.2	.1	.0	.0	.0	.0	.0	5.3	9.1						
NW	.7	.8	1.2	1.2	.2	.1	.0	.0	.0	.0	.0	4.2	8.7						
NNW	.4	2.2	1.3	.4	.2	.2	.0	.0	.0	.0	.0	4.6	7.3						
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0						
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	.0						
ALL	12.6	28.6	30.7	14.7	2.5	.6	.0	.0	.0	.0	.0	100.0	6.9						

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	1.2	2.0	2.7	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.3
NNE	.9	2.8	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.2
NE	1.2	2.3	2.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.7
ENE	.4	1.3	1.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.8
E	.5	1.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.8
ESE	.1	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.8
SE	.8	.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.9
SSE	.4	.9	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
S	1.0	2.2	1.5	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.1
SSW	.4	2.0	4.4	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	9.4
SW	.5	2.5	3.2	1.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.9
WSW	.4	1.8	2.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.3
W	.6	2.6	3.5	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	8.0
WNW	.5	1.7	2.5	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.4
NW	.6	1.5	2.1	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.5
NNW	1.3	2.5	1.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	.0
ALL	10.8	29.1	32.5	14.6	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.9

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL >=56	%	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55									
N	1.4	3.8	2.2	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	6.9	
NNE	.9	3.2	3.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	7.3	
NE	.9	2.1	3.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	7.3	
ENE	.1	1.6	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.7	
E	.8	1.0	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.9	
ESE	.4	1.1	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.4	
SE	.3	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.6	
SSE	.5	.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.8	
S	.8	2.2	1.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.2	
SSW	.8	2.6	2.9	2.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.0	
SW	.6	2.2	2.7	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	8.4	
WSW	.3	2.0	3.5	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	8.5	
W	.4	2.5	3.7	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	8.3	
WNW	.5	2.5	2.3	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.8	
NW	.6	1.8	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.1	
NNW	.7	2.0	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	.0	
ALL	9.9	31.8	33.0	14.6	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.0	

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY (F WIND DIRECTION VS SPEED (FROM HOURLY OBSERVATIONS))

16 PT. DIR.	1 - 3			4 - 6			7-10			11-16			17-21			22-27			28-33			34-40			41-47			48-55			>=56			TOTAL	MEAN
	1	2	3	4	5	6	7	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
N	.4			1.4			3.2			1.9			.5			.0			.0			.0			.0			.0			.0			7.4	9.2
NNE	.3			1.1			3.1			2.6			.1			.0			.0			.0			.0			.0			.0			7.1	9.5
NE	.8			1.2			3.1			2.5			.2			.0			.0			.0			.0			.0			.0			7.7	9.1
ENE	.2			1.6			3.2			1.9			.1			.0			.0			.0			.0			.0			.0			7.0	9.0
E	.2			1.1			2.8			1.2			.0			.0			.0			.0			.0			.0			.0			5.3	8.6
ESE	.2			.8			1.7			.6			.0			.0			.0			.0			.0			.0			.0			3.4	8.2
SE	.2			.5			1.2			.6			.1			.0			.0			.0			.0			.0			.0			2.6	8.8
SSE	.0			.7			.6			1.2			.2			.0			.0			.0			.0			.0			.0			2.6	10.4
S	.8			.5			1.5			1.8			.7			.0			.0			.0			.0			.0			.0			5.3	10.3
SSW	.0			.6			2.2			2.5			.8			.0			.0			.0			.0			.0			.0			6.6	12.5
SW	.3			1.5			2.5			3.5			.6			.1			.0			.0			.0			.0			.0			8.8	11.3
WSW	.4			.9			3.1			3.1			.5			.0			.0			.0			.0			.0			.0			8.2	10.6
W	.1			1.5			2.4			3.3			1.4			.1			.0			.0			.0			.0			.0			9.4	12.2
WNW	.3			.8			2.1			2.8			1.1			.1			.0			.0			.0			.0			.0			7.2	11.8
NW	.1			1.4			1.8			2.2			.4			.0			.0			.0			.0			.0			.0			5.8	10.4
NNW	.2			.6			1.2			2.0			.3			.0			.0			.0			.0			.0			.0			4.5	10.9
VAR	.0			.0			.0			.0			.0			.0			.0			.0			.0			.0			.0			.0	.0
CLM	.0			.0			.0			.0			.0			.0			.0			.0			.0			.0			.0			1.2	.0
ALL	4.5			16.3			35.6			33.6			6.8			1.8			.2			.2			.2			.0			.0			100.0	10.2

TOTAL NO. OF OBS : 1302

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1300 LST

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

16 PT.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND SPEED
N	.1	.6	.2	2.4	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	10.1
NNE	.3	.7	.0	2.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.4
NE	.2	.8	.0	1.9	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	8.8
ENE	.1	1.0	.0	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.0
E	.2	.7	.0	2.5	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	9.7
ESE	.1	.6	.0	2.5	2.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	10.0
SE	.2	.5	.0	2.2	1.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	10.0
SSE	.2	.8	.0	2.8	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	9.7
S	.0	.8	.0	2.1	3.6	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	8.6	12.9
SSW	.1	.8	.0	1.7	4.4	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	8.5	12.6
SW	.3	.8	.0	1.7	3.4	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.3	11.8
WSW	.0	.8	.0	1.8	4.1	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	8.7	13.3
W	.1	.7	.0	3.2	4.2	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	10.6	13.2
WNW	.0	1.0	.0	1.9	2.6	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.5	12.6
NW	.2	.6	.0	1.8	2.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.5	10.9
NNW	.2	.7	.0	1.9	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	10.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0
ALL	2.2	12.1	34.4	38.8	9.1	2.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	100.0	11.3

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.4	1.0	2.3	1.3	.1	.0	.0	.0	.0	.0	.0	5.1	8.7				
NNE	.1	.2	.8	.5	.2	.0	.0	.0	.0	.0	.0	1.7	10.7				
NE	.0	.2	1.2	.7	.1	.1	.0	.0	.0	.0	.0	2.3	10.3				
NNE	.0	.3	.7	.8	.1	.0	.0	.0	.0	.0	.0	1.9	10.6				
E	.0	.6	2.5	2.7	.2	.0	.0	.0	.0	.0	.0	6.1	10.6				
ESE	.1	.7	2.5	3.4	.1	.0	.0	.0	.0	.0	.0	6.8	10.6				
SE	.1	.4	2.7	3.6	.2	.0	.0	.0	.0	.0	.0	6.9	10.9				
SSE	.3	.7	2.8	4.1	.1	.0	.1	.0	.0	.0	.0	8.0	10.7				
S	.0	1.3	3.1	9.1	2.0	.1	.0	.0	.0	.0	.0	14.6	12.4				
SSW	.0	.5	2.6	4.1	1.8	.2	.0	.0	.0	.0	.0	9.1	13.0				
SW	.0	.2	.7	2.4	.3	.0	.0	.0	.0	.0	.0	3.6	12.5				
WSW	.0	.5	1.7	2.4	.9	.5	.2	.0	.0	.0	.0	6.2	14.1				
W	.2	.5	1.5	4.2	2.0	.6	.0	.0	.0	.0	.0	9.1	14.0				
WNW	.0	.3	1.5	3.2	1.7	.5	.1	.1	.0	.0	.0	7.5	14.4				
NW	.2	.8	1.7	2.2	.2	.2	.0	.0	.0	.0	.0	5.3	11.3				
NNW	.2	.7	2.2	2.2	.5	.0	.0	.0	.0	.0	.0	5.7	10.5				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0				
ALL	1.4	8.9	30.6	45.9	10.3	2.2	.4	.1	.0	.0	.0	100.0	11.9				

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013830 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	
N	.2	1.5	1.1	.6	.2	.0	.0	.0	.0	.0	.0	3.8
NNE	.1	1.4	1.0	.4	.1	.0	.0	.0	.0	.0	.0	2.9
NE	.5	.8	1.2	.5	.0	.0	.0	.0	.0	.0	.0	2.9
ENE	.0	.8	1.5	1.2	.1	.0	.0	.0	.0	.0	.0	3.5
E	.2	1.7	2.9	1.0	.1	.0	.0	.0	.0	.0	.0	5.9
ESE	.2	2.3	3.6	.7	.0	.1	.0	.0	.0	.0	.0	6.9
SE	.3	3.4	2.6	.3	.0	.0	.0	.0	.0	.0	.0	6.6
SSE	.5	4.5	3.8	.9	.0	.1	.0	.0	.0	.0	.0	9.8
S	.4	4.5	8.0	2.8	.5	.0	.0	.0	.0	.0	.0	16.1
SSW	.4	2.2	7.3	2.6	.3	.0	.0	.0	.0	.0	.0	12.8
SW	.2	1.0	1.8	.9	.1	.0	.0	.0	.0	.0	.0	4.0
WSW	.2	1.3	1.5	.5	.2	.0	.0	.0	.0	.0	.0	3.7
W	.2	1.5	3.5	2.2	.3	.2	.1	.0	.0	.0	.0	7.9
WNW	.0	1.0	1.8	1.2	.6	.1	.0	.0	.0	.0	.0	4.8
NW	.1	.8	1.2	.8	.1	.0	.0	.0	.0	.0	.0	2.9
NNW	.2	1.0	1.3	.8	.2	.0	.0	.0	.0	.0	.0	3.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	3.5	29.7	44.1	17.6	2.5	.5	.1	.0	.0	.0	.0	100.0

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : MAR
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	
N	.4	1.2	1.1	.3	.2	.0	.0	.0	.0	.0	.0	3.1
NNE	.3	1.8	1.8	.3	.1	.0	.0	.0	.0	.0	.0	4.3
NE	.3	2.6	1.4	.4	.0	.0	.0	.0	.0	.0	.0	4.7
ENE	.4	1.9	1.8	.7	.2	.1	.0	.0	.0	.0	.0	5.0
E	.8	2.8	1.5	.1	.1	.0	.0	.0	.0	.0	.0	5.3
ESE	1.4	2.1	.9	.2	.0	.0	.0	.0	.0	.0	.0	4.6
SE	.8	1.9	.6	.2	.0	.0	.0	.0	.0	.0	.0	3.5
SSE	2.7	5.5	1.5	.5	.1	.1	.0	.0	.0	.0	.0	5.8
S	.9	4.8	3.6	1.7	.5	.0	.0	.0	.0	.0	.0	14.1
SSW	.3	2.5	5.4	1.9	.2	.1	.0	.0	.0	.0	.0	13.4
SW	.2	2.4	3.1	.7	.2	.0	.0	.0	.0	.0	.0	6.8
WSW	.3	1.3	2.2	.6	.2	.0	.0	.0	.0	.0	.0	5.6
W	.4	.5	1.5	1.2	.4	.2	.0	.0	.0	.0	.0	5.5
WNW	.1	.6	1.7	1.5	.5	.1	.0	.0	.0	.0	.0	4.7
NW	.2	1.0	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	2.5
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	3.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	10.3	35.8	30.4	12.1	7.5	.5	.2	.0	.0	.0	.0	100.0

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	.7	1.7	2.1	1.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.9	
NNE	.5	1.6	2.1	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.9	
NE	.6	1.5	2.1	1.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.7	
ENE	.2	1.2	1.6	1.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.0	8.5	
E	.5	1.4	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.9	
ESE	.4	1.2	1.6	1.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.0	
SE	.5	1.1	1.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.0	
SSE	.4	1.5	1.7	1.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.3	
S	.9	2.5	3.0	2.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	10.0	9.3	
SSW	.4	2.1	3.8	2.8	.7	.1	.0*	.0	.0	.0	.0	.0	.0	.0	10.0	9.9	
SW	.4	1.6	2.4	1.9	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	6.6	9.4	
WSW	.2	1.5	2.4	1.8	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	6.5	10.1	
W	.3	1.6	2.9	2.5	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	8.5	10.7	
WNW	.3	1.1	2.0	1.9	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	6.2	10.9	
NW	.3	1.0	1.4	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.6	
NNW	.4	1.3	1.5	1.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4.7	8.6	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	.0	
ALL	6.9	24.0	32.9	24.1	4.7	1.2	.1	.0*	.0	.0	.0	.0	.0	.0	100.0	8.7	

TOTAL NO. OF OBS : 10413

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	40.5	54.8	56.8	58.2	59.4	59.6	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.6	60.6	60.6	60.9
>=20000	42.9	58.4	60.5	62.2	63.4	63.6	64.1	64.1	64.1	64.1	64.1	64.3	64.3	64.3	64.6	64.6	64.6	64.9
>=18000	43.0	58.5	60.6	62.3	63.4	63.7	64.1	64.2	64.2	64.2	64.2	64.4	64.4	64.4	64.7	64.7	64.7	65.0
>=16000	43.2	58.7	60.8	62.4	63.6	63.8	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.8	64.8	64.8	65.1
>=14000	43.9	59.9	62.1	63.8	65.0	65.2	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	66.2	66.2	66.2	66.5
>=12000	45.2	61.4	63.7	65.5	66.7	66.9	67.4	67.5	67.5	67.5	67.5	67.7	67.7	67.7	68.0	68.0	68.0	68.3
>=10000	46.5	63.6	65.8	67.7	68.9	69.1	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	70.2	70.2	70.2	70.5
>=9000	47.0	64.6	66.8	68.9	70.1	70.4	71.0	71.1	71.1	71.1	71.1	71.3	71.3	71.3	71.6	71.6	71.6	71.9
>=8000	47.7	66.0	68.3	70.4	71.6	71.9	72.5	72.6	72.6	72.6	72.6	72.7	72.7	72.7	73.0	73.0	73.0	73.5
>=7000	48.5	67.6	70.1	72.3	73.6	73.9	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8	75.1	75.1	75.1	75.6
>=6000	49.3	68.7	71.2	73.5	74.8	75.1	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.3	76.3	76.3	76.8
>=5000	50.3	70.6	73.2	75.6	77.0	77.3	78.0	78.1	78.1	78.1	78.1	78.3	78.3	78.3	78.6	78.6	78.6	79.0
>=4500	50.8	71.3	74.0	76.4	77.8	78.1	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.4	79.4	79.4	79.9
>=4000	51.5	72.9	75.6	78.0	79.4	79.7	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.7	81.0	81.0	81.0	81.5
>=3500	52.2	73.7	76.5	79.0	80.4	80.7	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	82.0	82.0	82.0	82.5
>=3000	52.3	74.7	77.6	80.1	81.6	81.9	82.6	82.8	82.8	82.8	82.8	82.9	82.9	82.9	83.3	83.3	83.3	83.7
>=2500	52.6	75.6	78.5	81.1	82.7	83.0	83.8	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.4	84.4	84.4	84.9
>=2000	52.9	76.3	79.5	82.1	83.8	84.1	84.9	85.2	85.2	85.2	85.2	85.4	85.4	85.4	85.7	85.7	85.7	86.2
>=1800	53.0	76.5	79.6	82.3	83.9	84.3	85.1	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.9	85.9	85.9	86.3
>=1500	53.2	77.2	80.4	83.3	84.9	85.3	86.1	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.9	86.9	86.9	87.3
>=1200	53.3	77.7	81.0	83.9	85.6	85.9	86.9	87.2	87.2	87.2	87.2	87.4	87.4	87.4	87.7	87.7	87.7	88.2
>=1000	53.8	78.7	82.2	85.2	86.9	87.3	88.3	88.6	88.6	88.6	88.6	88.8	88.8	88.8	89.1	89.1	89.1	89.7
>=900	54.0	79.3	82.7	85.8	87.5	87.9	89.0	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.8	89.8	89.8	90.4
>=800	54.1	79.6	83.3	86.6	88.5	88.9	90.2	90.5	90.5	90.5	90.5	90.7	90.7	90.7	91.0	91.0	91.0	91.6
>=700	54.3	80.0	83.8	87.3	89.3	89.7	91.2	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.9	91.9	91.9	92.5
>=600	54.4	80.3	84.3	87.9	90.0	90.4	92.0	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.8	92.8	92.8	93.4
>=500	54.6	80.9	84.8	88.5	90.7	91.2	92.8	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.6	93.6	93.6	94.2
>=400	54.7	81.0	85.1	89.2	91.6	92.0	93.6	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.9	94.9	94.9	95.5
>=300	54.7	81.1	85.2	89.6	92.4	93.0	95.3	95.7	95.7	95.7	95.7	96.1	96.1	96.1	96.5	96.5	96.5	97.2
>=200	54.7	81.1	85.2	89.6	92.5	93.2	95.8	96.3	96.3	96.3	96.3	96.9	97.0	97.0	97.5	97.5	97.5	98.3
>=100	54.7	81.1	85.2	89.6	92.5	93.2	95.9	96.4	96.4	96.4	96.4	97.2	97.3	97.3	98.1	98.1	98.1	99.5
>=0	54.7	81.1	85.2	89.6	92.5	93.2	95.9	96.4	96.4	96.4	96.4	97.2	97.4	97.4	98.2	98.2	99.1	100.0

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : MAR
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	36.0	49.7	51.8	54.0	55.0	55.1	55.6	55.9	56.1	56.6	56.9	57.2	57.2	57.4	57.9	
>=20000	37.7	52.5	54.7	57.1	58.1	58.2	58.7	59.0	59.3	59.8	60.0	60.3	60.3	60.6	61.0	
>=18000	37.9	52.8	55.0	57.5	58.5	58.6	59.1	59.4	59.6	60.2	60.4	60.7	60.7	61.0	61.4	
>=16000	38.0	53.0	55.1	57.6	58.6	58.7	59.3	59.6	59.8	60.3	60.6	60.9	60.9	61.1	61.6	
>=14000	38.7	54.1	56.5	59.0	60.0	60.1	60.6	61.0	61.2	61.7	62.0	62.3	62.3	62.5	63.0	
>=12000	39.6	55.9	58.3	60.9	62.0	62.0	62.6	63.0	63.2	63.7	64.0	64.3	64.3	64.5	65.0	
>=10000	40.7	57.5	60.1	62.8	63.9	64.0	64.5	64.9	65.1	65.6	65.9	66.2	66.2	66.4	66.9	
>=9000	41.3	58.6	61.4	64.1	65.2	65.3	65.8	66.2	66.4	66.9	67.2	67.5	67.5	67.7	68.2	
>=8000	41.9	59.7	62.6	65.3	66.4	66.6	67.1	67.5	67.7	68.3	68.5	68.8	68.8	69.1	69.6	
>=7000	42.7	61.3	64.5	67.3	68.4	68.6	69.3	69.6	69.9	70.4	70.6	70.9	70.9	71.3	71.7	
>=6000	43.3	62.2	65.4	68.2	69.3	69.5	70.2	70.6	70.8	71.3	71.6	71.9	71.9	72.2	72.6	
>=5000	44.5	64.4	67.6	70.6	71.8	71.9	72.6	73.0	73.3	73.8	74.0	74.3	74.3	74.6	75.1	
>=4500	45.1	65.6	68.9	71.9	73.1	73.3	74.0	74.4	74.6	75.2	75.4	75.7	75.7	76.0	76.5	
>=4000	45.6	66.4	69.8	72.8	74.1	74.3	75.0	75.4	75.6	76.2	76.5	76.8	76.8	77.1	77.6	
>=3500	46.3	67.6	71.1	74.2	75.5	75.6	76.5	76.9	77.1	77.7	77.9	78.2	78.2	78.6	79.0	
>=3000	47.0	68.6	72.3	75.6	76.9	77.0	77.9	78.2	78.5	79.2	79.4	79.7	79.7	80.0	80.5	
>=2500	47.3	69.5	73.3	76.8	78.1	78.2	79.1	79.5	79.7	80.4	80.6	80.9	80.9	81.2	81.7	
>=2000	47.7	70.6	74.6	78.1	79.6	79.7	80.6	80.9	81.2	81.9	82.1	82.4	82.4	82.7	83.2	
>=1800	47.8	70.8	74.9	78.5	79.9	80.1	80.9	81.3	81.6	82.2	82.5	82.8	82.8	83.1	83.6	
>=1500	48.3	71.9	75.9	79.7	81.2	81.3	82.2	82.6	82.9	83.6	83.8	84.1	84.1	84.4	84.9	
>=1200	48.6	72.6	76.8	80.6	82.0	82.2	83.1	83.5	83.7	84.4	84.6	84.9	84.9	85.3	85.8	
>=1000	48.7	73.1	77.4	81.2	82.8	82.9	83.9	84.2	84.5	85.2	85.4	85.7	85.7	86.1	86.5	
>=900	48.8	73.4	77.8	81.6	83.2	83.3	84.4	84.9	85.1	85.8	86.0	86.3	86.3	86.7	87.2	
>=800	49.0	74.3	78.6	82.6	84.2	84.4	85.5	86.0	86.2	86.9	87.2	87.5	87.5	87.9	88.3	
>=700	49.4	75.2	79.8	83.9	85.6	85.9	87.2	87.6	87.9	88.5	88.8	89.1	89.1	89.5	89.9	
>=600	49.6	76.0	80.9	85.1	87.0	87.2	88.6	89.1	89.3	90.0	90.2	90.5	90.5	90.9	91.4	
>=500	49.8	76.6	81.5	86.1	88.1	88.3	89.9	90.4	90.6	91.4	91.6	91.9	91.9	92.3	92.8	
>=400	50.0	77.1	82.1	86.8	88.9	89.2	90.9	91.6	91.9	92.6	92.9	93.2	93.2	93.5	94.0	
>=300	50.0	77.3	82.5	87.5	89.9	90.2	92.1	92.9	93.2	94.3	94.5	95.0	95.0	95.5	96.1	
>=200	50.0	77.3	82.6	87.7	90.2	90.5	92.6	93.7	94.0	95.6	96.1	96.6	96.6	97.2	97.8	
>=100	50.0	77.3	82.6	87.7	90.2	90.5	92.7	93.9	94.3	96.2	96.6	97.5	97.5	98.4	99.4	
>=0	50.0	77.3	82.6	87.7	90.2	90.5	92.7	93.9	94.3	96.2	96.6	97.5	97.5	98.5	100.0	

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	32.2	45.8	48.4	49.9	51.9	52.0	52.7	53.2	53.7	53.8
>=20000	34.4	49.8	52.8	54.3	56.6	56.8	57.6	58.0	58.5	58.7
>=18000	34.6	50.2	53.2	54.7	57.0	57.2	58.0	58.4	58.9	59.1
>=16000	34.7	50.3	53.3	54.9	57.2	57.3	58.1	58.6	59.0	59.3
>=14000	35.3	51.3	54.6	56.2	58.5	58.6	59.4	60.0	60.4	60.6
>=12000	36.3	53.4	57.0	58.7	61.3	61.5	62.3	62.9	63.5	63.7
>=10000	37.0	54.7	58.3	60.1	62.6	62.9	63.7	64.3	65.0	65.2
>=9000	37.7	55.8	59.5	61.3	63.8	64.0	64.9	65.5	66.1	66.3
>=8000	38.2	56.6	60.3	62.2	64.7	65.0	65.8	66.4	67.0	67.3
>=7000	39.0	58.1	61.9	63.7	66.3	66.7	67.6	68.3	68.9	69.2
>=6000	39.5	59.4	63.2	65.1	67.7	68.1	69.0	69.9	70.6	70.8
>=5000	40.6	61.0	64.8	66.7	69.4	69.8	70.7	71.6	72.3	72.5
>=4500	41.0	62.0	65.8	67.7	70.4	70.8	71.7	72.6	73.3	73.5
>=4000	41.4	62.8	66.6	68.7	71.4	71.9	72.9	73.8	74.4	74.6
>=3500	42.0	63.6	67.6	69.7	72.4	72.9	73.9	74.8	75.4	75.6
>=3000	42.2	64.5	68.6	70.8	73.7	74.2	75.3	76.2	76.9	77.1
>=2500	42.7	65.7	69.9	72.2	75.3	75.8	77.0	77.9	78.6	78.8
>=2000	43.0	66.2	70.4	72.8	76.0	76.5	77.7	78.7	79.4	79.6
>=1800	43.3	66.6	70.8	73.2	76.4	76.9	78.2	79.2	79.9	80.2
>=1500	43.9	67.3	71.6	74.1	77.4	77.9	79.2	80.2	80.9	81.2
>=1200	44.3	68.3	72.9	75.5	78.9	79.5	80.9	81.9	82.7	82.9
>=1000	44.9	69.2	73.7	76.4	79.9	80.4	81.9	82.9	83.7	83.9
>=900	45.2	69.7	74.3	77.0	80.7	81.3	82.8	83.8	84.6	84.9
>=800	45.5	70.5	75.2	77.9	82.9	82.4	84.0	85.1	86.0	86.2
>=700	45.7	71.2	76.0	78.9	82.9	83.6	85.2	86.4	87.3	87.6
>=600	46.0	72.0	76.9	79.9	84.2	84.8	86.6	87.8	88.7	89.0
>=500	46.2	72.4	77.4	80.6	85.1	85.9	87.8	89.0	89.9	90.2
>=400	46.3	72.8	77.8	81.2	85.8	86.5	88.9	90.2	91.3	91.7
>=300	46.3	72.9	77.9	81.6	86.4	87.4	89.9	91.8	93.5	93.9
>=200	46.3	72.9	78.2	81.9	86.8	87.9	90.5	92.4	94.9	95.5
>=100	46.3	72.9	78.2	81.9	86.8	87.9	90.5	92.4	95.0	95.5
>= 0	46.3	72.9	78.2	81.9	86.8	87.9	90.5	92.4	95.0	95.5

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1000 LST

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	42.1	53.3	54.8	55.1	55.4	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
>=20000	45.9	58.4	59.9	60.4	60.7	60.8	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3
>=18000	46.4	58.8	60.4	60.9	61.2	61.3	61.6	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=16000	46.7	59.2	60.8	61.3	61.6	61.7	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
>=14000	47.9	60.8	62.4	62.9	63.2	63.3	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
>=12000	48.7	62.2	64.0	64.6	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
>=10000	49.7	63.7	65.7	66.4	67.0	67.1	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6
>=9000	50.1	64.5	66.5	67.2	67.9	68.0	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6
>=8000	50.5	65.5	67.7	68.4	69.1	69.4	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	70.0	70.0	70.0	70.0
>=7000	51.3	67.0	69.4	70.3	71.1	71.4	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
>=6000	51.7	67.8	70.3	71.2	72.0	72.3	72.8	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
>=5000	52.9	70.0	72.7	73.7	74.6	74.8	75.3	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7
>=4500	53.4	70.7	73.4	74.5	75.4	75.7	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.6	76.6	76.6	76.6
>=4000	53.8	71.3	74.0	75.0	76.0	76.2	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1
>=3500	54.3	72.0	74.7	75.8	76.9	77.1	77.6	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1
>=3000	55.1	73.3	76.1	77.3	78.4	78.6	79.2	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.9	79.9	79.9	79.9
>=2500	56.0	74.7	77.6	79.0	80.1	80.4	81.0	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6
>=2000	56.8	76.3	79.4	80.9	82.1	82.4	82.9	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
>=1800	57.9	77.6	80.7	82.2	83.4	83.7	84.3	84.6	84.6	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1
>=1500	58.6	78.8	81.9	83.4	84.6	84.9	85.6	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5
>=1200	59.4	80.6	83.8	85.3	86.6	87.0	87.8	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6
>=1000	60.0	82.0	85.2	87.0	88.3	88.9	89.7	90.0	90.0	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6
>=900	60.0	82.6	85.9	88.2	89.6	90.2	91.2	91.6	91.6	91.9	91.9	91.9	91.9	91.9	92.2	92.2	92.2	92.2
>=800	60.2	83.5	86.9	89.2	90.7	91.2	92.5	92.8	92.8	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4
>=700	60.3	84.2	87.6	90.0	91.6	92.2	93.4	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.3
>=600	60.4	84.6	88.1	90.7	92.3	93.0	94.4	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.6	95.6	95.6	95.6
>=500	60.4	84.6	88.2	90.9	92.8	93.5	95.2	95.9	95.9	96.5	96.5	96.5	96.5	96.5	96.8	96.8	96.8	96.8
>=400	60.5	84.8	88.5	91.2	93.2	94.2	95.9	97.1	97.1	97.8	97.8	97.8	97.8	97.8	98.2	98.2	98.2	98.2
>=300	60.5	84.9	88.7	91.5	93.6	94.7	96.5	97.8	97.8	98.7	98.7	98.7	98.7	98.7	99.5	99.5	99.5	99.5
>=200	60.5	84.9	88.7	91.5	93.6	94.7	96.7	98.0	98.0	98.6	98.6	98.6	98.6	98.6	99.7	99.7	99.7	99.7
>=100	60.5	84.9	88.7	91.5	93.6	94.7	96.7	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.9	99.9	99.9	99.9
>=0	60.5	84.9	88.7	91.5	93.6	94.7	96.7	98.0	98.0	99.0	99.0	99.0	99.0	99.0	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/4
UNLIMIT	45.6	53.6	54.1	54.5	54.6	54.6	54.8	54.8	54.8	54.8
>=20000	50.9	60.3	60.8	61.1	61.3	61.3	61.5	61.5	61.5	61.5
>=18000	51.2	60.6	61.1	61.4	61.6	61.6	61.8	61.8	61.8	61.8
>=16000	51.5	60.9	61.4	61.8	61.9	61.9	62.1	62.1	62.1	62.1
>=14000	52.7	62.6	63.1	63.4	63.6	63.6	63.8	63.8	63.9	63.9
>=12000	53.8	63.8	64.4	64.7	64.9	64.9	65.1	65.1	65.2	65.2
>=10000	54.8	65.4	66.1	66.4	66.6	66.6	66.8	66.8	66.9	66.9
>=9000	55.1	66.2	67.1	67.5	67.7	67.7	68.0	68.0	68.0	68.0
>=8000	55.8	67.4	68.3	68.7	68.8	68.9	69.1	69.1	69.2	69.2
>=7000	56.5	68.9	70.0	70.4	70.5	70.6	70.8	70.9	71.0	71.0
>=6000	57.0	69.7	70.8	71.2	71.4	71.5	71.7	71.9	72.0	72.0
>=5000	58.2	71.5	72.6	73.0	73.3	73.4	73.7	73.8	73.9	73.9
>=4500	59.6	73.2	74.3	74.8	75.2	75.3	75.5	75.7	75.7	75.7
>=4000	61.1	75.0	76.3	76.8	77.2	77.3	77.5	77.6	77.7	77.7
>=3500	63.1	77.7	79.1	79.6	80.0	80.1	80.3	80.5	80.6	80.6
>=3000	64.7	80.0	81.5	82.0	82.4	82.6	82.9	83.2	83.3	83.3
>=2500	66.0	82.1	83.7	84.3	84.8	85.0	85.3	85.7	85.8	85.8
>=2000	67.2	84.9	86.6	87.3	87.9	88.2	88.6	89.0	89.1	89.1
>=1800	67.4	85.3	87.1	87.9	88.4	88.7	89.3	89.6	89.6	89.6
>=1500	68.0	86.9	88.8	89.6	90.2	90.6	91.2	91.4	91.5	91.5
>=1200	68.4	87.7	89.9	90.9	91.6	91.9	92.7	92.9	93.0	93.0
>=1000	68.8	88.5	90.8	91.9	92.7	93.0	94.1	94.3	94.4	94.4
>=900	69.0	89.2	91.5	92.6	93.4	93.7	94.8	95.0	95.1	95.1
>=800	69.1	89.6	91.9	93.2	94.1	94.6	95.7	96.0	96.1	96.1
>=700	69.2	89.7	92.1	93.3	94.4	95.0	96.2	96.5	96.6	96.6
>=600	69.2	89.9	92.3	93.7	94.9	95.6	97.0	97.3	97.4	97.4
>=500	69.2	90.0	92.5	93.9	95.2	95.9	97.4	97.8	98.0	98.0
>=400	69.2	90.1	92.5	94.0	95.2	96.0	98.6	99.0	99.2	99.2
>=300	69.2	90.1	92.5	94.2	95.4	96.2	98.8	99.3	99.5	99.5
>=200	69.2	90.2	92.6	94.2	95.5	96.3	99.0	99.6	99.8	99.8
>=100	69.2	90.2	92.6	94.2	95.5	96.3	98.2	99.0	99.8	99.8
>=0	69.2	90.2	92.6	94.2	95.5	96.3	98.2	99.0	99.8	99.8

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)										
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/8	>=1/16
UNLIMIT	44.2	54.9	55.5	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.1
>=20000	49.6	62.1	62.8	63.1	63.2	63.3	63.4	63.4	63.4	63.4	63.4
>=18000	50.2	62.6	63.3	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.9
>=16000	50.5	63.0	63.7	63.9	64.1	64.2	64.3	64.3	64.3	64.3	64.4
>=14000	51.8	64.4	65.1	65.4	65.6	65.7	65.7	65.7	65.7	65.7	65.8
>=12000	52.6	65.8	66.6	66.8	67.1	67.2	67.3	67.3	67.3	67.3	67.4
>=10000	53.8	67.4	68.2	68.4	68.7	68.8	69.0	69.0	69.0	69.0	69.0
>=9000	54.7	68.9	69.7	70.0	70.4	70.5	70.7	70.7	70.7	70.7	70.7
>=8000	55.1	70.0	71.0	71.4	71.7	71.8	72.0	72.0	72.0	72.0	72.0
>=7000	56.1	71.7	72.9	73.3	73.7	73.9	74.0	74.0	74.0	74.0	74.1
>=6000	57.4	73.0	74.2	74.7	75.1	75.3	75.4	75.4	75.4	75.4	75.5
>=5000	58.6	75.1	76.4	77.0	77.4	77.6	77.7	77.7	77.7	77.7	77.8
>=4500	59.4	76.3	77.6	78.3	79.0	79.2	79.3	79.3	79.3	79.3	79.4
>=4000	60.7	78.3	79.7	80.5	81.1	81.6	81.7	81.7	81.7	81.7	81.8
>=3500	61.8	80.2	81.7	82.6	83.2	83.6	83.8	83.8	83.8	83.8	83.9
>=3000	62.4	81.5	83.2	84.0	84.7	85.3	85.4	85.4	85.4	85.4	85.5
>=2500	63.2	83.1	84.9	85.9	86.8	87.3	87.4	87.4	87.4	87.4	87.5
>=2000	64.1	84.4	86.3	87.3	88.1	88.4	88.9	89.1	89.2	89.2	89.2
>=1800	64.5	85.1	87.0	88.0	88.8	89.1	89.6	89.8	89.9	89.9	89.9
>=1500	65.1	86.4	88.3	89.5	90.2	90.6	91.2	91.4	91.6	91.6	91.6
>=1200	65.7	87.3	89.6	90.8	91.6	91.9	92.5	92.9	93.0	93.1	93.1
>=1000	65.7	88.0	90.4	91.9	92.9	93.4	94.3	94.8	94.5	94.6	94.6
>=900	65.7	88.2	90.8	92.3	93.3	93.9	94.9	95.3	95.7	95.9	95.9
>=800	65.7	88.2	90.8	92.3	93.3	93.9	94.9	95.3	95.7	95.9	95.9
>=700	65.7	88.8	91.4	92.9	94.1	94.7	95.9	96.4	96.8	96.9	96.9
>=600	65.7	89.1	91.8	93.6	94.9	95.5	97.1	97.6	98.1	98.2	98.2
>=500	65.7	89.2	91.9	93.9	95.1	95.9	97.4	98.2	98.7	98.8	98.8
>=400	65.7	89.2	91.9	93.9	95.2	96.0	97.8	98.6	99.3	99.5	99.5
>=300	65.7	89.2	91.9	93.9	95.2	96.0	97.9	98.8	99.5	99.8	99.8
>=200	65.7	89.3	92.0	94.0	95.3	96.1	98.1	98.9	99.7	99.8	100.0
>=100	65.7	89.3	92.0	94.0	95.3	96.1	98.1	98.9	99.7	99.8	100.0
>= 0	65.7	89.3	92.0	94.0	95.3	96.1	98.1	98.9	99.7	99.8	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	44.1	57.4	59.0	59.4	59.9	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=20000	49.3	64.2	65.9	66.5	66.9	67.1	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=18000	49.4	64.3	65.9	66.6	67.1	67.3	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>=16000	49.7	64.6	66.3	66.9	67.4	67.6	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=14000	51.2	66.4	68.3	68.9	69.5	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>=12000	52.3	68.4	70.3	71.1	71.7	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=10000	53.6	70.4	72.5	73.3	73.9	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>=9000	54.0	71.3	73.6	74.3	74.9	75.1	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>=8000	54.7	72.5	74.8	75.6	76.2	76.3	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=7000	55.6	74.1	76.7	77.5	78.2	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=6000	56.3	75.4	78.0	78.9	79.7	80.0	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=5000	57.6	77.1	79.8	80.7	81.5	81.9	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=4500	57.9	78.2	81.1	82.1	82.9	83.2	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>=4000	58.6	79.2	82.1	83.1	83.9	84.3	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>=3500	59.3	80.3	83.2	84.2	85.0	85.4	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=3000	59.6	80.8	83.6	84.7	85.5	86.0	86.6	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=2500	60.3	81.9	84.9	85.9	86.9	87.4	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>=2000	60.4	82.6	85.7	87.1	88.2	88.7	89.7	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>=1800	60.5	82.7	85.9	87.2	88.4	88.9	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=1500	60.6	83.6	86.8	88.3	89.5	90.0	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>=1200	60.7	84.2	87.5	89.0	90.4	90.9	91.8	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=1000	61.0	85.2	88.4	89.9	91.4	91.9	92.9	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=900	61.0	85.3	88.6	90.2	91.8	92.4	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=800	61.0	85.6	88.9	90.6	92.2	92.9	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=700	61.1	85.8	89.2	91.1	92.9	93.5	94.7	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=600	61.1	86.2	89.7	91.6	93.6	94.3	95.6	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
>=500	61.1	86.3	89.9	91.9	94.1	94.9	96.3	96.9	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3
>=400	61.1	86.4	90.0	92.1	94.5	95.5	97.2	98.0	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5
>=300	61.1	86.5	90.1	92.2	94.9	95.9	97.7	98.5	98.5	99.0	99.2	99.2	99.2	99.2	99.2	99.2
>=200	61.1	86.5	90.1	92.3	95.0	96.0	97.9	98.8	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>=100	61.1	86.5	90.1	92.3	95.0	96.0	98.0	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>=0	61.1	86.5	90.1	92.3	95.0	96.0	98.0	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1301

CI3880 : CHARLESTON, SC
PERIOD OF RECD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 8C 02W ELEV. : 46 FT
MONTH : MAR
HOUR : 2200 LST

2 - CEILING VS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	44.9	59.9	61.7	62.7	63.4	63.5	63.5	63.5	63.5	63.6	63.7	63.7	63.8	63.8	64.0	64.1
>=20000	48.0	64.4	66.3	67.4	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6	68.6	68.7	68.8
>=18000	48.2	64.7	66.5	67.6	68.4	68.4	68.5	68.5	68.5	68.6	68.7	68.7	68.8	68.8	69.0	69.0
>=16000	48.5	65.0	66.8	67.9	68.7	68.7	68.8	68.8	68.8	68.9	69.0	69.0	69.1	69.1	69.3	69.4
>=14000	49.3	66.0	67.8	69.0	69.7	69.8	69.9	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.4	70.4
>=12000	50.6	67.9	69.7	70.9	71.7	71.7	71.8	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.3	72.4
>=10000	51.5	69.4	71.3	72.4	73.3	73.3	73.5	73.5	73.5	73.6	73.7	73.7	73.8	73.8	74.0	74.0
>=9000	51.9	70.5	72.4	73.6	74.4	74.5	74.7	74.7	74.7	74.7	74.8	74.8	75.0	75.0	75.1	75.2
>=8000	52.6	71.9	73.9	75.1	76.0	76.0	76.2	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.7	76.8
>=7000	53.5	73.5	75.7	76.9	77.9	78.0	78.1	78.2	78.2	78.3	78.3	78.3	78.5	78.5	78.6	78.7
>=6000	54.2	75.0	77.2	78.5	79.5	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.2	80.2	80.3	80.4
>=5000	55.1	76.7	79.0	80.3	81.3	81.3	81.8	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.3	82.4
>=4500	55.5	77.6	80.2	81.6	82.6	82.6	83.1	83.2	83.2	83.3	83.3	83.3	83.5	83.5	83.6	83.7
>=4000	56.1	78.8	81.4	82.8	83.8	83.9	84.3	84.4	84.4	84.5	84.6	84.6	84.7	84.7	84.9	84.9
>=3500	56.3	79.3	82.1	83.5	84.5	84.6	85.0	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.6	85.6
>=3000	56.7	80.0	82.7	84.1	85.1	85.2	85.6	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.2	86.3
>=2500	57.1	81.0	83.9	85.3	86.5	86.6	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.6	87.6
>=2000	57.5	82.2	85.2	86.8	88.0	88.1	88.6	88.6	88.6	88.7	88.8	88.8	88.9	88.9	89.1	89.2
>=1800	57.5	82.4	85.4	87.0	88.3	88.4	88.9	88.9	88.9	89.0	89.1	89.1	89.2	89.2	89.4	89.5
>=1500	57.7	82.6	85.7	87.4	88.9	89.0	89.5	89.6	89.6	89.6	89.7	89.7	89.9	89.9	90.0	90.1
>=1200	57.8	83.3	86.5	88.2	89.6	89.8	90.4	90.6	90.6	90.6	90.7	90.7	90.9	90.9	91.0	91.1
>=1000	57.8	83.7	87.0	88.7	90.2	90.4	91.2	91.5	91.5	91.6	91.7	91.7	91.9	91.9	92.0	92.1
>=900	57.9	84.3	87.6	89.3	90.9	91.0	91.8	92.1	92.1	92.2	92.3	92.3	92.5	92.5	92.6	92.7
>=800	57.9	84.9	88.3	90.1	91.8	91.9	92.7	93.0	93.0	93.2	93.2	93.2	93.4	93.4	93.5	93.6
>=700	58.1	85.3	88.7	90.5	92.2	92.5	93.3	93.7	93.7	93.9	93.9	93.9	94.1	94.1	94.2	94.3
>=600	58.3	85.6	89.2	91.3	93.0	93.3	94.3	94.7	94.7	94.9	94.9	94.9	95.1	95.1	95.2	95.3
>=500	58.3	86.0	89.6	91.7	93.7	94.0	95.1	95.5	95.5	95.7	95.8	95.8	95.9	95.9	96.1	96.2
>=400	58.4	86.4	90.0	92.5	94.6	95.0	96.4	96.8	96.8	97.0	97.1	97.1	97.2	97.2	97.4	97.5
>=300	58.4	86.5	90.1	92.9	95.1	95.5	97.2	97.7	97.7	97.9	98.0	98.0	98.2	98.2	98.3	98.4
>=200	58.4	86.5	90.1	92.9	95.2	95.6	97.4	97.9	97.9	98.3	98.5	98.5	98.7	98.7	98.8	98.9
>=100	58.4	86.5	90.1	92.9	95.2	95.8	97.5	98.0	98.0	98.6	98.9	98.9	99.3	99.3	99.6	99.7
=	58.4	86.5	90.1	92.9	95.2	95.8	97.5	98.0	98.0	98.6	98.9	98.9	99.3	99.3	99.7	100.0

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

Q13860 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : MAR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	41.2	53.7	55.2	56.2	56.9	57.0	57.3	57.4	57.5	57.6	57.7	57.7	57.9	57.9	58.0	58.1
>=20000	44.9	58.6	60.5	61.5	62.3	62.4	62.7	62.8	62.9	63.1	63.1	63.1	63.3	63.3	63.4	63.6
>=18000	45.1	59.1	60.8	61.8	62.6	62.7	63.0	63.2	63.2	63.4	63.4	63.4	63.6	63.6	63.7	63.9
>=16000	45.3	59.3	61.0	62.1	62.9	63.0	63.3	63.4	63.5	63.7	63.7	63.7	63.9	63.9	64.0	64.2
>=14000	46.3	60.7	62.5	63.6	64.4	64.5	64.8	64.9	65.0	65.2	65.2	65.2	65.4	65.4	65.5	65.7
>=12000	47.4	62.4	64.2	65.4	66.3	66.4	66.8	66.9	66.9	67.1	67.2	67.2	67.3	67.4	67.5	67.6
>=10000	48.4	64.0	66.0	67.2	68.1	68.2	68.6	68.7	68.8	69.0	69.0	69.0	69.2	69.2	69.3	69.5
>=9000	49.0	65.1	67.1	68.4	69.3	69.4	69.8	70.0	70.0	70.2	70.3	70.3	70.4	70.5	70.6	70.7
>=8000	49.5	66.2	68.4	69.6	70.6	70.7	71.1	71.3	71.3	71.5	71.6	71.6	71.7	71.8	71.9	72.1
>=7000	50.4	67.8	70.1	71.4	72.5	72.7	73.1	73.3	73.3	73.5	73.6	73.6	73.8	73.8	73.9	74.1
>=6000	51.1	68.9	71.3	72.7	73.7	73.9	74.4	74.6	74.6	74.8	74.9	74.9	75.1	75.1	75.2	75.4
>=5000	52.2	70.8	73.3	74.7	75.8	76.0	76.5	76.7	76.8	77.0	77.1	77.1	77.2	77.3	77.4	77.6
>=4500	52.8	71.9	74.4	75.9	77.0	77.2	77.8	78.0	78.0	78.3	78.3	78.3	78.5	78.5	78.7	78.8
>=4000	53.6	73.1	75.7	77.2	78.4	78.6	79.2	79.4	79.4	79.7	79.7	79.7	79.9	79.9	80.0	80.2
>=3500	54.4	74.3	77.0	78.6	79.7	80.0	80.6	80.8	80.8	81.0	81.1	81.1	81.3	81.3	81.4	81.6
>=3000	55.0	75.4	78.2	79.8	81.0	81.3	81.6	82.2	82.3	82.5	82.6	82.6	82.7	82.8	82.9	83.1
>=2500	55.6	76.7	79.6	81.3	82.6	82.9	83.6	83.9	83.9	84.1	84.2	84.2	84.4	84.4	84.5	84.7
>=2000	56.2	78.0	81.0	82.8	84.2	84.5	85.2	85.5	85.5	85.8	85.9	85.9	86.1	86.1	86.2	86.4
>=1800	56.5	78.4	81.4	83.3	84.7	85.0	85.7	86.1	86.1	86.4	86.5	86.5	86.6	86.7	86.8	87.0
>=1500	56.9	79.3	82.4	84.4	85.9	86.2	87.0	87.3	87.3	87.6	87.7	87.7	87.9	87.9	88.0	88.2
>=1200	57.3	80.2	83.5	85.5	87.0	87.4	88.3	88.6	88.6	89.0	89.0	89.0	89.2	89.2	89.4	89.6
>=1000	57.6	81.0	84.3	86.5	88.1	88.4	89.4	89.8	89.9	90.2	90.3	90.3	90.5	90.5	90.7	90.9
>=900	57.7	81.5	84.9	87.1	88.7	89.1	90.2	90.6	90.7	91.0	91.1	91.1	91.3	91.3	91.5	91.7
>=800	57.8	82.0	85.5	87.8	89.6	90.0	91.2	91.6	91.6	92.0	92.1	92.1	92.3	92.3	92.5	92.7
>=700	58.0	82.5	86.1	88.5	90.4	90.9	92.1	92.6	92.6	93.0	93.1	93.1	93.3	93.3	93.5	93.7
>=600	58.1	83.0	86.6	89.2	91.2	91.8	93.2	93.7	93.7	94.1	94.2	94.2	94.4	94.4	94.6	94.8
>=500	58.2	83.3	87.0	89.7	91.8	92.4	94.0	94.6	94.6	95.1	95.2	95.2	95.4	95.4	95.6	95.8
>=400	58.2	83.5	87.2	90.1	92.4	93.1	94.9	95.6	95.7	96.2	96.4	96.4	96.6	96.6	96.8	97.0
>=300	58.2	83.6	87.4	90.4	92.9	93.6	95.6	96.5	96.6	97.3	97.5	97.5	97.8	97.8	98.0	98.2
>=200	58.2	83.6	87.4	90.5	93.0	93.8	95.9	96.9	97.0	97.9	98.2	98.3	98.6	98.6	98.8	99.1
>=100	58.2	83.6	87.4	90.5	93.0	93.8	95.9	96.9	97.0	98.1	98.4	98.5	98.9	99.0	99.4	99.8
>=0	58.2	83.6	87.4	90.5	93.0	93.8	95.9	96.9	97.0	98.1	98.4	98.5	98.9	99.0	99.5	100.0

TOTAL NO. OF OBS : 10413

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0100 LST

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

16 PT.	1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	%	MEAN
DIR.																		SPEED
N	1.0			1.9			1.3	.9	.0	.0	.0	.0	.0	.0	.0	5.2		6.7
NNE	.7			1.9			1.3	.2	.0	.0	.0	.0	.0	.0	.0	4.1		5.8
NE	1.0			2.2			1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.9		5.9
ENE	.3			1.3			1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.6		7.3
E	.6			2.1			.6	.2	.0	.0	.0	.0	.0	.0	.0	3.5		5.6
ESE	.2			1.0			.6	.1	.0	.0	.0	.0	.0	.0	.0	1.9		6.4
SE	1.0			1.7			1.3	.2	.2	.0	.0	.0	.0	.0	.0	4.4		5.9
SSE	1.0			2.5			1.3	.2	.1	.0	.0	.0	.0	.0	.0	5.1		5.6
S	1.7			4.0			2.4	2.0	.2	.0	.0	.0	.0	.0	.0	10.3		7.1
SSW	1.1			4.1			5.7	1.8	.3	.1	.0	.1	.0	.0	.0	13.3		8.0
SW	.6			2.4			4.5	1.5	.1	.0	.0	.0	.0	.0	.0	9.1		8.1
WSW	.5			1.8			2.6	.7	.0	.0	.0	.0	.0	.0	.0	5.6		7.1
W	.4			1.9			2.5	.8	.0	.0	.0	.0	.0	.0	.0	5.6		7.5
WNW	.4			1.0			2.5	.9	.0	.2	.0	.0	.0	.0	.0	4.9		8.8
NW	.2			1.2			1.1	.6	.0	.0	.0	.0	.0	.0	.0	3.1		7.2
NNW	.5			.4			1.3	.3	.0	.0	.0	.0	.0	.0	.0	2.5		7.4
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9		.0
ALL	11.3			31.6			32.1	11.0	.8	.2	.0	.1	.0	.0	.0	100.0		6.2

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0400 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6			4.0			1.7	.7	.2	.0	.0	.0	.0	.0	.0	8.1	5.9
NNE	.9			2.1			2.5	.6	.0	.0	.0	.0	.0	.0	.0	6.0	6.6
NE	.8			2.6			2.9	.3	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
ENE	.4			1.3			.9	.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.8
E	1.1			1.0			.6	.1	.0	.0	.0	.0	.0	.0	.0	2.8	5.0
ESE	.6			.8			.2	.2	.1	.0	.0	.0	.0	.0	.0	2.0	6.1
SE	.6			.9			.5	.2	.2	.0	.0	.0	.0	.0	.0	2.2	5.7
SSE	.6			.6			1.1	.4	.2	.0	.0	.0	.0	.0	.0	2.9	8.0
S	1.0			3.2			1.3	.6	.1	.0	.0	.0	.0	.0	.0	6.2	6.3
SSW	1.0			1.9			3.3	1.7	.0	.2	.0	.0	.0	.0	.0	8.0	8.0
SW	.9			2.2			6.1	1.0	.0	.0	.0	.0	.0	.0	.0	10.2	7.6
WSW	.9			2.0			4.6	.9	.1	.0	.0	.0	.0	.0	.0	8.4	7.6
W	.3			2.0			3.5	1.2	.2	.1	.0	.0	.0	.0	.0	7.3	8.3
WNW	.5			1.3			1.6	.6	.2	.0	.0	.0	.0	.0	.0	4.0	7.8
NW	.4			1.3			1.0	.3	.1	.0	.0	.0	.0	.0	.0	3.2	6.9
NNW	1.3			2.4			.9	.5	.0	.0	.0	.0	.0	.0	.0	5.0	5.9
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	.0
ALL	12.9			29.4			32.8	9.4	1.2	.3	.0	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0700 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.6	2.1	2.3	.5	.7	.0	.0	.0	.0	.0	.0	6.5	6.1
NNE	1.2	2.3	2.9	1.6	.0	.0	.0	.0	.0	.0	.0	7.9	7.4
NE	.9	2.2	3.4	.7	.0	.0	.0	.0	.0	.0	.0	7.2	7.1
ENE	.3	1.7	1.2	.5	.0	.0	.0	.0	.0	.0	.0	3.7	6.9
E	.6	1.5	.9	.2	.1	.0	.0	.0	.0	.0	.0	3.3	6.3
ESE	.8	1.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.6
SE	.4	1.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.5
SSE	.5	1.6	.7	.2	.1	.0	.0	.0	.0	.0	.0	3.1	6.3
S	.6	1.9	1.5	.7	.2	.0	.0	.0	.0	.0	.0	4.9	7.1
SSW	.6	2.0	2.7	1.5	.2	.1	.0	.0	.0	.0	.0	7.1	8.3
SW	1.0	1.4	4.0	1.1	.1	.2	.0	.0	.0	.0	.0	7.9	8.1
WSW	.6	1.6	4.0	2.2	.2	.0	.0	.0	.0	.0	.0	8.5	8.8
W	.7	1.9	4.8	2.1	.2	.0	.0	.0	.0	.0	.0	9.7	8.5
WNW	.6	1.3	1.7	.8	.0	.1	.0	.0	.0	.0	.0	4.5	7.6
NW	.3	1.4	.8	.6	.2	.0	.0	.0	.0	.0	.0	3.3	7.7
NNW	.6	1.7	1.9	.6	.0	.0	.0	.0	.0	.0	.0	4.8	7.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.6	.0
ALL	11.3	27.4	34.7	13.6	1.1	.3	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 32W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1000 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL	
	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	.2	1.1	2.8	2.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	9.8
NNE	.2	1.0	2.8	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	9.4
NE	.2	1.0	2.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	8.6
ENE	.1	1.2	2.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	9.3
E	.3	1.3	2.6	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	8.8
ESE	.4	1.1	1.5	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.9
SE	.0	.6	1.3	1.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	10.1
SSE	.2	.5	1.7	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	10.2
S	.4	1.1	2.1	2.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	10.2
SSW	.2	1.4	2.5	3.2	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	11.4
SW	.4	.9	3.4	3.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	10.6
WSW	.1	1.0	3.3	4.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.1	11.0
W	.2	1.0	3.2	3.6	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.4	11.8
WNW	.1	1.4	2.0	2.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	10.7
NW	.2	.8	1.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	9.5
NNW	.1	.6	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	10.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
ALL	3.2	16.1	38.0	34.4	6.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	100.0	10.2

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .25

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.1	1.1	2.1	1.9	.4	.0	.0	.0	.0	.0	.0	5.6	10.0				
NNE	.0	1.1	1.4	1.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.6				
NE	.2	.7	1.4	.2	.0	.0	.0	.0	.0	.0	.0	2.5	7.6				
NNE	.2	.9	1.6	1.2	.3	.0	.0	.0	.0	.0	.0	4.1	9.5				
E	.2	.6	1.6	2.6	.2	.0	.0	.0	.0	.0	.0	5.2	10.8				
ESE	.3	.6	2.1	2.9	.1	.0	.0	.0	.0	.0	.0	6.0	10.3				
SE	.1	1.0	2.3	2.9	.6	.1	.0	.0	.0	.0	.0	8.0	10.8				
SSE	.2	1.0	2.9	2.0	.4	.1	.0	.0	.0	.0	.0	6.5	10.1				
S	.1	1.1	2.8	4.0	.9	.2	.0	.0	.0	.0	.0	9.0	11.7				
SSW	.2	.6	1.6	5.1	1.1	.5	.1	.0	.0	.0	.0	9.4	13.0				
SW	.2	.5	2.4	3.4	1.2	.2	.0	.0	.0	.0	.0	7.9	12.5				
WSW	.0	.9	2.1	3.6	.6	.4	.2	.0	.0	.0	.0	7.9	12.7				
W	.2	.7	2.5	4.0	1.1	.6	.0	.0	.0	.0	.0	9.0	12.7				
WNW	.1	.6	1.7	2.9	1.3	.2	.0	.0	.0	.0	.0	6.7	12.7				
NW	.1	.6	1.4	2.1	.2	.0	.0	.0	.0	.0	.0	4.4	10.7				
NNW	.1	.7	1.5	1.4	.1	.1	.0	.0	.0	.0	.0	3.9	9.8				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0				
ALL	2.1	12.7	32.7	41.3	8.3	2.2	.2	.0	.0	.0	.0	100.0	11.3				

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	
N	.0	.5	1.9	1.2	.2	.0	.1	.0	.0	.0	.0	10.7
NNE	.1	.2	.9	.6	.1	.0	.0	.0	.0	.0	.0	9.9
NE	.0	.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	9.9
NNE	.1	.0	1.4	.7	.0	.0	.0	.0	.0	.0	.0	10.0
E	.1	.2	2.2	2.6	.1	.0	.0	.0	.0	.0	.0	11.0
ESE	.0	.7	2.3	4.1	.2	.0	.0	.0	.0	.0	.0	11.1
SE	.0	.6	7.7	5.6	.2	.0	.0	.0	.0	.0	.0	11.1
SSE	.1	.9	3.7	4.8	.3	.0	.1	.0	.0	.0	.0	11.2
S	.2	.9	4.1	10.1	1.0	.5	.0	.0	.0	.0	.0	12.3
SSW	.1	.5	2.5	6.3	1.7	.2	.0	.0	.0	.0	.0	13.1
SW	.0	.4	1.3	2.6	.6	.1	.0	.0	.0	.0	.0	12.3
WSW	.0	.2	1.4	2.5	.7	.2	.2	.0	.0	.0	.0	13.8
W	.0	.2	1.3	3.5	1.0	.5	.0	.0	.0	.0	.0	13.6
WNW	.0	.2	1.1	4.0	1.3	.3	.0	.0	.0	.0	.0	14.1
NW	.1	.3	.8	1.6	.2	.0	.0	.0	.0	.0	.0	11.7
NNW	.0	.6	1.4	1.4	.1	.0	.0	.0	.0	.0	.0	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	.7	6.5	31.1	51.9	7.7	1.7	.3	.0	.0	.0	.0	12.0

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.4	1.2	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.7			
NNE	.2	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.7	7.6			
NE	.0	1.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.8			
ENE	.0	.4	2.3	1.1	.1	.0	.0	.0	.0	.0	.0	.0	3.9	9.9			
E	.4	1.3	3.6	.9	.2	.0	.1	.0	.0	.0	.0	.0	6.4	8.5			
ESE	.6	1.7	3.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.9	7.3			
SE	.6	2.9	4.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	8.0	7.1			
SSE	1.2	4.1	4.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	11.0	6.9			
S	.5	4.4	11.0	4.0	.2	.1	.1	.1	.0	.0	.0	.0	20.2	8.7			
SSW	.2	1.7	7.3	4.0	.4	.2	.0	.0	.0	.0	.0	.0	13.8	9.7			
SW	.2	.5	3.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.6	8.2			
WSW	.1	1.2	2.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.0	8.3			
W	.1	1.3	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	5.0	8.5			
WNW	.4	.8	1.2	1.3	.2	.0	.0	.0	.0	.0	.0	.0	4.0	9.0			
NW	.0	.6	.6	.2	.0	.0	.0	.1	.0	.0	.0	.0	1.4	9.3			
NNW	.1	1.0	.9	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.2	7.4			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0			
ALL	4.8	25.2	49.4	16.8	1.7	.4	.2	.2	.0	.0	.0	.0	100.0	8.2			

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : APR
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	.6	.6	1.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	2.7	7.9
NNE	.2	1.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.6
NE	.5	1.3	1.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	3.5	7.3
ENE	.2	1.8	1.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	4.3	7.3
E	.6	2.5	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.0
ESE	.9	2.9	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.6	5.9
SE	.9	3.3	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.8
SSE	1.7	3.4	1.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	7.5	5.9
S	2.9	7.1	5.1	1.7	.1	.1	.0	.0	.0	.0	.0	.0	17.1	6.5
SSW	1.0	5.1	6.5	1.9	.6	.1	.0	.0	.0	.0	.0	.0	15.2	7.9
SW	.3	3.4	3.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	8.4	7.4
WSW	.4	1.3	2.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.9	7.5
W	.2	1.1	1.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	4.4	8.6
WNW	.1	.6	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	9.5
NW	.3	.1	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.4	8.8
NNW	.1	.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	.0
ALL	11.0	36.5	34.2	9.7	1.5	.3	.0	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL Σ	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.7	1.6	1.8	1.1	.1	.0*	.0*	.0	.0	.0	.0	5.2	7.8				
NNE	.4	1.4	1.7	.6	.0*	.0	.0	.0	.0	.0	.0	4.2	7.6				
NE	.4	1.4	1.9	.5	.0	.0*	.0	.0	.0	.0	.0	4.3	7.2				
ENE	.2	1.1	1.6	.9	.1	.0	.0	.0	.0	.0	.0	3.8	8.4				
E	.5	1.3	1.8	1.0	.1	.0	.0*	.0	.0	.0	.0	4.7	8.1				
ESE	.5	1.3	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	4.7	8.3				
SE	.4	1.6	2.1	1.4	.1	.0*	.0	.0	.0	.0	.0	5.6	8.5				
SSE	.7	1.8	2.2	1.3	.2	.0*	.0*	.0	.0	.0	.0	6.2	8.2				
S	.9	3.0	7.8	3.2	.4	.1	.0*	.0*	.0	.0	.0	11.4	8.9				
SSW	.5	2.2	4.0	3.2	.7	.2	.0*	.0*	.0	.0	.0	10.8	9.8				
SW	.5	1.5	3.6	1.8	.4	.1	.0	.0	.0	.0	.0	7.7	9.2				
WSW	.3	1.3	2.9	1.9	.3	.1	.0*	.0	.0	.0	.0	6.7	9.7				
W	.3	1.3	2.8	2.1	.5	.2	.0*	.0	.0	.0	.0	7.1	10.2				
WNW	.3	.9	1.6	1.7	.5	.1	.0	.0	.0	.0	.0	5.0	10.5				
NW	.2	.8	1.0	.9	.1	.0	.0	.0*	.0	.0	.0	3.0	9.1				
NNW	.3	1.0	1.3	.8	.1	.0*	.0	.0	.0	.0	.0	3.5	8.2				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	.0				
ALL	7.2	23.2	35.6	23.5	3.6	.8	.1	.0*	.0	.0	.0	100.0	8.4				

TOTAL NO. OF OBS : 10079

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	42.9	63.7	65.5	66.9	68.1	68.2	68.7	68.7	68.7	68.7	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.7	69.9
>=20000	44.8	66.6	68.7	70.2	71.4	71.5	72.0	72.1	72.1	72.1	72.4	72.6	72.6	72.6	72.7	72.7	72.7	73.0	73.3
>=18000	45.1	67.0	69.0	70.6	71.8	71.9	72.4	72.5	72.5	72.5	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.4	73.7
>=16000	45.2	67.1	69.2	70.7	72.0	72.1	72.5	72.6	72.6	72.6	72.9	73.2	73.2	73.2	73.3	73.3	73.3	73.6	73.8
>=14000	45.9	68.5	70.6	72.1	73.3	73.4	73.9	74.0	74.0	74.0	74.3	74.5	74.5	74.5	74.6	74.6	74.6	74.9	75.2
>=12000	47.5	70.7	72.8	74.4	75.6	75.7	76.2	76.3	76.3	76.3	76.6	76.8	76.8	76.8	76.9	76.9	76.9	77.2	77.5
>=10000	48.7	72.7	74.8	76.4	77.7	77.8	78.3	78.3	78.3	78.3	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.3	79.5
>= 9000	49.6	74.0	76.1	77.8	79.0	79.1	79.6	79.7	79.7	79.7	80.0	80.2	80.2	80.2	80.3	80.3	80.3	80.6	80.9
>= 8000	50.6	75.8	77.9	79.5	80.8	80.9	81.3	81.4	81.4	81.4	81.7	82.0	82.0	82.0	82.1	82.1	82.1	82.4	82.6
>= 7000	51.2	76.8	78.9	80.6	81.8	81.9	82.4	82.5	82.5	82.5	82.8	83.0	83.0	83.0	83.1	83.1	83.1	83.4	83.7
>= 6000	51.9	78.2	80.3	82.0	83.3	83.3	83.8	83.9	83.9	83.9	84.2	84.4	84.4	84.4	84.5	84.5	84.5	84.8	85.1
>= 5000	52.5	79.8	82.1	83.7	85.1	85.2	85.6	85.8	85.8	85.8	86.1	86.3	86.3	86.3	86.4	86.4	86.4	86.7	87.0
>= 4500	52.9	80.5	82.9	84.5	86.0	86.1	86.6	86.7	86.7	86.7	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.7	88.0
>= 4000	53.0	81.0	83.4	85.1	86.6	86.7	87.2	87.4	87.4	87.4	87.7	87.9	87.9	87.9	88.0	88.0	88.0	88.3	88.6
>= 3500	53.3	81.6	84.1	85.8	87.4	87.5	88.0	88.2	88.2	88.2	88.5	88.7	88.7	88.7	88.8	88.8	88.8	89.1	89.4
>= 3000	53.5	82.1	84.8	86.6	88.2	88.3	88.8	89.0	89.0	89.0	89.3	89.5	89.5	89.5	89.7	89.7	89.7	90.0	90.2
>= 2500	53.6	82.5	85.2	87.1	88.8	88.9	89.5	89.7	89.7	89.7	90.0	90.2	90.2	90.2	90.4	90.4	90.4	90.7	91.0
>= 2000	53.9	83.7	86.3	88.3	90.1	90.2	90.8	91.0	91.0	91.0	91.3	91.5	91.5	91.5	91.7	91.7	91.7	92.0	92.2
>= 1800	54.0	84.1	86.9	88.9	90.6	90.7	91.3	91.5	91.5	91.5	91.8	92.1	92.1	92.1	92.2	92.2	92.2	92.5	92.8
>= 1500	54.0	84.7	87.6	89.7	91.4	91.5	92.1	92.3	92.3	92.3	92.6	92.9	92.9	92.9	93.0	93.0	93.0	93.3	93.6
>= 1200	54.3	85.2	88.3	90.3	92.1	92.1	92.8	92.9	92.9	92.9	93.3	93.5	93.5	93.5	93.7	93.7	93.7	94.0	94.2
>= 1000	54.6	86.0	89.0	91.2	92.9	93.0	93.7	93.9	93.9	93.9	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.9	95.2
>= 900	54.7	86.3	89.3	91.5	93.3	93.4	94.1	94.3	94.3	94.3	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.3	95.6
>= 800	54.7	86.5	89.5	91.8	93.7	93.8	94.5	94.7	94.7	94.7	95.0	95.2	95.2	95.2	95.4	95.4	95.4	95.7	96.0
>= 700	54.7	86.7	89.8	92.1	94.1	94.2	95.1	95.2	95.2	95.2	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.3	96.5
>= 600	54.7	86.7	90.0	92.5	94.6	94.8	95.7	95.9	95.9	95.9	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.9	97.1
>= 500	54.8	87.1	90.3	92.8	94.9	95.1	96.2	96.3	96.3	96.3	96.7	96.9	96.9	96.9	97.1	97.1	97.1	97.4	97.6
>= 400	54.8	87.1	90.4	92.9	95.3	95.5	96.6	96.7	96.7	96.7	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.8	98.0
>= 300	54.8	87.2	90.6	93.1	95.7	95.9	97.1	97.4	97.4	97.4	97.7	97.9	97.9	97.9	98.1	98.1	98.1	98.4	98.7
>= 200	54.9	87.3	90.6	93.2	95.8	96.0	97.3	97.6	97.6	97.6	98.1	98.3	98.3	98.3	98.7	98.7	98.7	99.0	99.3
>= 100	54.9	87.3	90.6	93.2	95.8	96.0	97.3	97.7	97.7	97.7	98.3	98.6	98.6	98.6	99.0	99.0	99.0	99.4	99.8
>= 0	54.9	87.3	90.6	93.2	95.8	96.0	97.3	97.7	97.7	97.7	98.3	98.7	98.7	98.7	99.1	99.1	99.1	99.5	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	36.7	57.4	60.2	62.3	63.3	64.3	64.4	64.4	64.4	64.9	64.9	64.9	65.1	65.1	65.3	65.3
>=20000	38.3	60.2	63.2	65.3	66.3	67.3	67.4	67.4	67.4	67.9	67.9	67.9	68.1	68.1	68.3	68.3
>=18000	38.6	60.5	63.5	65.6	66.6	67.6	67.7	67.7	67.7	68.3	68.3	68.3	68.4	68.4	68.7	68.7
>=16000	38.7	60.7	63.7	65.9	66.8	67.9	67.9	67.9	67.9	68.6	68.6	68.6	68.7	68.7	69.0	69.0
>=14000	39.5	62.3	65.3	67.5	68.4	69.4	69.5	69.5	69.5	70.2	70.2	70.2	70.3	70.3	70.6	70.6
>=12000	40.1	63.4	66.6	69.0	70.0	71.0	71.1	71.1	71.1	71.7	71.7	71.7	71.9	71.9	72.1	72.1
>=10000	41.0	64.9	68.2	70.6	71.6	72.6	72.7	72.7	72.7	73.3	73.3	73.3	73.5	73.5	73.7	73.7
>=9000	41.7	66.3	69.7	72.1	73.3	74.3	74.4	74.4	74.4	75.0	75.0	75.0	75.2	75.2	75.4	75.4
>=8000	42.5	67.9	71.3	73.7	74.9	76.0	76.0	76.0	76.0	76.7	76.7	76.7	76.9	76.9	77.1	77.1
>=7000	43.1	69.0	72.7	75.2	76.3	77.4	77.5	77.5	77.5	78.2	78.2	78.2	78.3	78.3	78.6	78.6
>=6000	43.5	69.6	73.4	75.9	77.1	78.1	78.2	78.2	78.2	79.0	79.0	79.0	79.1	79.1	79.4	79.4
>=5000	43.7	70.6	74.5	77.0	78.3	79.2	79.3	79.3	79.3	80.1	80.1	80.1	80.2	80.2	80.5	80.5
>=4500	44.3	71.7	75.6	78.1	79.3	80.3	80.4	80.4	80.4	81.2	81.2	81.2	81.3	81.3	81.6	81.6
>=4000	44.6	72.4	76.3	78.8	80.0	81.0	81.1	81.1	81.1	81.9	81.9	81.9	82.1	82.1	82.3	82.3
>=3500	44.8	72.9	76.8	79.5	80.7	81.7	81.8	81.8	81.8	82.6	82.6	82.6	82.8	82.8	83.0	83.0
>=3000	44.8	73.5	77.6	80.4	81.6	82.7	82.7	82.7	82.7	83.5	83.5	83.5	83.7	83.7	83.9	83.9
>=2500	44.9	74.1	78.3	81.3	82.7	83.8	83.9	83.9	83.9	84.7	84.7	84.7	84.8	84.8	85.1	85.1
>=2000	45.3	75.1	79.3	82.3	83.7	84.9	85.0	85.0	85.0	85.8	85.8	85.8	86.0	86.0	86.2	86.2
>=1800	45.3	75.3	79.6	82.7	84.1	85.4	85.5	85.5	85.5	86.3	86.3	86.3	86.4	86.4	86.7	86.7
>=1500	45.8	76.0	80.3	83.6	85.0	86.3	86.3	86.3	86.3	87.1	87.1	87.1	87.4	87.4	87.6	87.6
>=1200	46.3	77.1	81.7	85.0	86.4	87.8	87.9	87.9	87.9	88.7	88.7	88.7	88.9	88.9	89.1	89.1
>=1000	46.6	77.6	82.4	85.7	87.2	88.6	88.7	88.7	88.7	89.5	89.5	89.5	89.8	89.8	90.0	90.0
>=900	46.8	78.5	83.3	86.7	88.2	89.6	89.7	89.7	89.7	90.6	90.6	90.6	90.8	90.8	91.0	91.0
>=800	47.0	79.1	83.9	87.3	88.9	90.1	90.4	90.6	90.6	91.4	91.4	91.4	91.7	91.7	91.9	91.9
>=700	47.0	79.2	84.0	87.5	89.2	90.7	90.9	90.9	90.9	91.7	91.7	91.7	92.0	92.0	92.2	92.2
>=600	47.1	79.6	84.5	88.1	89.8	91.3	91.5	91.5	91.5	92.4	92.4	92.4	92.6	92.6	92.9	92.9
>=500	47.1	79.9	84.8	88.5	90.4	92.1	92.2	92.2	92.2	93.1	93.1	93.1	93.3	93.3	93.6	93.6
>=400	47.1	80.3	85.2	89.1	91.1	92.9	93.1	93.1	93.1	94.0	94.0	94.0	94.2	94.2	94.4	94.4
>=300	47.1	80.5	85.5	89.5	91.6	93.6	93.8	93.8	93.8	94.9	94.9	94.9	95.2	95.2	95.4	95.4
>=200	47.1	80.5	85.6	89.8	91.8	94.1	94.2	94.2	94.2	95.6	95.6	95.6	95.9	95.9	96.3	96.3
>=100	47.1	80.5	85.6	89.8	91.8	94.1	94.3	94.3	94.3	95.7	95.7	95.7	96.0	96.0	96.6	96.6
>=0	47.1	80.5	85.6	89.8	91.8	94.1	94.3	94.3	94.3	95.7	95.7	95.7	96.0	96.0	96.7	96.7

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.8	51.7	55.3	57.7	58.3	58.5	59.4	59.8	59.8	60.2	60.4	60.4	60.4	60.4	60.9	60.9	61.0	61.3
>=20000	38.3	56.0	59.8	62.3	63.3	63.4	64.4	64.8	64.8	65.4	65.6	65.6	65.6	65.6	66.1	66.1	66.3	66.7
>=18000	38.7	56.4	60.2	62.8	63.7	63.9	64.8	65.3	65.3	65.9	66.0	66.0	66.0	66.0	66.6	66.6	66.8	67.2
>=16000	38.7	56.5	60.4	63.1	64.0	64.2	65.2	65.7	65.7	66.3	66.4	66.4	66.4	66.4	67.0	67.0	67.2	67.6
>=14000	40.1	58.8	62.9	65.6	66.6	66.7	67.8	68.3	68.3	68.8	69.0	69.0	69.0	69.0	69.5	69.5	69.8	70.2
>=12000	41.0	60.5	64.8	67.7	68.9	69.1	70.2	70.7	70.7	71.3	71.4	71.4	71.4	71.4	72.0	72.0	72.2	72.7
>=10000	41.6	61.7	66.1	69.0	70.4	70.6	71.7	72.2	72.2	72.8	72.9	72.9	72.9	72.9	73.5	73.5	73.8	74.3
>= 9000	42.1	62.5	67.0	69.9	71.3	71.6	72.7	73.2	73.2	73.7	73.9	73.9	73.9	73.9	74.4	74.4	74.8	75.2
>= 8000	42.5	63.7	68.3	71.3	72.7	73.0	74.2	74.7	74.7	75.2	75.4	75.4	75.4	75.4	76.0	76.0	76.3	76.8
>= 7000	42.9	65.0	69.6	72.9	74.3	74.6	75.8	76.3	76.3	76.8	77.0	77.0	77.0	77.0	77.6	77.6	77.9	78.4
>= 6000	43.2	65.5	70.7	73.8	75.2	75.5	76.7	77.2	77.2	77.8	77.9	77.9	77.9	77.9	78.6	78.6	79.0	79.4
>= 5000	43.4	66.4	71.7	74.9	76.3	76.6	77.9	78.3	78.3	78.9	79.0	79.0	79.0	79.0	79.7	79.8	80.1	80.6
>= 4500	43.6	67.1	72.4	75.6	77.0	77.3	78.6	79.0	79.0	79.6	79.8	79.8	79.8	79.8	80.4	80.5	80.8	81.3
>= 4000	43.9	67.7	73.0	76.3	77.6	77.9	79.2	79.7	79.7	80.2	80.4	80.4	80.4	80.4	81.0	81.1	81.4	81.9
>= 3500	44.0	68.2	73.6	76.8	78.2	78.5	79.8	80.2	80.2	80.8	81.0	81.0	81.0	81.0	81.6	81.7	82.0	82.5
>= 3000	44.4	68.8	74.4	77.7	79.1	79.4	80.8	81.3	81.3	81.8	82.0	82.0	82.0	82.0	82.6	82.7	83.0	83.5
>= 2500	44.7	69.7	75.4	78.7	80.2	80.5	81.8	82.4	82.4	83.0	83.2	83.2	83.2	83.2	83.8	83.9	84.2	84.7
>= 2000	44.9	70.6	76.5	80.0	81.4	81.9	83.2	83.9	83.9	84.5	84.7	84.7	84.7	84.7	85.3	85.4	85.7	86.2
>= 1800	45.1	71.1	77.1	80.7	82.1	82.6	84.0	84.6	84.6	85.2	85.4	85.4	85.4	85.4	86.0	86.1	86.4	86.9
>= 1500	45.5	72.0	78.1	81.8	83.4	83.9	85.4	86.0	86.0	86.6	86.7	86.7	86.7	86.7	87.4	87.5	87.8	88.3
>= 1200	45.9	73.1	79.3	83.0	84.7	85.2	86.7	87.2	87.2	87.9	88.0	88.0	88.0	88.0	88.7	88.7	89.0	89.5
>= 1000	46.3	74.1	80.4	84.4	86.0	86.6	88.1	88.7	88.7	89.3	89.4	89.4	89.4	89.4	90.1	90.2	90.5	91.0
>= 900	46.7	74.6	80.9	84.8	86.6	87.1	88.7	89.2	89.2	89.8	90.1	90.1	90.1	90.1	90.7	90.8	91.1	91.6
>= 800	46.9	75.3	81.7	85.6	87.5	88.0	89.6	90.2	90.2	90.8	91.0	91.0	91.0	91.0	91.7	91.7	92.1	92.5
>= 700	47.1	75.8	82.2	86.3	88.3	88.8	90.5	91.0	91.0	91.7	91.9	91.9	91.9	91.9	92.5	92.6	92.9	93.4
>= 600	47.1	76.1	82.5	86.7	88.6	89.4	91.1	91.7	91.7	92.3	92.6	92.6	92.6	92.6	93.3	93.3	93.7	94.1
>= 500	47.1	76.5	82.9	87.1	89.4	90.0	92.0	92.5	92.5	93.2	93.6	93.6	93.6	93.6	94.2	94.3	94.6	95.1
>= 400	47.1	76.6	83.0	87.1	89.5	90.2	92.6	93.3	93.3	94.1	94.5	94.5	94.5	94.5	95.2	95.2	95.6	96.0
>= 300	47.1	76.7	83.1	87.5	90.2	91.0	93.7	94.4	94.4	95.5	96.0	96.0	96.0	96.0	96.6	96.7	97.1	97.6
>= 200	47.1	76.7	83.1	87.5	90.2	91.0	93.7	94.5	94.5	95.7	96.3	96.3	96.3	96.3	96.9	97.1	97.8	98.7
>= 100	47.1	76.7	83.1	87.5	90.2	91.0	93.7	94.8	94.8	96.0	96.7	96.7	96.7	96.7	97.5	97.9	98.7	99.8
>= 0	47.1	76.7	83.1	87.5	90.2	91.0	93.7	94.8	94.8	96.0	96.7	96.7	96.7	96.7	97.5	97.9	98.8	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : APR
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	49.8	59.3	59.9	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=20000	53.6	64.8	65.5	65.7	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=18000	53.7	65.0	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>=16000	53.9	65.2	65.9	66.1	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=14000	54.5	66.3	66.9	67.1	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=12000	56.0	68.2	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=10000	57.7	70.3	71.2	71.4	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=9000	58.0	70.9	71.7	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=8000	58.6	71.7	72.7	73.1	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=7000	59.6	73.1	74.2	74.7	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=6000	60.3	74.4	75.6	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=5000	60.8	75.2	76.5	77.1	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>=4500	61.0	75.5	76.8	77.5	77.8	77.8	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>=4000	62.1	76.8	78.3	79.0	79.3	79.3	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>=3500	63.0	77.9	79.3	80.0	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>=3000	64.8	80.2	81.7	82.4	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=2500	66.7	82.7	84.2	84.9	85.4	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=2000	68.7	85.8	87.4	88.1	88.8	88.8	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=1800	69.1	86.5	88.1	88.8	89.5	89.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>=1500	70.3	88.3	90.0	90.9	91.7	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>=1200	71.0	90.0	91.9	92.9	93.8	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>=1000	71.1	90.7	92.8	93.8	94.8	95.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=900	71.2	91.0	93.3	94.4	95.3	95.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=800	71.2	91.2	93.5	94.7	95.7	96.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=700	71.3	91.7	94.0	95.3	96.6	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=600	71.3	91.7	94.1	95.5	96.7	97.1	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
>=500	71.3	91.7	94.2	95.7	97.1	97.5	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
>=400	71.4	91.9	94.4	96.0	97.4	97.8	99.4	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
>=300	71.4	91.9	94.4	96.0	97.4	97.8	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9
>=200	71.4	91.9	94.4	96.0	97.4	97.8	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>=100	71.4	91.9	94.4	96.0	97.4	97.8	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
>=0	71.4	91.9	94.4	96.0	97.4	97.8	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 D2W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	50.7	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=20000	55.3	64.4	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
>=18000	55.5	64.6	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>=16000	55.6	64.7	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=14000	56.3	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>=12000	57.5	67.3	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=10000	58.6	68.7	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=9000	58.8	69.5	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=8000	59.5	70.9	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=7000	60.2	71.8	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=6000	60.7	73.0	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>=5000	62.7	75.3	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=4500	63.7	76.3	77.0	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>=4000	65.6	78.3	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=3500	68.1	81.3	82.0	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>=3000	71.3	85.4	86.3	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=2500	73.0	87.9	88.8	89.0	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>=2000	75.2	91.3	92.2	92.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=1800	75.4	91.7	92.7	93.1	93.8	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1500	75.9	92.9	93.9	94.4	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=1200	76.0	93.4	94.7	95.3	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	76.1	94.0	95.2	96.0	97.0	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=900	76.3	94.4	95.8	96.6	97.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=800	76.4	94.7	96.1	97.1	98.1	98.3	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=700	76.4	94.8	96.3	97.2	98.3	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=600	76.4	94.8	96.3	97.3	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=500	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=400	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=300	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=200	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=100	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=0	76.4	94.8	96.3	97.4	98.6	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	51.9	62.5	63.6	63.9	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=20000	57.3	69.7	70.8	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=18000	57.6	70.0	71.2	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>=16000	57.8	70.2	71.4	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=14000	58.9	71.4	72.6	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>=12000	60.1	73.2	74.3	74.7	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>=10000	61.2	74.8	76.2	76.5	76.7	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>= 9000	61.8	76.2	77.5	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>= 8000	62.9	77.5	79.1	79.4	79.7	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>= 7000	63.9	78.9	80.5	80.9	81.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 6000	64.6	80.1	81.8	82.2	82.4	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 5000	66.2	81.7	83.4	83.9	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>= 4500	67.0	82.7	84.4	84.8	85.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 4000	67.6	83.7	85.5	85.9	86.4	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>= 3500	68.6	85.2	87.1	87.6	88.1	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 3000	69.9	87.1	89.1	89.6	90.2	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 2500	70.7	88.3	90.4	90.9	91.5	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>= 2000	71.3	90.1	92.2	92.7	93.3	93.5	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 1800	71.6	90.5	92.6	93.1	93.7	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>= 1500	72.0	91.5	93.8	94.3	95.0	95.2	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 1200	72.3	92.1	94.4	95.1	95.9	96.3	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>= 1000	72.3	92.4	94.8	95.6	96.6	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>= 900	72.4	92.7	95.2	96.0	97.1	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 800	72.5	92.9	95.6	96.3	97.5	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>= 700	72.5	92.9	95.6	96.4	97.7	98.0	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 600	72.5	92.7	95.6	96.4	97.7	98.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 500	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 400	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 300	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	72.5	92.9	95.6	96.5	98.1	98.4	99.4	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	52.1	64.9	66.1	66.8	67.3	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>=20000	57.3	72.4	73.6	74.3	74.8	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>=18000	57.6	72.8	74.0	74.7	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=16000	58.2	73.5	74.7	75.4	75.9	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=14000	59.1	74.5	75.8	76.5	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>=12000	60.4	76.3	77.7	78.5	79.0	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=10000	61.2	78.0	79.4	80.2	81.0	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=9000	61.7	79.3	80.9	81.7	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=8000	62.2	80.5	82.1	82.9	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=7000	62.7	81.5	83.2	84.0	84.8	84.9	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>=6000	63.2	82.1	83.7	84.6	85.4	85.5	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=5000	63.7	82.9	84.6	85.5	86.3	86.4	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
>=4500	64.0	83.8	85.5	86.4	87.3	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=4000	64.4	84.4	86.2	87.1	88.1	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=3500	64.9	85.1	87.0	87.9	89.0	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=3000	65.3	85.8	87.8	88.7	89.8	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>=2500	65.6	86.7	88.6	89.5	90.6	90.7	91.0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>=2000	66.0	87.6	89.5	90.4	91.5	91.6	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=1800	66.5	88.6	90.4	91.3	92.2	92.3	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>=1500	66.9	89.0	91.0	91.9	92.8	93.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>=1200	67.0	89.4	91.3	92.2	93.1	93.2	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=1000	67.1	89.9	91.8	92.7	93.6	93.7	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=900	67.4	90.9	92.5	93.4	94.3	94.4	95.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=800	67.5	91.2	93.0	93.9	94.8	94.9	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=700	67.6	91.5	93.3	94.2	95.1	95.2	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=600	67.6	91.6	93.4	94.3	95.2	95.3	96.7	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=500	67.6	91.7	93.5	94.4	95.3	95.4	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>=400	67.7	91.8	93.6	94.5	95.4	95.5	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=300	67.7	91.9	93.7	94.6	95.5	95.6	97.0	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=200	67.7	92.0	93.8	94.7	95.6	95.7	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>=100	67.7	92.1	93.9	94.8	95.7	95.8	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=0	67.7	92.2	94.0	94.9	95.8	95.9	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : APR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	49.7	66.1	67.7	69.0	69.3	69.3	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
>=20000	53.1	71.5	73.2	74.6	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=18000	53.3	71.9	73.7	75.1	75.4	75.4	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7
>=16000	53.9	72.5	74.4	75.8	76.1	76.1	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
>=14000	54.5	73.4	75.3	76.7	77.1	77.1	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4	77.4	77.4
>=12000	56.2	75.6	77.7	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8
>=10000	56.7	77.1	79.2	80.6	81.0	81.0	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
>= 9000	57.2	78.2	80.3	81.7	82.1	82.1	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 8000	57.8	79.4	81.7	83.3	83.7	83.7	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1
>= 7000	58.3	80.4	82.7	84.4	84.8	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>= 6000	59.0	81.5	83.9	85.7	86.3	86.3	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7
>= 5000	59.4	82.4	84.8	86.7	87.2	87.2	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
>= 4500	59.6	83.1	85.6	87.4	87.9	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>= 4000	59.8	83.6	86.0	87.9	88.5	88.5	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
>= 3500	59.9	84.2	86.7	88.7	89.2	89.2	89.4	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
>= 3000	60.2	85.0	87.8	89.8	90.4	90.4	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 2500	60.6	85.6	88.5	90.6	91.1	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5
>= 2000	60.9	86.2	89.3	91.3	91.9	91.9	92.2	92.2	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
>= 1800	61.0	86.3	89.4	91.6	92.1	92.1	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
>= 1500	61.2	87.1	90.2	92.4	93.1	93.1	93.4	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7
>= 1200	61.3	87.6	91.0	93.2	94.0	94.0	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
>= 1000	61.4	88.0	91.6	93.8	94.8	94.8	95.1	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
>= 900	61.5	88.1	91.7	94.0	95.0	95.0	95.4	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
>= 800	61.6	88.4	92.0	94.4	95.5	95.5	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 700	61.7	88.6	92.2	95.0	96.0	96.0	96.5	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>= 600	61.7	89.0	92.7	95.6	96.8	96.8	97.5	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
>= 500	61.7	89.1	92.9	96.0	97.1	97.1	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
>= 400	61.7	89.3	93.1	96.3	97.5	97.5	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
>= 300	61.7	89.3	93.1	96.4	97.7	97.7	98.7	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>= 200	61.7	89.3	93.1	96.4	97.7	97.7	98.9	99.2	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
>= 100	61.7	89.3	93.1	96.4	97.7	97.7	98.9	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>= 0	61.7	89.3	93.1	96.4	97.7	97.7	98.9	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	46.2	60.4	62.1	63.1	63.6	63.7	64.0	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.8
>=20000	49.8	65.7	67.4	68.5	69.1	69.1	69.5	69.6	69.8	69.8	69.8	69.9	69.9	70.1	70.3
>=18000	50.0	66.0	67.8	68.9	69.4	69.5	69.8	69.9	70.1	70.2	70.2	70.3	70.3	70.5	70.6
>=16000	50.2	66.3	68.1	69.2	69.7	69.8	70.2	70.3	70.5	70.5	70.5	70.7	70.7	70.9	71.0
>=14000	51.1	67.6	69.4	70.5	71.1	71.1	71.5	71.6	71.8	71.9	71.9	72.0	72.0	72.2	72.3
>=12000	52.4	69.4	71.3	72.5	73.1	73.2	73.6	73.7	73.9	73.9	73.9	74.0	74.0	74.2	74.4
>=10000	53.3	71.0	73.0	74.2	74.9	75.0	75.4	75.5	75.7	75.7	75.7	75.9	75.9	76.1	76.2
>=9000	53.9	72.1	74.1	75.4	76.0	76.1	76.5	76.6	76.8	76.9	76.9	77.0	77.0	77.2	77.4
>=8000	54.6	73.4	75.6	76.9	77.5	77.6	78.1	78.2	78.4	78.5	78.5	78.6	78.6	78.8	78.9
>=7000	55.2	74.6	76.8	78.1	78.8	78.9	79.4	79.5	79.7	79.8	79.8	79.9	79.9	80.1	80.3
>=6000	55.8	75.5	77.9	79.3	80.0	80.1	80.5	80.6	80.9	80.9	80.9	81.0	81.1	81.3	81.4
>=5000	56.6	76.8	79.2	80.6	81.3	81.4	81.9	82.0	82.3	82.3	82.3	82.4	82.5	82.7	82.8
>=4500	57.0	77.6	80.0	81.4	82.2	82.3	82.8	82.9	83.1	83.2	83.2	83.3	83.3	83.5	83.7
>=4000	57.6	78.5	80.9	82.4	83.2	83.3	83.8	83.9	84.2	84.3	84.3	84.4	84.4	84.6	84.8
>=3500	58.4	79.5	82.1	83.5	84.4	84.5	85.0	85.1	85.4	85.5	85.5	85.6	85.6	85.8	86.0
>=3000	59.3	81.0	83.7	85.2	86.1	86.2	86.8	86.9	87.1	87.2	87.2	87.3	87.3	87.6	87.7
>=2500	60.0	82.2	85.0	86.6	87.5	87.6	88.2	88.4	88.6	88.7	88.7	88.8	88.8	89.1	89.2
>=2000	60.8	83.8	86.6	88.3	89.3	89.5	90.2	90.3	90.6	90.6	90.6	90.8	90.8	91.0	91.1
>=1800	61.0	84.2	87.1	88.8	89.9	90.0	90.7	90.9	91.1	91.2	91.2	91.3	91.3	91.6	91.7
>=1500	61.4	85.1	88.1	89.9	91.1	91.2	91.9	92.1	92.4	92.4	92.4	92.6	92.6	92.8	93.0
>=1200	61.7	85.9	89.1	90.9	92.2	92.4	93.1	93.2	93.5	93.6	93.6	93.7	93.7	94.0	94.1
>=1000	62.0	86.5	89.8	91.7	93.0	93.3	94.0	94.2	94.5	94.6	94.6	94.7	94.7	95.0	95.1
>=900	62.1	86.9	90.2	92.3	93.6	93.8	94.6	94.8	95.1	95.2	95.2	95.3	95.4	95.6	95.7
>=800	62.2	87.3	90.6	92.7	94.1	94.4	95.3	95.4	95.8	95.9	95.9	96.0	96.0	96.2	96.4
>=700	62.3	87.5	90.9	93.1	94.6	94.9	95.8	96.0	96.3	96.4	96.4	96.6	96.6	96.8	96.9
>=600	62.3	87.7	91.1	93.4	94.9	95.2	96.3	96.5	96.9	97.0	97.0	97.1	97.1	97.3	97.5
>=500	62.3	87.9	91.3	93.6	95.3	95.6	96.8	97.0	97.4	97.5	97.5	97.6	97.7	97.9	98.0
>=400	62.3	88.0	91.4	93.8	95.6	95.9	97.2	97.4	97.9	98.0	98.0	98.1	98.1	98.4	98.5
>=300	62.3	88.0	91.5	94.0	95.8	96.1	97.4	97.9	98.4	98.5	98.5	98.6	98.6	98.9	99.0
>=200	62.4	88.0	91.5	94.0	95.8	96.2	97.6	98.0	98.6	98.8	98.8	98.9	99.0	99.2	99.4
>=100	62.4	88.0	91.5	94.0	95.8	96.2	97.7	98.0	98.7	98.9	98.9	99.1	99.2	99.5	99.8
>=0	62.4	88.0	91.5	94.0	95.8	96.2	97.7	98.0	98.7	98.9	98.9	99.1	99.2	99.6	100.0

TOTAL NO. OF OPS : 10079

1 - (REFUGEE AREA)

41380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL		MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>=56	%	WIND	SPEED
N	1.2	2.8	1.4	.4	.2	.0	.0	.0	.0	.0	.0	5.9	6.1	
NNE	1.1	2.4	1.6	.4	.1	.0	.0	.0	.0	.0	.0	5.5	6.1	
NNE	1.1	3.0	1.7	.3	.0	.0	.0	.0	.0	.0	.0	6.1	5.9	
ENE	.6	1.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	3.5	5.7	
E	.3	1.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.0	
ESE	.7	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.2	
SE	1.0	2.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	
SSE	.8	2.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	4.4	5.8	
S	2.4	6.6	4.1	1.2	.0	.0	.0	.0	.0	.0	.0	14.3	6.2	
SSW	1.1	5.2	3.5	.6	.0	.0	.0	.0	.0	.0	.0	11.0	6.4	
SW	1.2	3.5	4.2	.6	.0	.0	.0	.0	.0	.0	.0	9.4	6.7	
WSW	.5	1.6	2.5	.2	.0	.0	.0	.0	.0	.0	.0	4.9	6.5	
W	.7	1.4	2.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.1	
WNW	.5	.4	.8	.5	.0	.0	.0	.0	.0	.0	.0	2.2	7.1	
NW	.5	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.2	
NNW	.3	1.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.5	6.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.8	.0	
ALL	13.8	38.9	26.8	5.3	.3	.0	.0	.0	.0	.0	.0	100.0	5.2	

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WIND

13880 : CHARLESTON, SC
 PERIOD OF RECOR : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0400 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N	1.5			4.3			1.8	.7	.1	.0	.0	.0	.0	.0	.0	8.3	6.0
NNE	1.2			3.8			2.2	.5	.1	.0	.0	.0	.0	.0	.0	7.8	6.4
NE	1.1			2.2			1.5	.5	.0	.0	.0	.0	.0	.0	.0	5.8	6.3
ENE	.7			1.5			.6	.2	.0	.0	.0	.0	.0	.0	.0	3.1	5.7
E	.7			.6			.5	.1	.0	.0	.0	.0	.0	.0	.0	1.8	4.9
ESE	.5			1.2			.5	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
SE	.4			1.7			.3	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.8
SSE	.7			2.0			.5	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.7
S	1.6			3.6			2.7	.5	.2	.0	.0	.0	.0	.0	.0	8.5	6.1
SSW	1.2			4.5			2.2	.4	.1	.0	.0	.0	.0	.0	.0	8.4	6.1
SW	1.1			3.8			2.1	.9	.0	.0	.0	.0	.0	.0	.0	8.8	6.6
WSW	.6			2.8			2.6	.5	.1	.0	.0	.0	.0	.0	.0	6.8	6.9
W	.5			2.1			2.5	.2	.0	.0	.0	.0	.0	.0	.0	5.7	6.8
WNW	1.2			1.8			.8	.2	.0	.0	.0	.0	.0	.0	.0	3.9	5.1
NW	1.0			1.8			.6	.2	.0	.0	.0	.0	.0	.0	.0	3.8	5.3
NNW	1.3			2.2			1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.8	5.2
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	.0
ALL	15.2			39.9			24.5	5.6	.5	.1	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0700 LST

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

16 PT.	DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	1.7	3.2		3.0	.8	.0	.0	.0	.0	.0	.0	.0	8.7	6.5	
NNE	.8	2.9		4.0	1.3	.2	.0	.0	.0	.0	.0	.0	9.2	7.8	
NE	.9	3.1		3.5	.8	.2	.0	.0	.0	.0	.0	.0	8.4	7.1	
NNE	.6	2.2		1.3	.5	.1	.0	.0	.0	.0	.0	.0	4.8	6.7	
E	.9	.9		.7	.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.7	
ESE	.3	.9		.6	.1	.0	.0	.0	.0	.0	.0	.0	1.9	5.6	
SE	.2	.9		.5	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.9	
SSE	.5	.6		.6	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.8	
S	.8	2.8		2.2	.5	.0	.0	.0	.0	.0	.0	.0	6.4	6.6	
SSW	.8	2.8		2.8	1.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.3	
SW	.8	2.7		4.2	.9	.1	.0	.0	.0	.0	.0	.0	8.7	7.4	
WSW	.5	2.5		5.5	1.3	.0	.0	.0	.0	.0	.0	.0	9.8	7.8	
W	.6	2.5		4.2	.4	.0	.0	.0	.0	.0	.0	.0	7.8	7.2	
WNW	.3	1.6		1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.8	7.1	
NW	.5	1.5		1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.3	
NNW	.6	2.9		1.0	.4	.1	.0	.0	.0	.0	.0	.0	5.0	5.9	
VAR	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	.0	
ALL	10.8	34.1		37.0	9.1	.6	.1	.0	.0	.0	.0	.0	100.0	6.4	

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1000 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.5	1.8	2.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	8.6
NNE	.4	1.4	3.8	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	9.0
NE	.2	1.2	3.5	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.8
ENE	.4	1.5	2.2	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.5
E	.2	1.2	1.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	9.1
ESE	.2	1.0	1.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.4
SE	.2	.5	1.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	8.9
SSE	.3	.6	1.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.4
S	.6	1.2	3.5	2.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	9.2
SSW	.8	1.7	2.7	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	9.1
SW	.1	1.9	4.2	2.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	9.3
WSW	.2	1.8	4.6	2.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.1
W	.4	1.1	4.2	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	9.5
WNW	.0	1.4	2.2	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	9.3
NW	.5	1.5	2.0	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.7
NNW	.6	.9	1.2	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0
ALL	5.5	20.6	44.2	25.3	2.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	.1	1.5	2.6	1.4	.1	.0	.0	.0	.0	.0	.0	5.7	9.1	
NNE	.2	1.2	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	4.6	8.8	
NE	.5	.7	1.5	1.1	.1	.0	.0	.0	.0	.0	.0	3.8	8.8	
ENE	.2	.8	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	3.5	9.4	
E	.2	.7	2.5	2.0	.1	.0	.0	.0	.0	.0	.0	5.4	10.1	
ESE	.5	1.0	2.6	2.5	.2	.0	.0	.0	.0	.0	.0	6.8	9.8	
SE	.2	.8	3.5	2.0	.3	.0	.0	.0	.0	.0	.0	6.7	10.1	
SSE	.1	1.0	3.4	2.9	.2	.1	.0	.0	.0	.0	.0	7.7	10.2	
S	.3	1.4	4.5	3.9	.5	.1	.0	.0	.0	.0	.0	10.7	10.2	
SSW	.5	1.5	3.8	3.3	.3	.1	.0	.0	.0	.0	.0	9.6	10.1	
SW	.2	.8	3.5	2.1	.3	.0	.0	.0	.0	.0	.0	6.8	9.7	
WSW	.2	1.6	2.5	2.9	.4	.1	.0	.0	.0	.0	.0	7.7	10.1	
W	.1	1.2	3.5	2.8	.6	.1	.0	.0	.0	.0	.0	8.3	10.7	
WNW	.2	.8	1.9	.9	.2	.0	.0	.0	.0	.0	.0	4.0	8.9	
NW	.2	.9	2.3	1.1	.1	.0	.0	.0	.0	.0	.0	4.5	9.0	
NNW	.2	.5	1.7	1.4	.3	.0	.0	.0	.0	.0	.0	3.8	9.1	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	
ALL	3.5	16.4	43.1	32.6	3.7	.4	.0	.0	.0	.0	.0	100.0	9.7	

TOTAL NO. OF OBS : 1302

NOTES : PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1600 LST

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

16 PT. DIR.	1 - 3	4	5 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.2	.8	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.7	9.6
NNE	.1	.7	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.6	8.3
NE	.2	.4	1.5	.7	.0	.1	.0	.0	.0	.0	.0	.0	2.8	9.6
ENE	.1	.5	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.1	9.9
E	.2	.7	1.9	2.8	.0	.0	.0	.0	.0	.0	.0	.0	5.6	10.5
ESE	.2	.4	3.5	3.7	.2	.0	.0	.0	.0	.0	.0	.0	8.0	10.5
SE	.3	1.1	7.7	4.3	.2	.0	.0	.0	.0	.0	.0	.0	9.6	10.2
SSE	.3	1.1	4.2	4.6	.4	.1	.0	.0	.0	.0	.0	.0	10.7	10.3
S	.1	1.2	7.1	10.1	.7	.0	.0	.0	.0	.0	.0	.0	19.2	11.2
SSW	.1	.8	7.6	5.1	.3	.1	.0	.0	.0	.0	.0	.0	10.2	11.0
SW	.1	.3	2.2	2.2	.2	.0	.0	.0	.0	.0	.0	.0	5.1	10.7
WSW	.2	.3	1.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	3.5	10.4
W	.0	.2	1.7	2.1	.6	.2	.0	.0	.0	.0	.0	.0	4.7	12.2
WNW	.0	.5	1.3	1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.4	10.5
NW	.1	.6	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.9
NNW	.1	.5	1.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	3.5	9.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0
ALL	2.2	10.1	39.7	44.0	3.2	.4	.0	.0	.0	.0	.0	.0	100.0	10.4

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

C13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1900 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	SPEED (KNOTS)							TOTAL	MEAN WIND SPEED
										22-27	28-33	34-40	41-47	48-55	>56			
N	.4	1.1	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.6
NNE	.0	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
NE	.0	1.1	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.8
ENE	.4	.8	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.7
E	.6	1.2	3.7	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	8.3
ESE	.8	1.8	4.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	7.3
SE	1.5	3.2	4.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.5
SSE	.8	5.5	5.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	6.9
S	.7	4.7	16.2	3.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.2	8.3
SSW	.4	2.3	6.9	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	8.3
SW	.4	.8	2.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.1
WSW	.2	1.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.3
W	.1	.8	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.5
WNW	.0	.3	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	8.2
NW	.2	.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.1
NNW	.2	.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	.0
ALL	6.6	26.4	52.2	13.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1300

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	.7	1.2	1.4	.4	.2	.0	.0	.0	.0	.0	.0	.0	3.8	7.2
NNE	.3	1.3	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	3.2	7.2
NE	.6	2.2	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.7
ENE	.3	2.2	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.4
E	.5	2.3	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.3
ESE	.8	2.4	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
SE	1.1	3.2	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.5
SSE	2.1	5.3	1.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.4
S	2.7	9.0	6.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	18.7	6.1
SSW	1.8	5.6	5.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	13.8	6.7
SW	.8	2.9	3.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.6
WSW	.3	.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.6
W	.2	1.4	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
WNW	.4	.7	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
NW	.2	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.6
NNW	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.3
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	12.8	41.6	30.1	5.5	.2	.0	.0	.0	.0	.0	.0	.0	9.8	5.7

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.8	2.1	2.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	6.1	7.4				
NNE	.5	1.9	2.0	.7	.1	.0*	.0	.0	.0	.0	.0	.0	5.3	7.6				
NE	.6	1.7	2.1	.7	.0*	.0*	.0	.0	.0	.0	.0	.0	5.1	7.5				
ENE	.4	1.4	1.4	.8	.0*	.0	.0	.0	.0	.0	.0	.0	4.0	7.5				
E	.5	1.2	1.6	1.1	.0*	.0	.0	.0	.0	.0	.0	.0	4.4	8.2				
ESE	.5	1.2	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.6	8.0				
SE	.6	1.7	2.0	1.0	.1	.0	.0	.0	.0	.0	.0	.0	5.4	7.7				
SSE	.7	2.3	2.3	1.3	.1	.0*	.0	.0	.0	.0	.0	.0	6.7	7.7				
S	1.2	3.8	5.8	2.8	.2	.0*	.0	.0	.0	.0	.0	.0	13.9	8.1				
SSW	.8	3.1	3.9	1.9	.2	.0*	.0	.0	.0	.0	.0	.0	9.9	8.1				
SW	.6	2.1	3.4	1.3	.1	.0	.0	.0	.0	.0	.0	.0	7.5	8.0				
WSW	.3	1.6	2.6	1.2	.1	.0*	.0	.0	.0	.0	.0	.0	5.8	8.2				
W	.3	1.3	2.6	1.1	.2	.0*	.0	.0	.0	.0	.0	.0	5.5	8.7				
WNW	.3	.9	1.2	.6	.1	.0*	.0	.0	.0	.0	.0	.0	3.2	8.0				
NW	.4	1.0	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	3.0	7.3				
NNW	.4	1.2	1.0	.6	.0*	.0*	.0	.0	.0	.0	.0	.0	3.3	7.1				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	.0				
ALL	6.8	28.5	37.2	17.6	1.4	.2	.0	.0	.0	.0	.0	.0	100.0	7.4				

TOTAL NO. OF OBS : 10409

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	36.3	59.9	63.0	65.3	66.1	66.1	67.1	67.1	67.1	67.3
>=20000	38.4	64.0	67.3	69.7	70.6	71.4	71.6	71.6	71.6	71.9
>=18000	38.4	64.3	67.6	70.0	70.9	71.7	71.9	71.9	71.9	72.2
>=16000	38.4	64.3	67.6	70.0	70.9	71.7	71.9	71.9	71.9	72.2
>=14000	39.1	65.7	69.0	71.5	72.4	73.2	73.4	73.4	73.4	73.6
>=12000	40.0	67.4	70.8	73.3	74.3	75.1	75.3	75.3	75.3	75.6
>=10000	41.2	69.6	73.4	76.1	77.2	77.9	78.2	78.2	78.2	78.4
>= 9000	42.0	71.2	74.9	77.6	78.7	79.5	79.7	79.7	79.7	79.9
>= 8000	42.7	73.2	76.9	79.7	80.9	81.6	81.9	81.9	81.9	82.1
>= 7000	43.9	74.6	78.3	81.1	82.2	83.0	83.2	83.2	83.2	83.5
>= 6000	44.3	75.4	79.2	81.9	83.1	83.9	84.1	84.1	84.1	84.3
>= 5000	45.0	76.6	80.3	83.2	84.3	85.1	85.3	85.3	85.3	85.5
>= 4500	45.2	76.9	80.7	83.6	84.7	85.5	85.7	85.7	85.7	85.9
>= 4000	45.3	77.2	81.0	83.9	85.0	85.8	86.0	86.0	86.0	86.2
>= 3500	45.5	77.6	81.5	84.4	85.5	86.3	86.5	86.5	86.5	86.7
>= 3000	45.6	78.3	82.3	85.3	86.5	87.3	87.5	87.5	87.5	87.8
>= 2500	46.0	79.2	83.2	86.5	87.7	88.5	88.8	88.8	88.8	89.0
>= 2000	46.4	80.1	84.3	87.8	88.9	89.9	90.1	90.1	90.1	90.3
>= 1800	46.5	80.2	84.5	87.9	89.1	90.1	90.2	90.2	90.2	90.5
>= 1500	46.8	81.0	85.5	89.1	90.2	91.2	91.5	91.5	91.5	91.7
>= 1200	46.9	81.7	86.2	90.0	91.2	92.2	92.5	92.5	92.5	92.8
>= 1000	47.0	82.2	86.9	90.8	92.1	93.1	93.4	93.4	93.4	93.7
>= 900	47.2	82.6	87.3	91.5	92.8	93.9	94.2	94.2	94.2	94.5
>= 800	47.3	83.0	87.7	92.0	93.3	94.4	94.8	94.8	94.8	95.1
>= 700	47.3	83.2	87.9	92.3	93.6	94.9	95.2	95.2	95.2	95.5
>= 600	47.3	83.6	88.3	92.9	94.3	95.6	95.8	95.8	95.8	96.2
>= 500	47.4	83.9	88.8	93.3	94.9	96.3	96.7	96.7	96.7	97.0
>= 400	47.4	84.1	89.2	93.8	95.3	96.8	97.2	97.2	97.2	97.5
>= 300	47.4	84.2	89.3	94.0	95.6	97.2	97.6	97.6	97.6	98.0
>= 200	47.4	84.2	89.3	94.1	95.8	97.3	97.8	97.8	97.8	98.2
>= 100	47.4	84.2	89.3	94.1	95.8	97.3	97.8	97.8	97.8	98.4
>= 0	47.4	84.2	89.3	94.1	95.8	97.3	97.8	97.8	97.8	98.4

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	30.0	53.8	57.5	59.8	61.4	61.5	62.6	62.7	62.8	63.3	63.4	63.4	64.4	64.4	65.0	65.6
>=20000	31.4	57.2	61.2	63.6	65.4	65.4	66.5	66.7	66.7	67.3	67.4	67.4	68.4	68.4	69.0	69.6
>=18000	31.4	57.3	61.3	63.7	65.4	65.5	66.6	66.7	66.8	67.4	67.4	67.4	68.4	68.5	69.0	69.7
>=16000	31.7	57.6	61.6	64.0	65.7	65.8	66.9	67.1	67.1	67.7	67.7	67.7	68.7	68.8	69.4	70.0
>=14000	32.7	59.1	63.2	65.6	67.4	67.4	68.5	68.7	68.7	69.3	69.4	69.4	70.4	70.4	71.0	71.7
>=12000	33.9	61.0	65.2	67.7	69.5	69.6	70.7	70.8	70.9	71.4	71.5	71.5	72.5	72.6	73.2	73.8
>=10000	34.6	63.4	67.8	70.4	72.2	72.3	73.6	73.7	73.9	74.4	74.5	74.5	75.5	75.6	76.2	76.8
>=9000	34.9	64.1	68.6	71.2	73.0	73.1	74.5	74.7	74.8	75.3	75.4	75.4	76.4	76.5	77.1	77.7
>=8000	35.4	65.3	70.0	72.7	74.6	74.7	76.0	76.2	76.3	76.9	77.0	77.0	78.0	78.0	78.6	79.3
>=7000	36.3	66.8	71.8	74.6	76.4	76.5	78.0	78.1	78.3	78.8	78.9	78.9	79.9	80.0	80.6	81.2
>=6000	36.6	67.6	72.6	75.3	77.2	77.3	78.7	78.9	79.0	79.6	79.6	79.6	80.6	80.7	81.3	82.0
>=5000	36.9	68.1	73.2	76.0	78.0	78.0	79.6	79.7	79.9	80.4	80.5	80.5	81.5	81.6	82.2	82.8
>=4500	37.1	68.7	73.7	76.6	78.5	78.6	80.1	80.3	80.4	81.0	81.0	81.0	82.0	82.1	82.7	83.3
>=4000	37.3	69.3	74.3	77.3	79.2	79.3	80.9	81.0	81.1	81.6	81.7	81.7	82.7	82.8	83.4	84.1
>=3500	37.3	69.7	74.9	77.8	79.8	79.9	81.4	81.6	81.7	82.3	82.3	82.3	83.3	83.4	84.0	84.7
>=3000	37.6	70.4	75.7	78.6	80.6	80.6	82.3	82.5	82.6	83.2	83.3	83.3	84.3	84.3	84.9	85.6
>=2500	37.8	71.0	76.3	79.5	81.6	81.6	83.5	83.6	83.8	84.3	84.4	84.4	85.4	85.5	86.1	86.8
>=2000	37.9	71.6	77.3	80.4	82.5	82.6	84.5	84.6	84.8	85.3	85.4	85.4	86.4	86.5	87.1	87.8
>=1800	38.1	72.1	77.9	81.0	83.1	83.2	85.1	85.3	85.4	85.9	86.0	86.0	87.0	87.1	87.7	88.4
>=1500	38.3	72.9	78.8	82.1	84.3	84.4	86.3	86.5	86.6	87.2	87.3	87.3	88.2	88.3	88.9	89.6
>=1200	38.8	74.0	80.1	83.4	85.6	85.7	87.6	87.8	87.9	88.5	88.6	88.6	89.6	89.6	90.2	90.9
>=1000	38.9	74.6	80.8	84.1	86.6	86.6	88.6	88.7	88.9	89.4	89.5	89.5	90.5	90.6	91.2	91.9
>=900	38.9	75.0	81.4	84.9	87.8	87.9	89.8	89.9	90.1	90.6	90.7	90.7	91.7	91.8	92.4	93.1
>=800	38.9	75.4	82.0	85.7	88.6	88.6	90.7	90.9	91.0	91.6	91.7	91.7	92.7	92.8	93.4	94.1
>=700	39.1	75.6	82.2	85.9	88.8	88.9	90.9	91.1	91.2	91.9	91.9	91.9	92.9	93.0	93.6	94.3
>=600	39.1	75.7	82.4	86.3	89.1	89.2	91.3	91.5	91.6	92.2	92.3	92.3	93.3	93.4	94.0	94.7
>=500	39.1	75.9	82.9	86.8	89.6	89.7	91.6	91.8	92.3	92.9	93.0	93.0	94.0	94.1	94.7	95.4
>=400	39.1	76.0	83.2	87.2	90.0	90.1	92.5	92.9	93.0	93.6	93.7	93.7	94.7	94.8	95.5	96.2
>=300	39.1	76.0	83.3	87.3	90.2	90.4	92.9	93.4	93.5	94.4	94.5	94.5	95.5	95.5	96.3	97.0
>=200	39.1	76.1	83.3	87.4	90.5	90.7	93.2	93.8	93.9	94.9	95.0	95.0	96.2	96.2	97.2	97.9
>=100	39.1	76.1	83.3	87.4	90.5	90.7	93.2	93.9	94.1	95.3	95.5	95.5	96.9	97.0	97.9	99.0
>=0	39.1	76.1	83.3	87.4	90.5	90.7	93.2	93.9	94.1	95.3	95.5	95.5	96.9	97.0	98.2	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	29.9	50.3	53.7	55.5	57.3	57.7	59.7	60.1	60.2	60.3	60.7	61.0	61.0	61.3	61.6
>=20000	32.1	55.4	58.9	60.9	62.8	63.3	65.3	65.9	65.9	66.2	66.6	66.8	66.9	67.3	67.5
>=18000	32.1	55.4	58.9	60.9	62.8	63.3	65.3	65.9	65.9	66.2	66.6	66.9	66.9	67.3	67.5
>=16000	32.3	55.6	59.2	61.2	63.1	63.6	65.6	66.2	66.3	66.6	66.9	67.2	67.3	67.6	67.9
>=14000	33.2	57.2	60.8	62.8	64.7	65.3	67.3	67.8	67.9	68.3	68.6	68.9	68.9	69.3	69.6
>=12000	34.7	59.6	63.6	65.6	67.9	68.3	70.5	71.2	71.3	71.6	72.0	72.3	72.3	72.7	72.9
>=10000	35.6	62.1	66.4	68.6	70.7	71.3	73.4	74.1	74.2	74.6	74.9	75.2	75.3	75.7	75.9
>=9000	36.2	62.9	67.4	69.6	71.8	72.3	74.5	75.2	75.2	75.7	76.1	76.4	76.5	76.9	77.1
>=8000	37.0	64.2	68.9	71.2	73.4	74.0	76.2	77.0	77.1	77.6	77.9	78.2	78.3	78.7	78.9
>=7000	37.4	65.0	69.8	72.3	74.5	75.1	77.3	78.2	78.2	78.7	79.1	79.4	79.5	79.9	80.1
>=6000	37.8	65.8	70.7	73.8	75.5	76.1	78.3	79.2	79.2	79.7	80.1	80.4	80.5	80.9	81.1
>=5000	38.2	66.3	71.3	74.3	76.2	76.8	79.2	80.1	80.2	80.6	81.0	81.3	81.4	81.8	82.0
>=4500	38.2	66.6	71.6	74.3	76.7	77.3	79.8	80.6	80.7	81.2	81.6	81.9	82.3	82.6	82.6
>=4000	38.4	66.9	72.1	74.8	77.2	77.9	80.3	81.2	81.2	81.7	82.1	82.4	82.5	82.9	83.1
>=3500	38.5	67.3	72.6	75.3	77.9	78.6	81.2	82.0	82.1	82.6	82.9	83.2	83.3	83.7	83.9
>=3000	38.3	68.1	73.5	76.3	78.9	79.6	82.2	83.0	83.1	83.6	83.9	84.2	84.3	84.7	84.9
>=2500	39.3	68.8	74.3	77.2	79.9	80.6	83.2	84.0	84.1	84.6	85.0	85.3	85.4	85.8	86.0
>=2000	39.4	69.0	74.5	77.6	80.2	81.1	83.6	84.5	84.6	85.2	85.5	85.9	85.9	86.3	86.5
>=1800	39.4	69.1	74.6	77.6	80.3	81.2	83.7	84.6	84.6	85.2	85.6	85.9	86.0	86.4	86.6
>=1500	39.8	70.2	75.7	78.8	81.6	82.5	85.1	85.9	86.0	86.6	87.0	87.3	87.4	87.9	88.1
>=1200	40.2	71.1	77.0	80.1	82.9	83.9	86.5	87.4	87.5	88.1	88.5	88.8	88.9	89.3	89.5
>=1000	40.5	72.1	78.0	81.3	84.1	85.1	87.9	88.7	88.8	89.4	89.8	90.1	90.2	90.6	90.9
>=900	40.8	72.7	78.9	82.2	85.0	86.1	88.9	89.9	89.9	90.5	90.9	91.2	91.3	91.8	92.0
>=800	41.1	73.3	79.7	83.1	85.9	86.9	89.6	90.8	90.9	91.5	91.9	92.2	92.2	92.7	92.9
>=700	41.3	73.9	80.3	83.8	86.7	87.9	90.6	91.8	91.9	92.5	92.9	93.2	93.2	93.7	93.9
>=600	41.5	74.3	80.7	84.2	87.1	88.3	91.4	92.3	92.4	93.0	93.4	93.7	93.9	94.3	94.5
>=500	41.6	74.5	80.9	84.5	87.5	88.9	92.1	93.1	93.2	94.0	94.4	94.7	94.9	95.4	95.6
>=400	41.6	74.7	81.3	85.0	88.2	89.7	93.2	94.3	94.4	95.2	95.6	95.9	96.1	96.6	96.8
>=300	41.6	74.8	81.4	85.2	88.5	90.1	93.7	95.0	95.1	96.0	96.4	96.7	96.8	97.5	97.8
>=200	41.6	74.8	81.4	85.2	88.8	90.3	94.0	95.4	95.5	96.5	96.9	97.5	97.7	98.5	99.1
>=100	41.6	74.8	81.4	85.2	88.8	90.3	94.0	95.4	95.5	96.5	97.1	97.7	97.9	98.7	99.7
>=0	41.6	74.8	81.4	85.2	88.9	90.3	94.0	95.4	95.5	96.5	97.1	97.7	98.0	98.9	100.0

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	43.1	54.8	55.8	55.9	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>=20000	47.0	60.0	61.1	61.4	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=18000	47.3	60.3	61.4	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=16000	47.3	60.3	61.4	61.7	62.0	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=14000	48.2	61.4	62.5	62.8	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=12000	49.5	63.5	64.6	65.0	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>=10000	50.5	65.2	66.3	66.7	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=9000	50.6	65.7	66.8	67.2	67.5	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=8000	51.3	66.8	68.0	68.5	68.9	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=7000	52.0	68.4	69.5	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=6000	52.3	69.0	70.2	70.7	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>=5000	52.8	69.8	71.0	71.5	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=4500	53.5	70.6	71.9	72.5	73.1	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=4000	53.8	71.0	72.3	72.9	73.5	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>=3500	54.7	72.1	73.4	74.0	74.6	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>=3000	56.8	74.6	76.1	76.8	77.5	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=2500	59.8	78.5	79.9	80.7	81.4	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=2000	62.6	82.2	83.8	84.7	85.4	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=1800	63.9	84.4	86.2	87.0	87.7	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>=1500	65.4	86.8	88.8	89.8	90.8	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1200	66.4	89.5	91.6	92.7	93.9	94.4	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>=1000	66.8	90.8	93.0	94.2	95.5	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=900	66.8	91.0	93.3	94.6	95.9	96.5	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>=800	66.9	91.4	93.8	95.2	96.4	97.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=700	67.0	91.6	94.2	95.5	96.8	97.5	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=600	67.0	91.7	94.2	95.6	96.8	97.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=500	67.1	91.8	94.5	96.1	97.4	98.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=400	67.1	91.8	94.5	96.2	97.6	98.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=300	67.1	91.8	94.5	96.2	97.6	98.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>=200	67.1	91.8	94.5	96.2	97.6	98.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>=100	67.1	91.8	94.5	96.2	97.6	98.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>=0	67.1	91.8	94.5	96.2	97.6	98.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1300

U13680 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : MAY
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	40.7	49.2	45.7	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
>=20000	46.1	56.1	56.7	56.8	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=18000	46.2	56.3	56.9	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=16000	46.6	56.8	57.5	57.6	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>=14000	47.0	57.5	58.1	58.3	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=12000	48.3	59.2	59.8	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>=10000	49.0	60.6	61.2	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 8000	49.8	61.7	62.3	62.5	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>= 7000	50.5	62.7	63.4	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 6000	51.3	64.0	64.6	64.8	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>= 5000	51.8	64.8	65.4	65.7	66.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>= 4500	54.1	67.8	68.5	68.8	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 4000	55.8	69.8	70.6	70.9	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>= 3500	57.8	72.5	73.2	73.7	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 3000	60.4	75.7	76.8	77.3	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 2500	64.5	81.6	82.8	83.4	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>= 2000	68.4	86.9	88.2	89.0	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1800	70.1	89.6	91.3	92.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
>= 1500	70.4	90.0	92.1	93.0	94.0	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>= 1200	71.3	91.8	94.2	95.1	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>= 1000	71.4	92.3	94.9	95.9	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 900	71.5	92.8	95.4	96.5	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>= 800	71.6	93.0	95.6	96.7	98.2	98.3	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 700	71.6	93.1	95.7	96.8	98.2	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 600	71.6	93.1	95.8	96.9	98.4	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 500	71.6	93.1	95.9	97.0	98.5	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	71.6	93.1	95.9	97.0	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 300	71.6	93.1	95.9	97.0	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 200	71.6	93.1	95.9	97.0	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 100	71.6	93.1	95.9	97.0	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 0	71.6	93.1	95.9	97.0	98.6	98.8	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

G13980 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4
UNLIMIT	45.8	56.6	58.0	58.4	58.7	58.7	58.7	58.7	58.7	58.7
>=20000	53.2	67.0	68.6	69.0	69.3	69.3	69.3	69.3	69.3	69.3
>=18000	53.5	67.3	68.9	69.3	69.6	69.6	69.6	69.6	69.6	69.6
>=16000	53.6	67.4	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8
>=14000	54.1	68.3	70.0	70.4	70.7	70.7	70.7	70.7	70.7	70.7
>=12000	56.0	71.0	72.7	73.3	73.7	73.7	73.7	73.7	73.7	73.7
>=10000	57.6	73.2	75.0	75.7	76.1	76.1	76.1	76.1	76.1	76.1
>=9000	58.0	73.9	75.7	76.3	76.8	76.8	76.8	76.8	76.8	76.8
>=8000	58.8	75.4	77.5	78.1	78.6	78.6	78.6	78.6	78.6	78.6
>=7000	59.1	76.0	78.3	79.0	79.6	79.6	79.6	79.6	79.6	79.6
>=6000	59.8	76.7	79.0	79.7	80.4	80.4	80.4	80.4	80.4	80.4
>=5000	61.0	78.8	81.1	82.0	82.9	82.9	82.9	82.9	82.9	82.9
>=4500	61.7	80.0	82.3	83.2	84.0	84.1	84.1	84.1	84.1	84.1
>=4000	62.4	80.9	83.3	84.3	85.1	85.2	85.2	85.2	85.2	85.2
>=3500	63.4	82.6	85.2	86.2	87.0	87.1	87.1	87.1	87.1	87.1
>=3000	65.0	85.3	88.1	89.1	90.0	90.2	90.2	90.2	90.2	90.2
>=2500	66.3	87.7	90.7	91.8	92.8	93.1	93.1	93.1	93.1	93.1
>=2000	67.2	89.0	92.1	93.2	94.3	94.6	94.6	94.6	94.6	94.6
>=1800	67.3	89.4	92.5	93.8	94.9	95.2	95.2	95.2	95.2	95.2
>=1500	67.5	90.1	93.4	94.7	95.9	96.0	96.3	96.3	96.3	96.3
>=1200	67.9	90.7	94.2	95.5	96.8	96.9	97.2	97.3	97.3	97.3
>=1000	68.0	91.1	94.9	96.2	97.4	97.5	97.8	98.0	98.0	98.0
>=900	68.0	91.2	95.1	96.4	97.6	97.8	98.1	98.2	98.2	98.2
>=800	68.0	91.3	95.2	96.5	97.7	97.8	98.2	98.3	98.3	98.3
>=700	68.0	91.5	95.3	96.7	98.0	98.2	98.5	98.6	98.6	98.6
>=600	68.0	91.6	95.4	96.8	98.1	98.3	98.8	99.0	99.0	99.0
>=500	68.1	91.6	95.5	96.9	98.3	98.5	99.1	99.4	99.5	99.5
>=400	68.1	91.7	95.6	97.0	98.4	98.6	99.4	99.7	99.8	99.8
>=300	68.1	91.7	95.6	97.0	98.4	98.7	99.5	99.8	99.9	99.9
>=200	68.1	91.7	95.6	97.0	98.4	98.7	99.5	99.8	99.9	99.9
>=100	68.1	91.7	95.6	97.0	98.4	98.7	99.5	99.8	99.9	99.9
>=0	68.1	91.7	95.6	97.0	98.4	98.7	99.5	99.8	99.9	99.9

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)														
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	44.8	59.5	61.9	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=20000	51.8	68.8	71.2	72.8	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=18000	51.9	69.1	72.0	73.0	73.4	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=16000	52.1	69.2	72.2	73.2	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>=14000	53.1	71.0	73.9	75.0	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=12000	55.2	73.8	77.1	78.3	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=10000	56.4	76.2	79.4	80.7	81.2	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 9000	56.9	77.3	80.5	81.9	82.5	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 8000	57.7	78.9	82.2	83.5	84.1	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>= 7000	58.3	80.1	83.4	84.8	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 6000	58.5	80.6	84.1	85.5	86.2	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 5000	59.1	81.3	84.9	86.4	87.0	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 4500	59.2	81.7	85.5	86.9	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
>= 4000	59.6	82.5	86.4	87.9	88.5	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 3500	60.3	83.5	87.5	89.2	89.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 3000	60.5	84.2	88.3	90.1	90.8	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>= 2500	61.1	85.4	89.6	91.5	92.2	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 2000	61.5	85.9	90.3	92.4	93.2	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 1800	61.6	86.2	90.6	92.7	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 1500	62.0	87.1	91.7	93.9	94.8	95.1	95.2	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8
>= 1200	62.4	87.8	92.7	95.1	96.2	96.5	96.7	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4
>= 1000	62.5	88.1	93.0	95.5	96.7	96.9	97.2	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
>= 900	62.7	88.5	93.5	96.1	97.4	97.6	97.9	98.4	98.5	98.7	98.7	98.7	98.7	98.7	98.7
>= 800	62.7	88.6	93.6	96.2	97.5	97.7	98.0	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8
>= 700	62.8	88.8	93.8	96.4	97.7	97.9	98.5	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
>= 600	62.8	88.9	93.9	96.5	97.8	98.2	98.8	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5
>= 500	62.8	88.9	93.9	96.5	98.0	98.4	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>= 400	62.8	88.9	93.9	96.5	98.4	98.4	99.1	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	62.8	89.0	94.0	96.6	98.1	98.5	99.1	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8
>= 200	62.8	89.0	94.0	96.6	98.1	98.5	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	62.8	89.0	94.0	96.6	98.1	98.5	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	62.8	89.0	94.0	96.6	98.1	98.5	99.1	99.5	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1300

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	1/2	>=5/16
UNLIMIT	43.0	65.1	67.2	68.6	69.0	69.0	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>=20000	47.1	70.9	73.2	74.6	75.2	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
>=18000	47.1	70.9	73.2	74.6	75.2	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
>=16000	47.1	70.9	73.2	74.6	75.2	75.2	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
>=14000	48.1	72.1	74.4	75.9	76.4	76.4	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
>=12000	49.3	74.4	77.0	78.5	79.0	79.0	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>=10000	50.3	76.6	79.3	80.9	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
>=9000	51.0	78.2	81.0	82.6	83.2	83.2	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
>=8000	52.0	80.1	83.0	84.6	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
>=7000	52.9	81.2	84.4	86.1	86.8	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.4	87.4
>=6000	53.2	82.0	85.2	87.0	87.9	87.9	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
>=5000	53.5	83.3	86.6	88.5	89.3	89.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=4500	53.7	83.7	87.0	88.9	89.8	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
>=4000	53.8	84.2	87.6	89.7	90.5	90.5	90.9	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
>=3500	54.0	84.8	88.2	90.3	91.2	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9
>=3000	54.4	85.5	88.9	91.0	91.9	91.9	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=2500	54.6	86.5	90.0	92.2	93.1	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
>=2000	54.9	87.0	90.6	92.9	93.8	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
>=1800	55.0	87.3	90.9	93.4	94.2	94.3	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=1500	55.1	87.9	91.5	93.9	94.9	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7
>=1200	55.3	88.3	91.9	94.6	95.6	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4
>=1000	55.4	88.7	92.3	95.2	96.2	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
>=900	55.4	89.0	92.7	95.5	96.6	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
>=800	55.5	89.3	93.1	95.9	97.0	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=700	55.6	89.6	93.5	96.3	97.4	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=600	55.6	89.9	93.7	96.5	97.7	97.8	98.3	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7	98.7
>=500	55.7	90.1	93.9	96.8	98.2	98.2	98.8	99.0	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2
>=400	55.8	90.2	94.3	97.3	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9
>=300	55.8	90.2	94.3	97.3	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9	99.9
>=200	55.8	90.2	94.3	97.3	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
>=100	55.8	90.2	94.3	97.3	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0
>=0	55.8	90.2	94.3	97.3	98.7	98.8	99.4	99.7	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	39.2	56.1	58.3	59.5	60.2	60.4	60.9	61.0	61.0	61.1	61.2	61.2	61.4	61.4	61.6	61.7
>=20000	43.4	62.4	64.8	66.1	66.9	67.0	67.6	67.7	67.7	67.9	68.0	68.0	68.1	68.2	68.3	68.4
>=18000	43.5	62.6	65.0	66.3	67.1	67.2	67.7	67.9	68.1	68.1	68.2	68.2	68.3	68.4	68.5	68.6
>=16000	43.6	62.8	65.2	66.5	67.3	67.4	67.9	68.1	68.2	68.2	68.3	68.3	68.5	68.5	68.7	68.8
>=14000	44.4	64.0	66.5	67.8	68.6	68.7	69.2	69.4	69.6	69.6	69.7	69.7	69.8	69.9	70.0	70.1
>=12000	45.9	66.2	68.9	70.2	71.1	71.2	71.8	71.9	72.0	72.1	72.2	72.2	72.4	72.5	72.5	72.7
>=10000	46.9	68.4	71.1	72.5	73.4	73.6	74.2	74.4	74.5	74.5	74.6	74.6	74.8	75.0	75.1	75.1
>=9000	47.4	69.4	72.1	73.6	74.5	74.7	75.3	75.5	75.6	75.6	75.7	75.7	76.0	76.1	76.2	76.2
>=8000	48.2	70.8	73.7	75.2	76.2	76.3	76.9	77.1	77.2	77.3	77.4	77.4	77.6	77.6	77.8	77.9
>=7000	48.9	72.0	75.0	76.6	77.6	77.7	78.4	78.6	78.6	78.8	78.9	78.9	79.1	79.2	79.3	79.3
>=6000	49.3	72.7	75.6	77.4	78.4	78.6	79.2	79.4	79.5	79.6	79.7	79.7	79.9	79.9	80.1	80.2
>=5000	50.1	74.0	77.1	78.8	79.9	80.0	80.7	80.9	81.0	81.1	81.2	81.2	81.4	81.5	81.7	81.7
>=4500	50.5	74.7	77.9	79.6	80.7	80.9	81.5	81.7	81.8	81.9	82.0	82.0	82.2	82.4	82.5	82.5
>=4000	51.1	75.6	78.8	80.5	81.7	81.8	82.5	82.7	82.7	82.9	83.0	83.0	83.2	83.3	83.5	83.5
>=3500	51.8	76.7	80.0	81.8	82.9	83.1	83.8	84.1	84.1	84.2	84.3	84.3	84.5	84.7	84.8	84.8
>=3000	52.9	78.5	82.0	83.8	85.0	85.2	86.0	86.2	86.2	86.4	86.5	86.5	86.7	86.8	87.0	87.0
>=2500	54.2	80.5	84.0	86.1	87.3	87.5	88.3	88.5	88.5	88.7	88.8	88.8	89.0	89.2	89.3	89.3
>=2000	55.0	81.8	85.5	87.7	88.9	89.2	90.0	90.2	90.2	90.4	90.5	90.5	90.7	90.7	90.9	91.0
>=1800	55.3	82.3	86.2	88.3	89.6	89.8	90.6	90.9	90.9	91.1	91.2	91.2	91.4	91.4	91.5	91.7
>=1500	55.8	83.5	87.4	89.7	91.1	91.4	92.2	92.5	92.5	92.7	92.8	92.8	93.0	93.2	93.3	93.3
>=1200	56.2	84.4	88.6	90.9	92.4	92.7	93.6	93.9	93.9	94.1	94.2	94.2	94.4	94.6	94.7	94.7
>=1000	56.3	85.0	89.3	91.7	93.3	93.6	94.5	94.8	94.8	95.0	95.1	95.1	95.3	95.4	95.5	95.7
>=900	56.4	85.4	89.7	92.2	93.9	94.2	95.2	95.5	95.5	95.8	95.9	95.9	96.1	96.2	96.4	96.4
>=800	56.5	85.7	90.1	92.7	94.3	94.6	95.7	96.0	96.0	96.3	96.4	96.4	96.6	96.7	96.9	96.9
>=700	56.6	85.9	90.4	93.0	94.6	95.0	96.1	96.4	96.4	96.7	96.8	96.8	97.0	97.2	97.3	97.3
>=600	56.6	86.1	90.6	93.2	94.9	95.3	96.5	96.8	96.8	97.1	97.2	97.2	97.4	97.6	97.8	97.8
>=500	56.7	86.2	90.8	93.5	95.3	95.7	97.0	97.3	97.4	97.7	97.8	97.8	98.0	98.2	98.3	98.3
>=400	56.7	86.3	91.0	93.8	95.6	96.0	97.4	97.8	97.9	98.2	98.3	98.3	98.5	98.7	98.8	98.8
>=300	56.7	86.4	91.0	93.8	95.7	96.2	97.6	98.1	98.1	98.5	98.6	98.6	98.8	99.0	99.2	99.2
>=200	56.7	86.4	91.1	93.9	95.8	96.3	97.7	98.2	98.2	98.7	98.8	98.8	99.1	99.3	99.5	99.5
>=100	56.7	86.4	91.1	93.9	95.8	96.3	97.7	98.2	98.3	98.8	98.9	98.9	99.2	99.5	99.6	99.6
>=0	56.7	86.4	91.1	93.9	95.8	96.3	97.7	98.2	98.3	98.8	98.9	98.9	99.2	99.5	99.5	100.0

TOTAL NO. OF OBS : 10409

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN	
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	SPEED	WIND					
N	1.7	4.2	1.1	.2	.0	.0	.0	.0	.0	.0	.0	7.2	5.2					
NNE	1.7	4.4	1.7	.3	.0	.1	.0	.0	.0	.0	.0	8.2	5.6					
NE	1.1	2.7	1.5	.2	.0	.0	.0	.0	.0	.0	.0	5.5	5.7					
ENE	.7	1.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.6					
E	.4	1.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.4	6.1					
ESE	.5	1.0	.3	.1	.2	.0	.0	.0	.0	.0	.0	2.0	6.6					
SE	1.1	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.1					
SSE	1.7	2.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	5.6	5.0					
S	3.4	6.4	2.5	.7	.0	.0	.0	.0	.0	.0	.0	13.1	5.2					
SSW	1.6	6.0	4.3	.5	.0	.0	.0	.0	.0	.0	.0	12.3	6.0					
SW	.7	4.1	4.6	1.0	.0	.0	.0	.0	.0	.0	.0	10.5	7.1					
WSW	.6	1.9	2.2	.2	.0	.0	.0	.0	.0	.0	.0	4.9	6.5					
W	.8	.4	1.4	.3	.0	.0	.0	.0	.0	.0	.0	2.9	6.8					
WNW	.5	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.2					
NW	.1	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.2	6.5					
NNW	.5	1.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.4					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	.0					
ALL	17.1	40.7	23.3	4.4	.3	.1	.0	.0	.0	.0	.0	100.0	5.0					

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0400 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N	2.8	4.6	2.8	.5	.1	.0	.0	.0	.0	.0	.0	10.7	5.7
NNE	2.0	4.3	3.1	.3	.0	.0	.0	.0	.0	.0	.0	9.7	5.8
NE	1.0	2.5	1.5	.5	.0	.0	.0	.0	.0	.0	.0	5.4	6.2
ENE	.6	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.1
E	.6	1.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	2.6	5.7
ESE	.2	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.4
SE	1.5	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.3	4.3
SSE	1.7	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.6	4.5
S	2.4	4.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	7.9	4.8
SSW	1.2	3.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	6.8	5.7
SW	.8	3.9	3.9	.8	.0	.0	.0	.0	.0	.0	.0	9.4	6.9
WSW	.3	4.0	3.1	.8	.0	.0	.0	.0	.0	.0	.0	8.2	6.6
W	1.0	2.8	2.1	.2	.0	.0	.0	.0	.0	.0	.0	6.0	5.7
WNW	1.0	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.9
NW	.4	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.1
NNW	1.0	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.6	.0
ALL	18.5	40.2	22.7	3.9	.1	.0	.0	.0	.0	.0	.0	100.0	4.8

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	1.4						2.7	.7	.0	.0	.0	.0	.0	.0	.0	8.7	6.4
NNE	1.1	3.8					5.2	.6	.0	.0	.0	.0	.0	.0	.0	11.3	6.8
NE	.7	4.3					3.5	.7	.0	.0	.0	.0	.0	.0	.0	8.9	6.7
ENE	.3	2.0					1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.8	6.3
E	.2	1.0					.4	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.1
ESE	.3	1.0					.8	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.1
SE	.2	.9					.7	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.7
SSE	.8	1.1					.7	.1	.0	.0	.0	.0	.0	.0	.0	2.8	5.8
S	1.0	3.2					1.6	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.2
SSW	.6	2.5					2.7	.2	.0	.0	.0	.0	.0	.0	.0	6.0	6.4
SW	.6	3.5					4.8	1.1	.0	.0	.0	.0	.0	.0	.0	10.0	7.5
WSW	.2	3.2					5.5	1.9	.0	.0	.0	.0	.0	.0	.0	10.8	8.1
W	.6	2.9					4.3	.9	.0	.0	.0	.0	.0	.0	.0	8.7	7.6
WNW	.6	1.5					1.5	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.9
NW	.6	1.6					1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.4
NNW	.7	2.5					.6	.2	.0	.0	.0	.0	.0	.0	.0	4.0	5.3
VAR	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0					.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	.0
ALL	10.2	38.9					37.6	6.9	.2	.0	.0	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1700 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	.6	1.7	2.9	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	7.9
NNE	.3	1.3	2.6	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	9.1
NE	.3	1.7	4.2	2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	8.7
ENE	.3	.6	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	8.8
E	.2	1.1	1.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.9
ESE	.1	.6	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	8.1
SE	.6	1.0	1.7	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.1
SSE	.2	1.1	1.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.2
S	.4	1.3	2.3	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2
SSW	.4	2.5	3.8	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	7.9
SW	.8	2.4	4.9	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	8.4
WSW	.3	1.3	4.5	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	9.2
W	.2	2.0	4.8	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	9.1
WNW	.6	2.0	3.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.2
NW	1.0	1.5	1.9	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.9
NNW	.6	1.6	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	.0
ALL	7.0	23.7	45.5	20.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.2

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1300 LST

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

DIR.	SPEED (KNOTS)											TOTAL	MEAN
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND SPEED
N	.1	1.8	2.5	1.0	.2	.0	.0	.0	.0	.0	.0	5.7	8.7
NNE	.1	1.2	2.4	.9	.0	.0	.0	.0	.0	.0	.0	4.5	8.3
NE	.0	.8	1.5	1.3	.2	.0	.0	.0	.0	.0	.0	3.7	9.7
ENE	.2	.7	1.7	2.4	.0	.0	.0	.0	.0	.0	.0	5.1	9.9
E	.2	.6	2.3	2.6	.0	.0	.0	.0	.0	.0	.0	6.0	10.2
ESE	.2	1.2	2.7	2.5	.2	.0	.0	.0	.0	.0	.0	6.9	9.7
SE	.2	1.2	3.6	2.8	.2	.0	.0	.0	.0	.0	.0	7.9	9.9
SSE	.3	1.5	3.6	1.6	.1	.0	.0	.0	.0	.0	.0	7.1	8.7
S	.1	2.1	4.0	3.2	.6	.0	.0	.0	.0	.0	.0	9.9	9.9
SSW	.4	1.2	4.6	1.8	.2	.0	.1	.0	.0	.0	.0	8.3	9.3
SW	.1	1.6	3.9	1.3	.5	.0	.0	.0	.0	.0	.0	7.3	9.2
WSW	.1	1.0	3.1	2.7	.2	.1	.0	.0	.0	.0	.0	7.2	10.3
W	.1	1.3	2.1	1.6	.2	.1	.0	.0	.0	.0	.0	6.4	9.5
WNW	.0	.8	2.3	1.3	.2	.0	.0	.0	.0	.0	.0	4.6	9.2
NW	.2	2.1	1.9	.6	.0	.0	.1	.0	.0	.0	.0	4.9	8.0
NNW	.2	1.3	1.7	.6	.2	.0	.0	.0	.0	.0	.0	4.0	8.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
ALL	2.5	20.6	44.8	28.3	2.9	.2	.2	.0	.0	.0	.0	100.0	9.3

TOTAL NO. OF OBS : 1260

NOTES :
 # = PERCENT < .05

13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.2	1.0	2.3	1.0	.0	.1	.0	.0	.0	.0	.0	4.4	8.9					
NNE	.1	.3	1.3	.7	.1	.0	.0	.0	.0	.0	.0	2.5	9.4					
NE	.2	.7	1.5	.9	.1	.0	.0	.0	.0	.0	.0	3.3	9.0					
ENE	.1	.3	1.3	1.6	.1	.0	.0	.0	.0	.0	.0	3.3	10.8					
E	.2	.6	2.0	3.1	.6	.0	.0	.0	.0	.0	.0	6.6	11.1					
ESE	.2	.5	2.8	3.4	.7	.0	.0	.0	.0	.0	.0	7.0	10.6					
SE	.2	1.0	4.8	4.7	.1	.2	.0	.0	.0	.0	.0	10.9	10.3					
SSE	.5	.7	5.6	4.7	.1	.1	.0	.0	.0	.0	.0	11.6	10.0					
S	.3	1.0	8.2	9.0	.3	.1	.0	.0	.0	.0	.0	19.0	10.8					
SSW	.0	.9	3.9	4.5	.5	.0	.0	.0	.0	.0	.0	9.8	11.0					
SW	.2	.7	1.7	1.7	.2	.0	.0	.0	.0	.0	.0	4.5	10.1					
WSW	.0	.6	1.4	1.3	.2	.0	.0	.0	.0	.0	.0	3.5	10.4					
W	.0	1.2	2.5	1.2	.3	.1	.0	.0	.0	.0	.0	5.2	9.6					
WNW	.0	.4	1.1	.6	.2	.0	.0	.0	.0	.0	.0	2.2	9.5					
NW	.1	1.0	1.0	.5	.0	.0	.0	.0	.0	.0	.0	2.5	7.8					
NNW	.2	.5	1.7	.7	.1	.0	.0	.0	.0	.0	.0	3.1	8.9					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
ALL	2.2	11.4	43.0	39.4	2.9	.5	.0	.0	.0	.0	.0	100.0	10.2					

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

013800 : CHA-LESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1900 LST

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

16 Pr. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	SPEED (KNOTS)							TOTAL %	MEAN WIND SPEED
										22-27	28-33	34-40	41-47	48-55	>56			
N	.2			1.0			.5	.5	.0	.0	.0	.0	.0	.0	.0	2.5	7.3	
NNE	.4			1.0			1.4	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.7	
NE	.2			1.7			1.4	.5	.0	.0	.0	.0	.0	.0	.0	3.8	7.5	
NNE	.0			1.4			2.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.4	
E	.2			1.0			4.6	1.5	.0	.0	.0	.0	.0	.0	.0	7.5	8.8	
ESE	.5			1.4			4.2	1.2	.0	.0	.0	.0	.0	.0	.0	7.4	8.3	
SE				2.2			4.4	.6	.0	.0	.0	.0	.0	.0	.0	7.6	7.5	
SSE	1.2			4.1			7.4	.2	.0	.0	.0	.0	.0	.0	.0	12.9	7.0	
S	.8			6.5			13.0	3.7	.0	.0	.0	.0	.0	.0	.0	24.2	8.0	
SSW	.6			2.9			6.7	2.4	.0	.0	.0	.0	.0	.0	.0	12.6	8.4	
SW	.2			1.1			2.6	.6	.0	.0	.0	.0	.0	.0	.0	4.4	9.0	
WSW	.1			.6			1.2	.3	.0	.0	.0	.0	.0	.0	.0	2.2	7.9	
W	.2			.7			.6	.5	.0	.0	.0	.0	.0	.0	.0	2.1	7.8	
WNW	.1			.6			.2	.2	.0	.0	.0	.0	.0	.0	.0	1.0	6.7	
NW	.2			.2			.6	.1	.0	.0	.0	.0	.0	.0	.0	1.0	7.8	
NNW	.2			.7			.4	.5	.0	.0	.0	.0	.0	.0	.0	1.8	8.0	
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0	
ALL	5.0			27.0			51.7	13.7	1.0	.0	.0	.0	.0	.0	.0	100.0	7.8	

TOTAL NO. OF OBS : 1259

NOTES : * = PERCENT < .05

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 32W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED	
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.6	1.7	.8	.2	.3	.0	.0	.0	.0	.0	.0	3.3	5.7					
NNE	.5	2.0	1.7	.2	.1	.0	.0	.0	.0	.0	.0	4.5	6.6					
NE	1.0	3.4	2.1	.2	.0	.0	.0	.0	.0	.0	.0	6.8	6.1					
ENE	.2	1.8	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.2					
E	.7	3.3	.6	.2	.1	.0	.0	.0	.0	.0	.0	4.9	5.6					
ESE	.6	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.1	5.6					
SE	1.6	3.2	1.3	.1	.0	.0	.0	.0	.0	.0	.0	6.1	5.1					
SSE	2.7	4.4	1.7	.2	.0	.0	.0	.0	.0	.0	.0	9.0	5.0					
S	3.6	10.3	5.8	.2	.1	.0	.0	.0	.0	.0	.0	20.0	5.6					
SSW	1.1	6.4	7.1	1.4	.0	.0	.0	.0	.0	.0	.0	16.1	7.1					
SW	.4	2.5	2.7	1.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.5					
WSW	.2	1.2	1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.8					
W	.6	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.9					
WNW	.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.1					
NW	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.7	7.3					
NNW	.1	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.4	6.9					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	.0					
ALL	14.1	45.2	26.7	4.7	.3	.0	.0	.0	.0	.0	.0	100.0	5.7					

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1996
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : ALL

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

16 PT.	DIR.	SPEED (KNOTS)												TOTAL	MEAN
		1	- 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>=56		
N		.9		2.5	2.0	.7	.0*	.0*	.0	.0	.0	.0	6.2	6.8	
NNE		.8		2.3	2.4	.7	.0*	.0*	.0	.0	.0	.0	6.3	7.0	
NE		.5		2.2	2.2	.8	.0*	.0	.0	.0	.0	.0	5.7	7.3	
ENE		.3		1.1	1.4	.6	.0*	.0	.0	.0	.0	.0	3.6	8.0	
E		.4		1.3	1.5	1.2	.1	.0	.0	.0	.0	.0	4.5	8.5	
ESE		.3		1.1	1.7	1.0	.1	.0	.0	.0	.0	.0	4.2	8.4	
SE		.7		1.5	2.1	1.2	.0*	.0*	.0	.0	.0	.0	5.6	7.8	
SSE		1.1		2.1	2.7	1.0	.1	.0*	.0	.0	.0	.0	7.0	7.2	
S		1.5		4.4	4.8	2.3	.1	.0*	.0	.0	.0	.0	13.1	7.5	
SSW		.7		3.2	4.4	1.5	.1	.0	.0*	.0	.0	.0	10.0	7.7	
SW		.5		2.5	3.7	1.2	.1	.0	.0	.0	.0	.0	7.9	7.9	
WSW		.2		1.7	2.6	1.1	.1	.0*	.0	.0	.0	.0	6.0	8.3	
W		.4		1.6	2.5	.8	.1	.0*	.0	.0	.0	.0	5.4	8.0	
WNW		.4		1.0	1.2	.3	.0*	.0	.0	.0	.0	.0	3.0	7.1	
NW		.3		1.0	.9	.2	.0*	.0	.0*	.0	.0	.0	2.5	6.9	
NNW		.4		1.4	1.0	.3	.0*	.0	.0*	.0	.0	.0	3.2	6.8	
VAR		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	.0	
LLL		9.6		31.0	37.2	15.1	1.2	.1	.0*	.0	.0	.0	100.0	7.1	

TOTAL NO. OF OBS : 10073

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																	
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	32.3	61.8	65.2	66.9	67.6	67.8	68.4	68.4	68.4	68.4	68.4	68.5	68.7	68.7	68.7	68.7	68.7	68.7
>=20000	35.5	67.9	71.5	73.3	74.1	74.2	75.0	75.0	75.1	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
>=18000	35.5	67.9	71.5	73.3	74.1	74.2	75.0	75.0	75.1	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4
>=16000	35.8	68.2	71.9	73.6	74.4	74.6	75.3	75.4	75.4	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.8	75.8
>=14000	37.0	70.0	73.8	75.6	76.4	76.6	77.3	77.3	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7
>=12000	38.2	72.5	76.5	78.3	79.1	79.3	80.0	80.0	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4
>=10000	39.4	74.7	78.9	80.7	81.6	81.7	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.9	82.9
>= 9000	39.9	75.8	79.9	81.7	82.6	82.8	83.5	83.5	83.6	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>= 8000	40.6	76.8	81.1	83.1	83.9	84.1	84.8	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
>= 7000	41.0	77.7	82.1	84.1	85.0	85.1	85.9	85.9	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
>= 6000	41.4	78.2	82.8	84.7	85.6	85.8	86.5	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0
>= 5000	42.1	79.3	83.9	85.9	86.8	87.0	87.7	87.8	87.8	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.5	88.5
>= 4500	42.2	79.5	84.2	86.2	87.0	87.2	87.9	88.0	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
>= 4000	42.6	80.1	85.1	87.3	88.2	88.4	89.2	89.3	89.3	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>= 3500	42.8	80.5	85.5	87.8	88.7	88.9	89.7	89.7	89.9	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.2	90.2
>= 3000	43.4	81.5	86.6	88.9	89.8	90.0	90.8	90.9	90.9	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= 2500	43.5	82.0	87.4	89.6	90.5	90.7	91.5	91.6	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1
>= 2000	44.0	83.0	88.4	90.7	91.7	91.8	92.4	92.7	92.8	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
>= 1800	44.4	83.5	88.9	91.2	92.1	92.3	93.1	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 1500	44.5	84.4	89.8	92.4	93.3	93.5	94.3	94.4	94.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1200	45.0	85.5	91.0	93.6	94.6	94.8	95.6	95.7	95.8	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
>= 1000	45.1	85.9	91.5	94.3	95.2	95.4	96.2	96.3	96.3	96.4	96.5	96.5	96.7	96.7	96.7	96.7	96.8	96.8
>= 900	45.1	86.2	91.8	94.6	95.5	95.7	96.6	96.7	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>= 800	45.2	86.5	92.1	94.8	95.8	95.9	96.8	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4
>= 700	45.2	86.6	92.1	95.2	96.2	96.3	97.2	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
>= 600	45.2	86.8	92.4	95.5	96.6	96.7	97.7	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
>= 500	45.2	87.1	92.8	95.9	96.9	97.1	98.0	98.1	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
>= 400	45.2	87.3	92.9	96.0	97.1	97.2	98.2	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7
>= 300	45.2	87.3	93.0	96.2	97.2	97.4	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1
>= 200	45.2	87.4	93.2	96.4	97.5	97.6	98.7	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.9	99.9
>= 100	45.2	87.4	93.2	96.5	97.5	97.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0
>= 0	45.2	87.4	93.2	96.5	97.5	97.7	98.8	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.0	51.6	56.8	59.7	60.7	60.8	61.7	62.4	62.7	63.1	63.5	63.5	64.5	64.5	64.7	64.9
>=20000	26.8	57.1	62.6	65.7	66.8	67.0	68.1	68.9	69.1	69.6	69.9	69.9	70.9	70.9	71.1	71.3
>=18000	27.1	57.4	63.0	66.2	67.3	67.4	68.6	69.3	69.6	70.1	70.4	70.4	71.4	71.4	71.6	71.8
>=16000	27.1	57.6	63.1	66.3	67.4	67.6	68.8	69.5	69.7	70.2	70.5	70.5	71.6	71.6	71.7	72.0
>=14000	28.0	58.9	64.6	67.8	68.9	69.1	70.3	71.0	71.2	71.7	72.0	72.0	73.1	73.1	73.2	73.5
>=12000	29.6	61.6	67.7	70.9	72.1	72.3	73.5	74.2	74.4	74.9	75.2	75.2	76.3	76.3	76.4	76.6
>=10000	30.3	63.1	69.2	72.5	73.9	74.1	75.3	76.0	76.3	76.7	77.0	77.0	78.1	78.1	78.2	78.5
>=9000	30.8	64.3	70.6	73.9	75.4	75.6	76.8	77.5	77.9	78.2	78.6	78.6	79.6	79.6	79.7	80.0
>=8000	31.5	66.2	72.4	75.8	77.2	77.4	78.6	79.3	79.6	80.1	80.4	80.4	81.4	81.4	81.6	81.8
>=7000	32.1	67.0	73.5	76.9	78.3	78.6	79.7	80.5	80.7	81.2	81.5	81.5	82.5	82.5	82.7	82.9
>=6000	32.2	67.7	74.2	77.6	79.0	79.3	80.5	81.2	81.4	81.9	82.2	82.2	83.2	83.2	83.4	83.6
>=5000	32.8	68.8	75.5	78.9	80.3	80.5	81.7	82.4	82.7	83.2	83.6	83.6	84.6	84.6	84.7	85.0
>=4500	33.0	69.5	76.3	79.7	81.2	81.4	82.6	83.3	83.6	84.1	84.5	84.5	85.5	85.5	85.7	85.9
>=4000	33.4	70.1	76.9	80.4	81.8	82.0	83.2	84.0	84.2	84.7	85.1	85.1	86.2	86.2	86.3	86.6
>=3500	33.6	70.7	77.4	80.9	82.4	82.6	83.8	84.5	84.7	85.3	85.7	85.7	86.7	86.7	86.9	87.1
>=3000	34.2	71.3	78.2	81.7	83.2	83.5	84.7	85.4	85.6	86.2	86.6	86.6	87.6	87.6	87.8	88.0
>=2500	34.6	72.0	79.1	82.8	84.4	84.7	85.9	86.6	86.8	87.4	87.8	87.8	88.8	88.8	89.0	89.2
>=2000	34.7	72.3	79.6	83.5	85.1	85.3	86.6	87.3	87.5	88.1	88.5	88.5	89.5	89.5	89.7	89.9
>=1800	34.9	72.4	79.7	83.6	85.2	85.5	86.7	87.5	87.8	88.3	88.7	88.7	89.8	89.8	89.9	90.2
>=1500	35.3	73.7	81.1	85.0	86.6	86.8	88.1	88.9	89.1	89.7	90.1	90.1	91.1	91.1	91.3	91.5
>=1200	35.7	74.7	82.1	86.1	87.8	88.1	89.4	90.2	90.4	90.9	91.3	91.3	92.4	92.4	92.5	92.8
>=1000	35.9	75.2	82.7	86.7	88.6	88.8	90.2	90.9	91.2	91.7	92.1	92.1	93.2	93.2	93.3	93.6
>=900	36.1	75.4	82.8	86.9	88.9	89.1	90.5	91.3	91.5	92.1	92.5	92.5	93.5	93.5	93.6	93.9
>=800	36.3	75.8	83.3	87.5	89.5	89.8	91.1	92.0	92.2	92.8	93.2	93.2	94.2	94.2	94.4	94.6
>=700	36.3	76.0	83.6	87.9	89.8	90.1	91.5	92.4	92.6	93.2	93.6	93.6	94.6	94.6	94.8	95.0
>=600	36.3	76.0	83.6	87.9	89.8	90.2	91.8	92.7	92.9	93.5	93.9	93.9	94.9	94.9	95.1	95.3
>=500	36.3	76.5	84.0	88.6	90.8	91.0	92.6	93.5	93.7	94.3	94.7	94.7	95.7	95.7	95.9	96.1
>=400	36.3	76.6	84.2	88.8	91.3	91.5	93.3	94.2	94.4	95.1	95.5	95.5	96.5	96.5	96.7	96.9
>=300	36.3	76.7	84.4	89.2	91.7	91.9	93.8	94.8	95.0	95.7	96.1	96.1	97.2	97.2	97.4	97.7
>=200	36.4	76.8	84.6	89.4	92.0	92.2	94.3	95.2	95.5	96.3	96.7	96.7	97.9	97.9	98.1	98.6
>=100	36.4	76.8	84.6	89.4	92.0	92.2	94.3	95.2	95.5	96.6	97.0	97.0	98.5	98.5	98.9	99.6
>= 0	36.4	76.8	84.6	89.4	92.0	92.2	94.3	95.2	95.5	96.6	97.0	97.1	98.6	98.6	99.0	100.0

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	28.1	50.6	54.0	55.9	57.6	58.3	59.7	60.1	60.2	60.4	60.6	60.6	60.9	61.0	61.2	61.3
>=20000	31.4	57.1	61.2	63.2	65.0	65.7	67.2	67.6	67.6	67.9	68.0	68.0	68.4	68.4	68.7	68.8
>=18000	31.8	57.6	61.8	63.8	65.7	66.4	67.8	68.2	68.3	68.5	68.7	68.7	69.0	69.1	69.3	69.4
>=16000	31.9	57.8	61.9	63.9	65.8	66.5	68.0	68.4	68.4	68.7	68.8	68.8	69.2	69.2	69.5	69.6
>=14000	33.0	59.6	64.1	66.1	68.0	68.8	70.2	70.6	70.7	70.9	71.1	71.1	71.4	71.5	71.7	71.8
>=12000	35.1	62.6	67.6	69.9	72.0	72.7	74.2	74.6	74.7	75.0	75.1	75.1	75.4	75.5	75.8	75.8
>=10000	36.2	64.5	69.7	72.1	74.2	75.0	76.6	76.9	77.0	77.3	77.4	77.4	77.7	77.8	78.1	78.1
>=9000	36.7	65.7	70.9	73.3	75.5	76.2	77.8	78.2	78.3	78.5	78.7	78.7	79.0	79.1	79.3	79.4
>=8000	37.5	67.1	72.5	75.0	77.3	78.1	79.7	80.1	80.2	80.4	80.6	80.6	80.9	81.0	81.2	81.3
>=7000	38.0	68.1	73.5	76.2	78.5	79.3	80.9	81.4	81.5	81.7	81.9	81.9	82.2	82.3	82.5	82.6
>=6000	38.6	69.1	74.6	77.3	79.8	80.6	82.2	82.7	82.8	83.0	83.1	83.1	83.5	83.5	83.8	83.9
>=5000	39.0	69.8	75.4	78.2	80.7	81.6	83.1	83.6	83.7	83.9	84.1	84.1	84.4	84.5	84.7	84.8
>=4500	39.1	70.1	75.8	78.6	81.1	82.0	83.5	84.0	84.1	84.3	84.5	84.5	84.8	84.9	85.1	85.2
>=4000	39.1	70.2	75.8	78.7	81.2	82.0	83.6	84.1	84.2	84.4	84.6	84.6	84.9	85.0	85.2	85.3
>=3500	39.3	70.5	76.2	79.1	81.6	82.4	84.0	84.6	84.7	84.9	85.1	85.1	85.4	85.5	85.7	85.8
>=3000	39.7	71.3	77.0	79.9	82.5	83.4	85.1	85.6	85.7	85.9	86.1	86.1	86.4	86.5	86.7	86.8
>=2500	39.9	71.8	77.6	80.4	83.1	83.9	85.6	86.2	86.2	86.5	86.6	86.6	87.0	87.0	87.3	87.4
>=2000	40.4	72.3	78.4	81.3	83.9	84.8	86.6	87.1	87.2	87.4	87.6	87.6	88.0	88.1	88.3	88.4
>=1800	40.5	72.7	78.8	81.9	84.5	85.4	87.1	87.7	87.8	88.0	88.2	88.2	88.6	88.6	88.9	89.0
>=1500	40.9	73.3	79.4	82.5	85.1	86.1	87.8	88.4	88.5	88.7	88.9	88.9	89.3	89.3	89.7	89.7
>=1200	41.5	74.1	80.3	83.5	86.2	87.1	89.0	89.6	89.7	89.9	90.1	90.1	90.5	90.5	90.9	90.9
>=1000	42.1	74.9	81.2	84.3	87.1	88.1	90.0	90.6	90.7	90.9	91.1	91.1	91.5	91.6	91.9	92.0
>=900	42.2	75.2	81.6	84.7	87.5	88.6	90.5	91.1	91.2	91.4	91.6	91.6	92.0	92.1	92.4	92.4
>=800	42.7	75.8	82.4	85.6	88.5	89.5	91.4	92.1	92.1	92.4	92.5	92.5	92.9	93.0	93.3	93.4
>=700	42.8	76.0	82.8	86.0	89.0	90.0	92.1	92.7	92.8	93.0	93.2	93.2	93.6	93.6	94.0	94.0
>=600	42.9	76.6	83.4	86.8	89.8	91.0	93.2	93.8	93.9	94.1	94.3	94.3	94.7	94.8	95.1	95.2
>=500	43.0	77.1	83.9	87.5	90.6	91.9	94.2	94.8	94.9	95.2	95.4	95.4	95.8	95.9	96.3	96.3
>=400	43.1	77.4	84.4	88.1	91.3	92.6	95.0	95.6	95.7	96.0	96.3	96.3	96.7	96.7	97.2	97.3
>=300	43.2	77.5	84.8	88.6	91.9	93.2	95.6	96.3	96.4	96.9	97.1	97.1	97.6	97.7	98.2	98.3
>=200	43.2	77.5	84.8	88.6	92.2	93.6	96.0	96.9	97.0	97.6	97.9	97.9	98.4	98.5	99.2	99.4
>=100	43.2	77.5	84.8	88.6	92.2	93.6	96.0	97.0	97.1	97.8	98.1	98.1	98.7	98.9	99.7	100.0
>= 0	43.2	77.5	84.8	88.6	92.2	93.6	96.0	97.0	97.1	97.8	98.1	98.1	98.7	98.9	99.7	100.0

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	39.0	52.7	54.1	54.5	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=20000	42.6	57.6	59.1	59.6	59.8	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>=18000	43.0	58.1	59.6	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=16000	43.3	58.4	59.9	60.4	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=14000	44.4	59.7	61.4	61.9	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=12000	45.7	61.9	63.7	64.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=10000	47.2	64.8	66.5	67.2	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=9000	47.7	65.4	67.1	67.9	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>=8000	48.3	66.5	68.3	69.0	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=7000	48.7	66.9	68.7	69.4	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=6000	48.7	67.2	69.0	69.8	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=5000	49.3	67.8	69.7	70.5	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>=4500	49.5	68.1	70.0	70.8	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>=4000	50.0	68.7	70.6	71.3	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>=3500	51.5	70.3	72.2	73.1	73.6	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>=3000	53.9	73.3	75.2	76.1	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>=2500	57.5	78.0	80.2	81.0	81.5	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=2000	61.7	83.3	85.7	86.6	87.1	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
>=1800	63.1	85.0	87.5	88.5	89.0	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=1500	64.9	87.9	90.4	91.7	92.1	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>=1200	66.1	90.0	92.6	94.0	94.6	95.1	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
>=1000	66.7	91.0	93.7	95.1	95.7	96.3	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0
>=900	66.7	91.3	94.2	95.6	96.3	96.9	97.2	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
>=800	66.7	91.5	94.4	96.0	96.6	97.2	97.6	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
>=700	66.8	91.8	94.7	96.3	97.0	97.6	98.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
>=600	66.8	92.0	94.8	96.5	97.5	98.1	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2
>=500	66.8	92.2	95.1	96.7	97.8	98.4	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
>=400	66.8	92.4	95.2	96.9	97.9	98.6	99.3	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>=300	66.8	92.4	95.2	96.9	97.9	98.6	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>=200	66.8	92.4	95.2	96.9	97.9	98.6	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>=100	66.8	92.4	95.2	96.9	97.9	98.6	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>=0	66.8	92.4	95.2	96.9	97.9	98.6	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUN
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	34.1	45.2	46.7	47.2	47.2	47.5	47.5	47.5	47.5	47.5
>=20000	38.1	51.1	52.7	53.3	53.3	53.5	53.5	53.5	53.5	53.5
>=18000	38.4	51.4	53.0	53.6	53.6	53.8	53.8	53.8	53.8	53.8
>=16000	38.6	51.6	53.3	53.8	53.8	54.1	54.1	54.1	54.1	54.1
>=14000	39.5	52.5	54.4	55.1	55.1	55.3	55.3	55.3	55.3	55.3
>=12000	41.1	54.8	56.7	57.6	57.6	57.9	57.9	57.9	57.9	57.9
>=10000	42.3	56.7	58.7	59.6	59.6	59.9	59.9	59.9	59.9	59.9
>=9000	42.4	57.1	59.1	60.0	60.0	60.3	60.3	60.3	60.3	60.3
>=8000	43.2	58.7	60.8	61.7	61.7	62.0	62.0	62.0	62.0	62.0
>=7000	43.6	59.5	61.5	62.4	62.4	62.8	62.8	62.8	62.8	62.8
>=6000	44.3	60.4	62.5	63.4	63.4	63.8	63.8	63.8	63.8	63.8
>=5000	45.5	62.0	64.1	64.9	64.9	65.4	65.4	65.4	65.4	65.4
>=4500	47.1	64.0	66.1	66.9	66.9	67.4	67.4	67.4	67.4	67.4
>=4000	50.1	67.8	69.9	70.8	70.8	71.3	71.3	71.3	71.3	71.3
>=3500	54.1	72.7	74.9	75.8	75.8	76.4	76.4	76.4	76.4	76.4
>=3000	59.2	79.0	81.6	82.8	82.8	83.4	83.4	83.4	83.4	83.4
>=2500	62.7	84.7	87.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7
>=2000	65.4	88.7	91.7	93.6	93.6	94.5	94.5	94.5	94.5	94.5
>=1800	65.7	89.3	92.2	94.1	94.1	95.1	95.1	95.1	95.1	95.1
>=1500	66.1	90.3	93.6	95.5	95.5	96.4	96.4	96.4	96.4	96.4
>=1200	66.5	91.1	94.4	96.7	96.7	97.5	97.5	97.5	97.5	97.5
>=1000	66.7	91.6	95.2	97.4	97.4	98.3	98.3	98.3	98.3	98.3
>=900	66.7	91.7	95.2	97.6	97.6	98.6	98.6	98.6	98.6	98.6
>=800	66.7	91.7	95.2	97.6	97.6	98.6	98.6	98.6	98.6	98.6
>=700	66.7	91.7	95.3	97.7	97.7	98.7	98.7	98.7	98.7	98.7
>=600	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=500	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=400	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=300	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=200	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=100	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8
>=0	66.7	91.7	95.4	97.8	97.8	98.8	98.8	98.8	98.8	98.8

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HCUPLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	38.7	52.3	54.4	55.6	55.9	56.0	56.0	56.0	56.0	56.0
>=20000	46.0	61.5	64.3	65.6	65.8	66.0	66.0	66.0	66.0	66.0
>=18000	46.1	61.8	64.6	65.9	66.1	66.2	66.3	66.3	66.3	66.3
>=16000	46.3	62.1	64.8	66.1	66.3	66.4	66.5	66.5	66.5	66.5
>=14000	46.8	63.0	65.9	67.2	67.5	67.6	67.7	67.7	67.7	67.7
>=12000	48.4	65.2	68.3	69.8	70.2	70.2	70.3	70.3	70.3	70.3
>=10000	49.7	67.1	70.2	71.7	72.1	72.2	72.4	72.4	72.4	72.4
>=9000	50.2	67.7	70.9	72.3	72.8	72.9	73.0	73.0	73.0	73.0
>=8000	51.4	69.5	72.8	74.2	74.7	74.8	74.9	74.9	74.9	74.9
>=7000	52.1	70.8	74.1	75.6	76.2	76.3	76.4	76.4	76.4	76.4
>=6000	52.5	71.4	74.8	76.3	76.9	77.0	77.1	77.1	77.1	77.1
>=5000	53.5	72.9	76.4	78.0	78.6	78.7	78.8	78.8	78.8	78.8
>=4500	54.4	74.4	77.9	79.5	80.1	80.2	80.3	80.3	80.3	80.3
>=4000	55.6	76.3	80.0	81.7	82.3	82.4	82.5	82.5	82.5	82.5
>=3500	56.7	79.2	82.1	84.0	84.6	84.7	84.8	84.8	84.8	84.8
>=3000	59.3	82.2	86.7	88.7	89.4	89.4	89.8	89.8	89.8	89.8
>=2500	60.9	84.8	89.4	91.7	92.5	92.6	92.9	92.9	92.9	92.9
>=2000	62.3	87.2	91.9	94.5	95.4	95.5	96.0	96.0	96.0	96.0
>=1800	62.6	87.8	92.5	95.2	96.0	96.1	96.6	96.6	96.6	96.6
>=1500	62.9	88.5	93.3	96.0	97.0	97.1	97.6	97.6	97.6	97.6
>=1200	63.1	88.9	93.8	96.5	97.5	97.5	98.1	98.2	98.3	98.3
>=1000	63.2	89.0	93.9	96.6	97.7	97.9	98.5	98.6	98.7	98.7
>=900	63.2	89.0	94.0	96.7	97.8	97.9	98.7	98.8	98.9	99.0
>=800	63.2	89.0	94.0	96.7	97.8	98.0	98.8	98.9	99.0	99.0
>=700	63.2	89.0	94.1	96.8	97.9	98.2	99.0	99.0	99.0	99.0
>=600	63.3	89.1	94.2	96.9	98.0	98.3	99.1	99.1	99.2	99.2
>=500	63.3	89.1	94.2	96.9	98.1	98.4	99.2	99.3	99.4	99.4
>=400	63.3	89.1	94.2	96.9	98.1	98.5	99.3	99.4	99.5	99.6
>=300	63.3	89.1	94.2	96.9	98.1	98.5	99.3	99.4	99.5	99.6
>=200	63.3	89.1	94.2	96.9	98.1	98.5	99.3	99.4	99.5	99.6
>=100	63.3	89.1	94.2	96.9	98.1	98.5	99.3	99.4	99.5	99.6
>= 0	63.3	89.1	94.2	96.9	98.1	98.5	99.3	99.4	99.5	99.6

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHAPLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	38.4	55.3	58.1	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
>=20000	46.6	66.3	70.5	72.0	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>=18000	46.6	66.8	70.5	72.4	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>=16000	47.1	67.2	70.9	72.8	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>=14000	48.6	69.4	73.2	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>=12000	50.8	72.4	76.6	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=10000	53.1	76.0	80.2	82.4	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>=9000	53.7	76.9	81.2	83.4	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=8000	54.1	78.7	83.0	85.4	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=7000	54.8	79.7	84.0	86.3	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=6000	55.1	80.5	84.8	87.2	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>=5000	55.7	81.5	85.9	88.4	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>=4500	55.9	81.8	86.3	88.7	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>=4000	56.7	83.0	87.5	90.1	90.5	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>=3500	57.1	83.8	88.4	91.0	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=3000	57.4	84.3	88.9	91.6	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=2500	57.8	85.0	89.6	92.3	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>=2000	58.1	85.9	90.6	93.5	94.0	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=1800	58.4	86.3	91.0	93.9	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>=1500	58.9	87.3	92.3	95.2	95.7	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1200	59.6	88.1	93.2	96.0	96.6	97.1	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=1000	59.7	88.3	93.6	96.4	97.1	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=900	59.7	88.4	93.6	96.6	97.2	97.7	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=800	59.9	88.8	94.0	97.0	97.6	98.2	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=700	59.9	88.9	94.1	97.1	97.7	98.3	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=600	59.9	89.0	94.3	97.3	98.0	98.6	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=500	59.9	89.1	94.4	97.4	98.1	98.6	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=400	59.9	89.1	94.4	97.4	98.1	98.7	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=300	59.9	89.1	94.4	97.5	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=200	59.9	89.1	94.4	97.5	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=100	59.9	89.1	94.4	97.5	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=0	59.9	89.1	94.4	97.5	98.2	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	41.0	63.2	65.4	66.4	66.8	66.9	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=20000	45.5	71.5	74.2	75.2	75.7	75.8	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=18000	45.6	71.7	74.3	75.4	75.8	75.9	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>=16000	45.7	71.8	74.4	75.4	75.9	76.0	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=14000	47.3	73.8	76.5	77.5	78.0	78.1	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>=12000	49.5	77.1	79.9	81.0	81.6	81.6	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>=10000	50.5	79.2	82.0	83.2	83.9	83.9	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=9000	51.0	80.4	83.1	84.4	85.1	85.1	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=8000	51.7	81.7	84.5	85.9	86.5	86.6	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=7000	52.5	82.8	85.8	87.1	87.8	87.9	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=6000	52.7	83.1	86.1	87.4	88.2	88.2	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
>=5000	53.1	84.0	87.0	88.6	89.3	89.3	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=4500	53.4	84.5	87.6	89.1	89.8	89.9	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>=4000	53.7	85.4	88.5	90.1	90.9	91.0	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=3500	53.7	85.6	88.7	90.5	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>=3000	54.1	86.4	89.6	91.5	92.3	92.4	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>=2500	54.4	87.1	90.5	92.5	93.4	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=2000	54.5	87.8	91.7	93.6	94.5	94.6	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=1800	54.9	88.5	92.4	94.4	95.2	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>=1500	55.2	89.3	93.3	95.4	96.3	96.5	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=1200	55.2	90.0	94.0	96.2	97.1	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=1000	55.4	90.5	94.8	97.0	97.9	98.1	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=900	55.4	90.5	94.8	97.1	98.0	98.2	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=800	55.4	90.6	94.9	97.1	98.2	98.3	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=700	55.4	90.8	95.2	97.4	98.4	98.6	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=600	55.4	90.9	95.3	97.5	98.6	98.7	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=500	55.4	91.0	95.5	97.7	98.8	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=400	55.4	91.0	95.5	97.7	98.8	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=300	55.4	91.0	95.5	97.7	98.9	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=200	55.4	91.0	95.5	97.7	99.0	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=100	55.4	91.0	95.5	97.8	99.0	99.2	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	55.4	91.0	95.5	97.8	99.0	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUN
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/4
UNLIMIT	34.4	54.1	56.8	58.2	58.8	59.0	59.4	59.6	59.6	59.7
>=20000	39.0	61.3	64.5	66.0	66.6	66.8	67.3	67.4	67.5	67.6
>=18000	39.3	61.6	64.8	66.3	66.9	67.1	67.6	67.8	67.8	68.0
>=16000	39.5	61.8	65.0	66.6	67.2	67.4	67.9	68.0	68.1	68.2
>=14000	40.6	63.4	66.7	68.3	68.9	69.2	69.7	69.8	69.9	70.0
>=12000	42.3	66.0	69.6	71.3	72.0	72.2	72.7	72.9	72.9	73.0
>=10000	43.6	68.3	71.9	73.7	74.4	74.7	75.2	75.4	75.4	75.5
>= 9000	44.1	69.1	72.9	74.6	75.4	75.7	76.2	76.3	76.4	76.5
>= 8000	44.8	70.7	74.4	76.3	77.1	77.3	77.9	78.0	78.1	78.2
>= 7000	45.3	71.6	75.4	77.3	78.1	78.4	78.9	79.1	79.1	79.2
>= 6000	45.7	72.2	76.1	78.0	78.9	79.1	79.7	79.8	79.9	80.0
>= 5000	46.4	73.3	77.2	79.2	80.1	80.3	80.9	81.0	81.1	81.2
>= 4500	46.8	74.0	78.0	80.0	80.8	81.1	81.6	81.8	81.9	82.0
>= 4000	47.7	75.2	79.3	81.3	82.2	82.5	83.0	83.3	83.4	83.5
>= 3500	48.6	76.5	80.7	82.8	83.7	84.0	84.5	84.7	84.8	84.9
>= 3000	50.1	78.7	83.0	85.1	86.1	86.4	87.0	87.2	87.2	87.3
>= 2500	51.4	80.7	85.1	87.4	88.4	88.7	89.4	89.6	89.6	89.7
>= 2000	52.6	82.6	87.2	89.7	90.7	91.0	91.7	91.9	92.0	92.1
>= 1800	53.0	83.2	87.9	90.3	91.4	91.7	92.4	92.6	92.7	92.8
>= 1500	53.6	84.3	89.2	91.7	92.8	93.1	93.9	94.1	94.1	94.3
>= 1200	54.1	85.3	90.2	92.8	94.0	94.3	95.1	95.3	95.4	95.5
>= 1000	54.3	85.8	90.8	93.5	94.7	95.0	95.8	96.1	96.2	96.3
>= 900	54.4	86.0	91.0	93.7	94.9	95.3	96.2	96.5	96.5	96.7
>= 800	54.5	86.2	91.3	94.0	95.3	95.7	96.6	96.9	96.9	97.1
>= 700	54.5	86.3	91.5	94.3	95.5	96.0	96.9	97.2	97.2	97.4
>= 600	54.6	86.5	91.7	94.5	95.9	96.3	97.3	97.6	97.6	97.8
>= 500	54.6	86.7	91.9	94.8	96.2	96.7	97.7	98.0	98.0	98.3
>= 400	54.6	86.8	92.0	94.9	96.4	96.9	97.9	98.3	98.3	98.6
>= 300	54.6	86.9	92.1	95.1	96.5	97.0	98.1	98.5	98.5	98.8
>= 200	54.6	86.9	92.2	95.2	96.7	97.1	98.3	98.7	98.7	99.1
>= 100	54.6	86.9	92.2	95.2	96.7	97.2	98.3	98.7	98.8	99.2
>= 0	54.6	86.9	92.2	95.2	96.7	97.2	98.3	98.7	98.8	99.2

TOTAL NO. OF OBS : 10070

1 - SURFACE WINDS

U13680 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>56						
N	1.7	2.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	5.0	4.6				
NNE	1.6	3.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	6.8	5.0				
NE	.8	2.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.8	5.1				
ENE	.8	1.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	2.4	4.7				
E	.3	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.4				
ESE	.6	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.6	4.5				
SE	1.1	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.1				
SSE	1.4	2.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	4.8	5.2				
S	3.6	6.6	2.5	.2	.1	.0	.0	.0	.0	.0	.0	13.1	5.0				
SSW	2.2	6.0	3.8	.6	.2	.0	.0	.0	.0	.0	.0	14.7	6.0				
SW	1.5	5.2	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	12.7	6.6				
WSW	.4	3.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.4				
W	.8	1.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.4				
WNW	.2	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	1.9	6.1				
NW	.3	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0				
NNW	1.1	2.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.5	4.7				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.1	.0				
ALL	16.4	44.9	27.4	3.1	.3	.0	.0	.0	.0	.0	.0	100.0	4.8				

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0400 LST

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

16 PT.		SPEED (KNOTS)																TOTAL	MEAN
DIR.		1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	%	WIND	SPEED
N		2.2			3.8		1.4		.1	.0	.0	.0	.0	.0	.0	.0	7.5	4.9	
NNE		1.4			3.7		1.2		.1	.0	.0	.0	.0	.0	.0	.0	6.4	5.1	
NE		1.5			2.2		1.2		.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.0	
NNE		.6			.9		.3		.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5	
E		1.1			.6		.0		.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.3	
ESE		.4			.9		.2		.1	.0	.0	.0	.0	.0	.0	.0	1.5	4.8	
SE		1.0			1.2		.0		.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.7	
SSE		1.0			2.2		.5		.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.7	
S		2.6			4.6		.8		.0	.0	.0	.0	.0	.0	.0	.0	8.0	4.4	
SSW		1.7			6.0		2.4		.2	.0	.0	.0	.0	.0	.0	.0	10.4	5.7	
SW		.5			4.8		5.7		.6	.0	.0	.0	.0	.0	.0	.0	11.6	6.8	
WSW		1.4			3.7		3.8		.2	.0	.0	.0	.0	.0	.0	.0	9.0	6.1	
W		1.5			3.2		1.8		.2	.0	.0	.0	.0	.0	.0	.0	6.7	5.6	
WNW		.4			1.5		.7		.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.5	
NW		.7			1.4		.2		.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.5	
NNW		1.3			2.7		.4		.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.5	
VAR		.0			.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM		.0			.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	15.4	.0	
ALL		19.2			43.3		20.4		1.5	.2	.0	.0	.0	.0	.0	.0	100.0	4.5	

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0700 LST

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

16 DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	#	MEAN WIND SPEED
N	1.1	3.2	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.8	
NNE	1.2	4.1	2.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	6.1	
NE	1.0	2.0	2.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.3	
ENE	.8	2.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.1	
E	.7	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.3	
ESE	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.1	
SE	.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.7	
SSE	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.3	
S	1.0	3.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.5	
SSW	.8	3.5	3.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	6.5	
SW	1.0	3.8	6.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5	7.6	
WSW	.8	4.4	7.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	7.3	
W	.5	3.1	5.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	7.0	
WNW	.3	1.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	6.2	
NW	.6	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.8	
NNW	.8	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	.0	
ALL	12.8	38.1	35.9	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.8	

TOTAL NO. OF OBS : 1302

NOTES : # = PERCENT < .05

U1386C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1000 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL Σ	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>56							
N	.4	2.6	2.3	.4	.0	.0	.0	.0	.0	.0	.0	5.7	6.8					
NNE	.2	1.3	2.6	.5	.0	.0	.0	.0	.0	.0	.0	4.6	7.5					
NE	.6	1.6	7.1	.8	.0	.0	.0	.0	.0	.0	.0	6.2	7.7					
ENE	.3	1.6	2.1	.6	.1	.0	.0	.0	.0	.0	.0	4.9	7.8					
E	.4	1.2	2.5	.5	.0	.0	.0	.0	.0	.0	.0	4.5	7.7					
ESE	.4	1.0	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.1	6.9					
SE	.2	.5	1.3	.1	.0	.0	.0	.0	.0	.0	.0	2.2	7.0					
SSE	.1	1.2	1.9	.1	.1	.0	.0	.0	.0	.0	.0	3.4	7.4					
S	.3	2.4	2.6	.5	.0	.0	.0	.0	.0	.0	.0	5.8	6.8					
SSW	.3	2.9	4.8	1.2	.1	.0	.0	.0	.0	.0	.0	9.4	7.8					
SW	.8	3.5	7.1	3.0	.2	.0	.0	.0	.0	.0	.0	14.6	8.4					
WSW	.2	2.7	7.4	2.2	.2	.0	.0	.0	.0	.0	.0	12.7	8.4					
W	.5	2.5	5.4	1.3	.2	.0	.0	.0	.0	.0	.0	9.9	8.0					
WNW	.3	1.5	2.6	.2	.0	.0	.0	.0	.0	.0	.0	4.6	7.1					
NW	.6	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.0					
NNW	.2	1.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.1	6.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	.0					
ALL	6.0	29.9	49.2	12.3	.8	.0	.0	.0	.0	.0	.0	100.0	7.5					

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.5	1.6	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.0
NNE	.3	1.1	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.7
NE	.2	1.0	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.5
ENE	.0	.7	1.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	9.3
E	.3	.7	1.9	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	9.6
ESE	.3	1.8	2.2	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.8
SE	.1	1.7	2.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	9.1
SSE	.2	1.5	2.5	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	9.1
S	.5	2.1	6.5	2.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	9.2
SSW	.5	2.8	6.1	2.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	8.5
SW	.3	2.5	5.5	3.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	8.7
WSW	.2	2.3	4.2	2.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	9.2
W	.4	.9	4.5	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	8.9
WNW	.2	1.2	1.8	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.2
NW	.0	.7	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
NNW	.1	1.2	1.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
ALL	4.0	23.6	46.1	24.3	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.7

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	.1	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.3	7.2				
NNE	.1	.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.4				
NE	.2	.5	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.7	7.8				
ENE	.4	.4	1.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.8				
E	.1	1.4	2.1	2.2	.2	.0	.0	.0	.0	.0	.0	.0	5.8	9.6				
ESE	.2	.9	3.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	6.8	9.6				
SE	.4	1.6	5.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	9.6	8.9				
SSE	.4	1.6	5.8	4.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	9.5				
S	.4	1.6	8.1	10.1	.8	.1	.0	.0	.0	.0	.0	.0	21.0	10.7				
SSW	.2	.9	6.6	4.5	.5	.0	.0	.0	.0	.0	.0	.0	12.8	10.2				
SW	.1	1.2	2.7	2.4	.5	.0	.0	.0	.0	.0	.0	.0	6.8	10.2				
WSW	.2	.9	2.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.5				
W	.3	.6	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	4.5	9.0				
WNW	.0	.5	1.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.1	8.6				
NW	.1	.5	.9	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.9	8.9				
NNW	.1	.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.8	8.2				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0				
ALL	3.1	14.5	46.0	33.2	2.2	.2	.0	.0	.0	.0	.0	.0	100.0	9.5				

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL		MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	
N	.2	1.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.2	6.4
NNE	.2	.7	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.6	6.8
NE	.4	1.4	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.9	6.6
ENE	.3	.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.0	7.7
E	.4	1.8	3.2	.6	.0	.0	.0	.0	.0	.0	.0	6.2	7.6
ESE	.5	1.9	2.8	.1	.0	.0	.0	.0	.0	.0	.0	5.3	6.7
SE	.8	3.2	3.5	.2	.0	.0	.0	.0	.0	.0	.0	7.7	6.5
SSE	1.4	4.1	4.7	.4	.1	.0	.0	.0	.0	.0	.0	10.7	6.6
S	.8	7.8	15.4	3.8	.2	.0	.0	.0	.0	.0	.0	28.1	8.0
SSW	.5	3.9	8.7	3.1	.3	.0	.0	.0	.0	.0	.0	16.6	8.4
SW	.7	1.8	3.1	.5	.2	.0	.0	.0	.0	.0	.0	6.3	7.3
WSW	.0	1.2	1.2	.6	.1	.0	.0	.0	.0	.0	.0	3.0	8.0
W	.3	1.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
WNW	.1	.3	.2	.3	.0	.0	.0	.0	.0	.0	.0	.9	7.8
NW	.0	.5	.2	.0	.0	.1	.0	.0	.0	.0	.0	.7	8.0
NNW	.1	.5	.2	.2	.1	.0	.0	.0	.0	.0	.0	.9	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0
ALL	6.8	32.2	47.1	11.6	.9	.1	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 2200 LST

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

16 PT.	DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
		1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	.9		1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.7	4.8	
NNE	.6		3.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.9	
NE	.9		2.3	.9	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.5	
ENE	.2		2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.2	5.5	
E	.7		2.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.0	
ESE	.5		2.1	.3	.0	.0	.0	.1	.0	.0	.0	.0	3.0	5.3	
SE	.8		3.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	4.8	4.9	
SSE	1.5		4.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.2	
S	3.0		13.2	5.6	1.2	.0	.0	.0	.0	.0	.0	.0	23.0	5.8	
SSW	1.7		7.6	7.2	1.2	.0	.0	.0	.0	.0	.0	.0	17.7	6.6	
SW	.7		4.1	2.5	.5	.0	.0	.0	.0	.0	.0	.0	7.9	6.5	
WSW	.4		2.2	1.4	.4	.0	.0	.0	.0	.0	.0	.0	4.3	6.4	
W	.2		.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.2	7.0	
WNW	.4		1.0	.0	.0	1	.0	.0	.0	.0	.0	.0	1.5	5.2	
NW	.3		.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.8	
NNW	.5		.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.1	
VAR	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL	13.4		50.6	23.6	4.1	.1	.0	.1	.0	.0	.0	.0	100.0	5.3	

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : ALL

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

16 PT. DIR.	1	- 3	4	- 6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL %					MEAN WIND SPEED
								22-27	28-33	34-40	41-47	48-55	>=56					
N	.9	2.2			1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.5	5.8			
NJE	.7	2.3			1.4	.2	.0	.0	.0	.0	.0	.0	.0	4.6	6.0			
NE	.7	1.7			1.6	.4	.0*	.0	.0	.0	.0	.0	.0	4.4	6.6			
ENE	.4	1.2			1.1	.4	.0*	.0	.0	.0	.0	.0	.0	3.2	6.9			
E	.5	1.3			1.3	.7	.0*	.0	.0	.0	.0	.0	.0	3.8	7.5			
ESE	.5	1.2			1.3	.6	.0*	.0	.0*	.0	.0	.0	.0	3.6	7.4			
SE	.6	1.8			1.6	.6	.0	.0	.0	.0	.0	.0	.0	4.6	6.9			
SSE	.9	2.2			2.3	.9	.0*	.0	.0	.0	.0	.0	.0	6.3	7.1			
S	1.5	5.2			5.4	2.4	.2	.0*	.0	.0	.0	.0	.0	14.7	7.4			
SSW	1.0	4.5			5.2	1.7	.2	.0	.0	.0	.0	.0	.0	12.7	7.5			
SW	.7	3.4			4.8	1.6	.1	.0	.0	.0	.0	.0	.0	10.6	7.7			
WSW	.4	2.6			4.0	1.0	.0*	.0	.0	.0	.0	.0	.0	8.0	7.6			
W	.6	1.8			2.5	.7	.0*	.0	.0	.0	.0	.0	.0	5.7	7.4			
WNW	.2	1.1			1.0	.2	.0*	.0	.0	.0	.0	.0	.0	2.6	6.9			
NW	.3	.9			.5	.1	.0*	.0*	.0	.0	.0	.0	.0	1.9	6.1			
NNW	.5	1.3			.7	.1	.0*	.0*	.0	.0	.0	.0	.0	2.6	5.8			
VAR	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	.0			
ALL	10.5	34.6			36.1	11.9	.7	.1	.0*	.0	.0	.0	.0	100.0	6.7			

TOTAL NO. OF OBS : 10416

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	36.1	60.1	64.4	66.7	67.7	67.7	68.1	68.2	68.2	68.3
>=20000	39.9	67.3	71.9	74.3	75.5	75.5	76.0	76.0	76.0	76.1
>=18000	40.2	67.5	72.1	74.6	75.7	75.7	76.3	76.3	76.3	76.4
>=16000	40.7	68.1	72.7	75.2	76.3	76.3	76.9	77.0	77.0	77.0
>=14000	42.9	70.9	75.6	78.3	79.4	79.4	80.0	80.0	80.1	80.1
>=12000	44.9	74.3	79.1	82.0	83.3	83.3	83.9	83.9	84.0	84.0
>=10000	46.4	77.0	82.0	85.1	86.4	86.4	86.9	87.0	87.1	87.1
>= 9000	46.9	78.1	83.3	86.3	87.6	87.6	88.2	88.2	88.3	88.3
>= 8000	47.4	79.3	84.5	87.6	88.9	88.9	89.5	89.6	89.6	89.6
>= 7000	48.1	80.1	85.4	88.5	89.9	89.9	90.4	90.5	90.6	90.6
>= 6000	48.4	80.9	86.3	89.5	90.9	90.9	91.4	91.5	91.6	91.6
>= 5000	49.0	82.0	87.3	90.6	92.0	92.0	92.5	92.6	92.7	92.7
>= 4500	49.1	82.4	87.8	91.0	92.5	92.5	93.0	93.1	93.2	93.2
>= 4000	49.2	82.7	88.1	91.5	93.0	93.0	93.5	93.6	93.7	93.7
>= 3500	49.2	82.9	88.2	91.6	93.2	93.2	93.8	93.9	93.9	93.9
>= 3000	49.3	83.2	88.6	92.0	93.6	93.7	94.4	94.5	94.5	94.5
>= 2500	49.5	83.5	89.1	92.6	94.3	94.4	95.1	95.2	95.2	95.2
>= 2000	49.5	84.3	89.9	93.5	95.2	95.2	96.0	96.0	96.1	96.1
>= 1800	49.7	84.6	90.2	93.9	95.5	95.6	96.3	96.4	96.5	96.5
>= 1500	49.9	85.4	91.1	94.7	96.4	96.5	97.2	97.2	97.3	97.3
>= 1200	50.0	85.8	91.6	95.2	96.9	97.0	97.7	97.8	97.8	97.8
>= 1000	50.1	85.9	91.7	95.3	97.2	97.2	97.9	98.0	98.1	98.1
>= 900	50.1	85.9	91.7	95.3	97.2	97.3	98.0	98.1	98.2	98.2
>= 800	50.1	85.9	91.7	95.4	97.3	97.5	98.2	98.3	98.4	98.4
>= 700	50.1	86.1	91.9	95.6	97.6	97.8	98.5	98.6	98.7	98.7
>= 600	50.2	86.3	92.2	95.9	97.9	98.1	98.8	98.9	99.0	99.0
>= 500	50.2	86.6	92.5	96.2	98.2	98.4	99.2	99.2	99.3	99.3
>= 400	50.2	86.7	92.6	96.4	98.5	98.6	99.4	99.5	99.5	99.5
>= 300	50.2	86.9	92.8	96.6	98.8	98.9	99.7	99.8	99.8	99.8
>= 200	50.2	86.9	92.8	96.6	98.8	98.9	99.8	99.9	100.0	100.0
>= 100	50.2	86.9	92.8	96.6	98.8	98.9	99.8	99.9	100.0	100.0
>= U	50.2	86.9	92.8	96.6	98.8	98.9	99.8	99.9	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13850 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUL
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>6	>5	>4	>3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	30.9	58.3	63.4	67.1	68.6	68.7	69.5	69.7	70.1	70.2	70.2	70.7	70.8	71.0	71.0
>=20000	33.3	63.3	69.1	73.2	74.7	75.0	75.8	76.0	76.4	76.5	76.5	77.0	77.1	77.3	77.3
>=18000	33.4	63.4	69.2	73.3	74.8	75.0	75.9	76.0	76.5	76.6	76.6	77.0	77.2	77.3	77.4
>=16000	33.6	63.7	69.5	73.6	75.1	75.3	76.2	76.3	76.8	76.9	76.9	77.3	77.5	77.6	77.7
>=14000	34.9	65.5	71.4	75.7	77.3	77.6	78.4	78.6	79.0	79.1	79.1	79.6	79.7	79.9	80.0
>=12000	35.9	68.4	74.4	78.7	80.3	80.6	81.4	81.6	82.0	82.1	82.1	82.6	82.7	82.9	82.9
>=10000	37.4	71.0	77.1	81.5	83.1	83.3	84.2	84.3	84.9	84.9	84.9	85.4	85.6	85.7	85.8
>=9000	37.8	72.1	78.3	82.6	84.4	84.6	85.5	85.6	86.2	86.3	86.3	86.7	86.9	87.0	87.1
>=8000	38.2	73.0	79.3	83.7	85.6	85.8	86.6	86.8	87.3	87.4	87.4	87.9	88.0	88.2	88.2
>=7000	38.8	74.1	80.5	84.9	86.8	87.0	87.9	88.0	88.6	88.6	88.6	89.1	89.2	89.4	89.5
>=6000	39.0	74.7	81.2	85.6	87.6	87.8	88.6	88.8	89.3	89.4	89.4	89.9	90.0	90.2	90.2
>=5000	39.3	75.4	81.9	86.4	88.5	88.7	89.6	89.7	90.2	90.3	90.3	90.8	90.9	91.1	91.2
>=4500	39.6	76.0	82.6	87.2	89.2	89.5	90.3	90.5	91.0	91.1	91.1	91.6	91.7	91.9	91.9
>=4000	39.7	76.3	82.9	87.5	89.6	89.9	90.7	90.9	91.4	91.5	91.5	91.9	92.1	92.2	92.3
>=3500	39.8	76.6	83.3	87.8	89.9	90.2	91.0	91.2	91.7	91.8	91.8	92.2	92.4	92.5	92.6
>=3000	40.0	77.2	83.9	88.4	90.6	90.8	91.6	91.8	92.3	92.4	92.4	92.9	93.0	93.2	93.2
>=2500	40.2	77.3	84.1	88.6	90.9	91.1	92.0	92.2	92.7	92.8	92.8	93.2	93.4	93.5	93.6
>=2000	40.3	78.0	84.9	89.5	91.8	92.0	92.9	93.1	93.7	93.8	93.8	94.2	94.4	94.5	94.6
>=1800	40.5	78.1	85.3	89.9	92.2	92.4	93.3	93.5	94.1	94.2	94.2	94.6	94.8	94.9	95.0
>=1500	40.6	78.5	85.6	90.3	92.6	92.9	93.8	94.0	94.6	94.7	94.7	95.2	95.3	95.5	95.5
>=1200	40.6	79.0	86.1	90.8	93.1	93.3	94.2	94.5	95.1	95.2	95.2	95.6	95.8	95.9	96.0
>=1000	40.8	79.1	86.3	91.1	93.5	93.7	94.6	94.9	95.5	95.6	95.6	96.1	96.2	96.4	96.5
>=900	40.9	79.5	86.8	91.6	93.9	94.2	95.1	95.4	96.0	96.1	96.1	96.5	96.7	96.9	96.9
>=800	40.9	79.6	86.9	91.6	94.1	94.3	95.2	95.5	96.2	96.2	96.2	96.7	96.9	97.0	97.1
>=700	40.9	79.6	87.0	91.8	94.3	94.5	95.5	95.9	96.5	96.5	96.5	97.0	97.2	97.3	97.4
>=600	41.0	79.6	87.2	91.9	94.5	94.7	95.7	96.0	96.6	96.7	96.7	97.2	97.3	97.5	97.5
>=500	41.0	79.8	87.4	92.2	94.7	94.9	95.9	96.2	96.9	96.9	96.9	97.4	97.5	97.7	97.8
>=400	41.1	80.1	87.6	92.6	95.2	95.5	96.5	96.8	97.4	97.5	97.5	97.9	98.1	98.2	98.3
>=300	41.2	80.3	88.1	93.1	95.7	95.9	96.9	97.3	97.9	98.1	98.1	98.5	98.7	98.8	98.9
>=200	41.3	80.5	88.3	93.4	96.0	96.2	97.4	97.8	98.5	98.6	98.6	99.2	99.4	99.5	99.6
>=100	41.3	80.5	88.3	93.4	96.0	96.2	97.4	97.8	98.5	98.6	98.6	99.2	99.4	99.5	99.6
>=0	41.3	80.5	88.3	93.4	96.0	96.2	97.4	97.8	98.5	98.6	98.6	99.2	99.5	99.8	100.0

TOTAL NO. OF CRS : 1302

2 - CEILING VS VISIBILITY

613880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	33.8	54.7	57.9	60.3	62.3	62.8	64.1	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9
>=20000	37.3	60.0	62.6	66.1	68.2	68.8	70.2	70.6	70.7	70.9	71.0	71.0	71.0	71.0	71.2	71.2
>=18000	37.6	60.2	63.8	66.3	68.5	69.1	70.5	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.5	71.5
>=16000	37.6	60.4	64.1	66.5	68.7	69.4	70.7	71.1	71.2	71.4	71.5	71.5	71.5	71.5	71.7	71.7
>=14000	39.4	63.1	66.7	69.2	71.6	72.2	73.6	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.6	74.6
>=12000	41.6	66.5	70.5	73.1	75.5	76.2	77.6	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.6	78.6
>=10000	43.9	69.9	74.0	76.9	79.3	80.0	81.4	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.4	82.4
>=9000	44.5	71.0	75.3	78.1	80.6	81.3	82.9	83.3	83.4	83.6	83.7	83.7	83.7	83.7	83.9	83.9
>=8000	44.9	72.3	76.6	79.4	82.0	82.7	84.3	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.3	85.3
>=7000	45.1	72.6	77.0	79.8	82.5	83.2	84.9	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.9	85.9
>=6000	45.5	73.2	77.7	80.6	83.3	84.0	85.7	86.1	86.2	86.4	86.5	86.5	86.5	86.5	86.7	86.7
>=5000	45.7	73.8	78.4	81.3	84.1	84.8	86.6	87.0	87.1	87.3	87.4	87.4	87.4	87.4	87.6	87.6
>=4500	45.9	74.1	78.7	81.6	84.5	85.2	86.9	87.4	87.5	87.7	87.8	87.8	87.8	87.8	88.0	88.0
>=4000	46.1	74.5	79.3	82.2	85.0	85.7	87.5	87.9	88.0	88.2	88.3	88.3	88.3	88.3	88.6	88.6
>=3500	46.4	75.0	79.8	82.8	85.7	86.4	88.2	88.6	88.7	88.9	89.0	89.0	89.0	89.0	89.2	89.2
>=3000	46.5	75.2	80.0	83.2	86.2	86.9	88.7	89.2	89.2	89.5	89.6	89.6	89.6	89.6	89.8	89.8
>=2500	46.7	75.5	80.3	83.5	86.6	87.4	89.2	89.8	89.9	90.1	90.2	90.2	90.2	90.2	90.4	90.4
>=2000	46.9	76.0	81.1	84.3	87.5	88.2	90.2	90.8	90.9	91.1	91.2	91.2	91.2	91.2	91.4	91.4
>=1800	47.0	76.3	81.5	84.6	87.9	88.7	90.6	91.2	91.3	91.6	91.7	91.7	91.7	91.7	91.9	91.9
>=1500	47.1	76.5	81.9	85.2	88.6	89.4	91.3	91.9	92.0	92.2	92.4	92.4	92.4	92.4	92.6	92.6
>=1200	47.3	77.1	82.6	86.0	89.6	90.3	92.2	92.9	93.0	93.2	93.4	93.4	93.4	93.4	93.6	93.6
>=1000	47.5	77.4	82.9	86.5	90.2	91.0	93.0	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.4	94.4
>=900	47.8	77.8	83.3	86.9	90.6	91.4	93.4	94.1	94.2	94.4	94.5	94.5	94.5	94.5	94.8	94.8
>=800	47.8	78.0	83.5	87.1	90.9	91.8	93.8	94.5	94.5	94.9	95.0	95.0	95.0	95.0	95.2	95.2
>=700	47.9	78.3	84.0	87.6	91.5	92.3	94.4	95.1	95.2	95.5	95.6	95.6	95.6	95.6	95.9	95.9
>=600	47.9	78.4	84.2	87.8	91.6	92.5	94.7	95.4	95.5	95.8	95.9	95.9	95.9	95.9	96.2	96.2
>=500	48.0	78.6	84.6	88.2	92.1	93.0	95.2	96.0	96.1	96.4	96.5	96.5	96.5	96.5	96.9	96.9
>=400	48.0	79.0	85.0	88.9	92.9	93.9	96.1	96.9	97.1	97.3	97.5	97.5	97.5	97.5	97.8	97.8
>=300	48.0	79.3	85.4	89.4	93.5	94.5	97.2	97.8	98.1	98.5	98.6	98.6	98.6	98.6	99.2	99.2
>=200	48.0	79.3	85.5	89.5	93.5	94.7	97.3	98.2	98.5	99.1	99.2	99.2	99.2	99.2	99.9	99.9
>=100	48.0	79.3	85.5	89.5	93.5	94.7	97.3	98.2	98.5	99.2	99.3	99.3	99.3	99.3	100.0	100.0
>=	49.0	79.3	85.5	89.5	93.5	94.7	97.3	98.2	98.5	99.2	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	36.7	50.5	51.9	52.8	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=20000	40.7	56.1	57.6	58.6	59.8	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>=18000	40.9	56.3	57.8	58.8	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>=16000	41.5	56.9	58.4	59.4	60.7	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=14000	43.0	59.1	60.7	61.8	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=12000	45.0	62.0	63.8	64.9	66.2	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=10000	47.2	65.0	66.9	68.0	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>=9000	47.6	66.2	68.1	69.2	70.5	70.8	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>=8000	48.5	67.7	69.6	70.7	72.0	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>=7000	49.2	68.9	70.8	71.9	73.2	73.5	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=6000	49.5	69.5	71.4	72.5	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>=5000	49.8	70.0	72.0	73.1	74.7	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=4500	50.1	70.3	72.3	73.5	75.0	75.3	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>=4000	50.4	70.7	72.7	73.9	75.4	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=3500	50.9	71.4	73.3	74.6	76.1	76.4	76.5	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>=3000	53.4	74.5	76.7	78.0	79.5	79.8	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>=2500	58.2	80.0	82.5	83.9	85.5	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=2000	61.2	83.9	86.7	88.2	89.7	90.0	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=1800	62.3	85.2	88.1	89.6	91.1	91.4	91.5	91.6	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>=1500	63.9	87.5	90.6	92.2	93.7	94.0	94.1	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>=1200	65.1	89.6	92.9	94.4	95.9	96.2	96.3	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
>=1000	65.6	90.7	93.9	95.5	97.1	97.4	97.5	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
>=900	65.7	91.1	94.3	96.0	97.6	97.9	98.0	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
>=800	65.7	91.4	94.6	96.5	98.2	98.5	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
>=700	65.7	91.4	94.6	96.5	98.2	98.5	98.5	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
>=600	65.7	91.4	94.6	96.6	98.4	98.7	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>=500	65.7	91.4	94.6	96.6	98.5	98.8	99.1	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
>=400	65.7	91.4	94.6	96.7	98.5	98.8	99.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>=300	65.7	91.4	94.6	96.9	98.7	99.0	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>=200	65.7	91.4	94.6	96.9	98.7	99.0	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>=100	65.7	91.4	94.6	96.9	98.7	99.0	99.3	99.5	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0
>=0	65.7	91.4	94.6	96.9	98.7	99.0	99.3	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	28.1	38.6	40.6	41.2	41.9	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
>=20000	33.6	46.1	48.2	48.8	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
>=18000	33.8	46.2	48.3	49.0	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=16000	34.3	47.0	49.1	49.8	50.5	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
>=14000	36.0	49.4	51.5	52.2	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=12000	38.1	52.6	55.1	55.9	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
>=10000	39.9	55.7	58.1	59.1	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>=9000	40.2	56.3	58.6	59.8	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=8000	40.6	57.2	59.8	60.7	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=7000	41.2	58.1	60.7	61.6	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=6000	41.4	58.5	61.1	62.1	63.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=5000	42.2	59.9	62.5	63.4	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=4500	42.9	60.8	63.5	64.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=4000	45.2	63.5	66.4	67.3	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>=3500	48.9	68.6	71.5	72.6	73.7	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=3000	57.0	78.3	81.6	82.9	84.3	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>=2500	61.9	84.7	88.6	89.8	91.4	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>=2000	63.9	87.6	91.8	93.1	94.8	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
>=1800	64.4	88.4	92.5	93.9	95.5	95.9	96.3	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5
>=1500	64.8	89.4	93.7	95.0	96.9	97.3	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9
>=1200	65.1	89.8	94.2	95.6	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
>=1000	65.1	89.9	94.4	95.9	97.9	98.3	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0
>=900	65.1	89.9	94.5	95.9	98.0	98.4	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
>=800	65.2	90.2	94.8	96.3	98.4	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=700	65.2	90.2	94.9	96.4	98.5	98.9	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
>=600	65.2	90.2	94.9	96.5	98.5	98.9	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
>=500	65.2	90.2	94.9	96.5	98.5	98.9	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
>=400	65.2	90.2	94.9	96.5	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=300	65.2	90.2	94.9	96.5	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=200	65.2	90.2	94.9	96.5	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=100	65.2	90.2	94.9	96.5	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=0	65.2	90.2	94.9	96.5	98.5	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : JUL
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	34.4	47.1	49.6	50.2	51.1	51.2	51.2	51.2	51.2	51.2
>=20000	42.2	57.2	60.5	61.4	62.4	62.6	62.6	62.6	62.6	62.6
>=18000	42.9	57.8	61.1	62.1	63.0	63.2	63.2	63.2	63.2	63.2
>=16000	43.1	58.1	61.4	62.4	63.4	63.6	63.6	63.6	63.6	63.6
>=14000	44.3	59.8	63.1	64.2	65.1	65.4	65.4	65.4	65.4	65.4
>=12000	45.7	62.6	66.4	67.7	68.6	68.8	68.8	68.8	68.8	68.8
>=10000	47.6	66.0	69.7	71.3	72.2	72.4	72.4	72.4	72.4	72.4
>= 9000	48.1	67.1	71.0	72.5	73.4	73.7	73.7	73.7	73.7	73.7
>= 8000	48.5	68.3	72.1	73.7	74.7	75.0	75.0	75.0	75.0	75.0
>= 7000	49.0	69.3	73.2	74.7	75.8	76.0	76.0	76.0	76.0	76.0
>= 6000	49.2	69.8	73.8	75.4	76.6	76.8	76.8	76.8	76.8	76.8
>= 5000	49.8	70.9	75.0	76.7	77.8	78.0	78.0	78.0	78.0	78.0
>= 4500	50.4	71.5	75.6	77.3	78.4	78.6	78.6	78.6	78.6	78.6
>= 4000	51.8	73.6	77.6	79.3	80.6	80.9	81.0	81.0	81.0	81.0
>= 3500	52.9	76.3	80.3	82.0	83.5	83.8	83.9	83.9	83.9	83.9
>= 3000	55.2	80.3	84.9	87.0	88.8	89.0	89.2	89.3	89.3	89.3
>= 2500	56.7	82.9	88.0	90.4	92.3	92.6	92.9	93.0	93.0	93.0
>= 2000	57.5	84.3	89.6	92.1	94.2	94.5	95.0	95.2	95.2	95.2
>= 1500	57.8	85.4	90.8	93.5	95.6	96.0	96.9	97.1	97.2	97.2
>= 1200	57.8	85.6	91.1	93.8	96.1	96.5	97.4	97.6	97.7	97.7
>= 1000	57.8	86.3	91.7	94.7	97.0	97.4	98.3	98.5	98.6	98.6
>= 900	57.9	86.4	91.9	94.9	97.2	97.6	98.2	98.8	98.9	98.9
>= 800	57.9	86.5	92.0	95.0	97.3	97.7	98.4	99.0	99.1	99.1
>= 700	57.9	86.5	92.1	95.1	97.4	97.8	98.6	99.2	99.3	99.3
>= 600	57.9	86.5	92.1	95.1	97.4	97.8	98.7	99.4	99.5	99.5
>= 500	57.9	86.5	92.2	95.2	97.5	97.9	98.8	99.7	99.8	99.8
>= 400	57.9	86.5	92.2	95.2	97.5	97.9	98.8	99.8	99.9	99.9
>= 300	57.9	86.6	92.2	95.2	97.6	98.0	98.9	99.9	100.0	100.0
>= 200	57.9	86.6	92.2	95.2	97.6	98.0	98.9	99.9	100.0	100.0
>= 100	57.9	86.6	92.2	95.2	97.6	98.0	98.9	99.9	100.0	100.0
>= 0	57.9	86.6	92.2	95.2	97.6	98.0	98.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	34.9	50.5	53.8	55.1	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=20000	44.1	65.0	69.4	70.9	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=18000	44.2	65.2	69.7	71.1	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>=16000	44.4	65.4	70.0	71.5	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>=14000	46.3	66.7	72.3	75.0	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>=12000	48.6	72.0	77.2	79.1	80.0	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>=10000	50.5	75.6	81.0	83.0	84.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>=9000	50.8	76.6	82.0	84.1	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=8000	51.8	78.3	83.8	86.0	87.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
>=7000	51.9	79.3	84.7	86.9	88.0	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>=6000	52.5	80.2	85.8	88.0	89.2	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>=5000	52.7	81.0	86.6	88.9	90.1	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=4500	52.8	81.3	86.9	89.2	90.5	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>=4000	53.1	81.8	87.6	90.0	91.3	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
>=3500	53.1	82.2	88.1	90.6	91.9	92.2	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>=3000	53.5	82.9	89.0	91.5	92.9	93.2	93.5	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=2500	53.8	83.9	89.9	92.8	94.2	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
>=2000	54.2	84.6	90.6	93.5	95.1	95.5	96.0	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=1800	54.5	84.9	91.0	93.9	95.5	96.0	96.5	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=1500	54.6	85.6	91.9	94.9	96.5	96.9	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=1200	54.6	85.9	92.3	95.5	97.2	97.6	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=1000	54.8	86.2	92.7	95.9	97.6	98.1	98.6	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=900	54.8	86.3	92.8	96.1	97.8	98.4	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=800	54.8	86.3	92.8	96.1	97.8	98.5	99.0	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=700	54.8	86.3	92.8	96.1	97.8	98.5	99.1	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=600	54.8	86.3	92.9	96.2	97.9	98.5	99.2	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=500	54.8	86.4	92.9	96.2	98.0	98.6	99.2	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>=400	54.8	86.4	92.9	96.3	98.1	98.7	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	54.8	86.4	92.9	96.3	98.1	98.7	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	54.8	86.4	92.9	96.3	98.1	98.7	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	54.8	86.4	92.9	96.3	98.1	98.7	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	54.8	86.4	92.9	96.3	98.1	98.7	99.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	37.8	60.4	62.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.6	64.6
>=20000	43.9	70.6	73.8	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9
>=18000	43.9	70.6	73.8	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9
>=16000	44.3	71.0	74.2	75.8	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
>=14000	46.5	73.9	77.3	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9
>=12000	48.5	77.0	80.6	82.4	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
>=10000	49.9	80.0	83.9	85.7	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8
>=9000	50.4	81.4	85.4	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4
>=8000	51.2	83.1	87.3	89.3	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.4	90.4
>=7000	51.5	83.9	88.0	90.2	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4
>=6000	51.6	84.4	88.7	90.9	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1
>=5000	51.8	85.0	89.4	91.6	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
>=4500	52.0	85.6	90.1	92.5	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.9	93.9
>=4000	52.1	86.0	90.8	93.2	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
>=3500	52.2	86.2	91.0	93.5	94.4	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9
>=3000	52.5	86.8	91.6	94.2	95.2	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.6	95.6
>=2500	52.5	87.0	92.0	94.8	95.7	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
>=2000	52.8	87.6	92.6	95.4	96.4	96.5	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1
>=1800	52.8	87.9	92.9	95.7	96.7	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4
>=1500	53.0	88.4	93.5	96.3	97.3	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0
>=1200	53.3	88.9	94.0	96.9	97.8	98.0	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5
>=1000	53.4	89.0	94.1	97.1	98.2	98.3	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9
>=900	53.4	89.1	94.2	97.2	98.2	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
>=800	53.4	89.2	94.3	97.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0
>=700	53.4	89.3	94.5	97.5	98.5	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3
>=600	53.4	89.3	94.6	97.6	98.8	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6
>=500	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>=400	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>=300	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
>=200	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
>=100	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0
>=0	53.4	89.3	94.6	97.8	98.9	99.1	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

W13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : JUL
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1
UNLIMIT	34.1	52.5	55.6	57.2	58.2	58.4	58.7	58.7	58.9	58.9
>=20000	39.4	60.7	64.3	66.1	67.2	67.4	67.8	67.9	68.0	68.0
>=18000	39.6	60.9	64.5	66.3	67.4	67.6	68.0	68.1	68.2	68.2
>=16000	39.9	61.3	64.9	66.8	67.9	68.1	68.5	68.6	68.7	68.7
>=14000	41.7	63.8	67.5	69.4	70.6	70.8	71.2	71.3	71.4	71.4
>=12000	43.5	66.9	70.9	73.0	74.2	74.5	74.9	75.0	75.0	75.0
>=10000	45.4	70.0	74.1	76.3	77.6	77.8	78.3	78.4	78.5	78.5
>= 9000	45.6	71.1	75.3	77.5	78.8	79.1	79.5	79.6	79.7	79.7
>= 8000	46.4	72.4	76.6	78.9	80.2	80.5	80.9	81.0	81.2	81.2
>= 7000	46.8	73.3	77.5	79.8	81.2	81.5	81.9	82.0	82.2	82.2
>= 6000	47.1	73.9	78.3	80.6	82.0	82.3	82.8	82.9	83.0	83.0
>= 5000	47.6	74.7	79.1	81.5	83.0	83.3	83.8	83.9	84.0	84.0
>= 4500	47.8	75.2	79.7	82.1	83.6	83.9	84.4	84.5	84.6	84.6
>= 4000	48.4	76.1	80.7	83.1	84.7	84.9	85.4	85.5	85.7	85.7
>= 3500	49.2	77.4	82.0	84.4	86.1	86.3	86.8	87.0	87.1	87.1
>= 3000	50.9	79.8	84.6	87.2	88.9	89.1	89.7	89.8	90.0	90.0
>= 2500	52.4	81.9	86.8	89.6	91.4	91.7	92.2	92.4	92.6	92.6
>= 2000	53.3	83.3	88.4	91.2	93.1	93.4	94.0	94.2	94.4	94.4
>= 1800	53.6	83.6	89.0	91.8	93.7	94.0	94.6	94.8	95.1	95.1
>= 1500	54.0	84.6	89.9	92.8	94.7	95.1	95.7	95.9	96.2	96.2
>= 1200	54.3	85.2	90.6	93.5	95.5	95.9	96.5	96.8	97.0	97.0
>= 1000	54.4	85.6	91.0	94.0	96.1	96.4	97.1	97.4	97.6	97.6
>= 900	54.4	85.8	91.2	94.2	96.3	96.7	97.4	97.6	97.9	97.9
>= 800	54.5	85.9	91.3	94.4	96.5	96.9	97.6	97.9	98.2	98.2
>= 700	54.5	86.0	91.5	94.6	96.7	97.1	97.9	98.1	98.4	98.4
>= 600	54.5	86.1	91.6	94.7	96.9	97.2	98.1	98.3	98.6	98.6
>= 500	54.5	86.1	91.7	94.8	97.0	97.4	98.2	98.6	98.9	98.9
>= 400	54.5	86.2	91.8	95.0	97.3	97.7	98.6	98.9	99.2	99.2
>= 300	54.6	86.3	92.0	95.2	97.5	97.9	98.8	99.1	99.4	99.4
>= 200	54.6	86.3	92.0	95.3	97.5	98.0	99.2	99.3	99.6	99.6
>= 100	54.6	86.3	92.0	95.3	97.5	98.0	99.2	99.3	99.6	99.6
>= 0	54.6	86.3	92.0	95.3	97.5	98.0	99.2	99.3	99.6	99.6

TOTAL NO. OF OBS : 10416

1 - SURFACE WINDS

013890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0100 LST

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

16 PT. DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.9	3.7	1.3	.3	.1	.0	.0	.0	.0	.0	.0	7.3	5.2
NNE	2.1	4.1	1.8	.5	.0	.0	.0	.0	.0	.0	.0	8.4	5.5
NE	1.3	3.5	2.2	.4	.0	.0	.0	.0	.0	.0	.0	7.4	5.8
ENE	1.1	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.3	4.6
E	.6	.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.5	5.1
ESE	.8	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.4	5.5
SE	1.2	.8	.5	.1	.0	.1	.0	.0	.0	.0	.0	2.7	5.2
SSE	1.2	1.5	.6	.2	.0	.0	.0	.1	.0	.0	.0	3.5	5.6
S	3.4	4.7	1.3	.3	.0	.1	.0	.0	.0	.0	.0	9.8	4.9
SSW	2.1	6.7	2.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	5.0
SW	1.0	5.1	3.6	.5	.0	.0	.0	.0	.0	.0	.0	10.2	6.4
WSW	.6	3.1	1.8	.1	.0	.0	.0	.0	.0	.0	.0	5.6	5.9
W	.7	1.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
WNW	.4	.7	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.5	5.7
NW	.8	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.5	4.9
NNW	.9	2.3	.7	.2	.1	.0	.0	.0	.0	.0	.0	4.1	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0	.0
ALL	20.0	40.9	17.6	2.8	.3	.2	.0	.1	.0	.0	.0	100.0	4.5

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS)										TOTAL %	MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	WIND SPEED	
N	3.3	6.5	2.5	.1	.1	.0	.0	.0	.0	.0	.0	12.4	5.0
NNE	1.8	5.4	2.5	.2	.1	.0	.0	.0	.0	.0	.0	10.4	5.7
NE	1.5	3.1	1.4	.2	.1	.0	.0	.0	.0	.0	.0	6.3	5.6
ENE	.7	1.1	.4	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
E	.8	.4	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.2	4.2
ESE	.2	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.8
SE	.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.5
SSE	1.1	1.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	3.3	5.2
S	1.8	3.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	5.6	4.3
SSW	.8	3.8	.9	.0	.1	.0	.0	.0	.0	.0	.0	5.5	5.2
SW	1.8	4.0	3.4	.5	.1	.0	.0	.0	.0	.0	.0	9.7	6.0
WSW	1.1	3.0	2.5	.2	.0	.0	.0	.0	.0	.0	.0	6.8	6.0
W	.8	3.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.3
WNW	.6	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
NW	1.0	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.4
NNW	1.2	3.5	.8	.2	.1	.0	.0	.0	.0	.0	.0	5.8	5.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.5	.0
ALL	19.1	42.8	18.0	1.6	.6	.2	.0	.0	.0	.0	.0	100.0	4.4

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0700 LST

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

16 Pt.	SPEED (KNOTS)														TOTAL	MEAN	
	DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			%
N	2.5			5.4		2.8	.3	.1	.0	.0	.0	.0	.0	.0	11.0		5.5
NNE	1.5			6.7		5.4	1.1	.0	.0	.0	.0	.0	.0	.0	14.6		6.5
NE	1.5			3.7		2.9	.3	.0	.0	.0	.0	.0	.0	.0	8.4		6.0
ENE	1.0			1.5		.4	.1	.0	.0	.0	.0	.0	.0	.0	3.0		4.8
E	.8			.6		.5	.2	.0	.0	.0	.0	.0	.0	.0	2.0		5.4
ESE	.9			.8		.2	.1	.0	.0	.0	.0	.0	.0	.0	1.9		4.3
SE	.6			1.1		.3	.1	.0	.0	.0	.0	.0	.0	.0	2.1		5.0
SSE	.8			1.0		.2	.0	.1	.0	.0	.0	.0	.0	.0	2.1		4.9
S	1.2			2.5		.5	.2	.0	.0	.0	.0	.0	.0	.0	4.3		4.9
SSW	.5			2.8		1.3	.3	.1	.0	.0	.0	.0	.0	.0	5.1		6.2
SW	.9			3.6		4.4	.1	.0	.0	.0	.0	.0	.0	.0	9.0		6.4
WSW	.8			3.6		4.7	.2	.0	.0	.0	.0	.0	.0	.0	9.4		6.8
W	.5			3.2		2.2	.2	.1	.0	.0	.0	.0	.0	.0	6.1		6.5
WNW	.5			1.8		.8	.1	.0	.0	.0	.0	.0	.0	.0	3.2		5.4
NW	.9			1.5		.3	.0	.0	.0	.1	.0	.0	.0	.0	2.8		5.2
NNW	.8			2.7		1.3	.3	.2	.0	.0	.0	.0	.0	.0	5.2		6.2
VAR	.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0
CLM	.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	9.9		.0
ALL	15.7			42.4		28.0	3.5	.5	.0	.1	.0	.0	.0	.0	100.0		5.4

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE *INCS

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1000 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	.5			3.1	3.5		1.0		.1	.0	.0	.0	.0	.0	.0	8.1	7.3
NE	.4			2.2	4.2		1.9		.2	.0	.0	.0	.0	.0	.0	8.8	8.4
E	.2			3.1	4.7		2.4		.0	.0	.0	.0	.0	.0	.0	10.4	8.4
ESE	.9			1.8	2.1		.6		.0	.0	.0	.0	.0	.0	.0	5.3	8.0
SE	.2			.9	.8		.2		.1	.0	.0	.0	.0	.0	.0	5.4	6.8
SSE	.8			.6	1.2		.2		.1	.0	.0	.0	.0	.0	.0	2.2	7.2
S	.4			1.0	.8		.3		.0	.0	.0	.0	.0	.0	.0	2.8	6.5
SSW	.5			2.1	2.3		.6		.0	.0	.1	.0	.0	.0	.0	5.6	7.0
SW	.8			2.1	2.8		.4		.2	.0	.0	.0	.0	.0	.0	6.2	7.0
WSW	.5			3.0	5.5		1.1		.0	.0	.0	.0	.0	.0	.0	10.1	7.5
W	.4			2.2	5.8		1.1		.2	.0	.0	.0	.0	.0	.0	9.7	7.9
WNW	.5			2.9	4.0		.6		.0	.0	.0	.0	.0	.0	.0	8.2	7.3
NW	.2			2.1	2.7		.2		.0	.1	.0	.0	.0	.0	.0	5.2	7.4
NNW	.5			1.2	1.6		.1		.0	.0	.0	.0	.0	.0	.0	3.4	6.5
VAR	.7			1.2	1.2		.1		.1	.2	.0	.0	.0	.0	.0	3.3	7.0
CLM	.0			.0	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	.0			.0	.0		.0		.0	.0	.0	.0	.0	.0	.0	2.8	.0
	7.5			30.6	46.2		11.6		.8	.2	.1	.0	.0	.0	.0	100.0	7.3

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1300 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>=56	TOTAL %	MEAN WIND SPEED
N	.4	.7	.4	2.6	2.6	2.8	.8	.6	.1	.0	.0	.0	.0	.0	.0	6.8	7.5
NNE	.2	.2	.2	1.5	4.5	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	7.7	8.0
NE	.2	.2	.2	1.4	3.2	1.8	1.8	.0	.0	.0	.0	.0	.0	.0	.0	6.6	9.1
ENE	.3	.2	.2	.9	2.2	1.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.7
E	.3	.3	.3	1.4	2.6	1.8	1.8	.0	.0	.0	.0	.0	.0	.0	.0	6.1	8.8
ESE	.2	.2	.2	1.1	2.9	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	5.0	8.4
SE	.1	.1	.1	1.7	2.8	2.7	2.7	.0	.0	.0	.0	.0	.0	.0	.0	7.4	9.5
SSE	.3	.3	.3	2.2	2.6	1.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.3
S	.1	.1	.1	2.2	4.9	2.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	9.9	9.3
SSW	.1	.1	.1	1.8	3.3	2.2	2.2	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.9
SW	.4	.4	.4	1.4	4.2	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.5
WSW	.4	.4	.4	1.4	4.0	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	7.3	8.5
W	.2	.2	.2	1.4	2.9	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.2
WNW	.2	.2	.2	1.9	1.8	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.5
NW	.5	.5	.5	1.2	1.5	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6	7.0
NNW	.1	.1	.1	1.3	1.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
ALL	4.3	25.4	47.3	20.6	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.4

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELFV. : 46 FT
 MONTH : AUG
 HOUR : 1600 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.3	1.8	2.5	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.3
NNE	.2	1.0	2.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.2
NE	.1	.9	2.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.6
ENE	.1	.5	2.7	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	9.2
E	.2	1.2	2.6	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	9.1
ESE	.5	1.5	7.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	8.9
SE	.5	1.5	4.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	9.3
SSE	.5	1.6	5.8	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	9.1
S	.5	1.9	8.4	7.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.3	9.9
SSW	.3	1.5	4.4	3.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	9.4
SW	.3	.7	2.6	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	9.3
WSW	.2	.5	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	9.2
W	.2	1.2	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.8
WNW	.1	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	8.3
NW	.5	.3	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
NNW	.1	.7	1.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	8.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
ALL	4.5	17.5	46.9	28.9	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	.3	2.0	1.0	.7	.2	.0	.0	.0	.0	.0	.0	4.1	7.4
NNE	.7	2.0	1.5	.7	.0	.0	.0	.0	.0	.0	.0	4.8	6.6
NE	.5	2.5	1.9	.2	.1	.0	.0	.0	.0	.0	.0	5.2	6.5
NNE	.5	2.1	1.8	.2	.1	.0	.0	.0	.0	.0	.0	4.8	6.4
E	.6	3.0	3.9	.5	.0	.0	.0	.0	.0	.0	.0	8.1	6.8
ESE	1.0	3.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.0
SE	.7	3.5	2.5	.2	.0	.0	.0	.0	.0	.0	.0	7.0	6.2
SSE	1.4	5.0	4.4	.3	.1	.0	.0	.0	.0	.0	.0	11.1	6.2
S	1.2	9.8	13.3	1.5	.0	.0	.0	.0	.0	.0	.0	25.7	7.0
SSW	.8	4.1	5.1	.8	.0	.0	.0	.0	.0	.0	.0	10.8	6.9
SW	.3	1.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.3
WSW	.5	.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.0	5.8
W	.2	.9	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.3
WNW	.1	.5	.1	.1	.1	.0	.0	.0	.0	.0	.0	.8	7.3
NW	.0	.2	.3	.3	.0	.1	.0	.0	.0	.0	.0	.9	10.8
NNW	.2	.6	.0	.2	.1	.0	.0	.0	.0	.0	.0	1.0	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	.0
ALL	8.8	41.0	41.5	5.8	.5	.1	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED	
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56							
N	1.6	3.0	1.1	.2	.1	.0	.0	.0	.0	.0	.0	6.0	5.3					
NNE	.8	3.7	2.0	.4	.0	.0	.0	.0	.0	.0	.0	6.8	5.8					
NE	1.2	4.4	1.9	.3	.1	.0	.0	.0	.0	.0	.0	7.8	5.9					
ENE	.8	1.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	3.4	5.6					
E	.9	2.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	4.0	4.8					
ESE	.8	1.6	.2	.1	.0	.0	.1	.0	.0	.0	.0	2.8	5.1					
SE	1.2	1.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.7					
SSE	2.5	3.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	6.8	4.5					
S	3.1	10.0	4.0	.5	.0	.0	.0	.0	.0	.0	.0	17.6	5.4					
SSW	1.8	7.6	4.0	.5	.0	.0	.0	.0	.0	.0	.0	13.9	5.9					
SW	1.1	3.0	2.3	.3	.0	.0	.0	.0	.0	.0	.0	6.7	5.9					
WSW	.3	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.5	5.8					
W	.7	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.3					
WNW	.2	.4	.1	.2	.1	.1	.0	.0	.0	.0	.0	1.0	8.9					
NW	.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9					
NNW	.4	1.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.8	5.3					
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0					
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	.0					
ALL	17.7	47.2	19.2	3.2	.7	.1	.1	.0	.0	.0	.0	100.0	4.8					

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56			
N	1.3	3.5	2.2	.5	.1	.0*	.0	.0	.0	.0	.0	7.7	6.2	
NNE	1.0	3.3	3.0	.8	.0*	.0	.0	.0	.0	.0	.0	8.2	6.7	
NE	.8	2.8	2.6	.6	.1	.0*	.0	.0	.0	.0	.0	7.1	6.9	
ENE	.6	1.3	1.4	.5	.0*	.0	.0	.0	.0	.0	.0	3.8	7.0	
E	.6	1.5	1.5	.7	.0*	.0	.0	.0	.0	.0	.0	4.3	7.1	
ESE	.6	1.2	1.3	.5	.0*	.0	.0*	.0	.0	.0	.0	3.6	7.0	
SE	.7	1.5	1.6	.8	.0*	.0	.0	.0	.0	.0	.0	4.6	7.3	
SSE	1.0	2.2	1.9	.7	.1	.0*	.0	.0*	.0	.0	.0	5.9	6.8	
S	1.5	4.6	4.4	1.6	.1	.0*	.0	.0	.0	.0	.0	12.1	7.0	
SSW	.9	3.8	3.0	.9	.1	.0	.0	.0	.0	.0	.0	8.7	6.8	
SW	.8	2.7	3.4	.6	.0*	.0	.0	.0	.0	.0	.0	7.6	6.9	
WSW	.5	2.0	2.6	.6	.0*	.0	.0	.0	.0	.0	.0	5.9	7.2	
W	.5	1.9	1.7	.3	.0*	.0	.0	.0	.0	.0	.0	4.4	6.7	
WNW	.3	1.1	.8	.2	.0*	.0	.0*	.0	.0	.0	.0	2.5	6.9	
NW	.6	.9	.7	.1	.0*	.0	.0*	.0	.0	.0	.0	2.4	6.2	
NNW	.5	1.7	.8	.2	.1	.0*	.0	.0	.0	.0	.0	3.4	6.5	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	.0	
ALL	12.2	36.0	33.1	9.6	.7	.2	.0*	.0*	.0	.0	.0	100.0	6.3	

TOTAL NO. OF OBS : 10414

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=9	>=8	>=7	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.3	60.1	64.4	67.3	68.6	68.7	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.4	69.4	69.6	69.6
>=20000	39.2	65.4	70.0	73.1	74.6	74.6	75.0	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.6	75.6	75.7	75.7
>=18000	38.4	65.7	70.3	73.3	74.7	74.8	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.8	75.8	76.0	76.0
>=16000	38.8	66.1	70.7	73.8	75.2	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3	76.5	76.5
>=14000	39.9	67.7	72.4	75.7	77.2	77.3	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3	78.5	78.5
>=12000	41.3	70.2	75.5	78.8	80.3	80.5	80.9	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.6	81.6
>=10000	42.4	72.8	78.1	81.6	83.3	83.5	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5	84.6	84.6
>=9000	42.8	73.7	79.0	82.6	84.3	84.5	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.5	85.5	85.6	85.6
>=8000	43.2	75.0	80.4	84.0	85.8	85.9	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.9	86.9	87.1	87.1
>=7000	43.6	75.6	81.1	84.7	86.5	86.6	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.8	87.8
>=6000	43.9	76.1	81.7	85.3	87.1	87.3	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.2	88.2	88.4	88.4
>=5000	44.2	77.1	82.7	86.4	88.2	88.3	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3	89.5	89.5
>=4500	44.4	77.6	83.2	86.9	88.6	88.8	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.8	89.8	89.9	89.9
>=4000	44.6	78.1	83.8	87.5	89.2	89.4	89.8	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.4	90.6	90.6
>=3500	45.0	78.7	84.5	88.2	89.9	90.2	90.6	90.7	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.3	91.3
>=3000	45.3	79.7	85.7	89.5	91.3	91.6	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.7	92.7
>=2500	45.6	80.6	86.8	90.6	92.5	92.7	93.1	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.8	93.8	93.9	93.9
>=2000	45.9	81.4	87.7	91.6	93.4	93.6	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.9	94.9
>=1800	45.9	81.5	87.8	91.6	93.5	93.7	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.9	94.9	95.0	95.0
>=1500	46.2	82.0	88.3	92.2	94.0	94.3	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.6	95.6	95.8	95.8
>=1200	46.5	82.4	88.9	92.9	94.7	95.0	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.3	96.3	96.5	96.5
>=1000	46.5	82.6	89.0	93.1	95.0	95.3	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.8	96.8
>=900	46.6	82.9	89.4	93.5	95.5	95.8	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	97.2	97.2	97.3	97.3
>=800	46.6	83.0	89.5	93.5	95.5	95.9	96.4	96.6	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.4	97.4
>=700	46.6	83.3	89.9	93.9	95.9	96.2	96.8	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.6	97.6	97.8	97.8
>=600	46.7	83.3	90.1	94.3	96.3	96.7	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.1	98.1	98.2	98.2
>=500	46.7	83.4	90.2	94.4	96.4	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.3	98.3
>=400	46.7	83.4	90.2	94.4	96.4	96.8	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.2	98.2	98.3	98.3
>=300	46.7	83.6	90.6	94.6	96.6	97.1	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8
>=200	46.7	83.6	90.6	94.6	96.6	97.1	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8
>=100	46.7	83.6	90.6	94.6	96.6	97.1	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8
>=0	46.7	83.6	90.6	94.6	96.6	97.1	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.8	98.8

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : AUG
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	VISIBILITY (STATUTE MILES)										>=1/4	>=1/2	>=5/8	>=1/2	>=5/16	>=1/4	>=0
					>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0				
UNLIMIT	29.0	56.0	61.1	65.7	67.4	67.7	68.7	69.2	69.2	69.2	69.9	70.1	70.1	70.8	71.0	71.4	71.6				
>=20000	30.8	60.2	65.9	70.5	72.5	72.7	73.9	74.3	74.3	74.3	75.1	75.3	75.3	76.0	76.2	76.6	76.8				
>=18000	31.0	60.4	66.1	70.7	72.7	72.9	74.0	74.5	74.5	74.5	75.3	75.5	75.5	76.2	76.3	76.7	77.0				
>=16000	31.2	60.7	66.4	71.0	73.0	73.2	74.3	74.8	74.8	74.8	75.6	75.9	75.9	76.6	76.7	77.1	77.3				
>=14000	32.2	62.3	68.0	72.7	74.7	75.0	76.1	76.6	76.6	76.6	77.3	77.6	77.6	78.3	78.5	78.9	79.1				
>=12000	33.5	64.7	70.6	75.2	77.3	77.5	78.6	79.1	79.1	79.1	79.9	80.2	80.2	80.9	81.0	81.4	81.6				
>=10000	34.4	66.6	72.5	77.1	79.3	79.5	80.6	81.1	81.1	81.1	81.9	82.2	82.2	82.9	83.0	83.4	83.6				
>=9000	34.6	67.4	73.3	77.9	80.0	80.3	81.5	82.0	82.0	82.0	82.7	83.0	83.0	83.7	83.9	84.3	84.5				
>=8000	35.2	68.5	74.6	79.3	81.4	81.6	82.9	83.3	83.3	83.3	84.1	84.4	84.4	85.1	85.3	85.6	85.9				
>=7000	35.4	69.2	75.5	80.2	82.3	82.6	83.8	84.3	84.3	84.3	85.1	85.4	85.4	86.1	86.3	86.6	86.9				
>=6000	35.6	69.7	76.3	81.0	83.1	83.3	84.6	85.0	85.0	85.0	85.9	86.2	86.2	86.9	87.0	87.4	87.6				
>=5000	35.7	70.6	77.1	82.0	84.1	84.3	85.6	86.0	86.0	86.0	86.9	87.2	87.2	87.9	88.0	88.4	88.6				
>=4500	35.9	71.0	77.6	82.4	84.6	84.8	86.0	86.5	86.5	86.5	87.3	87.6	87.6	88.3	88.5	88.9	89.1				
>=4000	36.2	71.9	78.4	83.3	85.5	85.7	86.9	87.4	87.4	87.4	88.2	88.6	88.6	89.2	89.4	89.8	90.0				
>=3500	36.3	72.4	79.0	83.9	86.2	86.4	87.6	88.1	88.1	88.1	88.9	89.2	89.2	89.9	90.1	90.5	90.7				
>=3000	36.3	72.7	79.3	84.3	86.6	86.9	88.2	88.6	88.6	88.6	89.5	89.8	89.8	90.5	90.6	91.0	91.2				
>=2500	36.4	73.3	80.0	85.1	87.4	87.6	88.9	89.4	89.4	89.4	90.2	90.6	90.6	91.2	91.4	91.8	92.0				
>=2000	36.5	73.8	80.6	85.9	88.2	88.5	89.8	90.2	90.2	90.2	91.1	91.4	91.4	92.1	92.2	92.6	92.9				
>=1800	36.6	74.0	80.8	86.2	88.5	88.7	90.0	90.4	90.4	90.4	91.3	91.6	91.6	92.4	92.5	92.9	93.2				
>=1500	36.9	74.6	81.6	86.9	89.2	89.5	90.8	91.2	91.2	91.2	92.1	92.4	92.4	93.1	93.2	93.6	94.0				
>=1200	37.2	75.0	82.0	87.4	89.8	90.0	91.3	91.7	91.7	91.7	92.6	92.9	92.9	93.7	93.8	94.3	94.5				
>=1000	37.3	75.3	82.6	87.9	90.4	90.6	91.9	92.3	92.3	92.3	93.2	93.5	93.5	94.4	94.5	94.9	95.2				
>=900	37.3	75.4	82.6	88.1	90.6	90.8	92.2	92.6	92.6	92.6	93.6	93.9	93.9	94.6	94.8	95.2	95.4				
>=800	37.3	75.5	82.7	88.2	90.6	90.9	92.2	92.6	92.6	92.6	93.6	93.9	93.9	94.6	94.9	95.3	95.5				
>=700	37.3	75.6	82.9	88.4	90.9	91.2	92.6	93.0	93.0	93.0	94.0	94.5	94.5	95.2	95.3	95.7	95.9				
>=600	37.3	75.7	83.0	88.7	91.2	91.5	92.9	93.3	93.3	93.3	94.5	94.8	94.8	95.5	95.6	96.0	96.2				
>=500	37.4	76.1	83.5	89.2	91.7	91.9	93.5	94.2	94.2	94.2	95.5	95.9	95.9	96.5	96.6	97.1	97.3				
>=400	37.4	76.1	83.6	89.6	92.2	92.5	94.0	94.7	94.7	94.7	96.4	96.8	96.8	97.5	97.7	98.1	98.3				
>=300	37.4	76.3	84.1	90.2	92.9	93.1	94.8	95.5	95.5	95.5	97.3	97.7	97.7	98.5	98.6	99.0	99.2				
>=200	37.4	76.4	84.3	90.6	93.3	93.5	95.4	96.3	96.3	96.3	98.1	98.5	98.5	99.4	99.6	99.9	100.0				
>=100	37.4	76.4	84.3	90.6	93.6	93.6	95.5	96.5	96.5	96.5	98.3	98.7	98.7	99.6	99.8	99.9	100.0				
>=0	37.4	76.4	84.3	90.6	93.4	93.6	95.5	96.5	96.5	96.5	98.3	98.7	98.7	99.6	99.8	99.9	100.0				

TOTAL NO. OF CRS : 1302

01388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8
UNLIMIT	27.9	45.0	54.1	56.5	59.4	60.2	61.5	62.2	62.2	62.2	62.2	62.9	63.0	63.7	63.7	63.7
>=20000	30.5	53.8	59.4	61.9	65.0	65.9	67.6	68.3	68.3	68.3	68.3	69.0	69.2	69.9	69.9	69.9
>=18000	30.6	54.0	59.6	62.1	65.3	66.2	67.9	68.6	68.6	68.6	68.6	69.3	69.5	70.2	70.2	70.3
>=16000	30.9	54.3	60.0	62.5	65.6	66.6	68.3	69.0	69.0	69.0	69.0	69.7	69.9	70.6	70.6	70.7
>=14000	31.6	56.2	62.1	64.8	68.0	68.9	70.6	71.4	71.4	71.4	71.4	72.1	72.3	73.0	73.0	73.2
>=12000	33.1	58.6	64.8	67.5	70.9	71.8	73.5	74.3	74.3	74.3	74.3	74.9	75.2	76.0	76.0	76.5
>=10000	33.7	60.6	67.0	70.1	73.7	74.6	76.6	77.3	77.3	77.3	77.3	78.0	78.3	79.1	79.1	79.6
>=9000	34.1	61.6	68.3	71.6	75.2	76.2	78.1	78.9	78.9	78.9	78.9	79.6	79.9	80.6	80.6	81.1
>=8000	34.9	62.9	69.8	73.4	77.1	78.2	80.1	80.9	80.9	80.9	80.9	81.7	82.0	82.8	82.8	83.2
>=7000	35.4	63.6	70.6	74.3	77.9	79.1	81.0	81.8	81.8	81.8	81.8	82.6	82.9	83.7	83.7	84.2
>=6000	35.7	64.4	71.4	75.1	78.8	79.9	81.9	82.7	82.7	82.7	82.7	83.6	83.9	84.6	84.6	85.1
>=5000	36.0	65.1	72.1	75.9	79.6	80.8	82.8	83.6	83.6	83.6	83.6	84.5	84.8	85.5	85.5	86.0
>=4500	36.1	65.4	72.5	76.2	80.0	81.2	83.2	83.9	83.9	83.9	83.9	84.9	85.2	85.9	85.9	86.4
>=4000	36.4	65.9	73.0	76.9	80.6	81.8	83.8	84.6	84.6	84.6	84.6	85.5	85.9	86.6	86.6	87.1
>=3500	36.6	66.2	73.4	77.3	81.1	82.2	84.2	85.1	85.1	85.1	85.1	86.0	86.3	87.1	87.1	87.5
>=3000	36.7	66.9	74.1	78.1	81.9	83.1	85.2	86.0	86.0	86.0	86.0	86.9	87.2	88.0	88.0	88.5
>=2500	36.9	67.3	74.6	78.7	82.5	83.7	85.8	86.6	86.6	86.6	86.6	87.6	87.9	88.7	88.7	89.2
>=2000	37.0	67.9	75.1	79.3	83.2	84.5	86.5	87.5	87.5	87.5	87.5	88.5	88.8	89.5	89.5	90.0
>=1800	37.1	67.9	75.2	79.4	83.4	84.7	86.8	87.7	87.7	87.7	87.7	88.7	89.0	89.8	89.8	90.2
>=1500	37.7	68.7	76.1	80.3	84.3	85.6	87.7	88.8	88.8	88.8	88.8	89.8	90.2	90.9	90.9	91.4
>=1200	37.8	69.0	76.4	80.6	84.9	86.2	88.3	89.4	89.4	89.4	89.4	90.4	90.8	91.5	91.5	92.0
>=1000	38.0	69.5	76.9	81.2	85.4	86.8	89.0	90.2	90.2	90.2	90.2	91.2	91.5	92.3	92.3	92.8
>=900	38.4	69.9	77.4	81.8	86.0	87.4	89.7	90.9	90.9	90.9	90.9	91.9	92.2	92.9	92.9	93.5
>=800	38.4	70.1	77.6	82.0	86.2	87.7	90.1	91.2	91.2	91.2	91.2	92.2	92.6	93.4	93.4	93.9
>=700	38.5	70.3	77.8	82.3	86.5	88.0	90.4	91.5	91.5	91.5	91.5	92.5	92.9	93.7	93.7	94.2
>=600	38.6	70.6	78.2	82.9	87.2	88.7	91.2	92.3	92.3	92.3	92.3	93.3	93.7	94.5	94.5	94.9
>=500	38.7	71.0	78.8	83.5	88.0	89.7	92.2	93.4	93.4	93.4	93.4	94.4	94.9	95.6	95.6	96.1
>=400	38.8	71.3	79.2	83.9	88.7	90.5	93.3	94.5	94.5	94.5	94.5	95.5	95.9	96.7	96.7	97.2
>=300	38.9	71.5	79.6	84.6	89.5	91.4	94.4	95.6	95.6	95.6	95.6	96.8	97.4	98.2	98.2	98.7
>=200	38.9	71.5	79.6	84.6	89.5	91.4	94.4	95.8	95.8	95.8	95.8	97.1	97.8	98.8	98.8	99.4
>=100	38.9	71.5	79.6	84.6	89.5	91.4	94.4	95.8	95.8	95.8	95.8	97.2	98.0	99.0	99.0	99.8
>= 0	38.9	71.5	79.6	84.6	89.5	91.4	94.4	95.8	95.8	95.8	95.8	97.2	98.0	99.0	99.0	100.0

TOTAL NO. OF OBS : 1301

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : AUG
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	38.2	51.6	53.0	53.6	54.5	54.7	55.1	55.1	55.1	55.1
>=20000	41.5	56.5	58.0	58.7	59.7	60.0	60.4	60.4	60.4	60.4
>=18000	41.9	57.0	58.5	59.2	60.2	60.5	60.9	60.9	60.9	60.9
>=16000	42.2	57.4	58.9	59.6	60.6	60.9	61.4	61.4	61.4	61.4
>=14000	43.9	59.4	61.3	62.1	63.1	63.4	63.9	63.9	63.9	63.9
>=12000	46.4	62.7	64.7	65.4	66.5	66.9	67.4	67.4	67.4	67.4
>=10000	47.9	65.1	67.2	68.0	69.1	69.6	70.2	70.2	70.2	70.2
>=9000	48.1	65.6	67.8	68.7	69.9	70.4	71.0	71.0	71.0	71.0
>=8000	48.5	66.6	68.9	69.9	71.0	71.5	72.2	72.2	72.2	72.2
>=7000	48.7	67.1	69.4	70.5	71.7	72.1	72.9	72.9	72.9	72.9
>=6000	49.1	67.9	70.3	71.4	72.5	73.0	73.7	73.7	73.7	73.7
>=5000	49.6	68.8	71.2	72.3	73.5	74.0	74.7	74.7	74.7	74.7
>=4500	50.0	69.4	71.7	72.9	74.1	74.6	75.4	75.4	75.4	75.4
>=4000	50.1	69.4	71.9	73.1	74.3	74.9	75.7	75.7	75.7	75.7
>=3500	50.5	70.3	72.8	74.0	75.3	75.8	76.7	76.7	76.7	76.7
>=3000	52.0	72.4	75.1	76.3	77.6	78.1	79.0	79.0	79.0	79.0
>=2500	56.5	77.6	80.3	81.6	82.9	83.4	84.3	84.3	84.3	84.3
>=2000	59.6	81.6	84.5	85.8	87.3	87.9	88.8	88.8	88.8	88.8
>=1800	60.3	82.6	85.6	86.9	88.4	89.1	90.1	90.1	90.1	90.1
>=1500	62.0	85.8	88.9	90.2	91.7	92.4	93.4	93.4	93.4	93.4
>=1200	62.7	87.2	90.3	91.7	93.5	94.2	95.4	95.4	95.4	95.4
>=1000	62.9	88.2	91.5	92.9	94.9	95.6	96.8	96.9	96.9	96.9
>=900	63.1	88.9	92.1	93.5	95.5	96.2	97.5	97.5	97.5	97.5
>=800	63.2	89.1	92.4	93.9	95.9	96.7	97.9	98.0	98.0	98.0
>=700	63.2	89.4	92.8	94.3	96.2	97.1	98.2	98.4	98.4	98.4
>=600	63.2	89.6	93.1	94.6	96.6	97.5	98.8	98.9	98.9	98.9
>=500	63.2	89.9	93.4	94.9	96.9	97.8	99.1	99.3	99.3	99.3
>=400	63.2	89.9	93.4	95.0	97.0	97.8	99.3	99.5	99.5	99.5
>=300	63.2	89.9	93.4	95.0	97.1	98.0	99.5	99.8	99.8	99.8
>=200	63.2	89.9	93.4	95.0	97.1	98.0	99.5	99.9	99.9	99.9
>=100	63.2	89.9	93.4	95.0	97.1	98.0	99.5	100.0	100.0	100.0
>=0	63.2	89.9	93.4	95.0	97.1	98.0	99.5	100.0	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>6	>5	>4	>3	>=2 1/2	>=1 1/2	>=1 1/4	>=3/4	>=5/8
UNLIMIT	30.3	40.1	41.7	42.3	42.7	43.0	43.0	43.0	43.0	43.0
>=20000	35.3	47.3	49.0	49.7	50.1	50.4	50.4	50.4	50.4	50.4
>=18000	35.7	47.7	49.4	50.0	50.5	50.8	50.8	50.8	50.8	50.8
>=16000	36.0	48.1	49.9	50.5	51.0	51.3	51.3	51.3	51.3	51.3
>=14000	37.7	50.2	52.1	52.7	53.2	53.5	53.5	53.5	53.5	53.5
>=12000	39.0	52.2	54.3	55.0	55.5	55.8	55.8	55.8	55.8	55.8
>=10000	39.9	53.9	56.3	56.9	57.4	57.7	57.7	57.7	57.7	57.7
>= 9000	40.2	54.3	56.9	57.5	58.1	58.4	58.4	58.4	58.4	58.4
>= 8000	40.7	55.6	58.4	59.1	59.7	60.1	60.1	60.1	60.1	60.1
>= 7000	40.9	56.0	58.9	59.6	60.3	60.6	60.6	60.6	60.6	60.6
>= 6000	41.2	56.7	59.6	60.3	61.0	61.4	61.4	61.4	61.4	61.4
>= 5000	42.1	57.6	60.6	61.3	62.0	62.4	62.4	62.4	62.4	62.4
>= 4500	42.7	58.4	61.4	62.2	62.9	63.3	63.3	63.3	63.3	63.3
>= 4000	44.0	60.3	63.5	64.3	65.0	65.5	65.5	65.5	65.5	65.5
>= 3500	48.3	65.6	69.0	70.1	70.9	71.5	71.5	71.5	71.5	71.5
>= 3000	55.1	75.1	78.6	79.9	80.9	81.6	81.6	81.6	81.6	81.6
>= 2500	60.3	83.1	86.9	88.5	89.5	90.2	90.2	90.2	90.2	90.2
>= 2000	62.6	87.2	91.2	92.9	94.0	94.9	94.9	94.9	94.9	94.9
>= 1800	63.0	87.9	91.9	93.5	94.8	95.7	95.7	95.7	95.7	95.7
>= 1500	63.3	89.3	93.5	95.1	96.3	97.2	97.2	97.2	97.2	97.2
>= 1200	63.3	89.8	93.9	95.5	96.8	97.8	97.8	97.8	97.8	97.8
>= 1000	63.3	90.0	94.2	96.0	97.4	98.4	98.4	98.4	98.4	98.4
>= 900	63.3	90.2	94.5	96.3	97.8	98.8	98.8	98.8	98.8	98.8
>= 800	63.3	90.4	94.8	96.5	98.0	99.0	99.0	99.0	99.0	99.0
>= 700	63.4	90.6	95.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4
>= 600	63.4	90.6	95.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4
>= 500	63.4	90.6	95.2	96.9	98.4	99.4	99.4	99.4	99.4	99.4
>= 400	63.4	90.6	95.2	97.0	98.5	99.6	99.6	99.6	99.6	99.6
>= 300	63.4	90.6	95.2	97.0	98.5	99.7	99.7	99.7	99.7	99.7
>= 200	63.4	90.6	95.2	97.0	98.5	99.7	99.7	99.7	99.7	99.7
>= 100	63.4	90.6	95.2	97.0	98.5	99.7	99.7	99.7	99.7	99.7
>= 0	63.4	90.6	95.2	97.0	98.5	99.7	99.7	99.7	99.7	99.7

TOTAL NO. OF OBS : 1501

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	35.9	49.8	52.4	53.5	54.3	54.4	54.4	54.4	54.4	54.4
>=20000	42.5	58.5	61.5	62.7	63.7	63.9	63.9	63.9	63.9	63.9
>=18000	42.7	58.8	61.8	62.9	64.0	64.1	64.1	64.1	64.1	64.1
>=16000	42.9	59.1	62.1	63.3	64.4	64.5	64.5	64.5	64.5	64.5
>=14000	44.2	60.8	63.7	64.9	66.0	66.1	66.1	66.1	66.1	66.1
>=12000	45.9	63.5	66.5	67.7	68.8	69.0	69.0	69.0	69.0	69.0
>=10000	47.4	66.1	69.4	70.7	71.9	72.1	72.1	72.1	72.1	72.1
>=9000	47.8	67.1	70.5	71.8	73.0	73.2	73.2	73.2	73.2	73.2
>=8000	48.5	68.5	72.0	73.3	74.6	75.0	75.0	75.0	75.0	75.0
>=7000	48.8	69.4	73.2	74.5	75.7	76.1	76.1	76.1	76.1	76.1
>=6000	49.2	70.2	74.0	75.3	76.6	77.0	77.0	77.0	77.0	77.0
>=5000	49.8	71.3	75.2	76.7	78.0	78.5	78.5	78.5	78.5	78.5
>=4500	50.2	72.1	76.1	77.7	79.0	79.6	79.6	79.6	79.6	79.6
>=4000	51.2	73.4	77.7	79.4	81.0	81.6	81.6	81.6	81.6	81.6
>=3500	53.1	76.3	81.0	82.6	84.3	85.0	85.0	85.0	85.0	85.0
>=3000	54.6	79.0	83.7	85.5	87.2	88.0	88.0	88.0	88.0	88.0
>=2500	56.6	82.4	87.4	89.4	91.3	92.2	92.2	92.2	92.2	92.2
>=2000	57.5	84.1	89.4	91.6	93.7	94.8	94.8	94.8	94.8	94.8
>=1800	57.7	84.5	89.8	91.9	94.2	95.2	95.2	95.2	95.2	95.2
>=1500	58.1	85.4	90.9	93.2	95.4	96.4	96.5	96.5	96.5	96.5
>=1200	58.3	85.9	91.4	93.9	96.1	97.2	97.3	97.5	97.6	97.6
>=1000	58.4	86.3	91.7	94.3	96.7	97.9	97.9	98.2	98.3	98.3
>=900	58.5	86.4	91.9	94.5	96.9	98.2	98.2	98.5	98.6	98.6
>=800	58.5	86.6	92.1	94.7	97.2	98.0	98.5	99.0	99.1	99.1
>=700	58.5	86.7	92.2	94.8	97.2	98.0	98.7	99.3	99.4	99.4
>=600	58.5	86.7	92.2	94.9	97.3	98.1	98.7	99.5	99.6	99.6
>=500	58.5	86.7	92.2	94.9	97.3	98.1	98.8	99.6	99.6	99.6
>=400	58.5	86.7	92.2	94.9	97.3	98.1	98.9	99.6	99.6	99.6
>=300	58.5	86.7	92.2	94.9	97.3	98.1	98.9	99.6	99.6	99.6
>=200	58.5	86.7	92.2	94.9	97.3	98.1	98.9	99.6	99.6	99.6
>=100	58.5	86.7	92.2	94.9	97.3	98.1	98.9	99.6	99.6	99.6
>=0	58.5	86.7	92.2	94.9	97.3	98.1	98.9	99.6	99.6	99.6

TOTAL NO. OF OBS : 1302

2 - CELLING VS VISIBILITY

13880 : CHAFLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 60 02W FLEV. : 46 FT
MONTH : AUG
HCJR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILE)										
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/4	>=0
UNLIMIT	36.1	53.7	56.8	58.4	59.0	59.1	59.2	59.2	59.2	59.2	59.2
>=20000	44.5	65.7	69.5	71.4	72.3	72.4	72.6	72.6	72.6	72.6	72.6
>=18000	45.0	66.4	70.2	72.1	73.0	73.1	73.3	73.3	73.3	73.3	73.3
>=16000	45.1	66.5	70.4	72.3	73.2	73.3	73.5	73.5	73.5	73.5	73.5
>=14000	46.5	69.0	72.9	74.8	75.9	76.0	76.2	76.2	76.2	76.2	76.2
>=12000	48.4	72.1	76.3	78.3	79.6	79.7	79.9	79.9	79.9	79.9	79.9
>=10000	50.4	75.2	79.6	81.7	82.9	83.1	83.3	83.4	83.4	83.4	83.4
>=9000	51.1	76.4	80.9	83.1	84.5	84.6	84.9	85.0	85.0	85.0	85.0
>=8000	51.5	77.9	82.4	84.8	86.3	86.5	86.9	87.0	87.0	87.0	87.0
>=7000	51.6	78.8	83.6	86.2	87.7	87.9	88.3	88.5	88.5	88.5	88.5
>=6000	52.2	79.3	84.3	86.8	88.3	88.6	88.9	89.1	89.1	89.1	89.1
>=5000	52.3	80.0	85.1	87.6	89.2	89.4	89.8	89.9	89.9	89.9	89.9
>=4500	52.5	80.6	85.7	88.2	89.8	90.0	90.6	90.6	90.6	90.6	90.6
>=4000	52.6	81.4	86.7	89.2	90.9	91.1	91.5	91.6	91.6	91.6	91.6
>=3500	53.0	82.1	87.4	90.1	91.7	91.9	92.3	92.5	92.5	92.5	92.5
>=3000	53.2	82.8	88.2	91.0	92.7	93.0	93.4	93.5	93.5	93.5	93.5
>=2500	53.6	83.6	89.1	91.9	93.7	94.0	94.5	94.6	94.6	94.7	94.7
>=2000	53.9	84.6	90.1	93.0	94.8	95.2	95.7	95.9	95.9	95.9	95.9
>=1800	53.9	84.9	90.5	93.4	95.2	95.5	96.1	96.2	96.3	96.3	96.3
>=1500	54.1	85.3	90.9	93.9	95.8	96.2	96.8	97.0	97.0	97.1	97.1
>=1200	54.4	86.0	91.6	94.8	96.7	97.2	97.8	98.1	98.2	98.2	98.2
>=1000	54.4	86.1	91.7	95.0	96.9	97.5	98.1	98.4	98.5	98.5	98.5
>=900	54.4	86.2	91.8	95.1	97.0	97.5	98.2	98.5	98.5	98.5	98.5
>=800	54.5	86.4	92.0	95.3	97.3	97.8	98.5	98.8	98.9	98.9	98.9
>=700	54.5	86.4	92.1	95.5	97.5	98.0	98.7	99.1	99.2	99.3	99.4
>=600	54.5	86.4	92.1	95.5	97.5	98.1	98.8	99.2	99.3	99.4	99.5
>=500	54.5	86.5	92.2	95.5	97.6	98.2	98.9	99.2	99.3	99.4	99.5
>=400	54.5	86.6	92.2	95.6	97.8	98.4	99.1	99.5	99.6	99.6	99.6
>=300	54.5	86.6	92.2	95.6	97.8	98.5	99.2	99.6	99.8	99.9	99.9
>=200	54.5	86.6	92.2	95.6	97.8	98.5	99.2	99.6	99.8	99.9	99.9
>=100	54.5	86.6	92.2	95.6	97.8	98.5	99.2	99.6	99.8	99.9	99.9
>=70	54.5	86.6	92.2	95.6	97.8	98.5	99.2	99.6	99.8	99.9	99.9

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	36.1	60.1	64.5	66.4	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=20000	40.5	67.3	72.0	74.3	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
>=18000	40.8	67.6	72.3	74.6	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6
>=16000	41.1	68.0	72.7	75.0	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=14000	42.5	70.2	74.9	77.2	78.0	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
>=12000	43.9	72.6	77.7	80.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
>=10000	45.6	76.0	81.2	83.6	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7
>=9000	46.2	76.6	81.9	84.3	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
>=8000	47.1	78.3	83.7	86.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5
>=7000	47.4	79.3	84.9	87.3	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>=6000	47.7	79.9	85.6	88.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
>=5000	48.1	80.7	86.6	88.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
>=4500	48.4	81.7	87.6	90.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
>=4000	48.5	82.6	88.6	90.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
>=3500	48.8	83.1	89.0	91.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
>=3000	49.0	83.7	89.8	92.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
>=2500	49.2	84.5	90.7	93.2	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=2000	49.4	85.2	91.4	93.9	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
>=1800	49.4	85.4	91.6	94.1	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2
>=1500	49.8	86.1	92.6	95.2	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3
>=1200	49.8	86.3	92.9	95.7	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8
>=1000	50.0	86.6	93.3	96.2	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3
>=900	50.0	86.7	93.5	96.4	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
>=800	50.1	86.9	93.6	96.5	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
>=700	50.1	86.9	93.8	96.8	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0
>=600	50.1	86.9	93.9	96.9	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=500	50.1	86.9	94.1	97.1	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
>=400	50.1	87.1	94.2	97.2	99.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
>=300	50.1	87.2	94.4	97.4	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>=200	50.1	87.2	94.5	97.5	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>=100	50.1	87.2	94.5	97.5	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>= 0	50.1	87.2	94.5	97.5	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : AUG
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	33.6	52.6	56.0	58.0	59.1	59.3	59.7	59.9	60.1	60.1	60.4	60.4	60.5	60.5
>=20000	38.0	59.3	63.2	65.3	66.6	66.9	67.4	67.5	67.7	67.8	68.0	68.0	68.1	68.2
>=18000	38.3	59.7	63.5	65.6	66.9	67.2	67.7	67.9	68.1	68.1	68.4	68.4	68.5	68.5
>=16000	38.5	60.0	63.9	66.0	67.3	67.6	68.1	68.3	68.5	68.6	68.8	68.8	68.9	68.9
>=14000	39.8	62.0	65.9	68.1	69.5	69.8	70.3	70.5	70.7	70.7	71.0	71.0	71.1	71.1
>=12000	41.4	64.6	68.8	71.0	72.5	72.8	73.2	73.4	73.7	73.7	74.0	74.0	74.1	74.1
>=10000	42.7	67.0	71.4	73.7	75.3	75.6	76.1	76.3	76.5	76.6	76.8	76.8	76.9	77.0
>=9000	43.1	67.8	72.3	74.7	76.3	76.6	77.2	77.4	77.6	77.6	77.9	77.9	78.0	78.0
>=8000	43.7	69.2	73.8	76.2	77.9	78.3	78.9	79.1	79.3	79.3	79.6	79.6	79.7	79.7
>=7000	44.0	69.9	74.6	77.1	78.8	79.2	79.8	80.0	80.2	80.3	80.5	80.5	80.6	80.7
>=6000	44.3	70.5	75.4	77.9	79.6	80.0	80.6	80.8	81.0	81.1	81.3	81.3	81.4	81.5
>=5000	44.7	71.4	76.3	78.9	80.6	81.0	81.6	81.8	82.0	82.1	82.3	82.4	82.5	82.5
>=4500	45.0	72.0	77.0	79.6	81.3	81.7	82.3	82.5	82.7	82.8	83.0	83.1	83.1	83.2
>=4000	45.4	72.9	78.0	80.6	82.3	82.7	83.4	83.6	83.9	83.9	84.1	84.2	84.3	84.3
>=3500	46.4	74.4	79.5	82.2	84.0	84.4	85.1	85.3	85.5	85.6	85.8	85.9	85.9	86.0
>=3000	47.8	76.5	81.6	84.6	86.5	86.9	87.6	87.8	88.1	88.1	88.4	88.4	88.5	88.5
>=2500	49.4	79.0	84.5	87.4	89.3	89.7	90.5	90.7	90.9	91.0	91.3	91.3	91.4	91.4
>=2000	50.3	80.7	86.2	89.2	91.3	91.7	92.5	92.8	93.0	93.1	93.3	93.4	93.4	93.5
>=1800	50.5	81.1	86.7	89.6	91.7	92.2	93.0	93.2	93.5	93.6	93.8	93.8	93.9	94.0
>=1500	51.0	82.1	87.8	90.9	93.0	93.5	94.3	94.6	94.8	94.9	95.2	95.2	95.3	95.4
>=1200	51.2	82.7	88.4	91.6	93.7	94.2	95.1	95.4	95.7	95.8	96.1	96.1	96.2	96.2
>=1000	51.4	83.1	88.9	92.1	94.3	94.9	95.8	96.1	96.4	96.5	96.7	96.8	96.8	96.9
>=900	51.4	83.3	89.1	92.4	94.7	95.2	96.1	96.4	96.8	96.9	97.1	97.1	97.2	97.3
>=800	51.5	83.5	89.3	92.6	94.9	95.4	96.4	96.7	97.0	97.1	97.4	97.4	97.5	97.6
>=700	51.5	83.6	89.6	92.9	95.2	95.7	96.7	97.0	97.4	97.5	97.8	97.8	97.9	97.9
>=600	51.5	83.8	89.7	93.1	95.4	96.0	97.0	97.4	97.7	97.8	98.1	98.1	98.2	98.3
>=500	51.6	83.9	89.9	93.3	95.7	96.3	97.3	97.7	98.1	98.2	98.5	98.5	98.6	98.6
>=400	51.6	84.0	90.0	93.5	95.9	96.5	97.7	98.0	98.4	98.6	98.8	98.8	98.9	99.0
>=300	51.6	84.1	90.2	93.7	96.2	96.8	98.0	98.4	98.9	99.0	99.3	99.3	99.4	99.5
>=200	51.6	84.1	90.2	93.8	96.3	96.9	98.2	98.6	99.1	99.3	99.6	99.6	99.7	99.8
>=100	51.6	84.1	90.2	93.8	96.3	96.9	98.2	98.6	99.1	99.4	99.7	99.7	99.9	99.9
>=0	51.6	84.1	90.2	93.8	96.3	96.9	98.2	98.6	99.1	99.4	99.7	99.7	99.9	100.0

TOTAL NO. OF OBS : 10414

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	4.0	6.3	3.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	14.0	5.2			
NNE	2.4	6.7	7.4	2.0	.0	.0	.0	.0	.0	.0	.0	.0	18.5	7.0			
NE	.6	5.1	3.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	10.4	6.9			
ENE	1.0	1.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.8			
E	.7	.7	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.1	5.6			
ESE	.6	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.4			
SE	.2	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.8			
SSE	.5	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.2			
S	1.9	3.0	1.2	.5	.0	.1	.0	.0	.0	.0	.0	.0	6.7	5.5			
SSW	1.9	2.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.0			
SW	.5	2.2	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.2			
WSW	.6	1.3	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.9			
W	.5	1.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.3			
WNW	.3	1.7	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.0			
NW	.5	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0			
NNW	1.0	2.5	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.2	5.1			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0			
ALL	17.3	38.1	23.4	5.6	.4	.1	.0	.0	.0	.0	.0	.0	100.0	5.1			

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	3.3	8.5	4.2	1.0	.1	.0	.0	.0	.0	.0	.0	17.1	5.9
NNE	2.5	8.0	2.2	3.2	.1	.0	.0	.0	.0	.0	.0	21.9	7.2
NE	1.4	2.9	4.0	.6	.0	.0	.0	.0	.0	.0	.0	8.9	6.5
ENE	.8	1.1	.5	.2	.0	.0	.1	.0	.0	.0	.0	2.6	6.2
E	.3	.7	.2	.0	.1	.0	.0	.0	.0	.0	.0	1.3	5.7
ESE	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.4
SE	.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.1
SSE	.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.6
S	.6	1.3	.6	.1	.1	.0	.0	.0	.0	.0	.0	2.6	5.8
SSW	.7	1.6	1.2	.2	.0	.2	.0	.0	.0	.0	.0	3.8	6.5
SW	.7	2.0	1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.2	6.0
WSW	.6	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.1	5.9
W	.8	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.7	5.2
WNW	.6	.9	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.8	5.5
NW	.9	2.0	.3	.2	.0	.0	.1	.0	.0	.0	.0	3.4	5.6
NNW	1.3	4.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	6.7	5.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.3	.0
ALL	15.6	38.7	24.4	6.2	.4	.2	.2	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	2.9	7.7	4.8	1.0	.1	.0	.0	.0	.0	.0	.0	16.4	6.2				
NNE	2.1	7.9	11.1	4.5	.2	.1	.0	.0	.0	.0	.0	25.4	7.8				
NE	1.3	4.1	5.0	1.3	.2	.0	.0	.0	.0	.0	.0	12.0	7.2				
ENE	.9	1.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.3				
E	.4	.7	.5	.1	.1	.0	.0	.0	.0	.0	.0	1.7	6.4				
ESE	.5	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	4.6				
SE	.2	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.2	5.8				
SSE	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.3				
S	.7	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.7	4.9				
SSW	.4	1.7	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.8				
SW	.6	2.1	1.0	.2	.1	.0	.0	.0	.0	.0	.0	3.8	6.3				
WSW	.3	2.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	4.7	6.5				
W	.4	2.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.8	6.2				
WNW	1.0	1.7	.2	.2	.0	.1	.0	.0	.0	.0	.0	3.1	5.5				
NW	.7	1.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.0	5.3				
NNW	1.7	2.7	1.0	.4	.0	.0	.0	.0	.0	.0	.0	5.8	5.3				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	.0				
ALL	14.4	37.1	30.1	7.8	.8	.2	.0	.0	.0	.0	.0	100.0	5.9				

TOTAL NO. OF OBS : 1260

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1000 LST

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

DIR.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED
	16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56		
N	.9	2.9	5.0	3.2	.2	.0	.0	.0	.0	.0	.0	.0	12.1	8.5
NNE	.4	2.3	7.1	4.7	.5	.0	.0	.0	.0	.0	.0	.0	14.9	9.5
NE	.6	2.9	8.1	5.5	.7	.0	.1	.0	.0	.0	.0	.0	17.4	9.5
ENE	.3	1.4	7.9	1.7	.1	.0	.0	.0	.0	.0	.0	.0	7.5	8.8
E	.4	1.3	7.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	5.7	8.2
ESE	.2	.7	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.9	8.9
SE	.3	.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.9
SSE	.4	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.1	7.4
S	.6	1.3	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.0
SSW	.2	.7	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.9	8.1
SW	.3	1.5	2.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.6
WSW	.4	1.7	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.3
W	.3	1.4	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	5.2	7.9
WNW	.5	2.1	1.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.3	7.0
NW	.3	1.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.4
NNW	.8	1.3	1.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	4.0	7.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	.0
ALL	7.0	24.1	44.0	21.7	1.7	.1	.1	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1300 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N	.4	1.9	3.9	2.1	.2	.0	.0	.0	.0	.0	.0	8.4	8.7
NNE	.5	2.5	4.9	3.6	.6	.0	.0	.0	.0	.0	.0	12.1	9.2
NE	.2	1.4	6.8	3.2	.0	.0	.0	.0	.0	.0	.0	11.4	9.4
ENE	.2	1.4	4.1	2.3	.2	.0	.0	.0	.0	.0	.0	8.1	9.2
E	.2	1.3	3.7	2.9	.2	.2	.0	.0	.0	.0	.0	8.3	10.0
ESE	.4	1.0	2.4	2.2	.1	.0	.0	.0	.0	.0	.0	6.1	9.3
SE	.2	.9	2.6	1.6	.1	.0	.0	.0	.0	.0	.0	5.4	9.2
SSE	.3	1.4	2.4	.8	.2	.0	.0	.0	.0	.0	.0	5.1	8.3
S	.2	1.0	2.9	1.3	.1	.1	.0	.0	.0	.0	.0	5.5	9.1
SSW	.0	.8	1.7	1.0	.1	.0	.0	.0	.0	.0	.0	3.6	9.4
SW	.7	.8	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	4.6	8.0
WSW	.2	1.4	2.3	.7	.0	.0	.0	.0	.0	.0	.0	4.6	7.8
W	.2	1.7	2.1	1.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.0
WNW	.2	.7	1.8	.5	.1	.2	.0	.0	.0	.0	.0	3.5	9.0
NW	.2	1.4	1.4	.5	.0	.0	.0	.0	.0	.0	.0	3.4	7.4
NNW	.2	.9	1.7	.8	.2	.0	.0	.0	.0	.0	.0	3.8	9.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.0
ALL	4.2	20.5	46.4	25.7	1.9	.4	.0	.0	.0	.0	.0	100.0	8.9

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

W13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	.2	2.1	4.2	1.7	.0	.0	.1	.0	.0	.0	.0	8.2	8.7
NNE	.3	2.1	4.2	1.7	.1	.0	.0	.0	.0	.0	.0	8.5	8.5
NE	.6	1.1	5.2	2.1	.1	.0	.0	.0	.0	.0	.0	9.2	8.7
ENE	.2	.6	2.8	2.2	.2	.1	.0	.0	.0	.0	.0	6.1	10.3
E	.2	1.1	4.7	4.4	.2	.0	.0	.0	.0	.0	.0	10.6	10.0
ESE	.2	.9	4.5	3.2	.2	.1	.0	.0	.0	.0	.0	9.0	9.9
SE	.2	1.2	6.0	2.4	.0	.0	.0	.0	.0	.0	.0	9.8	9.1
SSE	.2	1.4	4.2	1.8	.2	.0	.0	.0	.0	.0	.0	7.8	9.0
S	.1	1.0	5.2	3.0	.2	.0	.1	.0	.0	.0	.0	9.5	9.9
SSW	.1	1.0	1.9	1.6	.1	.1	.0	.0	.0	.0	.0	4.8	9.4
SW	.0	.9	1.8	.6	.0	.0	.0	.0	.0	.0	.0	3.3	8.6
WSW	.0	.9	.8	.4	.0	.0	.0	.0	.0	.0	.0	2.1	8.3
W	.2	.3	1.4	.4	.1	.0	.0	.0	.0	.0	.0	2.4	8.4
WNW	.1	.4	1.0	.4	.2	.0	.0	.0	.0	.0	.0	2.0	9.3
NW	.2	.7	1.1	.2	.2	.0	.0	.0	.0	.0	.0	2.4	8.1
NNW	.2	1.4	1.6	.6	.0	.0	.0	.0	.0	.0	.0	3.7	7.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.0
ALL	2.9	17.0	50.6	26.8	1.5	.2	.2	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1258

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1900 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	
																%	MEAN WIND SPEED
N	.6			3.3			2.9	.8	.0	.0	.0	.0	.0	.0	.0	7.6	6.9
NNE	.6			2.7			3.7	.7	.1	.0	.0	.0	.0	.0	.0	7.8	7.3
NE	.6			4.0			3.7	1.3	.1	.0	.0	.0	.0	.0	.0	9.7	7.2
ENE	.5			3.3			4.1	.4	.0	.0	.0	.0	.0	.0	.0	8.3	6.8
E	1.6			4.8			4.7	.4	.0	.0	.0	.0	.0	.0	.0	11.5	6.3
ESE	.6			3.6			2.8	.3	.0	.0	.0	.0	.0	.0	.0	7.2	6.3
SE	.6			4.7			1.4	.0	.0	.0	.0	.0	.0	.0	.0	6.8	5.6
SSE	1.3			5.6			2.0	.2	.2	.0	.0	.0	.0	.0	.0	9.1	5.7
S	1.3			6.7			4.6	.6	.0	.1	.0	.0	.0	.0	.0	13.3	6.3
SSW	.6			2.8			2.0	.2	.0	.0	.0	.0	.0	.0	.0	5.6	6.1
SW	.2			1.1			.7	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.0
WSW	.2			.6			.7	.1	.0	.0	.0	.0	.0	.0	.0	1.6	6.8
W	.3			.3			.3	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.8
WNW	.0			.2			.2	.1	.0	.0	.0	.0	.0	.0	.0	.6	7.9
NW	.0			.4			.4	.0	.2	.0	.0	.0	.0	.0	.0	1.0	9.5
NNW	.5			1.5			.6	.1	.0	.0	.0	.0	.0	.0	.0	2.7	5.5
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	.0
ALL	9.4			45.7			34.9	5.2	.6	.2	.0	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

513880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	1.7	3.6	2.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.8
NNE	1.6	7.0	6.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.3	6.9
NE	1.4	6.7	4.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.1	6.4
ENE	.6	2.1	1.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.4
E	1.0	2.7	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.2
ESE	.5	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.4
SE	1.0	2.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8
SSE	1.3	2.1	.5	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.6
S	2.8	5.7	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2	4.8
SSW	1.3	4.1	1.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	5.3
SW	.8	1.2	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.9
WSW	.5	.6	.9	.2	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.8
W	.7	.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.3
WNW	.4	.6	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.1
NW	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
NNW	.6	1.6	.5	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0
ALL	16.3	43.7	23.0	4.0	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	1.7	4.5	3.9	1.3	.1	.0	.0*	.0	.0	.0	.0	11.5	6.8				
NNE	1.3	4.9	6.6	2.7	.2	.0*	.0	.0	.0	.0	.0	15.7	7.8				
NE	.8	3.5	5.1	2.0	.1	.0	.0*	.0	.0	.0	.0	11.5	7.8				
ENE	.6	1.6	2.3	.9	.1	.0*	.0	.0	.0	.0	.0	5.4	7.8				
E	.6	1.7	2.3	1.1	.1	.0*	.0	.0	.0	.0	.0	5.7	7.9				
ESE	.4	1.2	1.5	.9	.0*	.0*	.0	.0	.0	.0	.0	4.0	7.9				
SE	.4	1.4	1.6	.6	.0*	.0*	.0	.0	.0	.0	.0	4.0	7.3				
SSE	.6	1.6	1.4	.4	.1	.0*	.0	.0	.0	.0	.0	4.1	7.0				
S	1.0	2.6	2.2	.8	.0*	.0*	.0	.0	.0	.0	.0	6.7	6.8				
SSW	.6	1.9	1.3	.5	.0*	.0*	.0	.0	.0	.0	.0	4.5	6.7				
SW	.5	1.5	1.5	.4	.0*	.0*	.0	.0	.0	.0	.0	3.9	6.9				
WSW	.3	1.3	1.5	.3	.0*	.0*	.0	.0	.0	.0	.0	3.4	6.9				
W	.4	1.1	1.2	.4	.0*	.0*	.0	.0	.0	.0	.0	3.2	6.9				
WNW	.4	1.0	.7	.2	.1	.0*	.0	.0	.0	.0	.0	2.4	7.0				
NW	.3	1.2	.7	.2	.0*	.0	.0*	.0	.0	.0	.0	2.4	6.5				
NNW	.8	2.0	1.0	.4	.1	.0	.0	.0	.0	.0	.0	4.3	6.3				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	.0				
ALL	10.9	33.1	34.6	12.9	1.0	.2	.0*	.0	.0	.0	.0	100.0	6.7				

TOTAL NO. OF OBS : 10076

NOTES :
 * = PERCENT < .05

U1388C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : SEP
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																	
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	30.6	57.5	61.9	65.1	66.0	66.3	67.1	67.2	67.2	67.2	67.2	67.7	67.9	67.9	68.1	68.1	68.2	68.2
>=20000	32.4	60.9	65.7	69.0	70.1	70.3	71.2	71.3	71.3	71.3	71.3	71.7	72.1	72.1	72.2	72.2	72.3	72.3
>=18000	32.4	60.9	65.7	69.0	70.1	70.3	71.2	71.3	71.3	71.3	71.3	71.7	72.1	72.1	72.2	72.2	72.3	72.3
>=16000	32.5	61.0	66.0	69.3	70.4	70.6	71.5	71.6	71.6	71.6	71.6	72.1	72.4	72.4	72.5	72.5	72.6	72.6
>=14000	33.5	62.5	67.8	71.3	72.5	72.8	73.7	73.7	73.7	73.7	73.7	74.3	74.6	74.6	74.8	74.8	74.8	74.8
>=12000	34.6	64.7	70.1	73.7	74.9	75.2	76.0	76.1	76.1	76.1	76.1	76.7	77.0	77.0	77.1	77.1	77.2	77.2
>=10000	35.6	66.7	72.4	76.0	77.4	77.6	78.5	78.6	78.6	78.6	78.6	79.1	79.4	79.4	79.6	79.6	79.7	79.7
>= 9000	36.3	67.9	73.8	77.5	78.8	79.0	79.9	80.0	80.0	80.0	80.0	80.6	80.9	80.9	81.0	81.0	81.1	81.1
>= 8000	37.1	69.4	75.4	79.1	80.6	80.9	81.8	81.9	81.9	81.9	81.9	82.5	82.8	82.8	82.9	83.0	83.0	83.0
>= 7000	37.4	70.2	76.2	80.0	81.5	81.7	82.7	82.8	82.8	82.8	82.8	83.3	83.7	83.7	83.8	83.8	83.9	83.9
>= 6000	37.9	71.2	77.3	81.1	82.7	82.9	83.6	84.0	84.0	84.0	84.0	84.5	84.8	84.8	85.0	85.0	85.1	85.1
>= 5000	38.2	72.2	78.3	82.2	83.8	84.0	85.0	85.1	85.1	85.1	85.1	85.6	86.0	86.0	86.1	86.2	86.2	86.2
>= 4500	38.4	72.5	78.7	82.5	84.1	84.4	85.3	85.4	85.4	85.4	85.4	86.0	86.3	86.3	86.4	86.5	86.5	86.5
>= 4000	38.6	72.9	79.2	83.3	85.1	85.1	86.0	86.1	86.1	86.1	86.1	86.7	87.0	87.0	87.1	87.2	87.3	87.3
>= 3500	38.8	73.6	79.8	83.9	85.5	85.7	86.7	86.7	86.7	86.7	86.7	87.3	87.6	87.6	87.8	87.8	87.9	87.9
>= 3000	39.0	74.4	80.7	84.9	86.5	86.7	87.7	87.8	87.8	87.8	87.8	88.3	88.7	88.7	88.8	88.8	89.0	89.0
>= 2500	39.5	75.6	81.9	86.1	87.7	87.9	89.0	89.0	89.0	89.0	89.0	89.6	89.9	89.9	90.1	90.1	90.2	90.2
>= 2000	40.0	76.6	82.9	87.3	89.0	89.2	90.3	90.4	90.4	90.4	90.4	91.0	91.3	91.3	91.4	91.4	91.6	91.6
>= 1800	40.3	76.9	83.3	87.7	89.4	89.6	90.7	90.8	90.8	90.8	90.8	91.3	91.7	91.7	91.8	91.8	92.0	92.0
>= 1500	40.6	77.7	84.1	88.7	90.6	90.8	91.9	92.0	92.0	92.0	92.0	92.5	92.9	92.9	93.0	93.0	93.2	93.2
>= 1200	40.6	78.3	85.3	90.0	91.8	92.1	93.3	93.4	93.4	93.4	93.4	94.0	94.3	94.3	94.4	94.4	94.6	94.6
>= 1000	40.8	79.0	86.0	90.7	92.5	92.9	94.0	94.1	94.1	94.1	94.1	94.7	95.0	95.0	95.2	95.2	95.3	95.3
>= 900	41.0	79.8	87.0	91.7	93.6	93.9	95.0	95.2	95.2	95.2	95.2	95.7	96.0	96.0	96.2	96.2	96.3	96.3
>= 800	41.1	80.2	87.5	92.5	94.4	94.7	95.8	96.0	96.0	96.0	96.0	96.5	96.8	96.8	97.0	97.0	97.1	97.1
>= 700	41.1	80.5	87.8	92.8	94.7	95.0	96.1	96.2	96.2	96.2	96.2	96.8	97.1	97.1	97.3	97.3	97.5	97.5
>= 600	41.1	80.6	87.9	92.9	94.8	95.2	96.3	96.5	96.5	96.5	96.5	97.1	97.4	97.4	97.5	97.5	97.7	97.7
>= 500	41.2	80.9	88.3	93.5	95.5	95.8	97.1	97.3	97.3	97.3	97.3	97.9	98.3	98.3	98.4	98.4	98.6	98.6
>= 400	41.3	81.0	88.4	93.8	95.8	96.1	97.4	97.6	97.6	97.6	97.6	98.3	98.6	98.6	98.7	98.7	98.9	98.9
>= 300	41.4	81.1	88.7	94.2	96.3	96.7	98.2	98.4	98.4	98.4	98.4	99.0	99.4	99.4	99.5	99.5	99.7	99.7
>= 200	41.4	81.1	88.7	94.2	96.4	96.8	98.3	98.5	98.5	98.5	98.5	99.2	99.5	99.5	99.7	99.7	99.8	99.8
>= 100	41.4	81.1	88.7	94.2	96.4	96.8	98.3	98.5	98.5	98.5	98.5	99.2	99.5	99.5	99.7	99.7	99.9	99.9
>= 0	41.4	81.1	88.7	94.2	96.4	96.8	98.3	98.5	98.5	98.5	98.5	99.2	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NC. OF OBS : 1260

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL *WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1
UNLIMIT	22.4	47.1	51.8	56.9	59.2	59.4	60.6	60.9	61.0	61.7
>=20000	23.2	49.0	54.4	59.8	62.2	62.5	63.7	64.0	64.0	64.8
>=16000	23.2	49.0	54.4	59.8	62.2	62.5	63.7	64.0	64.0	64.8
>=14000	23.3	49.2	54.6	60.1	62.5	62.7	63.9	64.2	64.3	65.1
>=12000	24.0	50.5	56.0	61.7	64.1	64.4	65.6	66.0	66.0	66.9
>=10000	24.7	51.9	57.5	63.2	65.6	65.9	67.1	67.5	67.5	68.4
>=8000	25.6	54.0	59.8	65.6	68.2	68.4	69.6	70.0	70.1	71.0
>=6000	26.3	55.0	61.0	66.9	69.4	69.7	71.0	71.3	71.4	72.3
>=4000	26.8	56.3	62.5	68.6	71.1	71.3	72.6	73.0	73.1	74.0
>=2000	27.4	57.5	63.7	69.8	72.3	72.5	73.8	74.2	74.3	75.2
>=1000	27.7	57.9	64.4	70.6	73.1	73.3	74.6	75.0	75.1	76.0
>=500	28.3	59.1	65.6	71.8	74.4	74.7	76.0	76.3	76.4	77.3
>=250	28.7	59.7	66.1	72.4	75.0	75.2	76.5	76.9	77.0	77.9
>=100	29.0	60.5	66.9	73.2	75.8	76.0	77.3	77.7	77.8	78.7
>=50	29.3	61.2	67.7	74.0	76.7	76.9	78.2	78.6	78.7	79.5
>=25	29.5	62.3	68.9	75.5	78.1	78.3	79.6	80.0	80.1	81.0
>=10	29.9	63.3	70.2	76.8	79.4	79.7	81.0	81.4	81.5	82.4
>=5	30.2	64.3	71.2	78.0	80.6	80.9	82.4	82.8	82.9	83.7
>=2.5	30.2	64.9	71.8	78.8	81.4	81.7	83.2	83.6	83.7	84.5
>=1.5	30.9	66.0	73.2	80.2	82.9	83.3	84.8	85.2	85.3	86.2
>=1.0	31.0	66.5	73.8	80.8	83.6	83.9	85.6	86.0	86.1	87.1
>=0.75	31.2	67.4	74.8	81.9	84.7	85.0	86.7	87.1	87.2	88.2
>=0.5	31.4	67.9	75.6	82.6	85.4	85.7	87.5	87.9	88.0	89.0
>=0.25	31.4	68.1	75.9	82.9	85.7	86.0	87.9	88.3	88.3	89.3
>=0.15	31.6	68.5	76.3	83.6	86.7	87.0	88.8	89.2	89.3	90.2
>=0.1	31.7	69.4	77.6	85.0	88.2	88.5	90.4	90.8	90.9	91.9
>=0.075	31.7	69.6	77.9	85.3	88.7	89.0	91.1	91.5	91.6	92.7
>=0.05	31.7	69.8	78.3	85.8	89.2	89.6	91.7	92.1	92.2	93.4
>=0.025	31.7	70.1	78.7	86.4	90.0	90.5	92.6	93.3	93.3	94.5
>=0.015	31.7	70.1	78.8	86.5	90.4	90.9	93.4	93.9	94.0	95.3
>=0.01	31.7	70.1	78.8	86.6	90.5	91.0	93.5	94.0	94.0	95.5
>=0.0075	31.7	70.1	78.8	86.6	90.5	91.0	93.5	94.0	94.1	95.6
>=0.005	31.7	70.1	78.8	86.6	90.5	91.0	93.5	94.0	94.1	95.6

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013830 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : SEP
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	17.7	38.7	42.6	46.0	49.0	50.6	52.9	53.7	53.7	54.2	54.5	55.1	55.2	55.9	56.2	
>=20000	19.7	42.5	46.9	50.4	53.5	55.1	57.5	58.3	58.3	58.9	59.2	59.8	59.9	60.6	61.0	
>=18000	19.8	42.8	47.2	50.8	53.9	55.5	58.0	58.7	58.7	59.4	59.7	60.2	60.4	61.1	61.5	
>=16000	19.9	42.9	47.4	51.0	54.0	55.6	58.3	59.0	59.0	59.6	59.9	60.6	60.7	61.4	61.8	
>=14000	21.3	45.1	45.8	53.6	56.7	58.4	61.2	61.9	61.9	62.6	62.9	63.6	63.7	64.6	65.0	
>=12000	22.2	46.4	51.6	55.6	59.0	60.8	63.9	64.6	64.6	65.3	65.7	66.3	66.5	67.4	67.9	
>=10000	23.2	48.2	53.6	57.8	61.3	63.2	66.3	67.0	67.0	67.7	68.1	68.7	68.9	69.8	70.2	
>=9000	23.5	48.8	54.4	58.7	62.3	64.1	67.3	68.0	68.0	68.7	69.1	69.8	69.9	70.8	71.3	
>=8000	24.1	50.0	55.6	59.9	63.6	65.4	68.6	69.3	69.3	70.0	70.4	71.0	71.2	72.1	72.5	
>=7000	24.5	51.0	56.7	61.2	65.0	66.8	70.2	70.9	70.9	71.6	72.0	72.6	72.8	73.7	74.1	
>=6000	25.4	52.5	58.3	62.9	66.9	68.8	72.1	72.9	72.9	73.6	74.0	74.6	74.8	75.6	76.1	
>=5000	25.6	52.7	58.7	63.4	67.6	69.5	72.9	73.7	73.7	74.4	74.8	75.5	75.6	76.6	77.1	
>=4500	25.9	53.1	59.2	63.9	68.1	70.0	73.4	74.2	74.2	74.9	75.3	76.0	76.1	77.1	77.5	
>=4000	26.2	53.9	60.1	64.8	69.0	71.0	74.5	75.3	75.3	76.0	76.4	77.1	77.3	78.3	78.7	
>=3500	26.4	54.4	60.6	65.4	69.6	71.6	75.1	75.9	75.9	76.6	77.0	77.6	77.9	78.8	79.3	
>=3000	26.9	55.4	61.8	66.7	71.0	72.9	76.4	77.2	77.2	77.9	78.3	79.0	79.2	80.2	80.7	
>=2500	27.3	56.2	62.7	67.5	71.9	74.0	77.6	78.4	78.4	79.1	79.5	80.2	80.4	81.3	81.9	
>=2000	27.6	56.9	63.4	68.3	72.6	74.7	78.5	79.4	79.4	80.2	80.6	81.2	81.4	82.4	82.9	
>=1800	27.9	57.3	63.8	68.7	73.2	75.3	79.2	80.1	80.1	80.9	81.3	81.9	82.1	83.1	83.7	
>=1500	28.5	58.3	64.9	69.8	74.4	76.5	80.5	81.3	81.3	82.3	82.7	83.3	83.6	84.5	85.1	
>=1200	29.0	59.1	66.0	71.0	75.5	77.7	81.7	82.6	82.6	83.6	84.0	84.7	84.9	85.9	86.4	
>=1000	29.3	60.1	66.9	72.0	76.6	78.8	82.9	83.7	83.7	84.7	85.1	85.9	86.1	87.1	87.6	
>=900	29.3	60.4	67.3	72.5	77.2	79.4	83.6	84.4	84.4	85.4	85.8	86.6	86.8	87.8	88.3	
>=800	29.5	60.9	67.9	73.3	78.1	80.3	84.5	85.5	85.5	86.4	86.8	87.6	87.9	88.8	89.4	
>=700	29.7	61.4	68.6	74.0	78.9	81.1	85.3	86.4	86.4	87.5	87.9	88.7	88.9	89.8	90.4	
>=600	29.8	62.1	69.4	74.9	79.9	82.2	86.4	87.5	87.5	88.6	89.0	89.8	90.1	91.0	91.7	
>=500	29.9	62.9	70.2	75.9	81.0	83.3	87.6	88.9	88.9	90.0	90.4	91.3	91.5	92.5	93.1	
>=400	30.0	63.7	71.3	77.1	82.5	85.1	89.9	91.4	91.4	92.6	93.0	93.9	94.1	95.1	95.7	
>=300	30.1	64.0	71.7	77.5	83.0	85.8	91.0	92.6	92.6	94.1	94.5	95.5	95.8	96.7	97.4	
>=200	30.1	64.0	71.8	77.8	83.4	86.2	91.4	93.4	93.4	95.2	95.7	96.9	97.5	98.5	99.3	
>=100	30.1	64.1	71.9	77.9	83.5	86.3	91.5	93.5	93.5	95.3	95.9	97.1	97.7	98.9	99.7	
>= J	30.1	64.1	71.9	77.9	83.5	86.3	91.5	93.5	93.5	95.3	95.9	97.1	97.7	98.9	100.0	

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : SEP
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	32.1	47.1	46.0	49.6	50.4	50.6	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1
>=20000	35.4	51.3	53.5	54.1	55.0	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.8
>=18000	35.4	51.5	53.7	54.3	55.2	55.5	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0
>=16000	35.7	51.9	54.0	54.7	55.6	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4
>=14000	36.7	53.4	55.6	56.2	57.3	57.7	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2
>=12000	38.4	55.7	57.9	58.5	59.7	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=10000	39.2	57.5	59.8	60.6	61.8	62.3	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9
>= 9000	39.7	58.3	60.6	61.4	62.6	63.1	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7	63.7
>= 8000	40.2	59.5	61.9	62.7	64.0	64.5	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1	65.1
>= 7000	41.0	60.6	63.1	63.9	65.4	65.9	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5	66.5
>= 6000	41.7	61.7	64.3	65.1	66.7	67.1	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
>= 5000	42.2	62.7	65.2	66.2	67.8	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0
>= 4500	42.5	63.0	65.6	66.5	68.1	68.6	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3
>= 4000	42.8	63.5	66.1	67.1	68.7	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0
>= 3500	43.2	64.1	66.7	67.9	69.4	70.0	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
>= 3000	44.5	66.1	68.9	70.0	71.6	72.1	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 2500	46.7	69.2	72.3	73.5	75.2	75.8	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7
>= 2000	50.3	74.1	77.3	78.7	80.6	81.3	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
>= 1800	51.3	75.5	78.7	80.3	82.2	83.0	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 1500	53.3	78.8	82.1	83.9	85.8	86.7	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8
>= 1200	54.4	80.6	84.0	86.0	87.9	88.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
>= 1000	55.2	82.5	86.3	88.3	90.3	91.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7
>= 900	55.2	83.9	87.9	89.9	92.1	92.9	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4
>= 800	55.6	84.6	88.7	90.9	93.1	94.0	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6
>= 700	55.8	85.2	89.5	91.7	94.0	94.8	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.5	96.5
>= 600	55.9	85.4	89.9	92.3	94.6	95.5	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.5	97.5
>= 500	55.9	86.0	90.6	93.2	95.6	96.5	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9
>= 400	55.9	86.1	91.0	93.7	96.1	97.1	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.9	99.9
>= 300	55.9	86.1	91.0	93.7	96.1	97.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
>= 200	55.9	86.1	91.0	93.7	96.1	97.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
>= 100	55.9	86.1	91.0	93.7	96.1	97.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0
>= 0	55.9	86.1	91.0	93.7	96.1	97.2	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	28.5	40.3	41.9	42.3	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
>=20000	33.3	46.5	48.5	49.0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>=18000	33.6	46.9	48.9	49.5	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
>=16000	33.9	47.3	49.2	49.8	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
>=14000	35.2	48.7	50.7	51.2	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=12000	36.5	50.8	52.8	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=10000	37.7	52.7	54.7	55.3	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>= 9000	38.1	53.4	55.4	56.0	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>= 8000	38.8	54.3	56.5	57.0	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
>= 7000	39.2	55.0	57.2	57.7	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>= 6000	39.6	55.8	57.9	58.5	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 5000	39.9	56.6	58.7	59.3	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 4500	40.7	57.5	59.7	60.3	61.0	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
>= 4000	43.0	60.4	62.6	63.3	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>= 3500	45.9	64.1	66.4	67.3	68.0	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 3000	51.5	71.5	74.0	75.1	75.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 2500	56.4	78.7	81.7	83.2	84.2	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>= 2000	59.3	83.2	86.5	88.2	89.2	89.4	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 1800	59.4	83.8	87.1	89.0	90.0	90.3	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>= 1500	60.5	85.9	89.7	91.7	92.9	93.2	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
>= 1200	61.1	87.5	91.3	93.3	94.6	94.9	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>= 1000	61.6	88.5	92.5	94.5	95.8	96.1	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 900	61.6	88.7	92.9	95.0	96.3	96.7	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>= 800	61.6	88.7	93.2	95.4	96.7	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 700	61.6	89.0	93.6	95.7	97.2	97.5	98.3	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6
>= 600	61.6	89.0	93.7	96.0	97.6	97.9	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 500	61.6	89.2	93.9	96.3	97.9	98.3	99.0	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
>= 400	61.6	89.2	93.9	96.3	98.1	98.5	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
>= 300	61.6	89.2	93.9	96.3	98.1	98.5	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
>= 200	61.6	89.2	93.9	96.3	98.1	98.5	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
>= 100	61.6	89.2	93.9	96.3	98.1	98.5	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0
>= 0	61.6	89.2	93.9	96.3	98.1	98.5	99.4	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2 1/2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	35.6	49.0	50.8	52.0	52.7	52.7	52.7	52.7	52.7	52.7
>=20000	41.3	57.2	59.2	60.5	61.2	61.2	61.2	61.2	61.2	61.2
>=18000	41.3	57.4	59.5	60.7	61.4	61.4	61.4	61.4	61.4	61.4
>=16000	41.4	57.6	59.6	60.9	61.5	61.6	61.6	61.6	61.6	61.6
>=14000	42.8	59.4	61.4	62.8	63.5	63.5	63.5	63.5	63.5	63.5
>=12000	44.8	62.4	64.5	65.9	66.6	66.6	66.6	66.6	66.6	66.6
>=10000	46.6	65.2	67.7	69.2	69.9	70.0	70.0	70.0	70.0	70.0
>=9000	46.8	65.8	68.6	70.1	70.9	71.0	71.0	71.0	71.0	71.0
>=8000	48.2	67.9	70.8	72.5	73.3	73.4	73.4	73.4	73.4	73.4
>=7000	48.6	68.8	71.8	73.4	74.2	74.4	74.4	74.4	74.4	74.4
>=6000	49.3	69.7	72.7	74.7	75.5	75.7	75.7	75.7	75.7	75.7
>=5000	50.2	70.9	74.2	76.2	77.1	77.2	77.2	77.2	77.2	77.2
>=4500	50.8	71.9	75.4	77.3	78.1	78.3	78.3	78.3	78.3	78.3
>=4000	51.7	73.2	76.7	78.8	79.6	79.8	79.8	79.8	79.8	79.8
>=3500	53.3	75.7	79.3	81.5	82.3	82.6	82.6	82.6	82.6	82.6
>=3000	55.3	78.8	82.4	84.8	85.9	86.2	86.2	86.3	86.3	86.3
>=2500	56.6	81.8	85.7	88.3	89.3	89.8	89.8	89.9	89.9	89.9
>=2000	58.1	83.6	87.8	90.5	91.6	92.1	92.1	92.1	92.2	92.2
>=1800	58.7	84.3	88.6	91.4	92.7	93.2	93.2	93.2	93.3	93.3
>=1500	59.4	85.9	90.3	93.1	94.4	94.9	94.9	95.0	95.1	95.1
>=1200	59.7	87.0	91.4	94.2	95.5	96.2	96.3	96.4	96.5	96.5
>=1000	59.7	87.4	92.1	94.8	96.3	97.1	97.1	97.3	97.4	97.5
>=900	59.8	87.8	92.5	95.3	96.8	97.6	97.8	97.9	98.0	98.1
>=800	59.9	88.2	92.9	95.7	97.3	98.2	98.3	98.5	98.6	98.6
>=700	59.9	88.4	93.1	96.0	97.9	98.5	98.6	98.8	98.9	99.0
>=600	59.9	88.4	93.1	96.1	98.0	98.3	98.4	98.6	98.7	98.7
>=500	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7
>=400	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7
>=300	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7
>=200	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7
>=100	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7
>=0	59.9	88.4	93.2	96.2	98.1	98.3	98.4	98.6	98.7	98.7

TOTAL NO. OF OBS : 1258

2 - CEILING VS VISIBILITY

U1388D : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	39.4	56.7	58.7	60.0	60.6	60.7	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
>=20000	44.3	64.3	66.9	68.5	69.0	69.2	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=18000	44.6	64.6	67.3	68.9	69.4	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=16000	44.8	64.8	67.6	69.2	69.8	69.9	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=14000	46.0	66.7	69.5	71.1	71.7	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=12000	47.8	69.1	72.1	73.7	74.3	74.4	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>=10000	49.3	72.5	75.8	77.6	78.3	78.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=9000	49.8	73.6	77.2	79.0	79.7	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=8000	50.2	74.5	78.2	80.2	80.8	81.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>=7000	50.7	75.6	79.4	81.5	82.2	82.5	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>=6000	51.1	76.2	80.1	82.1	82.9	83.2	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>=5000	52.0	77.2	81.3	83.3	84.2	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>=4500	52.3	78.0	82.1	84.2	85.1	85.3	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>=4000	52.9	78.6	82.7	84.9	85.8	86.0	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>=3500	53.3	79.4	83.7	86.0	86.8	87.1	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>=3000	54.1	80.9	85.2	87.5	88.5	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>=2500	54.7	82.1	86.7	89.0	89.9	90.2	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3
>=2000	55.3	83.6	88.6	91.0	92.0	92.4	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
>=1800	55.6	84.0	89.1	91.6	92.6	93.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
>=1500	55.9	84.7	89.9	92.4	93.4	93.8	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>=1200	56.1	85.3	90.6	93.0	94.2	94.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
>=1000	56.3	86.0	91.3	94.0	95.2	95.6	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
>=900	56.3	86.3	91.6	94.4	95.7	96.1	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
>=800	56.4	86.5	92.0	94.8	96.2	96.6	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
>=700	56.4	86.7	92.1	94.9	96.4	96.8	98.0	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
>=600	56.4	86.7	92.4	95.2	96.7	97.1	98.3	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
>=500	56.4	86.7	92.4	95.2	97.0	97.5	98.6	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>=400	56.4	86.7	92.4	95.2	97.1	97.6	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
>=300	56.4	86.8	92.5	95.3	97.1	97.7	99.3	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>=200	56.4	86.8	92.5	95.3	97.1	97.7	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>=100	56.4	86.8	92.5	95.3	97.1	97.7	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>=0	56.4	86.8	92.5	95.3	97.1	97.7	99.3	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NCNE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	36.8	62.9	65.5	67.5	68.7	68.8	69.1	69.1	69.1	69.2
>=20000	39.2	66.7	69.5	71.7	72.9	73.0	73.3	73.3	73.3	73.4
>=18000	39.4	67.1	69.9	72.1	73.3	73.4	73.7	73.7	73.8	73.8
>=16000	39.5	67.2	70.1	72.3	73.4	73.6	73.9	73.9	74.0	74.0
>=14000	40.9	68.8	71.7	74.0	75.1	75.2	75.6	75.6	75.6	75.6
>=12000	42.0	71.3	74.3	76.6	77.7	77.9	78.2	78.2	78.3	78.3
>=10000	43.1	73.7	77.1	79.4	80.5	80.7	81.0	81.0	81.1	81.1
>= 9000	43.4	74.2	77.6	79.9	81.0	81.3	81.6	81.6	81.7	81.7
>= 8000	43.7	74.9	78.5	80.8	81.9	82.1	82.5	82.5	82.5	82.5
>= 7000	44.2	76.0	79.6	81.9	83.1	83.3	83.7	83.7	83.7	83.7
>= 6000	44.7	76.7	80.4	82.8	84.0	84.2	84.5	84.5	84.6	84.6
>= 5000	45.2	78.2	82.0	84.4	85.6	85.8	86.1	86.1	86.2	86.2
>= 4500	45.6	79.0	82.8	85.2	86.4	86.7	87.0	87.0	87.1	87.1
>= 4000	45.7	79.3	83.1	85.7	86.9	87.1	87.5	87.5	87.6	87.6
>= 3500	46.1	80.2	84.0	86.6	87.8	88.0	88.4	88.4	88.5	88.5
>= 3000	46.5	81.3	85.2	87.8	89.0	89.3	89.7	89.8	89.8	89.8
>= 2500	47.3	82.8	86.7	89.5	90.8	91.0	91.4	91.5	91.6	91.6
>= 2000	47.9	83.7	87.9	90.8	92.1	92.5	92.9	92.9	93.0	93.0
>= 1800	48.2	84.2	88.4	91.3	92.7	93.0	93.4	93.5	93.6	93.6
>= 1500	48.3	84.7	88.9	91.8	93.3	93.6	94.1	94.2	94.3	94.3
>= 1200	48.7	85.6	89.8	92.8	94.2	94.5	95.2	95.2	95.3	95.3
>= 1000	48.7	86.2	90.6	93.7	95.2	95.6	96.3	96.3	96.4	96.4
>= 900	48.7	86.4	91.0	94.1	95.6	96.0	96.7	96.8	96.9	97.0
>= 800	48.7	86.7	91.3	94.5	96.0	96.4	97.3	97.4	97.5	97.5
>= 700	48.8	87.0	91.6	94.8	96.3	96.7	97.5	97.6	97.7	97.8
>= 600	48.9	87.2	91.8	95.2	96.7	97.1	98.0	98.1	98.2	98.3
>= 500	49.0	87.6	92.3	95.7	97.3	97.8	98.7	98.8	98.9	99.0
>= 400	49.0	87.8	92.5	96.0	97.6	98.1	99.0	99.2	99.3	99.4
>= 300	49.0	87.8	92.5	96.0	97.7	98.2	99.2	99.4	99.5	99.6
>= 200	49.0	87.8	92.6	96.1	98.0	98.5	99.5	99.7	99.8	99.8
>= 100	49.0	87.8	92.6	96.1	98.0	98.5	99.5	99.7	99.8	99.8
>= 0	49.0	87.8	92.6	96.1	98.0	98.5	99.5	99.7	99.8	99.8

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : SEP
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	30.4	49.9	52.8	54.9	56.1	56.5	57.2	57.3	57.3	57.6
>=20000	33.6	54.8	58.1	60.4	61.7	62.0	62.7	62.9	62.9	63.1
>=18000	33.7	55.0	58.3	60.7	61.9	62.3	63.0	63.1	63.2	63.4
>=16000	33.9	55.2	58.6	60.9	62.2	62.5	63.3	63.4	63.4	63.7
>=14000	35.1	56.9	60.3	62.7	64.1	64.4	65.2	65.4	65.4	65.6
>=12000	36.4	59.0	62.6	65.1	66.5	66.9	67.6	67.8	67.8	68.1
>=10000	37.5	61.3	65.1	67.7	69.1	69.6	70.4	70.6	70.6	70.9
>= 9000	38.0	62.1	66.1	68.7	70.2	70.6	71.4	71.6	71.6	71.9
>= 8000	38.6	63.4	67.4	70.1	71.6	72.1	72.9	73.1	73.1	73.4
>= 7000	39.1	64.3	68.5	71.2	72.8	73.2	74.1	74.3	74.3	74.6
>= 6000	39.7	65.2	69.4	72.2	73.9	74.3	75.2	75.4	75.4	75.7
>= 5000	40.2	66.2	70.5	73.4	75.1	75.5	76.4	76.6	76.6	76.9
>= 4500	40.6	66.8	71.2	74.0	75.7	76.2	77.1	77.3	77.3	77.6
>= 4000	41.2	67.8	72.2	75.1	76.8	77.3	78.2	78.5	78.5	78.7
>= 3500	42.0	69.1	73.5	76.6	78.3	78.7	79.7	79.9	79.9	80.2
>= 3000	43.4	71.3	75.9	79.0	80.8	81.3	82.3	82.5	82.5	82.8
>= 2500	44.8	73.7	78.5	81.7	83.6	84.1	85.1	85.4	85.4	85.7
>= 2000	46.1	75.7	80.7	84.1	86.0	86.5	87.6	87.9	87.9	88.2
>= 1800	46.4	76.4	81.4	84.9	86.8	87.3	88.5	88.8	88.8	89.1
>= 1500	47.2	77.7	82.9	86.4	88.4	89.0	90.3	90.5	90.5	90.8
>= 1200	47.6	78.7	84.0	87.6	89.7	90.3	91.6	91.9	91.9	92.2
>= 1000	47.8	79.6	85.1	88.7	90.8	91.5	92.8	93.1	93.1	93.5
>= 900	47.9	80.1	85.7	89.5	91.6	92.2	93.6	93.9	93.9	94.3
>= 800	48.0	80.5	86.2	90.0	92.2	92.8	94.2	94.6	94.6	95.0
>= 700	48.1	80.8	86.6	90.4	92.7	93.3	94.8	95.2	95.2	95.5
>= 600	48.1	81.1	87.0	90.9	93.3	94.0	95.5	95.9	95.9	96.3
>= 500	48.2	81.4	87.3	91.4	93.8	94.5	96.2	96.6	96.6	97.1
>= 400	48.2	81.6	87.6	91.8	94.3	95.1	96.8	97.3	97.3	97.8
>= 300	48.2	81.7	87.8	92.0	94.6	95.4	97.3	97.8	97.8	98.3
>= 200	48.2	81.7	87.8	92.0	94.7	95.5	97.4	98.0	98.0	98.6
>= 100	48.2	81.7	87.8	92.0	94.7	95.5	97.5	98.0	98.0	98.7
>= 0	48.2	81.7	87.8	92.0	94.7	95.5	97.5	98.0	98.0	98.7

TOTAL NO. OF OBS : 10077

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 32W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	3.1	7.5	4.2	1.4	.2	.1	.0	.0	.0	.0	.0	16.4	6.2				
NNE	1.4	7.5	6.8	2.3	.1	.0	.0	.0	.0	.0	.0	18.1	7.2				
NE	1.2	4.4	7.6	.9	.1	.0	.0	.0	.0	.0	.0	10.2	6.6				
ENE	.4	1.6	.9	.1	.0	.0	.0	.0	.0	.0	.0	3.0	6.0				
E	.5	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.4				
ESE	.6	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.2	4.4				
SE	.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.8				
SSE	.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.8				
S	.9	1.9	1.0	.5	.0	.0	.0	.0	.0	.0	.0	4.3	5.9				
SSW	.6	1.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	2.8	6.0				
SW	.9	1.4	1.6	.2	.0	.0	.0	.0	.0	.0	.0	4.1	5.9				
WSW	.6	1.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.0				
W	1.5	1.2	1.3	.2	.0	.1	.0	.0	.0	.0	.0	4.4	5.7				
WNW	.7	1.2	1.4	.2	.1	.0	.0	.0	.0	.0	.0	3.5	7.0				
NW	.8	1.4	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.8				
NNW	1.4	3.8	1.6	.2	.1	.0	.0	.0	.0	.0	.0	7.1	5.4				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	.0				
ALL	15.4	37.0	26.1	6.6	.5	.2	.0	.0	.0	.0	.0	100.0	5.4				

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0400 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	2.6	8.8	5.2	2.1	2	2	2	2	2	2	2	2	2	2	2	18.9	6.5
NNE	2.1	7.7	7.3	3.1	2	2	2	2	2	2	2	2	2	2	2	20.4	7.3
NE	.9	2.7	7.5	.7	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	8.0	7.3
ENE	.3	1.0	.8	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	2.3	6.3
E	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.3
ESE	.2	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.7
SE	.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.7
SSE	.2	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.7
S	.4	.9	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.7
SSW	.4	.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.4
SW	.6	1.2	1.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.5
WSW	.4	2.3	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.3
W	.4	2.7	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.3
WNW	.8	1.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.8
NW	1.5	1.7	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5
NVW	1.5	6.9	1.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	5.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	.0
ALL	12.9	39.4	27.0	8.8	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.8

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0700 LST

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

16 PT. DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	3.5	8.7	5.8	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	20.3	6.5
NNE	1.7	6.5	9.3	4.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	22.1	8.0
NE	1.0	3.8	3.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	6.8
ENE	.5	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.8
E	.2	.5	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.7
ESE	.5	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.3
SE	.3	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.8
SSE	.2	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.4
S	.8	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.3
SSW	.3	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
SW	.1	1.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.4
WSW	.7	2.0	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.6
W	.8	2.6	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.2
WNW	1.3	1.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.9
NW	1.2	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.5
NNW	1.2	5.1	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	.0
ALL	14.1	37.7	29.1	9.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1000 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.5	.3	.1	.5	.3	.1	7.1	3.8	.5	.1	.0	.0	.0	.0	.0	15.2	9.1
NNE	.8	1.5	.8	1.5	.4	.0	8.1	8.0	.4	.0	.0	.0	.0	.0	.0	18.9	10.2
NE	.4	2.6	.4	2.6	.1	.0	9.8	4.1	.1	.0	.0	.0	.0	.0	.0	17.1	9.2
ENE	.3	1.9	.3	1.9	.6	.0	4.0	.6	.0	.0	.0	.0	.0	.0	.0	7.1	7.9
E	.4	.7	.4	.7	.7	.0	1.6	.7	.1	.0	.0	.0	.0	.0	.0	3.5	8.3
ESE	.5	.5	.5	.5	.5	.0	.9	.5	.0	.0	.0	.0	.0	.0	.0	2.4	7.2
SE	.1	.3	.1	.3	.5	.0	.6	.5	.0	.0	.0	.0	.0	.0	.0	1.5	8.5
SSE	.2	.5	.2	.5	.5	.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.1
S	.4	.5	.4	.5	.5	.0	.5	.5	.0	.0	.0	.0	.0	.0	.0	1.9	7.4
SSW	.2	.4	.2	.4	.2	.0	.7	.5	.2	.0	.0	.0	.0	.0	.0	1.8	9.1
SW	.0	.9	.0	.9	.0	.0	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.2
WSW	.2	1.7	.2	1.7	.1	.0	2.5	1.5	.1	.0	.0	.0	.0	.0	.0	6.0	8.9
W	.5	1.5	.5	1.5	.2	.0	2.7	1.2	.2	.0	.0	.0	.0	.0	.0	6.1	8.0
WNW	.3	1.6	.3	1.6	.4	.0	1.6	.4	.0	.0	.0	.0	.0	.0	.0	3.9	7.1
NW	.2	1.4	.2	1.4	.6	.0	1.2	.6	.2	.0	.0	.0	.0	.0	.0	3.6	8.1
NNW	.2	1.2	.2	1.2	.2	.0	2.1	2.2	.2	.0	.0	.0	.0	.0	.0	5.8	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.0
ALL	5.1	20.4	5.1	20.4	1.9	.2	45.3	26.3	1.9	.2	.1	.0	.0	.0	.0	100.0	8.9

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 D2W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1300 LST

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

16 PT.	1	- 3	4	- 6	7-10	11-16	SPEED (KNOTS)							TOTAL	MEAN	
							17-21	22-27	28-33	34-40	41-47	48-55	>=56			%
DIR.																
N	.5			2.2	6.3	4.1	.2	.1	.0	.0	.0	.0	.0	13.5	9.5	
NNE	.5		2.2	2.2	6.4	4.1	.2	.0	.0	.0	.0	.0	.0	13.3	9.3	
NE	.3		1.9		5.1	2.8	.2	.0	.0	.0	.0	.0	.0	10.3	9.0	
ENE	.4		1.5		3.9	2.1	.0	.0	.0	.0	.0	.0	.0	7.9	8.9	
E	.3		1.3		2.6	1.7	.2	.0	.0	.0	.0	.0	.0	6.3	9.1	
ESE	.2		.6		2.2	1.0	.0	.0	.0	.0	.0	.0	.0	4.1	8.6	
SE	.3		.8		1.8	.9	.0	.0	.0	.0	.0	.0	.0	3.8	8.3	
SSE	.2		.9		1.3	.6	.0	.0	.0	.0	.0	.0	.0	3.1	7.9	
S	.5		1.0		1.3	1.0	.2	.0	.0	.0	.0	.0	.0	4.0	8.1	
SSW	.2		.8		1.2	1.4	.0	.0	.0	.0	.0	.0	.0	3.6	9.3	
SW	.3		.8		1.5	1.3	.1	.2	.0	.0	.0	.0	.0	4.1	9.6	
WSW	.2		1.0		2.0	1.8	.2	.0	.0	.0	.0	.0	.0	5.1	10.0	
W	.1		.6		2.3	1.7	.3	.0	.0	.0	.0	.0	.0	5.0	10.0	
WNW	.3		.8		1.6	1.2	.2	.0	.0	.0	.0	.0	.0	4.3	8.9	
NW	.4		.9		1.6	1.1	.0	.0	.0	.0	.0	.0	.0	4.1	8.6	
NNW	.3		.8		3.1	1.6	.5	.1	.0	.0	.0	.0	.0	6.5	10.0	
VAR	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.0	
LL	5.0		18.6		44.5	28.6	2.2	.3	.0	.0	.0	.0	.0	100.0	9.1	

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1600 LST

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

DIR.	SPEED (KNOTS)											TOTAL	MEAN	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-54	>56		%	WIND SPEED
N	.3	2.6	6.6	2.8	.1	.0	.0	.0	.0	.0	.0	12.4	8.7	
NNE	.5	2.3	5.6	1.8	.1	.0	.0	.0	.0	.0	.0	10.3	8.5	
NE	.5	1.9	3.2	1.5	.1	.0	.0	.0	.0	.0	.0	7.8	8.3	
NNE	.2	.8	2.9	1.9	.0	.0	.0	.0	.0	.0	.0	5.8	9.4	
E	.5	1.3	4.2	2.9	.1	.0	.0	.0	.0	.0	.0	9.0	9.2	
ESE	.2	1.2	4.8	1.6	.0	.0	.0	.0	.0	.0	.0	7.9	8.7	
SE	.2	.7	4.0	.8	.0	.0	.0	.0	.0	.0	.0	5.7	8.4	
SSE	.3	1.0	2.6	1.1	.0	.0	.0	.0	.0	.0	.0	5.2	8.4	
S	.2	1.2	3.8	1.7	.0	.0	.0	.0	.0	.0	.0	6.8	8.8	
SSW	.2	.5	1.7	.9	.0	.0	.0	.0	.0	.0	.0	3.4	8.7	
SW	.3	.5	1.5	.6	.0	.0	.0	.0	.0	.0	.0	2.9	8.1	
WSW	.0	.5	1.9	.6	.1	.1	.0	.0	.0	.0	.0	3.1	9.5	
W	.2	.8	2.5	1.9	.2	.0	.0	.0	.0	.0	.0	5.6	9.9	
WNW	.2	.9	1.2	1.1	.1	.0	.0	.0	.0	.0	.0	3.5	8.6	
NW	.1	1.1	1.7	.5	.2	.0	.0	.0	.0	.0	.0	3.5	8.5	
NNW	.2	.9	2.3	1.8	.1	.0	.0	.0	.0	.0	.0	6.2	9.3	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
ALL	3.9	18.4	52.5	23.9	.9	.1	.0	.0	.0	.0	.0	100.0	8.7	

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013940 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HCLP : 1960 LST

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

DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL		MEAN
																%		WIND SPEED
N	.8			3.8	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	8.5		7.1
NNE	.9		3.6	4.0	1.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.8		7.4
NE	1.1		4.6	7.6	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.2		6.3
NNE	.8		4.3	7.2	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6		6.2
E	1.0		4.8	2.8	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0		5.9
ESE	1.5		3.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6		5.3
SE	.6		3.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3		5.2
SSE	.9		2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4		4.8
S	1.7		4.9	2.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3		5.7
SSW	.5		1.9	2.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7		6.6
SW	1.0		1.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7		5.4
WSW	.3		1.1	.5	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0		6.0
W	.5		.8	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7		7.2
WNW	.1		.5	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4		7.5
NW	.5		.8	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5		5.9
NNW	.5		2.5	1.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8		6.8
VAR	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0
CLM	.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6		.0
ALL	12.5		45.0	28.7	5.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0		5.7

TOTAL NO. OF OBS : 1301

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : RC 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 2200 LST

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

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL %	MEAN WIND SPEED
N	1.2	5.4	3.8	1.8	.2	.0	.0	.0	.0	.0	.0	12.4	7.0
NNE	2.3	6.0	5.5	1.8	.2	.0	.0	.0	.0	.0	.0	15.7	6.9
NE	1.1	5.5	4.3	.5	.0	.0	.0	.0	.0	.0	.0	11.4	6.4
ENE	.6	2.5	1.3	.2	.0	.0	.0	.0	.0	.0	.0	4.6	5.9
E	.5	1.6	.8	.1	.0	.0	.0	.0	.0	.0	.0	3.3	5.2
ESE	.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
SE	.7	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.3	5.0
SSE	.7	.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
S	1.5	4.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	6.4	4.7
SSW	.9	2.2	1.6	.3	.1	.0	.0	.0	.0	.0	.0	5.1	6.3
SW	.7	1.8	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.7	5.6
WSW	.4	1.2	1.2	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.6
W	.5	1.3	1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.4	6.2
WNW	.8	.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.1
NW	.4	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.4	6.1
NNW	.7	2.0	.9	.2	.1	.0	.0	.0	.0	.0	.0	3.9	6.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.1	.0
ALL	13.8	37.9	25.7	6.1	.5	.0	.0	.0	.0	.0	.0	100.0	5.2

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	1.6	5.3	5.2	2.4	.2	.0*	.0	.0	.0	.0	.0	.0	14.7	7.5			
NNE	1.3	4.7	6.6	3.4	.2	.0*	.0	.0	.0	.0	.0	.0	16.1	8.1			
NE	.8	3.5	4.7	1.5	.0*	.0*	.0	.0	.0	.0	.0	.0	10.6	7.6			
ENE	.4	1.8	2.2	.7	.0*	.0*	.0	.0	.0	.0	.0	.0	5.2	7.4			
E	.5	1.4	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.3	7.5			
ESE	.5	1.0	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.0			
SE	.4	1.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.8			
SSE	.4	.9	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.6			
S	.8	1.9	1.3	.6	.0*	.0	.0	.0	.0	.0	.0	.0	4.6	6.5			
SSW	.4	1.1	1.1	.5	.0*	.0	.0	.0	.0	.0	.0	.0	3.1	7.3			
SW	.5	1.1	1.4	.5	.0*	.0*	.0	.0	.0	.0	.0	.0	3.5	7.2			
WSW	.3	1.4	1.5	.6	.0*	.0*	.0*	.0	.0	.0	.0	.0	3.9	7.7			
W	.6	1.5	1.7	.8	.1	.0*	.0	.0	.0	.0	.0	.0	4.7	7.6			
WNW	.6	1.1	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	3.3	7.0			
NW	.6	1.3	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	3.6	6.8			
NNW	.7	2.9	2.0	1.0	.1	.0*	.0	.0	.0	.0	.0	.0	6.7	7.1			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	.0			
ALL	10.4	31.8	34.9	14.5	.9	.1	.0*	.0	.0	.0	.0	.0	100.0	6.9			

TOTAL NO. OF OBS : 10413

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

513980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=1/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	38.3	59.3	62.4	65.5	66.6	66.9	67.8	67.9	68.6	68.7	68.7	68.7	68.9	68.9	69.4	69.6
>=20000	39.7	61.7	65.0	68.0	69.2	69.4	70.4	70.6	71.2	71.3	71.3	71.3	71.6	71.6	72.0	72.3
>=18000	39.8	61.8	65.0	68.1	69.3	69.5	70.5	70.6	71.3	71.4	71.4	71.4	71.6	71.6	72.1	72.3
>=16000	39.8	61.8	65.0	68.1	69.3	69.5	70.5	70.6	71.3	71.4	71.4	71.4	71.6	71.6	72.1	72.3
>=14000	40.4	62.9	66.1	69.3	70.5	70.7	71.7	71.9	72.5	72.6	72.6	72.6	72.9	72.9	73.3	73.6
>=12000	41.4	64.4	67.7	70.9	72.1	72.3	73.3	73.5	74.1	74.3	74.3	74.3	74.5	74.5	74.9	75.2
>=10000	42.1	65.4	68.9	72.1	73.3	73.6	74.6	74.7	75.3	75.5	75.5	75.5	75.7	75.7	76.2	76.4
>= 9000	42.4	66.3	69.8	72.9	74.2	74.4	75.4	75.6	76.2	76.3	76.3	76.3	76.6	76.6	77.0	77.2
>= 8000	43.0	67.4	71.1	74.3	75.5	75.7	76.7	76.9	77.5	77.6	77.6	77.6	77.9	77.9	78.3	78.6
>= 7000	43.9	69.0	72.8	75.9	77.2	77.4	78.4	78.6	79.2	79.3	79.3	79.3	79.6	79.6	80.0	80.2
>= 6000	44.5	70.6	74.5	77.6	78.9	79.1	80.1	80.2	80.9	81.0	81.0	81.0	81.2	81.2	81.7	81.9
>= 5000	45.1	71.7	75.6	78.7	80.0	80.2	81.2	81.4	82.0	82.2	82.2	82.2	82.4	82.4	82.9	83.1
>= 4500	45.4	72.3	76.2	79.3	80.6	80.9	81.9	82.0	82.6	82.8	82.8	82.8	83.0	83.0	83.5	83.7
>= 4000	45.8	72.9	76.9	80.0	81.3	81.6	82.6	82.7	83.3	83.5	83.5	83.5	83.7	83.7	84.2	84.4
>= 3500	46.3	73.9	77.8	80.9	82.3	82.6	83.6	83.8	84.4	84.6	84.6	84.6	84.8	84.8	85.2	85.5
>= 3000	46.6	74.8	78.8	82.0	83.4	83.6	84.7	84.9	85.5	85.6	85.6	85.6	85.9	85.9	86.3	86.5
>= 2500	46.9	75.6	79.6	83.0	84.5	84.7	85.8	85.9	86.5	86.7	86.7	86.7	86.9	86.9	87.4	87.6
>= 2000	47.7	77.0	81.2	84.6	86.1	86.3	87.4	87.5	88.2	88.4	88.4	88.4	88.6	88.6	89.1	89.3
>= 1800	48.1	77.7	81.9	85.3	86.8	87.0	88.2	88.3	89.0	89.2	89.2	89.2	89.4	89.4	89.9	90.1
>= 1500	48.5	78.7	82.9	86.3	87.8	88.0	89.2	89.3	90.0	90.2	90.2	90.2	90.5	90.5	90.9	91.2
>= 1200	49.0	79.7	84.0	87.5	89.0	89.2	90.4	90.5	91.2	91.5	91.5	91.5	91.7	91.7	92.2	92.4
>= 1000	49.0	80.2	84.6	88.2	89.8	90.0	91.2	91.4	92.1	92.3	92.3	92.3	92.5	92.5	93.0	93.2
>= 900	49.0	80.5	84.9	88.5	90.3	90.5	91.8	91.9	92.6	92.9	92.9	92.9	93.1	93.1	93.5	93.8
>= 800	49.1	80.9	85.5	89.1	90.9	91.2	92.5	92.7	93.4	93.6	93.6	93.6	93.9	93.9	94.3	94.5
>= 700	49.2	81.2	86.0	89.7	91.7	91.9	93.4	93.5	94.2	94.5	94.5	94.5	94.7	94.7	95.2	95.4
>= 600	49.2	81.4	86.3	90.1	92.1	92.3	93.9	94.0	94.7	94.9	94.9	94.9	95.2	95.2	95.6	95.8
>= 500	49.2	81.6	86.5	90.4	92.4	92.6	94.4	94.5	95.3	95.5	95.5	95.5	95.8	95.8	96.2	96.5
>= 400	49.2	81.7	86.7	90.9	92.9	93.1	95.7	95.2	96.0	96.2	96.2	96.2	96.5	96.5	96.9	97.2
>= 300	49.2	81.8	86.8	91.1	93.2	93.5	95.7	95.0	96.8	97.1	97.1	97.1	97.3	97.3	97.8	98.1
>= 200	49.2	81.8	86.8	91.1	93.4	93.6	95.9	96.5	97.2	97.6	97.6	97.6	98.0	98.0	98.8	99.2
>= 100	49.2	81.8	86.8	91.1	93.4	93.6	95.9	96.5	97.2	97.6	97.6	97.6	98.2	98.2	99.0	99.4
>= 0	49.2	91.8	86.8	91.1	93.4	93.6	95.9	96.5	97.2	97.6	97.6	97.6	98.2	98.2	99.3	100.0

TOTAL NO. OF OBS : 1301

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : OCT
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	VISIBILITY (STATUTE MILES)										>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
					>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4									
UNLIMIT	32.9	52.7	57.5	60.3	62.6	62.7	63.4	63.5	63.5	63.5	64.4	64.4	64.7	64.7	64.7	64.7	64.7	65.4	65.6	66.4	67.1
>=20000	34.3	54.4	59.3	62.2	64.5	64.7	65.4	65.5	65.5	65.5	66.4	66.4	66.7	66.7	66.7	66.7	66.7	67.4	67.6	68.4	69.1
>=18000	34.3	54.4	59.3	62.2	64.5	64.7	65.4	65.5	65.5	65.5	66.4	66.4	66.7	66.7	66.7	66.7	66.7	67.4	67.6	68.4	69.1
>=16000	34.3	54.5	59.4	62.4	64.7	64.8	65.5	65.7	65.7	65.7	66.5	66.5	66.8	66.8	66.8	66.8	66.8	67.6	67.7	68.6	69.3
>=14000	34.9	55.5	60.5	63.4	65.7	65.9	66.7	66.8	66.8	66.8	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.7	68.9	69.8	70.5
>=12000	35.2	56.0	61.2	64.1	66.5	66.7	67.5	67.7	67.7	67.7	68.5	68.5	68.8	68.8	68.8	68.8	68.8	69.6	69.7	70.7	71.4
>=10000	35.8	57.3	62.6	65.6	68.0	68.1	69.0	69.1	69.1	69.1	70.0	70.0	70.3	70.3	70.3	70.3	70.3	71.0	71.2	72.1	72.8
>=9000	36.0	58.0	63.3	66.4	68.8	69.0	69.8	70.0	70.0	70.0	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.9	72.0	73.0	73.7
>=8000	36.6	59.2	64.6	67.7	70.2	70.4	71.2	71.4	71.4	71.4	72.2	72.2	72.5	72.5	72.5	72.5	72.5	73.3	73.4	74.3	75.0
>=7000	37.3	60.4	65.9	69.1	71.6	71.7	72.7	72.8	72.8	72.8	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.9	75.0	75.8	76.5
>=6000	37.6	61.3	66.7	70.0	72.7	72.8	73.7	73.9	73.9	73.9	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.8	76.0	76.9	77.6
>=5000	38.3	62.2	67.7	71.0	73.7	73.8	74.7	74.9	74.9	74.9	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.8	77.0	77.9	78.6
>=4500	38.6	62.9	68.4	71.7	74.3	74.6	75.5	75.7	75.7	75.7	76.5	76.5	76.8	76.8	76.8	76.8	76.8	77.6	77.7	78.6	79.3
>=4000	38.9	63.4	69.0	72.4	75.0	75.3	76.3	76.4	76.4	76.4	77.3	77.3	77.6	77.6	77.6	77.6	77.6	78.3	78.5	79.4	80.1
>=3500	39.2	64.2	70.0	73.3	76.0	76.2	77.2	77.3	77.3	77.3	78.2	78.2	78.5	78.5	78.5	78.5	78.5	79.3	79.4	80.3	81.0
>=3000	39.7	65.5	71.4	74.7	77.3	77.6	78.6	78.8	78.8	78.8	79.6	79.6	80.0	80.0	80.0	80.0	80.0	80.7	80.9	81.8	82.5
>=2500	40.2	66.6	72.4	76.0	78.6	78.8	79.9	80.0	80.0	80.0	80.9	80.9	81.2	81.2	81.2	81.2	81.2	82.0	82.1	83.0	83.7
>=2000	40.6	67.4	73.3	76.9	79.6	79.8	80.9	81.0	81.0	81.0	81.9	81.9	82.2	82.2	82.2	82.2	82.2	83.0	83.1	84.1	84.8
>=1800	40.9	67.8	73.8	77.3	80.0	80.3	81.4	81.6	81.6	81.6	82.4	82.4	82.7	82.7	82.7	82.7	82.7	83.5	83.6	84.6	85.3
>=1500	41.4	68.8	75.0	78.5	81.2	81.5	82.6	82.9	82.9	82.9	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.8	84.9	85.9	86.6
>=1200	41.7	69.7	75.9	79.5	82.2	82.6	83.7	83.9	83.9	83.9	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.9	86.0	87.0	87.7
>=1000	42.2	70.8	77.3	81.0	83.8	84.2	85.3	85.6	85.6	85.6	86.4	86.4	86.7	86.7	86.7	86.7	86.7	87.5	87.6	88.6	89.4
>=900	42.3	71.0	77.7	81.5	84.3	84.6	85.9	86.1	86.1	86.1	86.9	86.9	87.3	87.3	87.3	87.3	87.3	88.0	88.2	89.2	89.9
>=800	42.4	71.7	78.6	82.4	85.3	85.8	87.2	87.4	87.4	87.4	88.2	88.2	88.6	88.6	88.6	88.6	88.6	89.3	89.5	90.5	91.2
>=700	42.7	72.4	79.3	83.2	86.3	86.8	88.2	88.4	88.4	88.4	89.2	89.2	89.6	89.6	89.6	89.6	89.6	90.3	90.5	91.5	92.2
>=600	42.8	72.7	79.6	83.5	86.6	87.2	88.6	88.8	88.8	88.8	89.6	89.6	89.9	89.9	89.9	89.9	89.9	90.7	90.9	91.9	92.6
>=500	42.9	73.0	80.3	84.4	87.8	88.4	90.0	90.2	90.2	90.2	91.1	91.1	91.4	91.4	91.4	91.4	91.4	92.2	92.3	93.3	94.1
>=400	42.9	73.1	80.5	84.9	88.5	89.1	91.1	91.3	91.3	91.3	92.2	92.2	92.5	92.5	92.5	92.5	92.5	93.2	93.4	94.5	95.2
>=300	42.9	73.1	80.6	85.1	88.8	89.5	91.6	92.2	92.2	92.2	93.1	93.1	93.5	93.5	93.5	93.5	93.5	94.2	94.4	95.5	96.3
>=200	42.9	73.2	80.6	85.4	89.3	90.0	92.3	93.0	93.1	93.1	94.0	94.0	94.5	94.5	94.5	94.5	94.5	95.5	95.6	96.9	97.9
>=100	42.9	73.2	80.6	85.5	89.4	90.1	92.6	93.3	93.4	93.4	94.5	94.5	95.0	95.0	95.0	95.0	95.0	96.1	96.3	98.2	99.3
>=0	42.9	73.2	80.6	85.5	89.4	90.1	92.6	93.3	93.4	93.4	94.5	94.5	95.0	95.0	95.0	95.0	95.0	96.1	96.3	98.4	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.5	45.2	49.2	50.8	53.2	53.9	55.9	56.5	56.5	57.1	57.4	57.5	58.1	58.3	58.8	59.8	
>=20000	29.1	48.2	52.5	54.4	57.0	57.8	59.8	60.4	60.4	61.1	61.3	61.4	62.0	62.2	62.8	63.8	
>=18000	29.2	48.3	52.6	54.5	57.1	58.0	60.0	60.5	60.5	61.2	61.4	61.6	62.1	62.4	63.0	64.0	
>=16000	29.3	48.7	53.0	54.9	57.6	58.4	60.4	61.0	61.0	61.8	62.0	62.1	62.7	62.9	63.5	64.5	
>=14000	29.6	49.4	53.8	55.8	58.5	59.4	61.4	62.0	62.0	62.7	63.1	63.2	63.7	64.0	64.6	65.6	
>=12000	30.1	50.8	55.3	57.5	60.1	61.0	63.1	63.7	63.7	64.5	64.8	65.0	65.5	65.7	66.4	67.4	
>=10000	30.6	52.4	57.0	59.2	61.9	62.7	64.6	65.4	65.4	66.4	66.7	66.8	67.4	67.6	68.3	69.3	
>=9000	31.1	53.0	57.8	60.1	62.7	63.7	65.9	66.4	66.4	67.4	67.7	67.8	68.4	68.6	69.3	70.3	
>=8000	31.4	53.8	58.8	61.4	64.1	65.0	67.2	67.8	67.8	68.7	69.0	69.2	69.8	70.0	70.7	71.8	
>=7000	32.1	54.9	60.1	62.7	65.4	66.4	68.6	69.2	69.2	70.2	70.5	70.7	71.3	71.5	72.3	73.3	
>=6000	32.4	55.7	60.9	63.6	66.4	67.3	69.5	70.1	70.1	71.3	71.6	71.7	72.4	72.6	73.3	74.4	
>=5000	32.8	56.9	62.1	65.0	67.7	68.7	70.9	71.5	71.5	72.7	73.0	73.1	73.8	74.1	74.9	76.0	
>=4500	33.3	57.6	62.9	65.7	68.5	69.4	71.7	72.3	72.3	73.4	73.7	73.9	74.6	74.9	75.7	76.8	
>=4000	33.6	58.2	63.7	66.5	69.3	70.3	72.5	73.1	73.1	74.3	74.6	74.7	75.5	75.9	76.7	77.9	
>=3500	33.9	58.7	64.1	67.1	69.9	71.0	73.2	73.8	73.8	75.0	75.3	75.4	76.2	76.6	77.3	78.6	
>=3000	34.3	59.8	65.4	68.4	71.4	72.4	74.7	75.3	75.3	76.4	76.7	76.9	77.6	78.0	78.9	80.1	
>=2500	34.4	60.2	66.0	69.1	72.2	73.3	75.6	76.2	76.2	77.3	77.6	77.8	78.6	79.0	79.8	81.0	
>=2000	34.7	60.8	66.6	69.7	72.8	73.9	76.2	76.8	76.8	78.0	78.3	78.5	79.3	79.6	80.5	81.7	
>=1800	34.9	61.2	67.0	70.1	73.3	74.3	76.7	77.3	77.3	78.5	78.8	79.0	79.7	80.1	81.0	82.2	
>=1500	35.3	61.8	67.6	70.8	74.0	75.1	77.4	78.0	78.0	79.3	79.6	79.7	80.5	80.9	81.7	82.9	
>=1200	36.2	62.8	68.7	71.9	75.0	76.2	78.5	79.1	79.1	80.3	80.6	80.8	81.6	82.0	82.8	84.0	
>=1000	36.6	63.9	70.0	73.4	76.7	77.8	80.1	80.8	80.8	82.0	82.3	82.5	83.3	83.6	84.5	85.7	
>=900	36.9	64.6	71.0	74.3	77.7	79.0	81.4	82.1	82.1	83.4	83.7	83.9	84.6	85.0	85.9	87.1	
>=800	37.6	65.9	72.5	76.0	79.6	80.8	83.3	84.1	84.1	85.4	85.7	85.9	86.6	87.0	87.9	89.1	
>=700	37.9	66.7	73.3	76.9	80.7	82.0	84.5	85.3	85.3	86.6	86.9	87.1	87.9	88.2	89.1	90.3	
>=600	38.1	67.4	74.2	77.9	81.7	82.9	85.6	86.3	86.3	87.7	88.0	88.2	88.9	89.3	90.2	91.4	
>=500	38.4	68.2	75.1	79.1	83.3	84.6	87.3	88.2	88.2	89.7	90.0	90.2	90.9	91.3	92.2	93.4	
>=400	38.4	68.4	75.4	79.6	83.9	85.3	88.2	89.3	89.3	90.8	91.1	91.2	92.0	92.4	93.2	94.5	
>=300	38.4	68.6	75.7	79.9	84.3	85.8	89.0	90.6	90.6	92.2	92.5	92.7	93.5	93.9	94.8	96.2	
>=200	38.4	68.6	75.7	79.9	84.4	85.9	89.6	91.2	91.2	93.2	93.9	94.1	95.2	95.7	96.6	98.2	
>=100	38.4	68.6	75.7	79.9	84.4	85.9	89.6	91.2	91.2	93.2	93.9	94.2	95.4	95.9	97.3	99.3	
>=0	38.4	68.6	75.7	79.9	84.4	85.9	89.6	91.2	91.2	93.2	93.9	94.2	95.4	95.9	97.3	100.0	

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1/4
UNLIMIT	43.2	56.6	58.1	59.1	60.1	60.1	60.2	60.3	60.3	60.3
>=20000	45.2	59.8	61.4	62.4	63.5	63.5	63.6	63.7	63.7	63.7
>=18000	45.6	60.2	61.8	62.9	64.0	64.0	64.1	64.1	64.1	64.1
>=16000	45.6	60.5	62.1	63.2	64.3	64.3	64.4	64.4	64.4	64.4
>=14000	46.4	61.7	63.3	64.4	65.6	65.6	65.7	65.7	65.7	65.7
>=12000	47.3	63.1	64.8	66.0	67.2	67.2	67.3	67.4	67.4	67.4
>=10000	47.9	64.4	66.2	67.4	68.7	68.7	68.9	68.9	68.9	68.9
>=9000	48.2	64.8	66.7	67.8	69.1	69.1	69.3	69.4	69.4	69.4
>=8000	49.3	66.4	68.2	69.5	70.8	70.8	71.0	71.1	71.1	71.1
>=7000	50.0	67.6	69.4	70.7	72.3	72.3	72.5	72.6	72.6	72.6
>=6000	50.8	68.6	70.4	71.7	73.3	73.3	73.5	73.6	73.6	73.6
>=5000	51.6	69.7	71.6	73.0	74.6	74.6	74.8	74.9	75.0	75.0
>=4500	51.8	70.1	72.0	73.3	75.0	75.0	75.2	75.3	75.3	75.3
>=4000	52.5	70.9	72.7	74.1	75.7	75.7	76.0	76.0	76.1	76.1
>=3500	52.8	71.4	73.2	74.6	76.2	76.2	76.4	76.5	76.6	76.6
>=3000	53.7	72.7	74.6	76.0	77.7	77.7	78.0	78.1	78.2	78.2
>=2500	54.0	73.3	75.4	76.8	78.7	78.8	79.1	79.1	79.2	79.2
>=2000	55.8	76.0	78.1	79.6	81.6	81.6	81.9	82.0	82.0	82.0
>=1800	56.2	76.6	78.7	80.2	82.2	82.2	82.6	82.6	82.7	82.7
>=1500	57.3	78.6	81.0	82.4	84.6	84.6	85.0	85.1	85.2	85.2
>=1200	59.1	81.7	84.2	85.6	87.9	87.9	88.4	88.5	88.6	88.6
>=1000	59.8	83.0	85.7	87.3	89.7	89.7	90.0	90.7	90.8	90.8
>=900	60.1	84.3	87.1	88.7	91.3	91.3	91.6	92.4	92.5	92.5
>=800	60.4	85.1	88.2	90.0	92.8	93.1	93.9	93.9	94.0	94.0
>=700	60.4	85.7	88.9	90.9	93.7	94.1	95.0	95.1	95.2	95.2
>=600	60.5	86.2	89.4	91.5	94.4	94.9	96.1	96.2	96.2	96.2
>=500	60.5	86.4	90.0	92.1	95.2	95.8	97.2	97.5	97.6	97.6
>=400	60.5	86.6	90.2	92.3	95.5	96.2	98.1	98.6	98.8	98.8
>=300	60.5	86.6	90.2	92.5	95.7	96.5	98.6	99.2	99.3	99.3
>=200	60.5	86.6	90.2	92.5	95.7	96.5	98.6	99.2	99.3	99.3
>=100	60.5	86.6	90.2	92.5	95.7	96.5	98.6	99.2	99.3	99.3
>=0	60.5	86.6	90.2	92.5	95.7	96.5	98.6	99.2	99.3	99.3

TOTAL NO. OF CES : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	45.9	54.5	55.2	55.4	55.6	55.6	55.6	55.8	55.9	55.9
>=20000	48.3	56.4	59.2	59.4	59.6	59.6	59.6	59.8	59.8	59.8
>=18000	48.5	58.7	59.4	59.6	59.8	59.8	60.0	60.0	60.0	60.0
>=16000	48.8	59.0	59.8	59.9	60.1	60.2	60.4	60.4	60.4	60.4
>=14000	49.3	60.3	61.1	61.2	61.4	61.5	61.7	61.7	61.7	61.7
>=12000	50.7	61.5	62.4	62.6	62.8	62.9	63.1	63.1	63.1	63.1
>=10000	51.6	63.3	64.3	64.5	64.8	64.9	65.1	65.1	65.1	65.1
>=9000	52.2	64.1	65.1	65.4	65.7	65.7	66.0	66.0	66.0	66.0
>=8000	52.9	65.4	66.4	66.7	67.1	67.1	67.4	67.4	67.4	67.4
>=7000	53.6	66.6	67.7	68.0	68.4	68.4	68.7	68.7	68.7	68.7
>=6000	54.5	67.7	68.8	69.2	69.5	69.7	69.9	69.9	69.9	69.9
>=5000	55.6	69.0	70.2	70.6	70.9	71.0	71.3	71.3	71.3	71.3
>=4500	56.2	69.7	70.8	71.2	71.5	71.7	72.0	72.0	72.0	72.0
>=4000	57.7	71.7	73.0	73.3	73.7	73.8	74.2	74.2	74.2	74.2
>=3500	59.7	74.0	75.4	75.9	76.2	76.4	76.8	76.8	76.8	76.8
>=3000	62.6	78.0	79.3	79.8	80.1	80.4	80.8	80.8	80.8	80.8
>=2500	65.4	82.3	84.0	84.6	84.9	85.2	85.6	85.6	85.6	85.6
>=2000	67.6	85.3	88.2	88.9	89.3	89.6	90.1	90.1	90.1	90.1
>=1800	68.1	87.3	89.3	89.9	90.4	90.7	91.2	91.2	91.2	91.2
>=1500	68.8	88.9	91.2	91.9	92.3	92.6	93.1	93.1	93.1	93.1
>=1200	69.7	90.8	93.2	93.9	94.6	94.9	95.4	95.4	95.4	95.4
>=1000	70.0	91.6	94.2	95.1	95.8	96.1	96.6	96.7	96.7	96.7
>=900	70.0	91.9	94.5	95.5	96.2	96.5	97.1	97.2	97.2	97.2
>=800	70.0	92.1	94.9	95.9	96.6	97.0	97.6	97.6	97.6	97.6
>=700	70.2	92.4	95.4	96.3	97.2	97.5	98.1	98.2	98.2	98.2
>=600	70.2	92.4	95.5	96.4	97.2	97.7	98.3	98.5	98.6	98.6
>=500	70.2	92.5	95.7	96.8	97.7	98.2	99.0	99.3	99.5	99.5
>=400	70.2	92.5	95.7	97.0	98.0	98.5	99.0	99.8	99.9	99.9
>=300	70.2	92.5	95.7	97.0	98.0	98.5	99.0	99.8	99.9	99.9
>=200	70.2	92.6	95.8	97.1	98.1	98.5	99.0	99.8	100.0	100.0
>=100	70.2	92.6	95.8	97.1	98.1	98.5	99.0	99.8	100.0	100.0
>=0	70.2	92.6	95.8	97.1	98.1	98.5	99.0	99.8	100.0	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4
UNLIMIT	50.6	60.8	61.8	62.6	62.7	62.7	62.7	62.7	62.7	62.7
>=20000	53.9	65.2	66.3	67.1	67.2	67.2	67.2	67.2	67.2	67.2
>=18000	54.1	65.4	66.5	67.3	67.4	67.4	67.4	67.4	67.4	67.4
>=16000	54.4	66.0	67.1	67.8	67.9	68.0	68.0	68.0	68.0	68.0
>=14000	55.7	67.7	68.7	69.6	69.7	69.7	69.7	69.7	69.7	69.7
>=12000	56.8	69.5	70.7	71.5	71.6	71.7	71.7	71.7	71.7	71.7
>=10000	57.9	71.6	72.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0
>= 9000	58.4	72.8	74.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3
>= 8000	59.8	75.0	76.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6
>= 7000	60.4	76.3	77.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0
>= 6000	61.1	77.4	78.9	80.0	80.1	80.3	80.3	80.3	80.3	80.3
>= 5000	61.8	78.6	80.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5
>= 4500	62.6	80.1	81.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9
>= 4000	63.4	81.2	82.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0
>= 3500	64.3	82.6	84.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6
>= 3000	65.7	84.9	86.9	88.1	88.2	88.4	88.4	88.4	88.4	88.4
>= 2500	66.6	86.9	88.9	90.2	90.2	90.5	90.5	90.5	90.5	90.5
>= 2000	67.4	88.5	90.7	91.9	92.0	92.2	92.3	92.3	92.3	92.3
>= 1800	67.7	89.2	91.4	92.7	92.9	93.0	93.2	93.2	93.2	93.2
>= 1500	68.1	90.1	92.5	93.9	94.2	94.4	94.5	94.6	94.6	94.6
>= 1200	68.3	90.8	93.2	94.7	95.0	95.5	95.6	95.6	95.8	95.8
>= 1000	68.5	91.3	93.8	95.5	95.8	96.2	96.5	96.7	96.7	96.7
>= 900	68.7	91.7	94.3	95.9	96.2	96.5	96.7	97.0	97.2	97.2
>= 800	68.7	91.9	94.6	96.3	96.6	97.1	97.3	97.6	97.8	97.8
>= 700	68.7	92.0	94.7	96.5	96.9	97.5	97.8	98.1	98.3	98.3
>= 600	68.7	92.1	94.8	96.5	97.0	97.6	98.0	98.3	98.5	98.5
>= 500	68.7	92.2	94.9	96.7	97.2	97.8	98.5	99.1	99.3	99.3
>= 400	68.7	92.3	95.0	97.0	97.5	98.2	99.5	99.8	99.8	99.8
>= 300	68.7	92.4	95.1	97.1	97.6	98.2	99.1	99.8	100.0	100.0
>= 200	68.7	92.4	95.1	97.1	97.6	98.2	99.1	99.8	100.0	100.0
>= 100	68.7	92.4	95.1	97.1	97.6	98.2	99.1	99.8	100.0	100.0
>= 0	68.7	92.4	95.1	97.1	97.6	98.2	99.1	99.8	100.0	100.0

TOTAL NO. OF OBS : 1302

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1
UNLIMIT	48.0	64.3	66.3	67.3	67.9	67.9	67.9	67.9	67.9	67.9
>=2000	51.1	68.6	70.6	71.6	72.2	72.3	72.3	72.3	72.3	72.3
>=1800	51.3	68.9	70.9	71.9	72.5	72.6	72.6	72.6	72.6	72.6
>=1600	51.5	69.2	71.1	72.1	72.7	72.9	72.9	72.9	72.9	72.9
>=1400	52.6	70.8	72.7	73.8	74.4	74.6	74.6	74.6	74.6	74.6
>=1200	53.6	72.3	74.3	75.5	76.2	76.3	76.3	76.4	76.4	76.4
>=1000	54.6	73.9	75.9	77.0	77.8	77.9	77.9	78.0	78.0	78.0
>=900	54.9	74.7	76.7	77.9	78.6	78.8	78.8	78.9	78.9	78.9
>=800	55.6	76.5	78.6	79.8	80.6	80.8	80.8	80.9	80.9	80.9
>=700	56.6	77.9	80.0	81.2	81.9	82.2	82.2	82.2	82.2	82.2
>=600	57.5	79.0	81.3	82.6	83.4	83.7	83.7	83.8	83.8	83.8
>=500	58.9	81.0	83.5	84.8	85.5	85.9	85.9	85.9	85.9	85.9
>=4500	59.3	82.0	84.5	85.9	86.6	86.9	86.9	87.0	87.0	87.0
>=4000	59.6	82.6	85.1	86.5	87.2	87.6	87.6	87.7	87.7	87.7
>=3500	60.2	83.6	86.2	87.9	88.5	88.9	88.9	89.0	89.0	89.0
>=3000	60.6	84.6	87.1	88.9	89.6	90.1	90.1	90.2	90.2	90.2
>=2500	61.4	86.0	88.6	90.4	91.2	91.6	91.6	91.7	91.7	91.7
>=2000	62.0	87.0	89.9	91.6	92.5	92.9	92.9	93.0	93.0	93.0
>=1800	62.3	87.5	90.4	92.2	93.0	93.5	93.5	93.5	93.5	93.5
>=1500	62.4	88.2	91.2	93.0	93.9	94.4	94.5	94.5	94.5	94.5
>=1200	62.6	89.1	92.1	94.0	94.9	95.5	95.5	95.6	95.6	95.6
>=1000	62.8	89.5	92.5	94.6	95.6	96.2	96.3	96.5	96.5	96.5
>=900	62.9	89.9	92.9	95.0	96.1	96.5	96.8	97.1	97.1	97.1
>=800	63.0	90.2	93.2	95.5	96.6	97.2	97.5	97.7	97.7	97.7
>=700	63.0	90.3	93.4	95.8	96.9	97.5	97.8	98.0	98.0	98.0
>=600	63.0	90.5	93.7	96.1	97.2	97.8	98.2	98.4	98.4	98.4
>=500	63.1	90.7	93.9	96.4	97.7	98.3	98.7	98.9	98.9	98.9
>=400	63.2	90.9	94.1	96.6	97.9	98.5	99.0	99.2	99.2	99.2
>=300	63.2	90.9	94.2	96.9	98.3	98.9	99.6	99.8	99.8	99.8
>=200	63.2	90.9	94.2	96.9	98.3	98.9	99.7	100.0	100.0	100.0
>=100	63.2	90.9	94.2	96.9	98.3	98.9	99.7	100.0	100.0	100.0
>=0	63.2	90.9	94.2	96.9	98.3	98.9	99.7	100.0	100.0	100.0

TOTAL NO. OF OBS : 1301

2 - (CEILING VS VISIBILITY)

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : OCT
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1
UNLIMIT	43.1	65.1	67.7	69.4	70.2	70.3	70.6	70.7	70.7	70.7
>=20000	44.9	68.0	70.7	72.4	73.3	73.7	73.7	73.8	73.8	73.9
>=16000	45.2	68.5	71.1	72.8	73.7	73.8	74.2	74.3	74.3	74.3
>=16000	45.2	68.6	71.2	72.9	73.8	73.9	74.3	74.3	74.3	74.4
>=14000	46.2	70.0	72.7	74.4	75.3	75.4	75.8	75.9	76.0	76.0
>=12000	47.4	72.0	74.7	76.5	77.4	77.5	77.9	78.0	78.0	78.0
>=10000	48.2	73.3	75.9	77.7	78.6	78.7	79.1	79.2	79.3	79.3
>=9000	48.8	74.5	77.7	79.0	80.0	80.1	80.5	80.6	80.6	80.6
>=8000	49.7	75.8	78.6	80.4	81.4	81.5	81.9	82.0	82.0	82.0
>=7000	50.3	76.7	79.6	81.6	82.6	82.6	83.0	83.1	83.2	83.2
>=6000	50.7	77.4	80.5	82.4	83.4	83.5	83.9	83.9	84.0	84.0
>=5000	51.5	78.6	81.8	83.9	84.9	84.9	85.3	85.4	85.5	85.5
>=4500	51.8	79.4	82.6	84.6	85.6	85.7	86.1	86.2	86.3	86.3
>=4000	52.2	80.2	83.3	85.5	86.5	86.6	87.0	87.1	87.2	87.2
>=3500	52.6	80.7	83.9	86.1	87.1	87.3	87.6	87.7	87.8	87.8
>=3000	53.1	81.7	84.9	87.2	88.2	88.3	88.7	88.8	88.9	88.9
>=2500	53.5	82.4	85.8	88.0	89.1	89.2	89.6	89.7	89.8	89.8
>=2000	54.1	83.5	87.2	89.4	90.6	90.7	91.2	91.3	91.3	91.3
>=1800	54.4	83.8	87.5	89.7	90.9	91.1	91.6	91.7	91.7	91.7
>=1500	54.8	84.8	88.5	90.9	92.0	92.2	92.6	92.7	92.8	92.8
>=1200	55.0	85.9	89.7	92.2	93.4	93.5	94.1	94.2	94.2	94.2
>=1000	55.0	86.3	90.2	92.8	94.0	94.2	94.7	94.8	94.9	94.9
>=900	55.0	86.6	90.5	93.2	94.4	94.5	95.1	95.2	95.3	95.3
>=800	55.2	87.2	91.1	93.8	95.2	95.3	95.9	96.0	96.1	96.1
>=700	55.3	87.4	91.3	94.1	95.5	95.6	96.2	96.3	96.4	96.4
>=600	55.3	87.6	91.7	94.5	95.9	96.2	96.9	97.1	97.2	97.2
>=500	55.4	87.9	92.2	95.0	96.6	96.9	97.8	98.0	98.1	98.1
>=400	55.5	88.0	92.4	95.3	96.9	97.2	98.2	98.3	98.5	98.5
>=300	55.5	88.0	92.4	95.5	97.2	97.6	98.7	98.9	99.1	99.1
>=200	55.5	88.0	92.4	95.5	97.3	97.7	98.8	99.0	99.2	99.2
>=100	55.5	88.0	92.4	95.5	97.3	97.7	98.8	99.0	99.2	99.2
>= 0	55.5	88.0	92.4	95.5	97.3	97.7	98.8	99.1	99.2	99.2

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U1390 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : OCT
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	1/4
UNLIMIT	41.2	57.3	59.8	61.3	62.4	62.5	63.0	63.2	63.4	>=1/2
>=20000	43.3	60.5	63.1	64.9	65.9	66.0	66.5	66.7	66.9	>=5/8
>=18000	43.5	60.8	63.3	64.9	66.0	66.2	66.5	66.9	67.0	63.8
>=16000	43.6	61.0	63.6	65.2	66.3	66.5	67.0	67.2	67.4	67.3
>=14000	44.5	62.3	64.9	66.5	67.6	67.8	68.4	68.5	68.8	67.5
>=12000	45.3	63.7	66.4	68.1	69.2	69.4	70.0	70.1	70.5	68.9
>=10000	46.1	65.2	68.0	69.7	70.9	71.1	71.7	71.8	72.1	70.6
>=9000	46.5	66.0	68.8	70.6	71.9	72.0	72.6	72.7	73.1	72.2
>=8000	47.3	67.4	70.3	72.2	73.4	73.6	74.2	74.4	74.7	73.2
>=7000	48.0	68.7	71.7	73.5	74.8	75.0	75.6	75.8	76.1	73.4
>=6000	48.6	69.7	72.9	74.7	75.9	76.2	76.8	77.0	77.3	74.8
>=5000	49.5	71.0	74.1	76.0	77.3	77.6	78.2	78.3	78.7	76.2
>=4500	49.9	71.8	74.9	76.9	78.1	78.4	79.0	79.2	79.5	77.4
>=4000	50.5	72.6	75.8	77.8	79.1	79.4	80.0	80.2	80.5	78.8
>=3500	51.1	73.6	76.8	78.9	80.2	80.5	81.2	81.3	81.7	79.6
>=3000	52.0	75.2	78.5	80.6	82.0	82.3	83.0	83.1	83.5	80.6
>=2500	52.8	76.7	80.1	82.3	83.7	84.0	84.7	84.8	85.2	81.8
>=2000	53.7	78.3	81.9	84.1	85.5	85.9	86.6	86.7	87.1	83.6
>=1800	54.1	78.9	82.5	84.7	86.2	86.5	87.3	87.4	87.8	85.3
>=1500	54.6	80.0	83.7	85.9	87.5	87.8	88.6	88.8	89.1	87.2
>=1200	55.2	81.3	85.1	87.4	89.0	89.4	90.2	90.3	90.7	87.9
>=1000	55.5	82.1	86.1	88.5	90.1	90.6	91.4	91.6	92.0	88.2
>=900	55.6	82.6	86.6	89.1	90.8	91.2	92.1	92.3	92.5	88.2
>=800	55.9	83.1	87.3	89.9	91.7	92.2	93.1	93.4	93.8	89.5
>=700	55.9	83.5	87.8	90.4	92.4	92.9	93.8	94.1	94.5	89.3
>=600	56.0	83.8	88.1	90.8	92.9	93.3	94.4	94.7	95.1	90.9
>=500	56.1	84.1	88.6	91.4	93.5	94.1	95.2	95.7	96.2	92.1
>=400	56.1	84.2	88.7	91.7	93.9	94.5	96.0	96.4	96.9	92.4
>=300	56.1	84.2	88.8	91.9	94.2	94.8	96.5	97.0	97.6	93.2
>=200	56.1	84.3	88.9	91.9	94.3	94.9	96.7	97.3	97.9	93.9
>=100	56.1	84.3	89.0	91.9	94.3	94.9	96.7	97.3	98.0	94.2
>=0	56.1	84.3	89.0	91.9	94.3	94.9	96.7	97.3	98.2	94.7
										95.3
										95.6
										96.2
										96.6
										97.0
										97.3
										97.7
										98.1
										98.5
										98.6
										98.7
										98.9
										99.3
										99.6
										100.0

TOTAL NO. OF OBS : 10414

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0100 LST

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	0.1	4.8	3.9	1.4	.0	.0	.0	.0	.0	.0	.0	12.2	6.4
NNE	1.3	4.1	3.7	1.2	.1	.0	.0	.0	.0	.0	.0	10.3	7.0
NE	1.0	3.3	2.9	.4	.0	.0	.0	.0	.0	.0	.0	7.6	6.2
ENE	.6	1.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	2.4	5.7
E	.8	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.3	5.2
ESE	.2	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.3
SE	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
SSE	.5	.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.8	5.7
S	1.0	2.3	1.7	.2	.0	.0	.0	.0	.0	.0	.0	5.2	6.2
SSW	.6	1.7	1.3	1.0	.2	.1	.0	.0	.0	.0	.0	4.8	7.9
SW	.8	1.7	1.6	.7	.1	.0	.0	.0	.0	.0	.0	5.2	7.2
WSW	.5	2.2	2.1	.6	.0	.0	.0	.0	.0	.0	.0	5.5	6.9
W	.8	1.5	3.1	1.0	.1	.0	.0	.0	.0	.0	.0	6.5	7.7
WNW	1.0	1.5	2.4	1.1	.1	.0	.0	.0	.0	.0	.0	6.0	7.7
NW	.6	2.1	1.3	.9	.1	.0	.0	.0	.0	.0	.0	5.0	7.4
NNW	1.6	3.7	1.2	.3	.1	.1	.0	.0	.0	.0	.0	6.9	5.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	13.9	32.9	27.5	9.5	.7	.2	.0	.0	.0	.0	.0	15.2	5.7

TOTAL NO. OF CES : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013820 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0400 LST

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

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	
												%	MEAN WIND SPEED
N	2.3	6.2	4.8	1.2	.2	.0	.0	.0	.0	.0	.0	14.7	6.6
NNE	1.2	4.7	5.6	1.4	.0	.0	.0	.0	.0	.0	.0	12.9	7.1
NE	1.3	2.4	2.2	.2	.0	.0	.0	.0	.0	.0	.0	6.2	6.1
NNE	.4	.7	.4	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.4
E	.2	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.0	5.8
ESE	.1	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.9
SE	.3	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.1
SSE	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.1	6.5
S	.6	1.9	.5	.4	.0	.0	.0	.0	.0	.0	.0	3.4	5.9
SSW	.2	1.0	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	4.0	8.7
SW	.6	1.8	2.6	.6	.0	.0	.0	.0	.0	.0	.0	5.6	7.0
WSW	1.0	2.6	2.1	.4	.1	.0	.0	.0	.0	.0	.0	6.3	6.5
W	1.0	2.8	3.5	1.3	.1	.0	.0	.0	.0	.0	.0	8.7	7.6
WNW	.9	1.6	2.3	.9	.0	.0	.0	.0	.0	.0	.0	5.6	7.0
NW	1.3	2.1	1.2	.4	.0	.0	.0	.0	.0	.0	.0	5.2	5.8
NNW	1.3	5.3	1.1	.6	.2	.0	.0	.0	.0	.0	.0	8.4	5.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.9	.0
ALL	13.2	35.2	29.1	9.0	.6	.0	.1	.0	.0	.0	.0	100.0	5.8

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0700 LST

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

DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
												%	WIND SPEED
N	2.3	8.4	4.2	1.0	.2	.0	.0	.0	.0	.0	.0	16.1	6.2
NNE	1.3	3.9	6.2	1.8	.1	.0	.0	.0	.0	.0	.0	13.3	7.5
NE	1.0	2.6	2.6	.4	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
ENE	.6	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
E	.5	.7	.0	.0	.1	.0	.0	.0	.0	.0	.0	1.3	4.9
ESE	.5	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.4	4.9
SE	.2	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.2	6.2
SSE	.2	.4	.2	.4	.1	.0	.0	.0	.0	.0	.0	1.4	9.3
S	.5	1.4	1.2	.6	.2	.0	.0	.0	.0	.0	.0	3.9	7.4
SSW	.4	1.3	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.8	7.1
SW	.6	2.2	2.2	.4	.1	.0	.0	.0	.0	.0	.0	5.6	6.7
WSW	.7	2.2	2.9	.7	.0	.0	.0	.0	.0	.0	.0	6.5	7.0
W	1.0	2.5	2.7	1.4	.1	.0	.0	.0	.0	.0	.0	7.8	7.4
WNW	1.3	1.0	2.0	.8	.1	.0	.0	.0	.0	.0	.0	5.2	7.2
NW	1.2	2.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.9	5.8
NNW	1.3	4.3	1.9	.2	.0	.0	.0	.0	.0	.0	.0	7.8	5.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	.0
ALL	13.7	35.8	29.8	9.2	.8	.1	.0	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

U1380C : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MCNTH : NOV
 HOUR : 1000 LST

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

16 PT.	SPEED (KNOTS)												TOTAL %	MEAN WIND SPEED					
	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40			41-47	48-55	>=56		
DIR.	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VAR	CLM	ALL
	.7	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
	.7	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
	.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
	.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	.9	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	.2	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.2	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.1	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
	.3	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
	.3	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
	.6	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3
	.2	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	1.0	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
	.5	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	7.5	23.4	39.4	23.9	3.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0

TOTAL NO. OF OBS : 1260

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1300 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N	.5	2.9	5.5	2.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.7	8.7
NNE	.2	1.8	4.8	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	8.4
NE	.2	1.7	3.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	8.0
ENE	.6	1.3	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.1
E	.2	1.1	2.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.5
ESE	.2	1.2	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	7.8
SE	.0	.7	.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	9.7
SSE	.3	1.0	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.5
S	.2	.4	1.7	1.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	10.3
SSW	.3	.9	1.7	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	11.0
SW	.2	1.4	2.5	2.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	10.2
WSW	.5	1.1	3.0	3.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	10.3
W	.2	1.7	3.2	3.1	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.8	11.3
WNW	.1	1.8	2.1	2.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	10.2
NW	.2	1.4	1.6	1.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	9.1
NNW	.2	1.0	2.3	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	9.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	4.1	21.3	39.9	28.8	4.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.4

TOTAL NO. OF OBS : 1259

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1600 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.4			2.3			4.8	2.7	.0	.0	.0	.0	.0	.0	.0	10.2	8.6
NNE	.4			1.3			2.7	1.2	.0	.0	.0	.0	.0	.0	.0	5.6	8.1
NE	.5			1.4			2.5	1.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.5
ENE	.2			1.1			2.3	.4	.0	.0	.0	.0	.0	.0	.0	4.0	7.4
E	.2			1.3			2.7	1.2	.1	.0	.0	.0	.0	.0	.0	5.5	8.4
ESE	.2			1.6			3.9	1.3	.0	.0	.0	.0	.0	.0	.0	7.1	8.3
SE	.2			1.0			2.7	.3	.0	.0	.0	.0	.0	.0	.0	5.2	8.1
SSE	.1			.8			2.6	.3	.0	.0	.0	.0	.0	.0	.0	3.8	8.0
S	.2			1.3			3.9	2.4	.1	.0	.0	.0	.0	.0	.0	7.9	9.3
SSW	.3			1.0			3.1	2.8	.1	.0	.0	.0	.0	.0	.0	7.2	9.5
SW	.6			.7			2.4	1.0	.1	.0	.0	.0	.0	.0	.0	4.8	8.3
WSW	.2			1.1			3.3	1.7	.4	.0	.0	.0	.0	.0	.0	6.6	9.6
W	.2			1.3			3.3	2.9	.6	.2	.1	.0	.0	.0	.0	8.6	10.9
WNW	.2			.8			2.5	1.9	.4	.1	.0	.0	.0	.0	.0	5.9	10.5
NW	.0			1.3			2.6	.7	.1	.1	.0	.0	.0	.0	.0	4.8	8.6
NNW	.3			.8			3.3	1.5	.2	.0	.1	.0	.0	.0	.0	6.1	9.4
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
ALL	4.2			19.3			49.4	23.3	1.9	.3	.2	.0	.0	.0	.0	100.0	8.8

TOTAL NO. OF OBS : 1260

NOTES : PERCENT < .05
 * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1900 LST

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

16 PT. DIR.		1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL %		MEAN WIND SPEED
DIR.											22-27	28-33	34-40	41-47	48-55	>=56		
N		.9			2.9		2.6	1.2	.0	.0	.1	.0	.0	.0	.0	.0	7.6	7.0
NNE		.8			2.1		2.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.0	7.1
NE		.6			2.9		2.9	.2	.0	.1	.0	.0	.0	.0	.0	.0	6.7	6.8
ENE		1.0			2.7		2.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.9
E		1.0			3.7		2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.8
ESE		1.2			2.9		.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.0
SE		1.3			2.0		.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.7
SSE		1.4			1.7		.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.2	5.4
S		1.2			6.3		3.4	.8	.0	.2	.0	.0	.0	.0	.0	.0	11.8	6.3
SSW		.7			3.6		2.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	6.8
SW		1.0			1.6		1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.0
WSW		.3			2.0		2.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	4.9	7.5
W		.6			1.9		2.3	.7	.0	.2	.1	.0	.0	.0	.0	.0	5.8	7.9
WNW		.3			1.3		1.0	.7	.0	.2	.1	.0	.0	.0	.0	.0	3.7	8.5
NW		.2			1.0		.9	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.5	7.3
NNW		.8			2.4		.9	.6	.0	.2	.0	.0	.0	.0	.0	.0	4.8	6.6
VAR		.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM		.0			.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	.0
ALL		13.3			40.9		30.1	7.6	1.0	.2	.0	.0	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIER

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MCNTH : NOV
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL Σ	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	1.6	4.8	2.6	1.0	.1	.0	.0	.0	.0	.0	.0	10.0	6.4				
NNE	1.0	4.0	2.6	1.5	.0	.0	.0	.0	.0	.0	.0	9.2	6.9				
NE	1.0	3.7	2.5	.4	.0	.0	.0	.0	.0	.0	.0	7.5	6.1				
ENE	.9	2.0	1.7	.1	.0	.0	.0	.0	.0	.0	.0	4.6	5.8				
E	.7	1.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.6				
ESE	.7	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.5	4.8				
SE	.2	1.0	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.6				
SSE	.6	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.1	5.3				
S	1.2	3.3	2.1	1.0	.1	.0	.0	.0	.0	.0	.0	7.6	6.6				
SSW	.9	3.3	1.8	.7	.1	.1	.0	.0	.0	.0	.0	6.8	6.7				
SW	1.5	2.5	2.0	.3	.0	.0	.0	.0	.0	.0	.0	6.3	5.9				
WSW	.8	2.1	1.8	.6	.1	.0	.0	.0	.0	.0	.0	5.3	6.9				
W	.9	1.5	2.6	1.3	.2	.0	.0	.0	.0	.0	.0	6.5	8.1				
WNW	.6	1.0	1.4	1.0	.2	.1	.0	.0	.0	.0	.0	4.4	9.1				
NW	1.2	1.7	1.1	.2	.1	.1	.0	.0	.0	.0	.0	4.3	6.0				
NNW	.8	2.4	1.0	.3	.0	.1	.0	.0	.0	.0	.0	4.6	6.1				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.1	.0				
ALL	14.5	37.1	25.3	8.8	.9	.3	.0	.0	.0	.0	.0	100.0	5.7				

TOTAL NO. OF OBS : 1260

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	1.3	4.4	4.2	1.8	.1	.0*	.0	.0	.0	.0	.0	11.9	7.3				
NNE	.9	3.1	4.4	1.6	.1	.0	.0	.0	.0	.0	.0	10.0	7.7				
NE	.8	2.6	3.0	.8	.0*	.0	.0	.0	.0	.0	.0	7.2	7.0				
ENE	.6	1.5	.4	.4	.0	.0	.0	.0	.0	.0	.0	4.0	6.7				
E	.5	1.4	1.3	.5	.0*	.0	.0	.0	.0	.0	.0	3.7	6.9				
ESE	.4	1.3	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.6				
SE	.4	.8	.9	.3	.0*	.0	.0	.0	.0	.0	.0	2.4	7.0				
SSE	.4	.6	.8	.4	.0*	.0	.0	.0	.0	.0	.0	2.5	7.1				
S	.7	2.2	1.9	1.0	.1	.0	.0	.0	.0	.0	.0	6.0	7.5				
SSW	.5	1.7	1.8	1.3	.2	.1	.0*	.0	.0	.0	.0	5.5	8.4				
SW	.7	1.6	2.3	.9	.1	.0*	.0	.0	.0	.0	.0	5.8	7.8				
WSW	.5	1.8	2.4	1.2	.2	.0*	.0	.0	.0	.0	.0	6.2	8.1				
W	.7	1.8	2.9	1.9	.4	.0*	.0	.0	.0	.0	.0	7.7	9.1				
WNW	.6	1.3	2.0	1.3	.7	.0*	.0	.0	.0	.0	.0	5.5	8.7				
NW	.7	1.6	1.6	.7	.1	.0*	.0	.0	.0	.0	.0	4.6	7.3				
NNW	.9	2.7	1.8	.8	.2	.0*	.0	.0	.0	.0	.0	6.3	7.1				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	.0				
ALL	10.5	30.7	33.8	15.0	1.9	.2	.0*	.0	.0	.0	.0	100.0	7.0				

TOTAL NO. OF OBS : 10079

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : NOV
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	38.7	56.3	58.7	60.9	61.9	62.0	62.5	62.9	62.9	63.9	64.2	64.2	64.7	64.9	65.5	65.9
>=20000	39.8	58.1	60.6	62.9	64.0	64.1	64.7	65.0	65.0	66.0	66.3	66.3	66.8	67.1	67.6	68.0
>=18000	40.0	58.4	61.0	63.2	64.4	64.4	65.0	65.3	65.3	66.3	66.7	66.7	67.1	67.4	67.9	68.3
>=16000	40.2	58.6	61.1	63.3	64.5	64.6	65.2	65.5	65.5	66.5	66.8	66.8	67.3	67.5	68.1	68.5
>=14000	40.9	59.4	62.0	64.4	65.6	65.7	66.3	66.6	66.6	67.6	67.9	67.9	68.4	68.7	69.2	69.6
>=12000	42.0	61.1	63.7	66.2	67.4	67.5	68.0	68.3	68.3	69.4	69.7	69.7	70.2	70.4	71.0	71.3
>=10000	42.8	62.4	65.0	67.5	68.8	68.9	69.4	69.8	69.8	70.8	71.1	71.1	71.6	71.8	72.4	72.8
>=9000	43.0	63.0	65.7	68.3	69.5	69.6	70.2	70.5	70.5	71.5	71.8	71.8	72.3	72.5	73.1	73.5
>=8000	43.5	64.0	66.7	69.2	70.6	70.6	71.2	71.5	71.5	72.5	72.9	72.9	73.3	73.6	74.1	74.5
>=7000	44.3	65.6	68.5	71.0	72.4	72.5	73.0	73.3	73.3	74.4	74.7	74.7	75.2	75.5	76.0	76.4
>=6000	45.0	66.8	69.8	72.5	73.8	73.9	74.4	74.8	74.8	75.9	76.3	76.3	76.8	77.1	77.6	78.0
>=5000	45.9	68.9	71.9	74.6	76.0	76.1	76.7	77.0	77.0	78.2	78.6	78.6	79.1	79.4	79.9	80.3
>=4500	46.5	70.2	73.2	75.9	77.4	77.5	78.1	78.4	78.4	79.6	80.0	80.0	80.6	80.8	81.3	81.7
>=4000	47.1	71.3	74.4	77.1	78.7	78.9	79.4	79.8	79.8	81.0	81.3	81.3	81.9	82.1	82.7	83.1
>=3500	47.4	71.7	74.9	77.6	79.3	79.4	80.0	80.3	80.3	81.5	81.9	81.9	82.5	82.7	83.3	83.7
>=3000	47.6	72.8	76.0	78.9	80.6	80.8	81.3	81.7	81.7	82.9	83.3	83.3	83.8	84.0	84.7	85.1
>=2500	47.9	73.7	77.0	79.8	81.6	81.8	82.4	82.8	82.8	84.0	84.4	84.4	84.9	85.2	85.8	86.2
>=2000	48.3	74.5	77.9	80.9	82.6	82.9	83.4	83.8	83.8	85.0	85.4	85.4	86.0	86.2	86.8	87.2
>=1800	48.7	74.8	78.3	81.2	82.9	83.2	83.7	84.1	84.1	85.3	85.7	85.7	86.3	86.5	87.1	87.5
>=1500	48.9	75.2	78.7	81.7	83.5	83.8	84.4	84.8	84.8	86.0	86.3	86.3	86.9	87.1	87.8	88.2
>=1200	49.8	76.8	80.5	83.5	85.4	85.7	86.3	86.7	86.7	88.0	88.4	88.4	89.0	89.2	89.8	90.2
>=1000	50.2	77.7	81.3	84.4	86.3	86.7	87.3	87.8	87.8	89.0	89.4	89.4	90.0	90.2	90.9	91.3
>=900	50.2	78.2	81.8	84.9	86.9	87.2	87.9	88.3	88.3	89.7	90.1	90.1	90.6	90.9	91.5	91.9
>=800	50.4	78.3	82.1	85.2	87.2	87.5	88.3	88.7	88.7	90.1	90.5	90.5	91.0	91.3	91.9	92.3
>=700	50.5	78.7	82.6	85.8	87.9	88.3	89.0	89.5	89.5	91.0	91.3	91.3	92.0	92.2	92.9	93.3
>=600	50.5	78.9	82.9	86.1	88.3	88.7	89.5	90.1	90.1	91.5	91.9	91.9	92.5	92.8	93.4	93.8
>=500	50.6	79.1	83.3	86.4	88.7	89.2	90.2	90.7	90.7	92.2	92.6	92.6	93.3	93.5	94.2	94.6
>=400	50.6	79.3	83.5	87.1	89.5	90.1	91.1	91.7	91.7	93.2	93.6	93.6	94.3	94.5	95.3	95.7
>=300	50.6	79.3	83.6	87.2	90.0	90.6	91.7	92.5	92.5	94.0	94.4	94.4	95.1	95.3	96.2	96.7
>=200	50.6	79.4	83.7	87.3	90.2	90.8	92.1	93.3	93.3	95.0	95.4	95.4	96.2	96.4	97.5	98.2
>=100	50.6	79.4	83.7	87.4	90.2	90.9	92.2	93.6	93.6	95.4	95.9	95.9	96.8	97.1	98.4	99.1
>=0	50.6	79.4	83.7	87.4	90.2	90.9	92.2	93.6	93.6	95.4	96.0	96.0	96.9	97.2	98.7	100.0

TOTAL NO. OF CBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	34.6	53.3	55.5	57.9	59.0	59.3	59.8	60.0	60.2	60.5	61.0	61.0	61.7	61.9	63.0	63.7
>=20000	35.6	54.7	56.9	59.4	60.6	60.8	61.3	61.5	61.7	62.1	62.6	62.6	63.3	63.5	64.7	65.3
>=18000	35.6	54.8	57.1	59.6	60.7	61.0	61.4	61.7	61.8	62.2	62.8	62.8	63.5	63.7	64.8	65.5
>=16000	35.6	54.9	57.1	59.7	60.7	61.0	61.5	61.7	61.9	62.3	62.9	62.9	63.6	63.7	64.9	65.6
>=14000	36.4	55.9	58.1	60.7	61.9	62.1	62.6	62.9	63.0	63.5	64.0	64.0	64.8	64.9	66.1	66.7
>=12000	37.5	57.5	59.9	62.5	63.7	64.0	64.4	64.7	64.8	65.3	65.9	65.9	66.6	66.7	67.9	68.6
>=10000	38.3	58.9	61.3	64.0	65.2	65.4	65.9	66.1	66.3	66.7	67.3	67.3	68.0	68.2	69.4	70.0
>=9000	38.8	59.8	62.1	64.9	66.2	66.4	66.9	67.1	67.3	67.8	68.3	68.3	69.0	69.2	70.4	71.0
>=8000	39.0	60.3	62.8	65.6	66.8	67.1	67.5	67.9	68.0	68.5	69.0	69.0	69.8	69.9	71.1	71.7
>=7000	39.8	62.1	64.6	67.5	68.8	69.0	69.7	70.0	70.2	70.6	71.2	71.2	71.9	72.1	73.3	73.9
>=6000	40.4	63.3	65.7	68.6	69.9	70.2	70.8	71.1	71.3	71.7	72.3	72.3	73.0	73.2	74.4	75.0
>=5000	41.3	65.3	67.9	71.0	72.5	72.8	73.4	73.7	73.9	74.4	74.9	74.9	75.6	75.8	77.0	77.6
>=4500	41.5	66.2	68.8	71.8	73.6	73.9	74.5	74.8	75.0	75.5	76.0	76.0	76.7	76.9	78.1	78.7
>=4000	42.1	67.6	70.3	73.5	75.2	75.6	76.3	76.6	76.7	77.2	77.8	77.8	78.7	78.8	80.0	80.6
>=3500	42.6	68.7	71.4	74.6	76.3	76.7	77.4	77.7	77.9	78.3	78.9	78.9	79.8	79.9	81.1	81.7
>=3000	42.9	69.7	72.6	75.9	77.8	78.1	78.8	79.1	79.3	79.8	80.4	80.4	81.3	81.4	82.6	83.3
>=2500	43.3	70.4	73.5	76.9	78.8	79.1	79.8	80.2	80.3	80.9	81.4	81.4	82.3	82.5	83.7	84.3
>=2000	43.7	71.1	74.2	77.6	79.6	79.9	80.6	81.0	81.1	81.7	82.2	82.2	83.1	83.3	84.4	85.1
>=1800	43.8	71.3	74.4	77.9	79.8	80.2	80.9	81.2	81.3	81.9	82.5	82.5	83.3	83.5	84.7	85.3
>=1500	44.1	72.1	75.2	78.7	80.7	81.0	81.7	82.1	82.3	82.9	83.4	83.4	84.3	84.4	85.7	86.3
>=1200	44.0	73.1	76.4	80.0	82.1	82.5	83.2	83.7	83.8	84.4	84.9	84.9	85.8	86.0	87.2	87.9
>=1000	45.0	73.8	77.2	81.0	83.1	83.4	84.1	84.6	84.8	85.3	85.9	85.9	86.7	86.9	88.2	88.8
>=900	45.6	74.4	77.9	81.7	83.9	84.2	84.9	85.4	85.6	86.1	86.7	86.7	87.5	87.7	89.0	89.6
>=800	45.6	74.8	78.5	82.5	84.8	85.1	85.8	86.3	86.5	87.1	87.6	87.6	88.5	88.7	89.9	90.6
>=700	45.6	75.2	79.0	83.2	85.4	85.7	86.4	87.0	87.1	87.7	88.3	88.3	89.1	89.3	90.6	91.2
>=600	45.7	75.4	79.5	83.7	86.0	86.3	87.1	87.7	87.9	88.4	89.0	89.0	89.9	90.1	91.4	92.1
>=500	45.7	75.6	79.8	84.3	86.7	87.0	87.9	88.6	88.7	89.3	89.9	89.9	90.9	91.0	92.4	93.0
>=400	45.7	75.7	80.0	84.8	87.2	87.6	88.9	89.6	89.8	90.3	91.0	91.0	91.9	92.1	93.4	94.0
>=300	45.7	75.8	80.4	85.6	88.3	88.9	90.3	91.2	91.3	92.3	92.6	92.6	93.8	94.0	95.4	96.1
>=200	45.7	75.9	80.5	85.7	88.4	89.0	90.7	91.6	91.8	92.7	93.5	93.5	94.8	94.9	96.7	97.5
>=100	45.7	75.9	80.6	85.8	88.6	89.2	90.9	91.8	92.1	92.9	93.9	93.9	95.5	95.9	97.9	99.3
>=0	45.7	75.9	80.6	85.8	88.6	89.2	90.9	91.8	92.1	92.9	93.9	93.9	95.5	95.9	97.9	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : NOV
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	31.4	46.9	50.0	52.1	54.0	54.2	55.5	55.8	56.3	56.4	56.4	57.0	57.3	57.9	59.4	
>=20000	32.8	49.3	52.6	55.0	57.0	57.2	58.7	59.0	59.6	59.7	59.7	60.2	60.6	61.3	62.9	
>=18000	33.0	49.6	52.9	55.3	57.3	57.5	59.0	59.4	59.9	60.0	60.0	60.6	60.9	61.6	63.2	
>=16000	33.3	49.9	53.3	55.7	57.7	57.9	59.4	59.8	60.3	60.4	60.4	61.0	61.3	62.1	63.7	
>=14000	34.2	51.1	54.5	57.0	59.0	59.3	60.7	61.1	61.2	61.7	61.8	62.4	62.7	63.5	65.1	
>=12000	34.8	52.5	56.0	58.6	60.8	61.0	62.5	62.9	63.5	63.6	63.6	64.1	64.4	65.3	67.0	
>=10000	35.0	53.1	56.7	59.2	61.4	61.7	63.2	63.7	64.3	64.4	64.4	64.9	65.2	66.2	67.9	
>=9000	35.4	54.1	57.9	60.5	62.7	62.9	64.5	65.0	65.6	65.7	65.7	66.3	66.6	67.5	69.2	
>=8000	36.0	55.3	59.1	61.9	64.1	64.4	66.0	66.4	66.5	67.1	67.1	67.6	68.0	69.0	70.6	
>=7000	36.7	57.1	61.0	64.0	66.3	66.5	68.1	68.6	68.7	69.2	69.3	69.8	70.2	71.1	72.8	
>=6000	37.3	58.6	62.5	65.5	67.9	68.1	69.6	70.2	70.9	71.0	71.0	71.5	71.8	72.8	74.4	
>=5000	38.0	59.9	64.1	67.2	69.8	70.1	71.8	72.4	73.0	73.1	73.1	73.7	74.0	74.9	76.6	
>=4500	38.5	60.8	65.0	68.3	71.0	71.2	72.9	73.5	74.1	74.2	74.2	74.8	75.2	76.1	77.8	
>=4000	38.9	61.8	66.3	69.5	72.4	72.6	74.4	74.9	75.6	75.6	75.6	76.3	76.6	77.5	79.2	
>=3500	39.5	62.6	67.1	70.5	73.3	73.6	75.4	76.0	76.6	76.7	76.7	77.3	77.6	78.6	80.2	
>=3000	39.9	63.3	67.9	71.3	74.4	74.6	76.4	77.0	77.7	77.8	77.8	78.4	78.8	79.8	81.4	
>=2500	40.5	64.2	69.0	72.7	75.7	76.0	77.9	78.3	79.0	79.1	79.1	79.6	80.2	81.1	82.8	
>=2000	40.6	64.7	69.6	73.3	76.4	76.7	78.6	79.1	79.8	79.9	79.9	80.6	81.0	81.9	83.6	
>=1800	40.7	64.8	69.8	73.5	76.7	76.9	78.9	79.4	80.1	80.2	80.2	80.8	81.2	82.1	83.8	
>=1500	41.0	65.4	70.4	74.3	77.5	77.7	79.6	80.2	80.9	81.0	81.0	81.6	82.0	82.9	84.6	
>=1200	41.5	66.4	71.4	75.3	78.5	78.7	80.6	81.2	81.9	82.0	82.0	82.6	83.0	84.0	85.6	
>=1000	42.0	67.3	72.3	76.2	79.4	79.6	81.6	82.2	82.9	83.0	83.0	83.7	84.0	85.0	86.7	
>=900	42.2	67.8	72.9	76.9	80.1	80.3	82.3	82.9	83.7	83.7	83.7	84.4	84.8	85.7	87.4	
>=800	42.6	69.1	74.3	78.5	81.7	81.9	84.0	84.6	85.3	85.4	85.4	86.0	86.4	87.4	89.0	
>=700	42.8	70.1	75.2	79.4	82.7	82.9	85.1	85.7	86.4	86.5	86.5	87.1	87.5	88.5	90.2	
>=600	43.1	70.5	75.8	80.1	83.3	83.7	86.1	86.8	87.6	87.7	87.7	88.3	88.7	89.7	91.3	
>=500	43.1	70.5	76.1	80.5	83.8	84.1	86.9	87.5	88.5	88.6	88.6	89.3	89.7	90.6	92.3	
>=400	43.1	70.6	76.3	80.7	84.4	84.7	87.7	88.5	89.5	89.6	89.6	90.4	90.8	91.8	93.5	
>=300	43.1	70.7	76.6	81.0	84.9	85.3	88.6	89.4	90.7	91.0	91.0	91.7	92.1	93.3	95.0	
>=200	43.1	70.7	76.6	81.0	85.0	85.4	89.0	90.6	92.0	92.4	92.4	93.3	93.9	95.1	97.0	
>=100	43.1	70.7	76.6	81.0	85.0	85.4	89.0	90.6	92.0	92.6	92.6	93.8	94.6	96.0	98.9	
>= 0	43.1	70.7	76.6	81.0	85.0	85.4	89.0	90.6	92.0	92.6	92.6	93.8	94.6	96.1	100.0	

TOTAL NO. OF CES : 1260

C - CEILING VS VISIBILITY

W13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	44.0	57.8	59.0	59.3	60.4	60.5	60.8	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=20000	47.1	61.9	63.2	63.6	64.8	64.9	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=18000	47.4	62.3	63.6	64.0	65.2	65.3	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=16000	47.5	62.5	63.7	64.1	65.4	65.5	65.8	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>=14000	48.2	63.3	64.8	65.2	66.6	66.7	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>=12000	49.2	64.8	66.3	66.9	68.3	68.4	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>=10000	50.0	66.6	68.6	69.1	70.6	70.7	71.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=9000	50.2	67.6	69.4	70.0	71.4	71.6	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>=8000	50.9	68.8	70.7	71.3	72.8	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=7000	51.7	70.0	72.0	72.6	74.0	74.2	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>=6000	52.7	71.5	73.6	74.2	75.7	75.9	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=5000	53.3	72.6	74.7	75.3	76.9	77.1	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>=4500	53.8	73.3	75.4	76.2	77.9	78.1	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
>=4000	54.0	73.7	75.9	76.7	78.4	78.7	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=3500	54.7	74.8	77.1	78.1	79.8	80.1	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=3000	55.4	76.0	78.3	79.4	81.3	81.7	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>=2500	55.7	76.7	79.0	80.2	82.2	82.5	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>=2000	56.4	77.9	80.3	81.5	83.6	83.9	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>=1800	56.6	78.3	80.7	81.9	84.0	84.3	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>=1500	57.0	79.0	81.5	82.7	84.9	85.2	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>=1200	57.9	80.6	83.2	84.4	86.7	87.0	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>=1000	58.3	81.7	84.2	85.4	87.9	88.3	89.2	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=900	58.4	82.4	84.9	86.2	88.7	89.1	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>=800	58.5	83.3	86.0	87.3	90.1	90.6	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>=700	58.6	83.7	86.6	87.9	91.0	91.5	92.6	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=600	58.7	84.0	87.0	88.5	92.1	92.7	94.0	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>=500	58.7	84.2	87.1	88.9	92.7	93.3	94.9	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=400	58.7	84.3	87.4	89.2	93.2	94.0	95.8	96.7	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=300	58.7	84.3	87.4	89.4	93.5	94.4	96.6	97.5	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>=200	58.7	84.3	87.4	89.4	93.5	94.4	96.8	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>=100	58.7	84.3	87.4	89.4	93.5	94.4	96.8	98.1	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
>=0	58.7	84.3	87.4	89.4	93.5	94.4	96.8	98.1	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NO. OF OBS : 1260

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=1/4
UNLIMIT	49.4	59.2	59.8	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>=20000	53.6	64.6	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>=18000	53.7	64.8	65.3	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>=16000	53.9	65.0	65.6	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>=14000	54.9	66.4	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>=12000	56.4	68.5	69.1	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>=10000	57.8	70.2	70.9	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>=9000	58.6	71.3	72.1	72.4	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=8000	59.1	72.5	73.3	73.7	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>=7000	59.8	73.6	74.4	74.8	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>=6000	60.5	74.5	75.3	75.8	76.0	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>=5000	61.5	76.1	76.9	77.4	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=4500	62.4	77.2	78.1	78.6	78.9	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=4000	63.0	78.3	79.1	79.6	79.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>=3500	63.7	79.3	80.2	80.6	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=3000	64.9	81.2	82.4	82.9	83.3	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>=2500	66.7	84.0	85.5	86.0	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=2000	68.0	86.0	87.4	87.9	88.4	88.7	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>=1900	68.4	86.7	88.1	88.7	89.1	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>=1500	69.4	88.2	89.6	90.2	90.9	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1200	69.8	89.4	90.9	91.6	92.2	92.5	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=1000	70.2	90.3	91.9	92.7	93.5	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>=900	70.2	90.6	92.2	93.3	94.0	94.5	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>=800	70.2	91.3	93.0	94.0	94.8	95.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>=700	70.2	91.5	93.2	94.4	95.3	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=600	70.3	91.7	93.5	94.8	95.0	96.4	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>=500	70.4	91.8	93.7	95.2	96.6	97.1	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=400	70.4	91.8	93.7	95.3	96.8	97.5	98.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>=300	70.4	91.8	93.7	95.3	97.2	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=200	70.4	91.8	93.7	95.3	97.2	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=100	70.4	91.8	93.7	95.3	97.2	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>=0	70.4	91.8	93.7	95.3	97.2	97.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NO. OF OBS : 1260

CEILING AND VISIBILITY

U13850 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=1 1/2	>=1 1/4	>=1	>=3/4
UNLIMIT	50.8	61.2	62.1	62.2	62.4	62.4	62.5	62.5	62.5	62.5
>=20000	54.8	66.3	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7
>=18000	54.8	66.3	67.2	67.4	67.6	67.6	67.7	67.7	67.7	67.7
>=16000	55.3	66.9	67.8	67.9	68.2	68.2	68.3	68.3	68.3	68.3
>=14000	56.4	68.2	69.0	69.2	69.4	69.5	69.6	69.6	69.6	69.6
>=12000	58.2	70.6	71.4	71.6	71.8	71.9	72.0	72.0	72.0	72.0
>=10000	59.1	72.4	73.3	73.5	73.9	74.0	74.0	74.0	74.0	74.0
>=8000	59.9	73.3	74.3	74.4	74.8	74.9	75.0	75.0	75.0	75.0
>=7000	61.6	76.2	77.1	77.4	77.8	77.9	77.9	77.9	77.9	77.9
>=6000	62.6	77.9	78.9	79.1	79.5	79.7	79.8	79.8	79.8	79.8
>=5000	63.4	79.6	80.6	80.9	81.4	81.5	82.0	82.0	82.1	82.1
>=4500	64.4	81.3	82.4	82.7	83.3	83.7	83.8	83.8	83.9	83.9
>=4000	65.2	82.4	83.5	83.9	84.4	84.9	85.0	85.0	85.1	85.1
>=3500	66.2	83.8	84.9	85.3	86.0	86.4	86.5	86.5	86.6	86.6
>=3000	67.0	85.1	86.3	86.7	87.3	87.4	87.9	87.9	87.9	87.9
>=2500	67.9	86.4	87.7	88.0	89.0	89.5	89.6	89.6	89.7	89.7
>=2000	68.7	87.7	89.0	89.6	90.5	91.0	91.1	91.1	91.2	91.2
>=1800	69.0	88.3	89.7	90.4	91.2	91.9	92.0	92.0	92.1	92.1
>=1500	69.3	89.0	90.6	91.3	92.1	92.9	93.0	93.0	93.1	93.1
>=1200	69.5	89.9	91.5	92.3	93.1	94.0	94.1	94.1	94.2	94.2
>=1000	69.6	90.4	92.1	92.9	93.8	94.1	94.9	95.0	95.1	95.1
>=900	69.7	90.6	92.4	93.2	94.2	94.6	95.4	95.5	95.6	95.6
>=800	69.8	90.8	92.6	93.6	94.6	95.1	96.1	96.2	96.3	96.3
>=700	69.8	90.8	92.7	93.7	94.8	95.3	96.6	96.7	96.7	96.7
>=600	69.8	90.8	92.9	94.0	95.5	96.0	97.5	97.6	97.7	97.7
>=500	69.8	91.1	93.3	94.4	95.1	96.7	98.1	98.3	98.3	98.3
>=400	69.8	91.3	93.4	94.5	96.3	96.9	98.6	98.7	98.9	98.9
>=300	69.8	91.3	93.4	94.5	96.4	97.1	98.7	99.3	99.4	99.4
>=200	69.8	91.3	93.5	94.6	96.6	97.2	98.5	99.7	99.8	99.8
>=100	69.8	91.3	93.5	94.6	96.6	97.2	99.0	99.7	99.9	99.9
>= 0	69.8	91.3	93.5	94.6	96.6	97.2	99.0	99.8	99.9	99.9

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013380 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : NOV
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	48.5	64.0	64.9	65.8	66.3	66.3	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=20000	51.0	67.2	68.4	69.3	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=18000	51.1	67.4	68.6	69.4	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=16000	51.3	67.7	68.9	69.8	70.3	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=14000	52.0	68.4	69.7	70.6	71.3	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>=12000	53.4	70.2	71.6	72.5	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>=10000	54.0	71.7	73.2	74.1	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=9000	54.4	72.3	73.8	74.8	75.6	75.6	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>=8000	55.8	74.4	76.0	77.0	77.9	77.9	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>=7000	56.6	75.9	77.6	78.6	79.4	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>=6000	57.5	77.2	79.3	80.2	81.1	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>=5000	59.5	78.8	80.9	81.8	82.7	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>=4500	59.3	80.3	82.5	83.4	84.4	84.4	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=4000	59.8	81.3	83.5	84.4	85.4	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=3500	60.6	82.4	84.7	85.6	86.6	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=3000	61.6	84.0	86.4	87.4	88.3	88.4	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>=2500	62.1	84.8	87.5	88.7	89.8	89.8	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>=2000	62.5	85.9	88.6	89.8	91.0	91.1	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1800	62.6	86.1	88.8	90.0	91.3	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>=1500	62.9	86.7	89.6	90.9	92.1	92.3	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>=1200	63.3	87.8	90.8	92.1	93.5	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=1000	63.3	88.0	91.1	92.4	93.9	94.0	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>=900	63.3	88.0	91.2	92.6	94.1	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=800	63.4	88.3	91.6	93.0	94.6	94.9	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>=700	63.5	88.5	91.8	93.3	94.8	95.2	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>=600	63.5	88.7	92.1	93.6	95.2	95.6	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=500	63.6	88.8	92.3	93.8	95.6	95.9	96.4	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0
>=400	63.6	89.0	92.6	94.2	96.1	96.5	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>=300	63.6	89.2	92.9	94.5	96.6	97.0	98.0	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2
>=200	63.6	89.2	92.9	94.6	96.7	97.1	98.2	98.8	99.4	99.6	99.6	99.7	99.8	99.8	99.8
>=100	63.6	89.2	92.9	94.6	96.7	97.1	98.2	98.8	99.5	99.8	99.8	99.8	99.9	100.0	100.0
>=0	63.6	89.2	92.9	94.6	96.7	97.1	98.2	98.8	99.5	99.8	99.8	99.8	99.9	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13890 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	43.7	61.6	63.8	65.2	66.4	66.4	66.6	67.1	67.1	67.3	67.3	67.3	67.3	67.6	67.6	67.6
>=20000	45.4	64.1	66.5	67.9	69.2	69.2	69.4	69.9	69.9	70.1	70.1	70.1	70.1	70.4	70.4	70.4
>=18000	45.6	64.4	66.8	68.3	69.5	69.5	69.7	70.2	70.2	70.4	70.4	70.4	70.4	70.7	70.7	70.7
>=16000	45.6	64.5	66.9	68.3	69.6	69.6	69.8	70.3	70.3	70.5	70.5	70.5	70.5	70.8	70.8	70.8
>=14000	46.7	65.8	68.2	69.8	71.0	71.0	71.2	71.7	71.8	72.0	72.0	72.0	72.0	72.3	72.3	72.3
>=12000	47.5	67.1	69.6	71.2	72.5	72.5	72.7	73.3	73.3	73.5	73.5	73.5	73.5	73.8	73.8	73.8
>=10000	47.9	68.3	71.0	72.5	74.0	74.0	74.2	74.8	74.8	75.0	75.0	75.0	75.0	75.3	75.3	75.3
>=8000	48.4	69.0	71.7	73.3	74.8	74.8	75.1	75.6	75.6	75.9	75.9	75.9	75.9	76.2	76.2	76.2
>=6000	49.0	70.2	73.0	74.7	76.2	76.2	76.4	77.0	77.1	77.2	77.2	77.2	77.2	77.5	77.5	77.5
>=4000	50.1	72.0	74.9	76.7	78.2	78.2	78.4	79.0	79.0	79.2	79.2	79.2	79.2	79.5	79.5	79.5
>=3000	50.8	74.0	77.0	78.8	80.3	80.3	80.6	81.1	81.2	81.3	81.3	81.3	81.3	81.7	81.7	81.7
>=2500	51.7	75.3	78.4	80.2	81.7	81.7	82.0	82.5	82.5	82.9	82.9	82.9	82.9	83.3	83.3	83.3
>=2000	52.1	76.1	79.2	81.0	82.5	82.5	82.8	83.3	83.5	83.7	83.7	83.7	83.7	84.0	84.0	84.0
>=1800	52.6	77.5	80.6	82.6	84.1	84.1	84.4	84.9	85.1	85.2	85.2	85.2	85.3	85.6	85.6	85.6
>=1600	53.1	78.3	81.5	83.5	85.0	85.0	85.2	85.8	86.0	86.1	86.1	86.2	86.2	86.5	86.5	86.5
>=1400	53.8	79.5	82.9	84.8	86.5	86.5	86.7	87.3	87.5	87.6	87.6	87.7	87.7	88.0	88.0	88.0
>=1200	54.4	80.7	84.1	86.1	87.9	87.9	88.2	88.7	88.9	89.0	89.0	89.1	89.1	89.4	89.4	89.4
>=1000	54.9	82.1	85.6	87.6	89.4	89.4	89.7	90.2	90.4	90.6	90.6	90.6	90.6	91.0	91.0	91.0
>=800	55.2	82.8	86.6	88.6	90.4	90.4	90.6	91.2	91.3	91.5	91.5	91.6	91.6	91.9	91.9	91.9
>=600	55.4	83.3	87.2	89.3	91.2	91.2	91.5	92.1	92.2	92.4	92.4	92.5	92.5	92.8	92.8	92.8
>=400	55.6	83.6	87.5	89.8	91.7	91.7	92.0	92.5	92.7	92.9	92.9	93.0	93.0	93.3	93.3	93.3
>=300	55.6	83.8	87.8	90.0	92.1	92.1	92.4	92.9	93.1	93.3	93.3	93.3	93.3	93.7	93.7	93.7
>=200	55.6	84.1	88.2	90.4	92.5	92.5	92.8	93.4	93.7	93.9	93.9	94.0	94.0	94.3	94.3	94.3
>=100	55.6	84.2	88.3	90.6	92.7	92.7	93.0	93.7	94.0	94.1	94.1	94.2	94.2	94.6	94.6	94.6
>=0	55.6	84.6	88.7	91.0	93.3	93.3	93.7	94.3	94.7	94.8	94.8	94.9	94.9	95.3	95.3	95.3
	55.6	85.0	89.1	91.5	93.7	93.7	94.1	94.8	95.2	95.3	95.3	95.4	95.4	95.9	95.9	95.9
	55.6	85.2	89.4	92.0	94.5	94.5	94.8	95.6	96.1	96.3	96.3	96.3	96.3	96.8	96.8	96.8
	55.6	85.2	89.5	92.1	94.8	94.8	95.0	96.7	97.2	97.5	97.5	97.6	97.6	98.2	98.2	98.2
	55.6	85.2	89.5	92.1	94.9	94.9	95.2	96.1	97.3	97.8	98.1	98.3	98.3	98.8	98.8	98.8
	55.6	85.2	89.5	92.1	94.9	94.9	95.2	96.1	97.4	98.5	98.5	98.7	98.7	99.3	99.3	99.3
	55.6	85.2	89.5	92.1	94.9	94.9	95.2	96.1	97.4	98.5	98.5	98.7	98.7	99.4	99.4	99.4
	55.6	85.2	89.5	92.1	94.9	94.9	95.2	96.1	97.4	98.5	98.5	98.7	98.7	99.4	99.4	99.4

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : NOV
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
UNLIMIT	42.6	57.5	59.2	60.4	61.3	61.4	61.8	62.0	62.0	62.0	62.3	62.4	62.4	62.6	62.7	63.0
>=20000	45.0	60.8	62.6	63.9	64.8	64.9	65.3	65.5	65.5	65.5	65.8	65.9	65.9	66.2	66.2	66.6
>=18000	45.2	61.0	62.8	64.1	65.0	65.1	65.5	65.7	65.8	65.8	66.0	66.2	66.2	66.4	66.5	66.8
>=16000	45.3	61.2	63.1	64.3	65.3	65.4	65.8	66.0	66.0	66.0	66.3	66.4	66.4	66.6	66.7	67.1
>=14000	46.2	62.3	64.2	65.5	66.5	66.6	67.0	67.3	67.3	67.3	67.6	67.7	67.7	67.9	68.0	68.4
>=12000	47.4	64.0	66.0	67.4	68.4	68.5	68.9	69.1	69.2	69.2	69.4	69.6	69.6	69.8	69.9	70.2
>=10000	48.1	65.5	67.5	68.9	70.0	70.1	70.5	70.8	70.8	70.8	71.1	71.2	71.2	71.4	71.5	71.9
>= 9000	48.6	66.3	68.4	69.8	71.0	71.1	71.5	71.7	71.8	71.8	72.1	72.2	72.2	72.4	72.5	72.9
>= 8000	49.3	67.5	69.7	71.2	72.3	72.5	72.9	73.2	73.2	73.2	73.5	73.6	73.6	73.8	73.9	74.3
>= 7000	50.1	69.1	71.3	72.8	74.0	74.1	74.6	74.8	74.9	75.1	75.3	75.3	75.3	75.5	75.6	76.0
>= 6000	50.8	70.5	72.7	74.3	75.5	75.7	76.2	76.4	76.4	76.4	76.7	76.9	76.9	77.1	77.2	77.6
>= 5000	51.7	72.1	74.4	76.1	77.3	77.5	78.1	78.3	78.3	78.3	78.7	78.8	78.8	79.0	79.1	79.5
>= 4500	52.3	73.2	75.6	77.2	78.6	78.8	79.3	79.6	79.6	79.6	79.9	80.1	80.1	80.3	80.4	80.8
>= 4000	52.8	74.2	76.7	78.4	79.8	80.0	80.6	80.8	80.9	81.2	81.3	81.3	81.3	81.6	81.7	82.1
>= 3500	53.5	75.2	77.7	79.5	80.9	81.1	81.7	81.9	82.0	82.3	82.5	82.5	82.5	82.7	82.8	83.2
>= 3000	54.1	76.4	79.1	80.9	82.4	82.6	83.2	83.5	83.5	83.5	83.9	84.0	84.0	84.3	84.4	84.8
>= 2500	54.8	77.6	80.4	82.3	83.9	84.1	84.8	85.0	85.1	85.4	85.6	85.6	85.6	85.9	86.0	86.4
>= 2000	55.4	78.7	81.5	83.5	85.1	85.3	86.0	86.3	86.3	86.7	86.7	86.8	86.8	87.1	87.2	87.6
>= 1800	55.6	79.0	81.9	83.9	85.6	85.8	86.4	86.7	86.7	87.1	87.1	87.3	87.3	87.5	87.6	88.0
>= 1500	56.0	79.8	82.8	84.8	86.5	86.7	87.4	87.7	87.7	88.1	88.3	88.3	88.3	88.5	88.6	89.1
>= 1200	56.5	80.9	84.0	86.1	87.8	88.1	88.8	89.1	89.1	89.5	89.5	89.7	89.7	89.9	90.0	90.5
>= 1000	56.8	81.6	84.7	86.8	88.7	89.0	89.7	90.0	90.1	90.5	90.5	90.6	90.6	90.9	91.0	91.4
>= 900	56.9	82.0	85.1	87.3	89.3	89.6	90.3	90.6	90.7	91.1	91.2	91.2	91.2	91.5	91.6	92.0
>= 800	57.0	82.5	85.8	88.1	90.0	90.4	91.2	91.5	91.6	92.0	92.2	92.2	92.2	92.4	92.5	93.0
>= 700	57.1	82.8	86.2	88.5	90.6	90.9	91.8	92.2	92.2	92.7	92.7	92.8	92.8	93.1	93.2	93.6
>= 600	57.2	83.1	86.6	89.0	91.2	91.6	92.6	93.0	93.7	93.7	93.8	94.4	94.4	94.8	94.9	95.3
>= 500	57.2	83.3	86.8	89.4	91.7	92.1	93.2	93.7	93.8	94.3	94.4	94.4	94.4	94.8	94.9	95.7
>= 400	57.2	83.4	87.0	89.7	92.2	92.7	94.0	94.6	94.7	95.2	95.4	95.4	95.4	95.8	95.9	96.4
>= 300	57.2	83.5	87.2	90.0	92.7	93.3	94.8	95.5	95.5	96.2	96.5	96.5	96.5	96.9	97.0	97.5
>= 200	57.2	83.5	87.2	90.0	92.8	93.4	95.0	95.9	96.7	96.9	97.2	97.2	97.2	97.6	97.8	98.5
>= 100	57.2	83.5	87.2	90.0	92.8	93.4	95.1	96.0	96.1	97.1	97.1	97.4	97.4	98.0	98.2	98.9
>= 0	57.2	83.5	87.2	90.0	92.8	93.4	95.1	96.0	96.1	97.1	97.1	97.4	97.4	98.0	98.2	99.0

TOTAL NO. OF OBS : 10080

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0100 LST

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

16 PT.	1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL		MEAN
DIR.										22-27	28-33	34-40	41-47	48-55	>=56	%	WIND SPEED
N	2.0			3.7			3.4	.9	.0	.0	.0	.0	.0	.0	.0	10.0	6.4
NNE	1.8			3.1			4.4	1.2	.0	.0	.0	.0	.0	.0	.0	10.4	7.0
NE	.8			2.0			3.0	.8	.0	.0	.0	.0	.0	.0	.0	6.6	7.3
ENE	.4			.7			.4	.3	.0	.0	.0	.0	.0	.0	.0	1.8	6.2
E	.6			.8			.4	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.6
ESE	.2			.5			.3	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.6
SE	.4			.8			.3	.3	.0	.0	.0	.0	.0	.0	.0	1.8	6.4
SSE	.5			1.0			.5	.4	.0	.0	.0	.0	.0	.0	.0	2.5	6.4
S	1.0			1.5			.9	.7	.3	.0	.0	.0	.0	.0	.0	4.5	7.4
SSW	.5			1.8			2.3	1.4	.5	.1	.1	.0	.0	.0	.0	6.6	9.3
SW	.6			2.5			3.0	1.1	.2	.0	.0	.0	.0	.0	.0	7.3	7.6
WSW	.9			1.9			3.6	1.1	.0	.0	.0	.0	.0	.0	.0	7.5	7.7
W	.5			2.3			3.6	1.2	.0	.1	.0	.0	.0	.0	.0	7.7	7.9
WNW	.8			1.5			2.2	1.2	.5	.0	.1	.0	.0	.0	.0	6.4	8.9
NW	.8			1.5			1.9	.5	.0	.0	.0	.0	.0	.0	.0	4.7	6.8
NNW	1.1			2.8			1.8	.5	.0	.0	.0	.0	.0	.0	.0	6.1	5.9
VAR	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	13.5	.0
ALL	12.8			28.3			32.0	11.6	1.5	.2	.2	.0	.0	.0	.0	100.0	6.3

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	1.6	4.8	4.2	1.2	.2	.0	.0	.0	.0	.0	.0	11.9	6.8				
NNE	1.0	3.9	5.3	1.9	.1	.0	.0	.0	.0	.0	.0	12.2	7.6				
NE	.5	1.5	2.1	.8	.1	.0	.0	.0	.0	.0	.0	5.0	7.6				
ENE	.6	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.6				
E	.2	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.9	6.3				
ESE	.2	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	5.0				
SE	.4	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.5	6.7				
SSE	.3	.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	1.5	6.3				
S	.6	1.4	.5	.5	.1	.0	.0	.0	.0	.0	.0	3.1	6.5				
SSW	.5	1.6	1.7	1.6	.1	.2	.0	.0	.0	.0	.0	5.6	8.8				
SW	.3	2.3	3.1	1.3	.2	.0	.1	.0	.0	.0	.0	7.2	8.5				
WSW	.6	2.4	3.3	.9	.2	.1	.0	.0	.0	.0	.0	7.5	7.7				
W	.8	2.8	3.8	1.2	.4	.1	.0	.0	.0	.0	.0	9.1	8.0				
WNW	1.0	1.9	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	6.5	8.0				
NW	1.8	2.8	1.9	.3	.0	.0	.0	.0	.0	.0	.0	6.8	5.7				
NNW	.8	3.5	2.0	.5	.0	.0	.0	.0	.0	.0	.0	6.8	6.0				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0				
ALL	11.2	30.9	32.1	12.1	1.5	.3	.1	.0	.0	.0	.0	100.0	6.4				

TOTAL NO. OF OBS : 1301

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HCUP : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS)																TOTAL Σ	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56							
N	1.8	5.8	5.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	6.6
NNE	.8	3.0	6.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	7.9
NE	.9	2.2	1.9	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.8
ENE	.4	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.8
E	.2	.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.6
ESE	.3	.4	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.1
SE	.6	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.3
SSE	.2	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.2
S	.8	1.8	1.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	6.4
SSW	.5	1.5	1.7	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.9
SW	.8	1.3	3.0	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.3
WSW	.6	1.8	2.8	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	7.7
W	.3	2.2	4.7	1.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	8.7
WNW	1.0	1.9	2.2	1.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	8.0
NW	1.1	2.5	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.1
NNW	1.3	4.0	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	.0
ALL	11.6	31.0	33.3	11.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1302

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

U13860 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1000 LST

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

		SPEED (KNOTS)											TOTAL	MEAN
		1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED
16 PT.	DIR.													
N	1.0	2.2	4.7	3.4	.5	.0	.0	.0	.0	.0	.0	.0	11.8	9.1
NNE	.5	2.4	4.5	3.7	.5	.0	.0	.0	.0	.0	.0	.0	11.5	9.6
NE	.8	2.7	4.5	2.2	.1	.0	.0	.0	.0	.0	.0	.0	10.2	8.1
ENE	.7	1.2	2.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.8	7.5
E	.5	1.2	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.0	6.1
ESE	.4	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.7
SE	.2	.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.6
SSE	.3	.7	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.3	8.0
S	.5	.8	1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.5	8.5
SSW	.5	1.0	1.5	1.7	.4	.0	.0	.0	.0	.0	.0	.0	5.1	9.5
SW	.5	.9	1.6	1.2	.6	.1	.0	.0	.0	.0	.0	.0	5.0	10.0
WSW	.5	1.8	3.4	2.3	.6	.0	.0	.0	.0	.0	.0	.0	8.7	9.5
W	.5	1.4	2.7	2.5	.8	.2	.1	.0	.0	.0	.0	.0	8.1	10.4
WNW	.2	.9	2.9	2.3	.5	.1	.0	.0	.0	.0	.0	.0	7.0	10.6
NW	.3	1.7	1.9	2.1	.2	.0	.0	.0	.0	.0	.0	.0	6.1	9.0
NNW	.7	2.2	1.8	1.1	.1	.1	.0	.0	.0	.0	.0	.0	6.0	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	.0
ALL	8.3	22.4	36.3	24.9	4.4	.5	.1	.0	.0	.0	.0	.0	100.0	8.7

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1300 LST

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

16 PT. DIR.	1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL		MEAN
																%	WIND	SPEED
N	.5	2.2	3.8	3.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	9.4	
NNE	.2	1.8	2.6	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	8.8	
NE	.3	1.5	2.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	8.4	
ENE	.2	1.4	2.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	7.8	
E	.1	.6	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	8.7	
ESE	.3	1.0	1.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	8.0	
SE	.5	1.1	1.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.2	
SSE	.4	.8	1.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	8.3	
S	.2	.7	1.7	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	11.2	
SSW	.2	.8	1.3	3.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	12.3	
SW	.2	.9	2.4	2.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	10.7	
WSW	.2	1.6	2.7	3.6	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	11.1	
W	.3	1.6	3.9	3.6	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	11.1	11.0	
WNW	.3	1.2	3.3	2.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	10.3	
NW	.6	1.5	1.5	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	9.2	
NNW	.2	.8	2.3	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	9.8	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0	
ALL	4.7	19.4	36.6	30.4	6.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.7	

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

L13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1600 LST

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

16 PT.	1	-	3	4	-	6	7-10	11-16	17-21	SPEED (KNOTS)					TOTAL		MEAN
DIR.															%	SPEED	
N	.6			2.6			4.3	2.0	.1		.0	.0	.0	.0	.0	9.6	8.3
NNE	.2			1.5			3.3	1.1	.0		.0	.0	.0	.0	.0	6.1	8.1
NE	.3			1.8			2.7	.6	.2		.0	.0	.0	.0	.0	5.6	7.7
ENE	.3			.7			1.3	.4	.0		.0	.0	.0	.0	.0	2.7	7.5
E	.3			.8			2.6	.2	.0		.0	.0	.0	.0	.0	4.0	7.5
ESE	.0			1.0			2.0	.8	.0		.0	.0	.0	.0	.0	3.8	8.3
SE	.2			1.2			3.2	.6	.0		.0	.0	.0	.0	.0	5.2	7.9
SSE	.2			1.4			1.8	.5	.0		.0	.0	.0	.0	.0	3.8	7.4
S	.3			1.2			3.5	2.0	.3		.0	.0	.0	.0	.0	7.2	9.6
SSW	.4			1.1			3.5	2.9	.7		.1	.0	.0	.0	.0	8.6	10.5
SW	.2			1.0			2.5	1.7	.2		.1	.0	.0	.0	.0	5.6	9.5
WSW	.0			1.1			3.5	1.7	.4		.0	.0	.0	.0	.0	6.7	9.9
W	.2			1.9			4.1	4.0	1.2		.2	.0	.0	.0	.0	11.6	10.8
WNW	.1			1.8			3.2	1.8	.2		.2	.0	.0	.0	.0	7.2	9.5
NW	.3			.8			2.0	1.2	.3		.0	.0	.0	.0	.0	4.5	9.4
NNW	.3			1.2			3.3	2.2	.2		.0	.0	.0	.0	.0	7.2	9.3
VAR	.0			.0			.0	.0	.0		.0	.0	.0	.0	.0	.0	.0
CLM	.0			.0			.0	.0	.0		.0	.0	.0	.0	.0	.5	.0
ALL	3.9			21.0			46.8	23.6	3.6		.6	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS)											TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	.8	3.2	2.1	.8	.0	.0	.0	.0	.0	.0	.0	6.8	6.6
NNE	.5	3.0	2.6	1.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.1
NE	.9	2.0	2.6	.7	.1	.0	.0	.0	.0	.0	.0	6.3	6.9
ENE	.8	3.1	1.7	.3	.1	.0	.0	.0	.0	.0	.0	6.0	6.2
E	.5	1.5	1.5	.2	.0	.0	.0	.0	.0	.0	.0	3.7	6.2
ESE	.4	1.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.8
SE	1.0	2.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	4.1	5.3
SSE	1.2	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	5.1	5.5
S	.9	5.1	3.3	1.2	.1	.0	.0	.0	.0	.0	.0	10.6	6.8
SSW	.8	3.3	4.5	1.0	.2	.0	.0	.0	.0	.0	.0	9.8	7.6
SW	.5	1.5	2.2	.6	.1	.0	.0	.0	.0	.0	.0	4.9	7.5
WSW	.5	2.1	2.8	.6	.2	.0	.0	.0	.0	.0	.0	6.5	7.9
W	.6	2.6	2.0	1.3	.5	.1	.0	.0	.0	.0	.0	7.1	8.7
WNW	.5	.8	1.5	.8	.1	.0	.0	.0	.0	.0	.0	3.5	8.2
NW	.5	1.6	1.4	.4	.0	.1	.0	.0	.0	.0	.0	3.9	7.0
NNW	.8	2.6	1.7	.3	.1	.0	.0	.0	.0	.0	.0	5.5	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	11.2	38.6	32.6	9.8	1.5	.2	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1302

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

013880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56						
N	1.5	4.2	3.0	.8	.1	.0	.0	.0	.0	.0	.0	9.6	6.3				
NNE	.8	2.6	3.8	1.1	.1	.0	.0	.0	.0	.0	.0	8.6	7.4				
NE	1.5	3.3	3.0	.4	.1	.0	.0	.0	.0	.0	.0	8.3	6.4				
ENE	.7	1.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.4				
E	.5	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.1				
ESE	.7	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.8				
SE	.8	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.0				
SSE	.5	1.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	2.6	6.1				
S	.8	3.5	2.2	.6	.5	.0	.0	.0	.0	.0	.0	7.8	7.4				
SSW	1.2	2.8	2.2	.8	.2	.1	.0	.0	.0	.0	.0	7.2	7.1				
SW	1.4	2.0	3.1	.8	.1	.0	.0	.0	.0	.0	.0	7.4	7.1				
WSW	.5	3.0	2.5	.9	.2	.0	.0	.0	.0	.0	.0	7.2	7.2				
W	.3	1.7	3.1	2.0	.1	.1	.0	.0	.0	.0	.0	7.3	9.1				
WNW	.8	.8	1.5	1.0	.4	.0	.0	.0	.0	.0	.0	4.5	8.6				
NW	.4	1.5	.7	.8	.1	.0	.0	.0	.0	.0	.0	3.4	7.6				
NNW	.8	1.8	1.6	.3	.1	.0	.0	.0	.0	.0	.0	4.7	6.4				
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	.0				
ALL	13.3	33.4	29.3	10.1	1.8	.2	.0	.0	.0	.0	.0	100.0	6.2				

TOTAL NO. OF OBS : 1302

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

G13800 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS)															TOTAL %	MEAN WIND SPEED
	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	1.2	3.6	3.8	1.7	.2	.0	.0	.0	.0	.0	.0	.0	10.5	7.4			
NNE	.7	2.7	4.2	1.7	.1	.0	.0	.0	.0	.0	.0	.0	9.5	8.0			
NE	.8	2.1	2.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	6.7	7.4			
NNE	.5	1.2	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	3.2	6.7			
E	.4	.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.6			
ESE	.3	.9	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	2.2	6.6			
SE	.5	1.0	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	2.7	6.5			
SSE	.5	1.1	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	2.8	6.8			
S	.6	2.0	1.8	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	5.7	8.0			
SSW	.6	1.7	2.3	1.7	.4	.1	.0*	.0	.0	.0	.0	.0	6.8	9.1			
SW	.6	1.5	2.6	1.2	.3	.0*	.0*	.0	.0	.0	.0	.0	6.3	8.6			
WSW	.5	2.0	3.1	1.5	.3	.0*	.0	.0	.0	.0	.0	.0	7.4	8.7			
W	.5	2.1	3.5	2.2	.6	.1	.0*	.0	.0	.0	.0	.0	8.9	9.5			
WNW	.6	1.3	2.3	1.5	.3	.1	.0*	.0	.0	.0	.0	.0	6.2	9.1			
NW	.7	1.7	1.6	1.0	.1	.0*	.0	.0	.0	.0	.0	.0	5.1	7.6			
NNW	.8	2.4	2.0	.9	.1	.0*	.0	.0	.0	.0	.0	.0	6.1	7.2			
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	.0			
ALL	9.6	28.1	34.9	16.6	2.7	.4	.1	.0	.0	.0	.0	.0	100.0	7.4			

TOTAL NO. OF OBS : 10415

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

U1380 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : ANN
 HOUR : ALL

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

16 PT. DIR.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL Σ	MEAN WIND SPEED
N	1.1	3.1	2.9	1.3	.1	.C*	.C*	.0	.C	.0	.0	8.4	7.3
ANE	.8	2.7	2.5	1.4	.1	.C*	.C	.C	.0	.0	.0	8.4	7.6
NE	.7	2.3	2.8	1.0	.0*	.0*	.0*	.0	.0	.0	.0	6.8	7.4
ENE	.4	1.3	1.6	.6	.C*	.0*	.0*	.0	.0	.0	.0	4.0	7.5
E	.5	1.3	1.5	.7	.C*	.0*	.0*	.0	.0	.0	.0	4.1	7.6
ESE	.4	1.1	1.3	.6	.C*	.0*	.0*	.0	.0	.0	.0	3.6	7.6
SE	.5	1.3	1.4	.7	.C*	.0*	.0	.0	.0	.0	.0	3.9	7.5
SSE	.6	1.6	1.6	.7	.1	.0*	.0*	.0*	.0	.0	.0	4.6	7.3
S	1.0	3.0	3.2	1.7	.3	.0*	.0*	.0	.0	.0	.0	9.3	7.9
SSW	.6	2.4	3.1	1.7	.3	.1	.C*	.0	.0	.0	.0	8.2	8.5
SW	.5	1.9	2.9	1.2	.2	.C*	.0*	.0	.0	.0	.0	6.8	8.2
WSW	.4	1.7	2.6	1.2	.2	.1	.0*	.0*	.0	.0	.0	6.2	8.6
W	.5	1.6	2.6	1.5	.4	.1	.0*	.0*	.0	.0	.0	6.6	9.2
WNW	.4	1.1	1.6	1.0	.3	.1	.C*	.0*	.0	.0	.0	4.5	9.2
NW	.5	1.2	1.2	.6	.1	.0*	.0*	.C*	.0	.0	.0	3.6	7.8
NNW	.6	1.8	1.4	.7	.1	.0*	.0*	.0	.0	.0	.0	4.6	7.3
VAR	.0	.0	.0	.C	.C	.0	.0	.C	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.C	.C	.C	.0	.C	.C	.0	.0	6.6	.0
ALL	9.3	29.4	35.2	16.8	2.2	.4	.1	.0*	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 122684

NOTES : * = PERCENT < .05

CEILING VS VISIBILITY

U13980 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1/16
UNLIMIT	38.0	52.6	54.9	56.7	57.5	58.1	58.2	58.2	58.5	58.9
>=20000	39.4	54.6	56.9	58.8	59.5	60.1	60.3	60.6	61.0	61.0
>=19000	39.5	54.7	57.0	58.8	59.6	60.2	60.4	60.7	61.1	61.1
>=18000	39.6	54.9	57.2	59.1	59.8	60.4	60.6	60.9	61.3	61.3
>=17000	40.2	55.9	58.3	60.1	60.9	61.6	61.8	62.1	62.4	62.5
>=16000	40.7	56.9	59.3	61.1	62.0	62.7	62.8	63.1	63.5	63.6
>=15000	42.0	58.8	61.4	63.3	64.1	64.8	65.0	65.3	65.7	65.7
>=14000	42.5	59.5	62.2	64.2	65.1	65.7	65.9	66.2	66.6	66.7
>=13000	43.5	61.1	63.8	65.8	66.7	67.4	67.6	67.9	68.3	68.4
>=12000	44.9	62.9	65.8	67.9	69.0	69.7	69.9	70.2	70.6	70.7
>=11000	45.9	64.7	67.8	69.9	71.0	71.7	72.0	72.3	72.7	72.7
>=10000	47.2	66.7	70.0	72.2	73.3	74.0	74.3	74.6	75.0	75.1
>=9000	47.8	67.9	71.4	73.7	74.8	75.5	75.7	76.0	76.4	76.6
>=8000	48.6	69.0	72.6	75.0	76.2	77.0	77.2	77.5	77.8	78.0
>=7000	49.2	70.3	74.0	76.4	77.6	78.4	78.7	79.0	79.5	79.6
>=6000	49.5	71.4	75.2	77.7	79.0	79.7	80.0	80.3	80.8	80.9
>=5000	50.0	72.8	76.7	79.2	80.5	81.3	81.6	82.0	82.4	82.5
>=4500	50.3	73.7	77.6	80.3	81.6	82.4	82.7	83.0	83.5	83.6
>=4000	50.5	74.1	78.2	80.8	82.1	82.9	83.3	83.6	84.0	84.1
>=3500	51.2	75.4	79.6	82.3	83.6	84.5	84.8	85.1	85.6	85.6
>=3000	51.4	76.2	80.4	83.2	84.5	85.4	85.7	86.0	86.5	86.6
>=2500	51.8	77.2	81.4	84.2	85.5	86.5	86.8	87.1	87.6	87.6
>=2000	52.2	78.0	82.2	84.9	86.3	87.2	87.6	87.9	88.4	88.5
>=1800	52.3	78.7	83.1	85.7	87.0	88.1	88.4	88.7	89.2	89.2
>=1600	52.5	79.0	83.7	86.8	88.1	89.2	89.5	89.8	90.2	90.3
>=1400	52.6	79.7	84.7	87.6	89.0	90.2	90.5	90.9	91.3	91.4
>=1200	52.6	80.0	85.2	88.1	89.4	90.5	91.3	91.7	92.2	92.2
>=1000	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=900	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=800	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=700	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=600	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=500	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=400	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=300	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=200	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=100	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2
>=0	52.6	80.0	85.3	88.2	89.5	90.5	91.3	91.7	92.2	92.2

TOTAL NO. OF OPS : 1302

2 - CEILING VS VISTIRILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : DEC
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	35.3	49.6	52.6	54.5	55.3	55.4	55.6	55.8	55.8	56.1	56.4	56.5	57.0	57.0	57.0	57.0	57.4	58.1
>=20000	36.6	51.5	54.5	56.5	57.2	57.3	57.6	57.8	57.8	58.1	58.4	58.4	58.4	58.4	59.0	59.0	59.4	60.1
>=18000	36.6	51.8	54.8	56.7	57.5	57.5	57.8	58.1	58.1	58.4	58.7	58.8	58.8	58.8	59.3	59.3	59.7	60.4
>=16000	36.6	51.8	54.8	56.8	57.5	57.6	57.9	58.1	58.1	58.4	58.8	58.8	58.8	58.8	59.4	59.4	59.8	60.5
>=14000	37.1	52.6	55.6	57.5	58.3	58.4	58.7	58.9	58.9	59.2	59.5	59.6	59.6	59.6	60.2	60.2	60.6	61.4
>=12000	37.7	53.8	56.9	58.8	59.6	59.7	60.0	60.2	60.2	60.5	60.8	60.9	61.5	61.5	62.0	62.0	62.4	63.0
>=10000	38.6	55.2	58.4	60.3	61.1	61.1	61.4	61.7	61.7	62.0	62.3	62.4	63.0	63.0	63.5	63.5	64.3	64.7
>=9000	39.2	56.3	59.4	61.4	62.2	62.3	62.6	62.8	62.8	63.1	63.4	63.5	64.1	64.1	64.7	64.7	65.4	65.4
>=8000	40.2	57.8	61.1	63.1	63.9	64.0	64.3	64.6	64.6	64.9	65.2	65.3	65.9	65.9	66.4	66.4	67.2	67.2
>=7000	41.2	59.8	63.3	65.4	66.1	66.2	66.6	66.9	66.9	67.2	67.5	67.6	68.2	68.2	68.8	68.8	69.6	69.6
>=6000	42.2	61.3	64.8	67.0	67.7	67.8	68.2	68.5	68.5	68.8	69.2	69.3	69.9	69.9	70.5	70.5	71.3	71.3
>=5000	43.7	64.0	67.8	70.1	70.9	71.0	71.4	71.7	71.7	72.0	72.4	72.5	73.1	73.1	73.7	73.7	74.5	74.5
>=4500	44.2	65.2	69.0	71.5	72.3	72.4	72.8	73.1	73.1	73.4	73.8	73.9	74.5	74.5	75.1	75.1	75.9	75.9
>=4000	44.8	66.2	70.2	72.7	73.5	73.6	74.0	74.3	74.3	74.7	75.0	75.1	75.8	75.8	76.4	76.4	77.2	77.2
>=3500	45.6	67.3	71.3	73.8	74.7	74.7	75.3	75.6	75.6	75.9	76.3	76.3	77.0	77.0	77.6	77.6	78.4	78.4
>=3000	46.2	68.4	72.4	75.0	75.9	76.0	76.6	76.9	76.9	77.3	77.6	77.7	78.4	78.4	79.0	79.0	79.8	79.8
>=2500	46.8	69.7	74.0	76.8	77.6	77.7	78.4	78.7	78.7	79.1	79.5	79.6	80.3	80.3	80.9	80.9	81.6	81.6
>=2000	47.1	70.7	75.1	78.1	79.0	79.1	79.8	80.1	80.1	80.6	81.0	81.0	81.7	81.7	82.3	82.3	83.1	83.1
>=1800	47.3	71.1	75.5	78.5	79.4	79.6	80.3	80.6	80.6	81.0	81.4	81.5	82.2	82.2	82.8	82.8	83.6	83.6
>=1500	47.8	72.4	76.7	79.7	80.6	80.8	81.5	81.8	81.8	82.3	82.6	82.7	83.4	83.4	84.0	84.0	84.8	84.8
>=1200	48.2	73.2	77.6	80.6	81.6	81.7	82.4	82.7	82.7	83.2	83.6	83.6	84.3	84.3	84.9	84.9	85.7	85.7
>=1000	48.8	74.2	78.6	81.7	82.9	83.0	83.7	84.0	84.0	84.6	84.9	85.0	85.7	85.7	86.3	86.3	87.1	87.1
>=900	48.8	74.7	79.3	82.5	83.8	83.9	84.6	84.9	84.9	85.5	85.9	85.9	86.6	86.6	87.3	87.3	88.0	88.0
>=800	49.2	75.3	80.0	83.3	84.6	84.7	85.4	85.8	85.9	86.3	86.7	86.8	87.5	87.5	88.1	88.1	88.9	88.9
>=700	49.3	75.7	80.4	83.9	85.3	85.4	86.2	86.6	86.6	87.1	87.5	87.6	88.2	88.2	88.9	88.9	89.6	89.6
>=600	49.4	76.3	81.0	84.8	86.3	86.5	87.4	87.8	87.8	88.3	88.7	88.8	89.5	89.5	90.1	90.1	90.9	90.9
>=500	49.5	76.7	81.6	85.4	87.3	87.5	88.4	88.9	88.9	89.6	89.9	90.0	90.7	90.7	91.3	91.3	92.1	92.1
>=400	49.5	77.3	82.3	86.4	88.4	88.6	89.5	90.6	90.6	91.2	91.6	91.7	92.5	92.5	93.1	93.1	93.9	93.9
>=300	49.5	77.5	82.7	86.9	89.2	89.5	91.2	92.2	92.3	93.1	93.5	93.5	94.3	94.3	94.9	94.9	95.7	95.7
>=200	49.5	77.5	82.7	87.0	89.6	89.9	91.9	93.0	93.2	94.0	94.5	94.6	95.5	95.5	96.1	96.1	96.9	96.9
>=100	49.5	77.5	82.7	87.0	89.6	89.9	92.1	93.2	93.3	94.3	94.9	95.0	96.0	96.0	96.6	96.6	97.5	97.5
>=0	49.5	77.5	82.7	87.0	89.6	89.9	92.1	93.2	93.3	94.3	94.9	95.0	96.0	96.0	96.6	96.6	97.9	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1984
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : DEC
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	33.2	46.2	48.5	50.4	51.6	51.8	52.3	52.3	52.3	52.8	52.9	52.9	52.9	52.9	53.4	53.6
>=20000	34.5	48.0	50.7	52.6	53.8	54.1	54.6	54.6	54.6	55.1	55.3	55.3	55.3	55.3	55.8	56.0
>=18000	34.6	48.2	50.8	52.3	54.0	54.2	54.8	54.8	54.8	55.3	55.5	55.5	55.5	55.5	56.1	56.7
>=16000	34.9	48.5	51.3	53.2	54.5	54.7	55.2	55.2	55.2	55.8	55.9	55.9	55.9	55.9	56.6	57.1
>=14000	36.1	50.1	52.8	54.9	56.2	56.5	57.0	57.0	57.0	57.5	57.7	57.7	57.7	57.7	58.4	58.9
>=12000	36.8	51.8	54.6	56.7	58.1	58.3	58.8	58.8	58.8	59.4	59.5	59.5	59.5	59.5	60.2	60.8
>=10000	37.9	53.1	56.0	58.1	59.5	59.8	60.3	60.3	60.3	60.9	61.1	61.1	61.1	61.1	61.8	62.4
>= 9000	38.5	54.2	57.1	59.3	60.8	61.0	61.5	61.5	61.5	62.1	62.3	62.3	62.3	62.3	63.1	63.5
>= 8000	39.0	55.6	58.7	60.8	62.3	62.6	63.1	63.1	63.1	63.8	64.0	64.0	64.0	64.0	64.7	65.4
>= 7000	39.7	56.9	60.3	62.4	63.9	64.2	64.8	64.8	64.8	65.5	65.7	65.7	65.7	65.7	66.4	67.1
>= 6000	40.7	58.4	61.9	64.1	65.6	65.9	66.5	66.5	66.5	67.2	67.4	67.4	67.4	67.4	68.1	68.7
>= 5000	41.3	59.9	63.4	65.7	67.4	67.7	68.4	68.4	68.4	69.1	69.3	69.3	69.3	69.3	70.0	70.7
>= 4500	42.1	61.2	64.8	67.2	69.0	69.3	70.0	70.0	70.0	70.9	71.0	71.0	71.0	71.0	71.8	72.5
>= 4000	42.8	62.5	66.3	68.7	70.5	70.8	71.7	71.7	71.7	72.5	72.7	72.7	72.7	72.7	73.4	74.1
>= 3500	43.9	63.7	67.6	70.0	72.0	72.3	73.1	73.1	73.1	74.0	74.1	74.1	74.1	74.1	74.9	75.6
>= 3000	44.5	65.1	69.0	71.6	73.7	74.0	74.9	74.9	74.9	75.7	75.9	75.9	75.9	75.9	76.7	77.3
>= 2500	45.3	66.4	70.7	73.3	75.4	75.7	76.9	76.9	76.9	77.8	78.0	78.0	78.0	78.0	78.7	79.4
>= 2000	45.7	67.7	72.0	74.7	76.9	77.2	78.3	78.3	78.3	79.3	79.4	79.4	79.4	79.4	80.2	80.9
>= 1800	45.9	68.0	72.4	75.1	77.3	77.6	78.8	78.8	78.8	79.8	80.0	80.0	80.0	80.0	80.7	81.4
>= 1500	46.6	69.1	73.6	76.5	78.8	79.1	80.3	80.3	80.3	81.4	81.6	81.6	81.6	81.6	82.3	83.0
>= 1200	47.1	70.0	74.6	77.6	80.1	80.4	81.6	81.6	81.6	82.7	82.9	82.9	82.9	82.9	83.6	84.2
>= 1000	47.4	71.1	75.7	78.9	81.4	81.7	82.9	82.9	82.9	84.0	84.2	84.2	84.2	84.2	84.9	85.6
>= 900	47.4	71.9	76.4	79.7	82.3	82.6	83.9	83.9	83.9	85.0	85.2	85.2	85.2	85.2	85.9	86.6
>= 800	47.7	72.3	77.0	80.3	82.9	83.2	84.5	84.5	84.5	85.6	85.7	85.7	85.7	85.7	86.5	87.2
>= 700	47.9	73.2	78.0	81.4	84.0	84.3	85.6	85.6	85.6	86.7	86.9	86.9	86.9	86.9	87.7	88.4
>= 600	47.9	73.6	78.4	82.0	84.9	85.3	86.6	86.6	86.6	87.7	87.9	87.9	87.9	87.9	88.7	89.4
>= 500	48.0	74.3	79.3	83.1	86.2	86.6	88.2	88.2	88.2	89.3	89.5	89.5	89.5	89.5	90.3	91.0
>= 400	48.2	74.7	79.6	83.7	87.0	87.5	89.4	89.5	89.5	90.7	90.9	90.9	90.9	90.9	91.7	92.4
>= 300	48.2	74.9	80.0	84.3	87.8	88.3	90.6	90.9	90.9	92.4	92.6	92.6	92.6	92.6	93.8	94.6
>= 200	48.2	74.9	80.0	84.3	87.9	88.6	91.2	91.6	91.6	93.4	93.8	93.8	93.8	93.8	95.2	96.2
>= 100	48.2	74.9	80.0	84.3	88.0	88.6	91.4	91.7	91.7	93.9	94.5	94.5	94.5	94.5	96.0	97.3
>= 0	48.2	74.9	80.0	84.3	88.0	88.6	91.4	91.7	91.7	93.9	94.5	94.5	94.5	94.5	96.1	97.6

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

G13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
UNLIMIT	36.9	49.5	50.8	51.8	52.8	52.9	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
>=20000	39.6	53.1	54.8	55.9	56.9	57.0	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8
>=18000	39.9	53.5	55.1	56.3	57.3	57.4	57.9	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1
>=16000	40.2	53.9	55.7	56.8	57.8	57.9	58.4	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7
>=14000	41.2	54.9	56.7	57.8	58.8	58.9	59.5	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.8
>=12000	42.2	56.5	58.4	59.7	60.8	60.8	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7
>=10000	43.1	57.8	59.8	61.1	62.3	62.5	63.1	63.2	63.2	63.2	63.4	63.4	63.4	63.4	63.4	63.4
>= 9000	43.6	58.8	60.9	62.2	63.4	63.6	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4
>= 8000	44.3	59.8	62.0	63.4	64.7	65.1	65.7	65.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0
>= 7000	45.5	61.5	63.7	65.1	66.5	66.9	67.5	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8
>= 6000	46.6	63.2	65.4	67.0	68.5	68.9	69.7	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0
>= 5000	47.7	65.1	67.4	69.0	70.6	71.0	72.0	72.0	72.0	72.0	72.4	72.4	72.4	72.4	72.4	72.4
>= 4500	48.2	66.1	68.7	70.3	71.8	72.3	73.2	73.3	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6
>= 4000	49.0	67.1	69.7	71.4	72.9	73.3	74.3	74.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7
>= 3500	49.3	68.0	70.8	72.6	74.2	74.7	75.7	75.7	75.7	75.7	76.1	76.1	76.1	76.1	76.1	76.1
>= 3000	50.1	69.1	72.0	73.8	75.5	76.0	77.0	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4
>= 2500	50.7	70.3	73.3	75.1	76.8	77.4	78.5	78.6	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0
>= 2000	51.8	72.1	75.3	77.1	78.8	79.4	80.6	80.8	80.8	80.8	81.2	81.2	81.2	81.2	81.2	81.2
>= 1800	52.3	72.7	75.9	77.7	79.4	80.0	81.3	81.5	81.5	81.5	81.9	81.9	81.9	81.9	81.9	81.9
>= 1500	53.0	73.9	77.3	79.1	80.8	81.4	82.6	82.9	82.9	82.9	83.4	83.4	83.4	83.4	83.4	83.4
>= 1200	53.7	75.0	78.5	80.5	82.3	82.9	84.3	84.6	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.1
>= 1000	54.4	76.2	80.0	82.1	84.3	84.9	86.3	86.6	86.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1
>= 900	54.5	76.7	80.6	82.8	85.0	85.6	87.0	87.4	87.4	87.4	87.9	87.9	87.9	87.9	87.9	87.9
>= 800	54.6	77.2	81.3	83.6	86.1	86.7	88.1	88.5	88.5	88.5	88.9	88.9	88.9	88.9	88.9	88.9
>= 700	54.6	77.6	82.0	84.6	87.3	87.9	89.2	89.6	89.6	89.6	90.1	90.1	90.1	90.1	90.1	90.1
>= 600	54.7	78.1	82.8	85.5	88.5	89.2	90.4	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7
>= 500	55.0	78.7	83.6	86.6	89.8	90.6	92.2	92.7	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2
>= 400	55.0	79.0	84.1	87.3	90.8	91.8	93.8	94.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	94.9
>= 300	55.0	79.0	84.2	87.6	91.3	92.6	95.5	96.4	96.4	96.4	97.3	97.5	97.5	97.6	97.7	97.7
>= 200	55.0	79.0	84.2	87.6	91.4	92.7	96.0	96.9	97.0	97.0	98.3	98.6	98.6	98.8	98.9	99.3
>= 100	55.0	79.0	84.2	87.6	91.4	92.7	96.0	96.9	97.0	97.0	98.4	98.7	98.7	98.9	99.0	99.6
>= 0	55.1	79.1	84.3	87.7	91.5	92.8	96.1	97.0	97.1	97.1	98.5	98.8	98.8	99.0	99.4	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
MONTH : DEC
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	43.9	52.9	53.5	53.5	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
>=20000	47.1	57.3	57.9	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=18000	47.3	57.5	58.2	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=16000	47.7	58.1	58.8	58.8	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=14000	48.7	59.3	60.0	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=12000	49.2	60.3	61.1	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=10000	50.8	62.4	63.2	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=9000	51.4	63.4	64.4	64.5	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>=8000	52.7	65.2	66.4	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=7000	53.5	66.7	67.9	68.0	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>=6000	54.2	67.8	69.2	69.4	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=5000	55.5	69.9	71.4	71.7	72.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>=4500	55.8	70.6	72.0	72.4	73.2	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>=4000	57.0	72.3	73.7	74.1	75.0	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>=3500	58.3	74.0	75.6	76.0	76.9	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>=3000	60.1	76.3	78.0	78.4	79.5	79.6	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>=2500	61.2	78.3	80.1	80.6	81.7	81.9	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>=2000	62.6	80.3	82.3	82.8	83.9	84.0	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>=1800	63.2	81.7	83.7	84.3	85.3	85.5	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>=1500	64.1	83.8	85.8	86.4	87.5	87.6	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>=1200	64.8	85.3	87.4	88.0	89.1	89.2	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>=1000	65.3	86.2	88.3	89.1	90.2	90.4	91.0	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=900	65.6	86.7	88.9	89.9	91.1	91.2	91.9	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=800	65.7	87.3	89.5	90.7	92.0	92.2	93.0	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>=700	66.0	87.6	89.8	91.0	92.5	92.9	93.9	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3
>=600	66.0	88.0	90.4	91.9	93.7	94.0	95.2	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>=500	66.0	88.2	90.6	92.3	94.2	94.7	96.1	96.5	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>=400	66.1	88.4	90.9	92.7	94.9	95.5	97.0	97.4	97.4	97.9	98.1	98.2	98.2	98.2	98.2	98.2
>=300	66.1	88.5	91.1	93.0	95.2	95.9	97.5	98.0	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9
>=200	66.1	88.5	91.1	93.1	95.3	96.1	97.8	98.5	98.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8
>=100	66.1	88.5	91.1	93.1	95.3	96.1	97.8	98.5	98.5	99.5	99.7	99.7	99.8	99.8	99.9	100.0
>= 0	66.1	88.5	91.1	93.1	95.3	96.1	97.8	98.5	98.5	99.5	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
HOUR : 1600 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2
UNLIMIT	43.9	54.3	55.1	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=20000	49.1	60.4	61.3	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=18000	49.4	60.7	61.7	62.0	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>=16000	49.5	61.1	62.1	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>=14000	50.9	62.7	63.7	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=12000	52.3	64.4	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>=10000	53.1	65.7	66.8	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>=9000	53.8	66.5	67.6	68.0	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=8000	54.8	67.7	68.7	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=7000	56.4	70.5	71.6	72.2	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=6000	57.3	72.0	73.2	73.9	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>=5000	58.7	73.7	75.0	75.8	76.4	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=4500	59.3	74.3	75.7	76.7	77.3	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>=4000	60.2	75.7	77.1	78.2	78.9	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>=3500	61.5	77.3	78.8	79.9	80.6	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>=3000	62.4	79.3	81.0	82.2	83.0	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
>=2500	63.4	81.2	82.8	84.0	85.1	85.5	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>=2000	64.3	82.7	84.4	85.6	86.8	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
>=1800	64.8	83.5	85.3	86.5	87.6	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=1500	65.8	84.6	86.3	87.6	88.7	89.1	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>=1200	66.3	85.6	87.5	88.9	90.2	90.6	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>=1000	66.6	86.7	88.7	90.2	91.6	92.0	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>=900	66.7	86.9	89.0	90.5	92.2	92.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=800	66.7	87.2	89.4	90.9	92.8	93.2	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=700	66.8	87.5	89.8	91.5	93.5	94.0	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>=600	66.9	87.7	90.1	91.9	94.3	94.9	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=500	67.0	88.1	90.6	92.6	95.2	95.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=400	67.0	88.1	90.6	92.6	95.2	95.9	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=300	67.0	88.1	90.6	92.6	95.4	96.2	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>=200	67.0	88.2	90.7	92.7	95.5	96.3	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=100	67.0	88.2	90.7	92.7	95.5	96.3	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=0	67.0	88.2	90.7	92.7	95.5	96.3	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
 MONTH : DEC
 HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=1/8	>=0
UNLIMIT	42.9	56.0	57.1	57.6	58.2	58.2	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.6	58.6
>=20000	45.9	60.0	61.1	61.7	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.7	62.7	62.7	62.7	62.7
>=18000	46.4	60.5	61.7	62.3	62.9	62.9	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3
>=16000	46.5	60.7	61.8	62.4	63.1	63.1	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=14000	47.4	62.1	63.2	63.8	64.4	64.4	64.6	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8
>=12000	48.5	63.4	64.7	65.3	66.0	66.0	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>=10000	49.2	64.6	65.8	66.4	67.1	67.1	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6
>=9000	50.1	65.8	67.1	67.7	68.4	68.4	68.7	68.7	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9
>=8000	51.4	67.5	68.8	69.4	70.1	70.1	70.4	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7
>=7000	52.8	69.7	71.0	71.9	72.7	72.7	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>=6000	53.3	71.2	72.6	73.6	74.3	74.3	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
>=5000	54.4	73.7	75.0	76.1	77.0	77.0	77.4	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
>=4500	55.6	75.3	77.0	78.0	78.9	78.9	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>=4000	56.2	76.3	78.0	79.1	80.0	80.0	80.6	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9
>=3500	56.8	77.1	79.0	80.2	81.1	81.2	81.6	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0
>=3000	57.5	78.8	80.6	81.9	82.8	82.9	83.4	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7
>=2500	58.3	80.3	82.2	83.4	84.5	84.5	85.1	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4
>=2000	58.9	81.8	83.7	84.9	86.0	86.1	86.7	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0
>=1800	59.1	82.5	84.4	85.6	86.7	86.8	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7
>=1500	59.8	83.3	85.3	86.6	87.7	87.8	88.4	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7
>=1200	60.4	84.5	86.6	87.9	89.0	89.1	89.7	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0
>=1000	60.4	84.9	87.0	88.3	89.4	89.5	90.1	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4
>=900	60.8	85.7	88.0	89.4	90.6	90.8	91.5	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8
>=800	61.0	85.9	88.2	89.6	90.9	91.1	91.9	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
>=700	61.1	86.3	88.9	90.4	91.9	92.0	92.9	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=600	61.1	86.5	89.2	90.9	92.4	92.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=500	61.1	86.7	89.6	91.2	92.9	93.1	94.1	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6
>=400	61.1	87.2	90.2	92.3	94.2	94.4	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=300	61.2	87.3	90.5	92.7	94.9	95.2	97.0	97.7	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4
>=200	61.2	87.3	90.5	92.7	94.9	95.3	97.2	98.0	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3
>=100	61.2	87.3	90.5	92.7	94.9	95.3	97.2	98.0	98.8	99.1	99.1	99.8	99.8	99.9	99.9	99.9
>= 0	61.2	87.3	90.5	92.7	94.9	95.3	97.2	98.0	98.8	99.1	99.1	99.8	99.8	99.9	99.9	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

013880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																	
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	39.8	54.1	56.2	57.5	58.0	58.1	58.5	58.8	58.8	58.8	59.2	59.4	59.4	59.4	59.6	59.6	59.9	60.1
>=20000	41.9	57.1	59.3	60.6	61.1	61.2	61.7	62.0	62.0	62.0	62.4	62.6	62.6	62.6	62.7	62.7	63.1	63.3
>=18000	42.1	57.2	59.4	60.8	61.3	61.4	61.8	62.1	62.1	62.1	62.6	62.8	62.8	62.8	63.0	63.0	63.4	63.5
>=16000	42.3	57.5	59.6	61.1	61.6	61.7	62.1	62.4	62.4	62.4	62.9	63.1	63.1	63.1	63.3	63.3	63.7	63.8
>=14000	43.2	59.0	61.2	62.7	63.4	63.4	63.9	64.3	64.3	64.3	64.7	65.0	65.0	65.0	65.1	65.1	65.5	65.7
>=12000	44.3	60.9	63.2	64.8	65.4	65.5	66.0	66.4	66.4	66.4	66.8	67.1	67.1	67.1	67.2	67.2	67.6	67.7
>=10000	45.4	62.5	64.9	66.5	67.1	67.2	67.7	68.0	68.0	68.0	68.5	68.7	68.7	68.7	68.9	68.9	69.3	69.4
>=9000	46.2	63.7	66.1	67.8	68.4	68.5	69.0	69.4	69.4	69.4	69.8	70.0	70.0	70.0	70.2	70.2	70.6	70.7
>=8000	47.2	65.0	67.5	69.3	69.9	70.0	70.5	70.9	70.9	70.9	71.4	71.6	71.6	71.6	71.7	71.7	72.1	72.3
>=7000	48.2	66.7	69.4	71.1	71.7	71.9	72.4	72.8	72.8	72.8	73.3	73.6	73.6	73.6	73.7	73.7	74.1	74.3
>=6000	49.3	69.0	71.8	73.8	74.4	74.6	75.2	75.6	75.6	75.6	76.1	76.3	76.3	76.3	76.5	76.5	76.9	77.0
>=5000	50.2	70.7	73.7	75.7	76.6	76.7	77.3	77.7	77.7	77.7	78.3	78.5	78.5	78.5	78.6	78.6	79.0	79.2
>=4500	50.8	71.7	74.6	76.9	77.7	77.9	78.5	78.9	78.9	78.9	79.4	79.6	79.6	79.6	79.8	79.8	80.2	80.3
>=4000	51.8	72.9	76.0	78.3	79.1	79.3	79.9	80.3	80.3	80.3	80.8	81.0	81.0	81.0	81.2	81.2	81.6	81.7
>=3500	51.8	73.4	76.5	78.8	79.6	79.8	80.4	80.9	80.9	80.9	81.4	81.6	81.6	81.6	81.8	81.8	82.2	82.3
>=3000	52.2	74.6	77.6	80.0	80.9	81.0	81.7	82.3	82.3	82.3	82.8	83.0	83.0	83.0	83.3	83.3	83.6	83.8
>=2500	52.9	75.5	78.6	81.3	82.1	82.3	83.1	83.6	83.6	83.6	84.2	84.6	84.6	84.6	84.8	84.8	85.2	85.3
>=2000	53.4	76.8	80.0	82.6	83.5	83.6	84.7	85.3	85.3	85.3	85.8	86.2	86.2	86.2	86.4	86.4	86.8	86.9
>=1800	53.9	77.6	80.8	83.4	84.3	84.5	85.6	86.1	86.1	86.1	86.6	87.0	87.0	87.0	87.3	87.3	87.6	87.8
>=1500	54.3	78.1	81.4	84.1	85.0	85.2	86.3	86.9	86.9	86.9	87.4	87.8	87.8	87.8	88.0	88.0	88.4	88.6
>=1200	54.8	79.1	82.4	85.1	86.0	86.2	87.3	87.9	87.9	87.9	88.5	88.9	88.9	88.9	89.1	89.1	89.5	89.6
>=1000	54.9	79.3	82.7	85.4	86.3	86.5	87.6	88.2	88.2	88.2	88.9	89.2	89.2	89.2	89.5	89.5	89.9	90.0
>=900	55.1	79.8	83.3	85.9	86.9	87.1	88.3	88.9	88.9	88.9	89.6	89.9	89.9	89.9	90.2	90.2	90.6	90.7
>=800	55.4	80.8	84.4	87.2	88.2	88.3	89.6	90.2	90.2	90.2	90.8	91.2	91.2	91.2	91.4	91.4	91.8	91.9
>=700	55.5	81.1	84.9	87.8	88.8	88.9	90.2	90.9	90.9	90.9	91.5	91.9	91.9	91.9	92.1	92.1	92.5	92.6
>=600	55.5	81.6	85.7	88.6	89.8	89.9	91.3	91.9	91.9	91.9	92.5	92.9	92.9	92.9	93.2	93.2	93.5	93.7
>=500	55.5	82.0	86.3	89.4	90.8	90.9	92.4	93.1	93.1	93.1	93.7	94.1	94.1	94.1	94.3	94.3	94.7	94.9
>=400	55.5	82.3	86.7	90.2	91.7	91.9	93.4	94.1	94.1	94.1	94.8	95.2	95.2	95.2	95.4	95.4	95.9	96.0
>=300	55.5	82.4	86.8	90.3	92.0	92.4	94.1	94.9	94.9	94.9	95.6	96.0	96.0	96.0	96.2	96.3	96.7	96.9
>=200	55.5	82.4	86.8	90.4	92.3	92.7	94.6	95.7	95.7	95.7	96.9	97.4	97.4	97.5	97.8	97.9	98.4	98.7
>=100	55.5	82.4	86.8	90.4	92.3	92.7	94.6	95.7	95.7	95.7	97.0	97.6	97.6	97.7	98.2	98.3	99.1	99.5
>=0	55.5	82.4	86.8	90.4	92.3	92.7	94.6	95.7	95.7	95.7	97.0	97.6	97.6	97.7	98.2	98.4	99.4	100.0

TOTAL NO. OF OBS : 1302

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : DEC
 HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	39.2	51.9	53.6	54.7	55.4	55.4	55.7	55.8	55.8	56.1	56.2	56.2	56.2	56.2	56.4	56.4	56.6	56.9
>=20000	41.8	55.3	57.1	58.2	59.0	59.0	59.3	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.9	60.0	60.2	60.6
>=18000	42.0	55.5	57.3	58.5	59.2	59.3	59.6	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.3	60.3	60.5	60.9
>=16000	42.2	55.8	57.7	58.8	59.5	59.6	59.9	60.0	60.0	60.3	60.4	60.4	60.4	60.4	60.6	60.6	60.9	61.2
>=14000	43.1	57.1	58.9	60.1	60.9	60.9	61.3	61.4	61.4	61.6	61.8	61.8	61.8	61.8	62.0	62.0	62.2	62.6
>=12000	44.0	58.5	60.5	61.7	62.5	62.5	62.9	63.0	63.0	63.2	63.4	63.4	63.4	63.4	63.6	63.6	63.8	64.2
>=10000	45.0	60.0	62.0	63.3	64.1	64.1	64.5	64.7	64.7	64.9	65.0	65.0	65.0	65.0	65.2	65.3	65.5	65.9
>=9000	45.7	61.0	63.1	64.4	65.2	65.3	65.7	65.8	65.8	66.0	66.2	66.2	66.2	66.2	66.4	66.4	66.7	67.1
>=8000	46.6	62.5	64.6	66.0	66.8	67.0	67.3	67.5	67.5	67.7	67.9	67.9	67.9	67.9	68.1	68.1	68.4	68.7
>=7000	47.8	64.4	66.6	68.0	68.9	69.1	69.5	69.6	69.6	69.9	70.0	70.0	70.0	70.1	70.2	70.3	70.6	70.9
>=6000	48.7	66.0	68.3	69.8	70.8	70.9	71.4	71.5	71.5	71.8	72.0	72.0	72.0	72.0	72.2	72.2	72.5	72.9
>=5000	49.8	68.0	70.5	72.1	73.1	73.3	73.8	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.6	74.6	74.9	75.3
>=4500	50.5	69.0	71.6	73.3	74.4	74.6	75.1	75.3	75.3	75.6	75.7	75.7	75.7	75.7	75.9	76.0	76.3	76.6
>=4000	51.3	70.2	72.9	74.7	75.9	76.0	76.5	76.7	76.7	77.0	77.1	77.1	77.1	77.2	77.4	77.4	77.7	78.1
>=3500	52.1	71.4	74.2	76.0	77.1	77.3	77.9	78.0	78.0	78.4	78.5	78.5	78.5	78.5	78.7	78.8	79.1	79.4
>=3000	52.8	72.9	75.7	77.6	78.8	79.0	79.6	79.8	79.8	80.1	80.3	80.3	80.3	80.3	80.5	80.6	80.9	81.2
>=2500	53.6	74.3	77.3	79.2	80.5	80.7	81.4	81.6	81.6	82.0	82.2	82.2	82.2	82.2	82.4	82.5	82.7	83.1
>=2000	54.3	75.7	78.8	80.8	82.1	82.3	83.1	83.3	83.3	83.7	83.8	83.8	83.8	83.8	84.1	84.1	84.4	84.8
>=1800	54.6	76.4	79.5	81.5	82.8	83.0	83.8	84.1	84.1	84.4	84.6	84.6	84.6	84.6	84.8	84.9	85.2	85.5
>=1500	55.3	77.6	80.8	82.8	84.1	84.3	85.2	85.4	85.4	85.8	86.0	86.0	86.0	86.0	86.2	86.3	86.5	86.9
>=1200	55.8	78.6	81.9	84.0	85.4	85.6	86.4	86.7	86.7	87.1	87.3	87.3	87.3	87.3	87.5	87.6	87.9	88.2
>=1000	56.2	79.5	82.8	85.0	86.5	86.7	87.6	87.8	87.9	88.3	88.4	88.4	88.4	88.5	88.7	88.7	89.0	89.4
>=900	56.4	80.0	83.5	85.7	87.3	87.5	88.5	88.7	88.7	89.2	89.3	89.3	89.3	89.4	89.6	89.6	89.9	90.3
>=800	56.6	80.5	84.1	86.4	88.1	88.3	89.3	89.6	89.6	90.0	90.1	90.1	90.1	90.2	90.4	90.4	90.7	91.1
>=700	56.7	81.0	84.6	87.1	88.8	89.1	90.1	90.4	90.4	90.9	91.0	91.0	91.0	91.0	91.3	91.3	91.6	92.0
>=600	56.7	81.4	85.2	87.8	89.7	90.1	91.2	91.6	91.6	92.0	92.2	92.2	92.2	92.2	92.4	92.5	92.8	93.1
>=500	56.8	81.7	85.7	88.5	90.6	91.0	92.3	92.6	92.6	93.1	93.3	93.3	93.3	93.3	93.6	93.6	93.9	94.3
>=400	56.9	82.1	86.2	89.2	91.5	91.9	93.4	93.9	93.9	94.5	94.7	94.7	94.7	94.7	94.9	95.0	95.3	95.7
>=300	56.9	82.2	86.4	89.6	92.1	92.7	94.6	95.3	95.3	96.1	96.4	96.4	96.4	96.4	96.7	96.7	97.1	97.4
>=200	56.9	82.2	86.4	89.6	92.3	92.9	95.0	95.9	95.9	97.0	97.3	97.3	97.3	97.4	97.8	97.9	98.3	98.7
>=100	56.9	82.2	86.4	89.6	92.3	92.9	95.1	95.9	96.0	97.1	97.5	97.5	97.5	97.6	98.1	98.2	98.9	99.4
>=0	56.9	82.2	86.4	89.6	92.3	93.0	95.1	95.9	96.0	97.1	97.5	97.5	97.5	97.6	98.1	98.3	99.0	100.0

TOTAL NO. OF OBS : 10416

2 - CEILING VS VISIBILITY

U13880 : CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=0
UNLIMIT	38.3	53.9	56.1	57.5	58.3	58.5	58.9	59.0	59.0	59.2
>=20000	41.7	59.0	61.6	62.9	63.8	64.0	64.4	64.5	64.6	64.7
>=18000	41.9	59.3	61.8	63.2	64.1	64.3	64.7	64.8	64.9	65.0
>=16000	42.2	59.6	62.1	63.5	64.4	64.6	65.0	65.2	65.4	65.5
>=14000	43.2	61.1	63.6	65.1	66.1	66.2	66.7	66.8	66.8	67.0
>=12000	44.5	63.1	65.8	67.3	68.3	68.5	69.0	69.1	69.1	69.3
>=10000	45.6	65.0	67.8	69.4	70.4	70.6	71.1	71.3	71.3	71.5
>=9000	46.1	66.0	68.8	70.5	71.5	71.7	72.2	72.4	72.4	72.6
>=8000	46.8	67.3	70.2	71.9	73.0	73.2	73.7	73.9	73.9	74.1
>=7000	47.5	68.6	71.6	73.4	74.5	74.7	75.2	75.4	75.4	75.6
>=6000	48.1	69.6	72.7	74.5	75.7	75.9	76.5	76.6	76.6	76.8
>=5000	48.9	71.0	74.2	76.1	77.3	77.5	78.1	78.2	78.3	78.5
>=4500	49.4	71.9	75.1	77.0	78.2	78.5	79.1	79.2	79.3	79.5
>=4000	50.0	72.9	76.2	78.2	79.4	79.7	80.3	80.5	80.5	80.7
>=3500	50.8	74.1	77.4	79.5	80.8	81.0	81.6	81.8	81.8	82.1
>=3000	51.8	75.8	79.3	81.4	82.7	83.0	83.6	83.8	83.9	84.1
>=2500	52.8	77.5	81.1	83.3	84.7	85.0	85.7	85.9	86.2	86.3
>=2000	53.7	79.0	82.7	85.0	86.5	86.8	87.5	87.7	87.8	88.0
>=1800	53.9	79.5	82.3	85.6	87.1	87.4	88.2	88.4	88.4	88.7
>=1500	54.4	80.5	84.4	86.8	88.4	88.7	89.5	89.7	89.7	90.0
>=1200	54.9	81.5	85.5	87.9	89.6	89.9	90.7	91.0	91.0	91.3
>=1000	55.1	82.2	86.3	88.8	90.5	90.9	91.7	92.0	92.1	92.4
>=900	55.2	82.6	86.8	89.3	91.1	91.5	92.4	92.7	92.7	93.0
>=800	55.3	83.0	87.2	89.9	91.7	92.1	93.0	93.4	93.4	93.7
>=700	55.4	83.3	87.6	90.3	92.2	92.6	93.6	94.0	94.0	94.3
>=600	55.5	83.5	88.0	90.8	92.8	93.2	94.4	94.7	94.7	95.1
>=500	55.5	83.8	88.3	91.3	93.4	93.9	95.1	95.5	95.6	95.9
>=400	55.5	83.9	88.6	91.6	93.9	94.4	95.8	96.3	96.4	96.7
>=300	55.5	84.0	88.7	91.9	94.2	94.8	96.4	97.0	97.1	97.6
>=200	55.5	84.0	88.7	91.9	94.3	94.9	96.6	97.3	97.4	98.1
>=100	55.5	84.0	88.7	91.9	94.3	95.0	96.7	97.4	97.4	98.4
>=0	55.5	84.0	88.7	91.9	94.3	95.0	96.7	97.4	97.4	98.5

TOTAL NO. OF OBS : 122685

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN PAGE 1

[illegible]

U13880 CHARLESTON, SC
PERIOD OF RECD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
PAGE 2

DRY-BULB 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL OBS
TEMP. (DEG F) W.B. D.B./ DRY WET DEW
W.B. BULB BULB PT.

TOTAL 8.8 32.6 20.1 14.3 9.4 6.3 4.4 2.5 1.1 .3 .1 .0* .0 .0 .0 .0 .0 10412 10412 10412

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS

19 - REL HUM 741624. 57533684. 71.2 21.269 17412
15 - DRY BULB 495917. 25184773. 47.6 12.259 10412
16 - WET BULB 451042. 20953520. 43.3 11.657 10412
17 - DEW PT. 389955. 16919629. 37.5 14.911 17412

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL
.0 .0 86.7 46.6 13.7 .6 .0 744
.3 140.9 5.2 .1 .0 .0 744
4.6 281.8 .4 .0 .0 .0 744

LRY-RULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-9	% FREQ.	TEMPERATURE DEPRESSION (DEG F)										23-24	25-26	27-28	29-30	> 30	TOTAL O.B./ W.B.	TOTAL OBS		
							WET	BULB	11-12	13-14	15-16	17-18	19-20	21-22	22-23	24-25							DRY	WET	BULB
> 95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0				
> 83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0				
> 81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0	0				
> 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0				
> 77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0				
> 75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61	0	0				
> 73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	96	0	0				
> 71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	140	0	0				
> 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	200	17	0				
> 67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	249	48	0				
> 65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	348	164	63				
> 63	2	1.3	0.9	0.4	0.2	0.4	0.2	0.2	0.1	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	396	276	124				
> 61	3	1.8	0.9	0.5	0.3	0.6	0.3	0.3	0.2	0.3	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	495	398	286				
> 59	5	1.8	0.9	0.4	0.4	0.5	0.4	0.4	0.2	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	519	465	377				
> 57	5	1.4	0.9	0.5	0.6	0.5	0.4	0.4	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0	493	464	356				
> 55	5	1.4	0.9	0.6	0.8	0.6	0.5	0.4	0.1	0.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0	508	383	309				
> 53	3	1.2	0.8	0.7	0.9	0.7	0.6	0.5	0.2	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	480	401	350				
> 51	5	1.5	0.9	0.7	0.7	0.7	0.6	0.5	0.2	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	533	460	366				
> 49	5	1.5	0.9	0.9	0.9	0.7	0.6	0.5	0.2	0.5	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0	566	554	409				
> 47	4	1.7	1.1	1.1	1.1	0.8	0.7	0.5	0.3	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	554	521	328				
> 45	4	2.1	1.3	0.8	0.8	0.7	0.5	0.5	0.3	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	586	634	380				
> 43	3	1.7	1.1	0.9	0.9	0.7	0.5	0.4	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	513	635	401				
> 41	4	1.3	1.0	0.9	0.9	0.5	0.4	0.4	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	439	610	467				
> 39	2	1.6	1.0	0.9	0.9	0.6	0.4	0.4	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	446	553	413				
> 37	3	1.7	0.9	0.8	0.8	0.5	0.4	0.4	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	407	577	465				
> 35	3	1.5	0.8	0.6	0.6	0.4	0.3	0.3	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	340	492	503				
> 33	2	1.1	0.8	0.5	0.5	0.4	0.3	0.3	0.2	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	283	427	483				
> 31	3	1.2	0.6	0.3	0.3	0.2	0.2	0.2	0.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	199	392	468				
> 29	1	0.9	0.6	0.5	0.5	0.3	0.2	0.2	0.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	141	337	448				
> 27	1	0.6	0.5	0.3	0.3	0.2	0.2	0.2	0.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	87	226	369				
> 25	1	0.4	0.3	0.1	0.1	0.2	0.2	0.2	0.1	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	50	187	373				
> 23	0	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	27	61	250				
> 21	0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	13	34	233				
> 19	0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	2	18	204				
> 17	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	2	4	179				
> 15	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	1	2	147				
> 13	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	1	2	103				
> 11	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	96				
> 9	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	75				
> 7	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	44				
> 5	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	24				
> 3	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	9				
> 1	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	7				
> -1	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	6				
> -3	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	5				
> -5	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	1				
> -7	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	0				
> -9	0	0	0	0	0	0	0	0	0	0.6	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0	0	0	0				

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB PAGE : 2

JURY-BULB	% FREQ.	WET BULB	TEMPERATURE DEPRESSION (DEG F)	TOTAL	TOTAL OBS																
TEMP.	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./	DRY	WET	DEM
(DEG F)																			PULB	BULB	P.T.

[illegible]

ELEMENTIX)		SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.					
							<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	TOTAL
28	- REL HUM	650660.	49258012.	68.6	22.019	5484						672
15	- DRY BULB	474061.	25070209.	50.0	12.038	5484						672
16	- WET BULB	426085.	20310757.	44.9	11.127	9484						672
17	- DEW PT.	365099.	16020263.	38.5	14.401	9485						672
							0	54.6	57.2	15.4	1.0	0
							3		4.6			0
							1.4	235.1	.5			0

REL HUM	650663.	49258012.	66.6	22.049	9484
28 - REL HUM	650663.	49258012.	66.6	22.049	9484
15 - DRY BULB	474061.	26070209.	50.0	12.036	9484
16 - WET BULB	426085.	20315757.	44.9	11.127	9484
17 - DEW PT.	365099.	16020263.	36.5	14.401	9485

U 13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELFV. : 46 FT
MONTH : MAR PAGE : 1

RAY-EULB
TEMP.
(DEG F)

* FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)

TOTAL	100.00
D.E./	100.00
W.B.	100.00

TOTAL OBS

[illegible]

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MCNTH : MAR PAGE 2

DRY-BULB TEMP. (DEG F)	WET BULB TEMPERATURE (DEG F)		DEPRESSION (DEG F)				TOTAL W.B.	TOTAL OBS												
	7-8	9-10	11-12	13-14	15-16	17-18		19-20	21-22	23-24	25-26	27-28	29-30	> 30	DRY BULB	WET BULB	DEW PT.			
0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	0.8.7	10411	10412	10413
5.4	28.2	17.0	12.0	10.1	8.2	6.8	5.1	3.6	2.3	.9	.3	.1	.0*	.0*	.0*	.0	10411	10411	10412	10413

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# ORS	<=0 F	<=32 F	>67 F	>73 F	>80 F	>93 F	TOTAL
28 - REL HUM	71393C.	54246438.	68.6	22.549	1C412	.0	13.1	144.3	55.0	13.6	.0	744
15 - DRY BULB	588535.	34617941.	56.5	11.379	1C411	.0	31.2	26.9	.4	.0	.0	744
16 - WET BULB	276066.	27806264.	50.7	10.154	1C413	.2	26.9	.4	.0	.0	.0	744
17 - DEW PT.	464056.	22517362.	44.6	13.275	1C411	.1	156.6	4.4	.0	.0	.0	744

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# ORS	<=0 F	<=32 F	>67 F	>73 F	>80 F	>93 F	TOTAL
28 - REL HUM	71393C.	54246438.	68.6	22.549	1C412	.0	13.1	144.3	55.0	13.6	.0	744
15 - DRY BULB	588535.	34617941.	56.5	11.379	1C411	.0	31.2	26.9	.4	.0	.0	744
16 - WET BULB	527606.	27806264.	50.7	10.154	1C413	.2	26.9	.4	.0	.0	.0	744
17 - DEW PT.	464056.	22517362.	44.6	13.275	1C411	.1	156.6	4.4	.0	.0	.0	744

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# ORS	<=0 F	<=32 F	4D	- MEAN NO. OF HOURS WITH TEMP.	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	71393C.	54246438.	68.6	22.549	1C412	.0	13.1	144.3	55.0	13.6	.0	.0	.0	744
15 - DRY BULB	588535.	34617941.	56.5	11.379	1C411	.0	31.2	26.9	.4	.0	.0	.0	.0	744
16 - WET BULB	276062.	27806264.	50.7	10.154	1C413	.2	26.9	.4	.0	.0	.0	.0	.0	744
17 - DEW PT.	464056.	22517362.	44.6	13.275	1C411	.1	156.6	4.4	.0	.0	.0	.0	.0	744

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# ORS	<=0 F	>=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	71393C.	54246438.	68.6	22.549	1C412	.0	13.1	144.3	55.0	13.6	.0	744
15 - DRY BULB	588535.	34617941.	56.5	11.379	1C411	.0	31.2	26.9	.4	.0	.0	744
16 - WET BULB	276062.	27806264.	50.7	10.154	1C413	.2	26.9	.4	.0	.0	.0	744
17 - DEW PT.	464056.	22517362.	44.6	13.275	1C411	.1	156.6	4.4	.0	.0	.0	744

U13880 CHARLESTON, SC
PERIOD OF RECCD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
PAGE : 1

CRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL		
																		D.B./ W.B.	DRY BULB	WET BULB
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	46	46	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	83	83	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	106	106	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	192	192	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	303	303	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	371	371	1
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	428	428	2
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	433	433	44
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	552	552	149
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	770	770	388
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	906	906	753
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	934	934	919
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	809	809	1083
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	819	819	958
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	627	627	902
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	493	493	772
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	469	469	721
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	407	407	655
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	327	327	574
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	295	295	544
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	170	170	344
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	123	123	299
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80	80	199
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	49	49	122
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	80
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	40
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	26
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	8
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	103
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	73
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	49
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	28
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	21
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	13
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	6
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	3
TOTAL	4.1	26.0	17.3	10.8	8.3	6.2	5.0	6.0	4.5	2.3	1.6	1.0	.3	.1	.0	.0	.0	10079	10079	10079

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.				TOTAL
						<=0 F	<=32 F	>=67 F	>=73 F	>=80 F
28 - REL HUM	697134.	52938340.	69.2	21.641	10079	.0	.1	301.3	142.2	.0
15 - DRY BULB	647246.	42553558.	64.2	9.907	10079	.0	.1	95.5	3.4	.0
16 - WET BULB	580534.	34112058.	57.6	8.179	10079	.0	.1	25.9	.1	.0
17 - DEW PT.	526464.	28676550.	52.2	10.809	10079	.0	.1	40.4	.1	.0

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
PAGE 1

URY-SULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL OBS		
																		TOTAL W.B.	0.8./ BULB	WET DEW PT.
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	60	60	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	93	93	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	181	181	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	261	261	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	409	409	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	541	541	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	638	638	4
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	635	635	42
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	790	790	234
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	853	853	652
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1051	1051	1156
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1102	1102	1450
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	992	992	1502
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	776	776	1349
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	517	517	1036
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	401	401	762
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	346	346	635
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	248	248	496
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	188	188	361
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	121	121	303
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	83	83	189
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	39	39	115
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	26	26	69
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	35
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	13
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
TOTAL	4.6	26.7	18.5	11.4	8.7	8.8	6.8	5.4	3.9	2.6	1.5	.8	.3	.1	.0	.0	.0	10409	10409	10409

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OPS	40 - MEAN NO. OF HOURS WITH TEMP.							TOTAL
						<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F		
28 - REL HUM	767396.	60288160.	73.7	18.866	10409	.0	.0	546.9	322.1	136.1	3.2	744	
15 - DRY BULB	743593.	53868661.	71.4	8.479	10409	.0	.0	360.2	66.6	.1	.0	744	
16 - WET BULB	678733.	44656895.	65.2	6.226	10410	.4	.4	215.8	10.6	.0	.0	744	
17 - DEW PT.	639453.	30886089.	61.4	7.610	10409	.0	.9						

2 - PSYCHROMETRIC SUMMARY

U13890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
PAGE 1

LRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL			TOTAL OBS		
																		D.B./			DRY WET DEW		
																		W.B.			BULB BULB PT.		
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	0	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	7	0	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	33	0	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	57	57	57	0	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	109	109	0	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	189	189	189	0	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	279	279	279	0	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	426	426	426	0	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	611	611	611	0	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	626	626	626	6	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	772	772	772	74	3	3
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	921	921	921	281	38	38
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	967	967	967	779	202	202
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1228	1228	1228	1356	634	634
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1162	1162	1162	1869	1263	1263
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	943	943	943	1774	1870	1870
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	672	672	672	1407	1780	1780
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	417	417	417	945	1297	1297
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	275	275	275	605	887	887
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	165	165	165	396	631	631
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	102	102	259	457	457
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	63	63	151	337	337
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27	27	27	100	247	247
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	16	39	164	164
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	3	24	124	124
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	6	63	63
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1	34	34
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	21	21
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	11	11
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	8	8
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	0
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	1	1
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	0
TOTAL	4.3	25.2	21.3	11.7	9.4	8.9	8.0	4.8	3.1	1.7	1.0	.4	.1	.0	.0	.0	.0	10072	10072	10072	10072	10073	10073

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	770287.	61607375.	76.5	16.349	10071
15 - DRY BULB	776322.	60375304.	77.1	7.313	10072
16 - WET BULB	716626.	51223994.	71.2	4.839	10072
17 - DEW PT.	687742.	47268076.	68.3	5.565	10073

4C - MEAN NO. OF HOURS WITH TEMP.					TOTAL		
<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F		
.0	.0	.0	.0	.0	14.8	720	
.6	.6	.6	.6	.6	12.9	720	
.0	.0	.0	.0	.0	1.1	.0	720

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : RD 02W ELEV. : 46 FT
MONTH : JUL
PAGE 1

DRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL		TOTAL OBS	
																		D.B./ W.B.	DRY	WET	DEW
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	24	24	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	70	70	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	140	140	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	304	304	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	479	479	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	655	655	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	765	765	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	805	805	24	3
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	862	862	152	7
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1096	1096	638	98
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1294	1294	1666	447
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1482	1482	2409	1421
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1284	1284	2387	2688
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	654	654	1714	2631
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	293	293	836	1577
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	108	108	340	742
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	53	53	143	336
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	17	71	236
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	24	115
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	11	70
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	29
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	4.5	25.8	23.0	12.5	9.9	9.3	7.2	4.4	2.1	.9	.3	.1	.1	.0	.0	.0	.0	10415	10416	10415	10415

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.				TOTAL
28 - REL HUM	820047.	66740951.	78.7	14.445	10415	<=0 F	<=32 F	>=67 F	>=73 F	>=93 F
15 - DRY BULB	828131.	66257575.	79.5	6.324	10416	.0	.0	.0	662.6	17.8
16 - WET BULB	771141.	57217095.	74.0	3.405	10415	.1	.1	.1	519.8	.0
17 - DEW PT.	746646.	53657732.	71.7	3.548	10415	.0	.0	.0	333.2	.0

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : RD 02W ELEV. : 46 FT
MONTH : AUG
PAGE 1

WRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL		
																		D.B./ W.B.	DRY BULB	WET BULB
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	49	49	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	131	131	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	239	239	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	414	414	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	617	617	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	790	790	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	734	734	8
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	800	800	98
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	991	991	564
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1201	1201	1603
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1499	1499	2262
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1292	1292	2312
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	834	834	1702
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	394	394	875
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	232	232	508
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	109	109	253
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	50	136
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	18	59
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	18
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	11
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	5
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
TOTAL	5.0	29.5	22.4	10.8	9.8	8.9	6.9	4.0	1.9	.6	.2	.0	.0	.0	.0	.0	.0	10414	10414	10414

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.						TOTAL
28 - REL HUM	830936.	68424992.	79.8	14.223	10414	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	
15 - DRY BULB	819592.	64939060.	78.7	6.473	10414	.0	.0	.0	730.7	626.4	303.9	744
16 - WET BULB	766140.	56507582.	73.6	3.719	10414	.1	.1	.1	709.6	489.2	21.7	744
17 - DEW PT.	742905.	53146253.	71.3	3.789	10414	.0	.0	.0	664.1	318.1	1.1	744

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP PAGE 1

[illegible]

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
1	1	1	1	0	1
2	2	4	2	0	1
3	3	9	3	0	1
4	4	16	4	0	1
5	5	25	5	0	1
6	6	36	6	0	1
7	7	49	7	0	1
8	8	64	8	0	1
9	9	81	9	0	1
10	10	100	10	0	1
11	11	121	11	0	1
12	12	144	12	0	1
13	13	169	13	0	1
14	14	196	14	0	1
15	15	225	15	0	1
16	16	256	16	0	1
17	17	289	17	0	1
18	18	324	18	0	1
19	19	361	19	0	1
20	20	400	20	0	1
21	21	441	21	0	1
22	22	484	22	0	1
23	23	529	23	0	1
24	24	576	24	0	1
25	25	625	25	0	1
26	26	676	26	0	1
27	27	729	27	0	1
28	28	784	28	0	1
29	29	841	29	0	1
30	30	900	30	0	1
31	31	961	31	0	1
32	32	1024	32	0	1
33	33	1089	33	0	1
34	34	1156	34	0	1
35	35	1225	35	0	1
36	36	1296	36	0	1
37	37	1369	37	0	1
38	38	1444	38	0	1
39	39	1521	39	0	1
40	40	1600	40	0	1
41	41	1681	41	0	1
42	42	1764	42	0	1
43	43	1849	43	0	1
44	44	1936	44	0	1
45	45	2025	45	0	1
46	46	2116	46	0	1
47	47	2209	47	0	1
48	48	2304	48	0	1
49	49	2401	49	0	1
50	50	2500	50	0	1
51	51	2601	51	0	1
52	52	2704	52	0	1
53	53	2809	53	0	1
54	54	2916	54	0	1
55	55	3025	55	0	1
56	56	3136	56	0	1
57	57	3249	57	0	1
58	58	3364	58	0	1
59	59	3481	59	0	1
60	60	3600	60	0	1
61	61	3721	61	0	1
62	62	3844	62	0	1
63	63	3969	63	0	1
64	64	4096	64	0	1
65	65	4225	65	0	1
66	66	4356	66	0	1
67	67	4489	67	0	1
68	68	4624	68	0	1
69	69	4761	69	0	1
70	70	4900	70	0	1
71	71	5041	71	0	1
72	72	5184	72	0	1
73	73	5329	73	0	1
74	74	5476	74	0	1
75	75	5625			

40 - MEAN P.O. OF HOURS WITH TEMP.

RESEARCH	COMPAR	MEAN	STDEV
28 - REL HUM	804906.	79.9	15.233
15 - DRY BULB	749998.	74.4	7.456
16 - WET BULB	701499.	69.6	5.636
17 - DEW PT.	676783.	67.2	6.333
	45857617.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		
	676783.		
	701499.		
	749998.		
	804906.		
	66630524.		
	56380104.		
	49164599.		
	45857617.		

013890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT
PAGE : 1

WRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL			TOTAL OBS		
																		O.B./			WET DEW		
																		W.B.			BULB		
>= 93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	0	0	0
>= 91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	0	0	0
>= 89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12	0	0	0
>= 87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33	33	33	0	0	0
>= 85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73	73	73	0	0	0
>= 83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139	139	139	0	0	0
>= 81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294	294	294	0	0	0
>= 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	419	419	419	3	3	3
>= 77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	419	419	419	35	35	35
>= 75	1	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	569	569	569	184	184	184
>= 73	1	1.2	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	612	612	612	320	320	320
>= 71	2	2.2	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	809	809	809	553	553	553
>= 69	5	3.0	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	871	871	871	842	842	842
>= 67	7	3.0	1.7	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	830	830	830	966	966	966
>= 65	7	3.1	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	785	785	785	947	947	947
>= 63	7	3.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	733	733	733	924	924	924
>= 61	7	2.9	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	681	681	681	872	872	872
>= 59	5	2.5	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	628	628	628	789	789	789
>= 57	4	2.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	502	502	502	730	730	730
>= 55	4	1.8	1.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	440	440	440	661	661	661
>= 53	3	1.4	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	342	342	342	553	553	553
>= 51	1	1.5	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	299	299	299	482	482	482
>= 49	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	258	258	258	394	394	394
>= 47	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	220	220	220	322	322	322
>= 45	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	153	153	153	305	305	305
>= 43	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	107	107	107	181	181	181
>= 41	1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	67	67	67	129	129	129
>= 39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53	53	53	93	93	93
>= 37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26	26	26	64	64	64
>= 35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	33	33	33
>= 33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13	18	18	18
>= 31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	3	9	9	9
>= 29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	4	4	4
>= 27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	2
>= 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>= 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>= 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
>= 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL	6.3	34.2	18.3	11.0	7.7	7.0	6.5	4.2	3.1	1.1	.4	.1	.0	.0	.0	.0	.0	10415	10415	10415	10415	10415	10415

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

MEAN STD DEV # OBS

28 - REL HUM	794839.	64188129.	76.3	18.407	10415
15 - DRY BULB	687827.	45565625.	65.4	10.089	10415
16 - WET BULB	628193.	38690361.	60.3	8.766	10415
17 - DEW PT.	590607.	34576683.	56.7	10.207	10415

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV PAGE 1

DRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	* FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL D.B./ W.B.	TOTAL DRY BULB	TOTAL OBS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
						9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28			29-30	> 30	BULB	WET BULB																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
>= 85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</

PSYCHROMETRIC SUMMARY

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV
PAGE 2

DRY-BULB 0 1-2 3-4 5-6 7-8 9-10 11-12 13-14 15-16 17-18 19-20 21-22 23-24 25-26 27-28 29-30 > 30 TOTAL TOTAL OBS
TEMP. (DEG F) W.B. BULB WET DEW
PT.

TOTAL 7.5 34.3 18.0 11.7 8.4 7.4 5.5 3.6 2.4 .9 .2 .0* .0 .0 .0 .0 .0 10077 10080 10077

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS
28 - REL HUM 743162. 59016230. 73.7 20.439 10077
15 - DRY BULB 570560. 33697690. 56.6 11.795 10080
16 - WET BULB 522259. 28283891. 51.8 10.989 10077
17 - DEW PT. 474399. 24146053. 47.1 13.412 10077

40 - MEAN NO. OF HOURS WITH TEMP.
<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL
.0 14.4 158.8 58.2 6.9 .0 720
.2 30.3 63.7 2.6 .0 .0 720
.1 117.2 37.5 .1 .0 .0 720

U 13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC PAGE 1

DRY-BULB TEMP. (DEG F)	0	1-2	3-4	5-6	7-8	% FREQ.	WET BULB	TEMPERATURE	DEPRESSION (DEG F)	> 30	29-30	27-28	25-26	23-24	21-22	19-20	17-18	15-16	13-14	11-12	9-10	7-8	5-6	3-4	1-2	0	TOTAL 0.8-/ W.B.	TOTAL DRY BULB	TOTAL OBS WET BULB PT.
> 81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0
> 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	11	0	
> 77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	0	
> 75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	77	77	0	
> 73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	110	0	
> 71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	163	163	2	
> 69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	15	3	
> 67	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	194	194	61	
> 65	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	304	304	140	
> 63	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	366	366	263	
> 61	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	450	450	360	
> 59	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	471	471	430	
> 57	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	515	515	436	
> 55	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	508	508	408	
> 53	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	578	578	463	
> 51	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	608	608	466	
> 49	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	573	573	513	
> 47	5	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	577	577	506	
> 45	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	635	635	603	
> 43	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	622	622	661	
> 41	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	587	587	664	
> 39	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	549	549	673	
> 37	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	482	482	636	
> 35	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	430	430	602	
> 33	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	359	359	550	
> 31	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314	314	478	
> 29	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306	306	397	
> 27	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	230	230	333	
> 25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	136	136	284	
> 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	112	195	
> 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	51	51	117	
> 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	25	74	
> 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	19	45	
> 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	10	18	
> 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	10	
> 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	
> 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	101	
> 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	
> 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	36
> 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24
> 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
> -1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
> -3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
> -5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
> -7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
> -9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
PAGE 2

		% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL		TOTAL OBS									
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./	W.B.	BULB	WET	DEW
(DEG F)																							
TOTAL	8.8	33.0	19.6	14.6	8.9	6.7	4.5	2.3	1.0	.5	.1	.0*	.0	.0	.0	.0	.0	.0	10415	10415	10415	10416	10416
ELEMENT(X)		SUM X	SUM X**2	MEAN	STD DEV	#	OBS	40 - MEAN NO. OF HOURS WITH TEMP.										TOTAL					
28 - REL HUM		753329.	58968201.	72.3	20.739		10415																
15 - DRY BULB		517795.	27257283.	49.7	12.059		10415																
16 - WET BULB		472665.	22843499.	45.4	11.563		10415																
17 - WET BULB		416112.	18810474.	39.9	14.491		10416																
17 - DEW PT.								1.4										248.3					
								5.9										.0					
								.1										.0					
								.0										.0					
								64.3										.3					
								63.6										.0					
								15.6										.0					
								16.4										.0					
								.0										.0					
								.0										.0					
								.0										.0					
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								.0										.0					

ELEMENT(X)		SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM		753329.	58966201.	72.3	20.739	10415
15 - DRY BULB		517795.	27257283.	49.7	12.059	10415
16 - WET BULB		472665.	22843499.	45.4	11.563	10415
17 - DEW PT.		416112.	18810474.	39.9	14.491	10416

40 - MEAN NO. OF HOURS WITH TEMP.		<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
		.0	64.3	63.6	16.4	.3	.0	744
		.1	106.2	15.6	.1	.0	.0	744
		1.4	248.3	5.9	.0	.0	.0	744

013860 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN
PAGE : 2

DRY-BULB		WET BULB		TEMP. DEPRESSION (DEG F)		FREQ.		W.B.		TOTAL		TOTAL OBS									
TEMP.	(DEG F)	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./	DRY	WET	DEW
																		W.B.	BULB	BULB	PT.
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	61
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	46
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1
TOTAL	6.1	29.6	19.5	12.1	9.3	6.0	6.4	4.2	2.5	1.3	.6	.2	.1	.0*	.0*	.0*	.0	122679	122684	122682	122684

ELEMENT(X)		SUM X		SUM X**2		MEAN		STD DEV		H		CRS	
<8 - REL HUM	9268250.	719841056.	74.1	19.425	122680	74.1	19.425	122680	74.1	19.425	122680	74.1	19.425
15 - DRY BULB	7892577.	535767783.	64.3	15.112	122684	64.3	15.112	122684	64.3	15.112	122684	64.3	15.112
16 - WET BULB	7242523.	451776535.	59.0	14.049	122682	59.0	14.049	122682	59.0	14.049	122682	59.0	14.049
17 - DEW PT.	6720221.	401482781.	54.8	16.493	122684	54.8	16.493	122684	54.8	16.493	122684	54.8	16.493

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	2.0	3.9	.0	.0	13.7	39.2	31.4	9.8	.0	51	.5
>= 72	1.1	.0	1.6	3.7	20.3	40.6	25.7	7.0	.0	187	1.8
>= 67	2.2	1.4	3.1	6.8	25.4	34.1	19.1	7.5	.5	414	4.0
>= 62	2.1	2.6	5.3	9.8	22.0	34.6	17.6	4.5	1.6	871	8.4
>= 57	6.9	4.8	8.8	11.0	14.3	24.6	20.4	7.4	1.9	1127	10.8
>= 52	10.4	12.7	12.7	7.1	8.9	17.5	16.3	10.7	3.7	1306	12.5
>= 47	16.2	18.0	9.4	4.9	5.7	11.7	15.6	12.5	5.9	1499	14.4
>= 42	18.1	22.7	6.9	2.4	3.8	8.7	15.7	15.7	6.0	1598	15.3
>= 37	23.0	21.6	3.8	1.9	3.3	6.7	17.5	15.4	6.7	1340	12.9
>= 32	24.7	23.2	2.3	.6	1.9	5.6	15.9	16.7	9.1	1004	9.6
>= 27	26.0	18.9	1.4	1.0	2.1	4.0	18.5	14.5	13.7	628	6.0
>= 22	29.2	14.2	.7	.4	1.8	5.1	12.4	17.5	18.6	274	2.6
>= 17	25.0	18.2	1.1	1.1	3.4	3.4	19.3	13.6	14.8	88	.8
>= 12	9.1	.0	.0	.0	9.1	.0	40.9	36.4	4.5	22	.2
>= 7	33.3	.0	.0	.0	.0	.0	33.3	33.3	.0	3	.0*
TOTALS	15.4	15.2	6.4	4.7	8.2	14.8	17.2	12.3	5.8	10412	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

613880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION		WSW		WNW		CALM	TOTAL FREQ.	% OF TOTAL
	E	N	E	N	E	N	E	S	SSW	SSW	E	W	ENW	ENW			
>= 82	.0	.0	.0	.0	.0	.0	.0	.0	20.0	40.0	40.0	40.0	40.0	40.0	.0	5	.1
>= 77	.0	.0	.0	.0	.0	.0	.0	16.1	42.9	33.9	33.9	33.9	7.1	7.1	.0	56	.6
>= 72	.5	.5	2.3	3.8	3.2	3.2	3.2	21.1	39.4	23.9	23.9	23.9	8.7	8.7	.5	218	2.3
>= 67	2.3	2.3	1.9	5.6	11.0	11.0	11.0	22.7	32.6	19.5	19.5	19.5	5.9	5.9	.4	528	5.6
>= 62	3.1	3.1	2.9	5.6	11.2	11.2	11.2	24.3	31.1	15.7	15.7	15.7	5.2	5.2	1.0	1013	10.7
>= 57	5.7	5.7	7.1	11.0	9.8	9.8	9.8	16.9	23.5	15.8	15.8	15.8	7.8	7.8	2.5	1238	13.1
>= 52	10.2	10.2	12.1	14.2	6.9	6.9	6.9	10.2	17.1	14.2	14.2	14.2	11.9	11.9	3.3	1257	13.3
>= 47	15.3	15.3	19.4	11.0	4.3	4.3	4.3	7.9	11.1	15.2	15.2	15.2	11.9	11.9	3.8	1384	14.6
>= 42	18.7	18.7	22.3	9.9	3.8	3.8	3.8	4.5	8.5	13.6	13.6	13.6	12.5	12.5	6.1	1339	14.1
>= 37	19.6	19.6	25.8	5.4	1.9	1.9	1.9	4.0	5.4	15.0	15.0	15.0	14.6	14.6	8.3	1052	11.1
>= 32	20.0	20.0	22.6	2.4	.9	.9	.9	2.7	5.7	14.8	14.8	14.8	15.6	15.6	15.3	751	7.9
>= 27	25.2	25.2	18.9	2.0	1.1	1.1	1.1	1.5	4.1	15.0	15.0	15.0	15.9	15.9	15.4	460	4.9
>= 22	29.1	29.1	12.6	1.3	1.3	1.3	1.3	2.6	2.6	17.2	17.2	17.2	18.5	18.5	14.6	151	1.6
>= 17	39.3	39.3	10.7	.0	.0	.0	.0	.0	.0	7.1	7.1	7.1	35.7	35.7	7.1	28	.3
>= 12	50.0	50.0	.0	.0	.0	.0	.0	.0	.0	25.0	25.0	25.0	25.0	25.0	.0	4	.0*
TOTALS	13.0	13.0	14.7	8.1	5.6	5.6	5.6	10.5	15.8	15.5	15.5	15.5	11.3	11.3	5.5	9484	100.0

NOTES : * = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION		WSW		WNW		CALM	TOTAL FREQ.	% OF TOTAL
	E N	N	E NE	N	E E	E	E SE	S	SSE	SSW	E W	W	WNW	W			
>= 87	10.0		.0		.0		10.0	10.0	10.0	10.0	40.0	20.0	.0	10	.0	10	.1
>= 82	1.1		.0		.0		.0	19.3	31.8	31.8	31.8	15.9	.0	88	.0	88	.8
>= 77	3.0		.4		1.9		4.1	29.6	34.1	34.1	23.2	3.7	.0	267	.0	267	2.6
>= 72	2.2		1.1		2.2		10.0	27.8	26.9	26.9	21.6	7.6	.7	551	.7	551	5.3
>= 67	3.8		2.3		5.7		11.2	27.7	27.7	27.7	14.0	7.3	.5	1103	.5	1103	10.6
>= 62	4.6		3.8		9.0		10.9	23.7	26.1	26.1	13.3	7.1	1.5	1615	1.5	1615	15.5
>= 57	6.8		8.6		14.5		11.9	15.6	17.5	17.5	12.6	9.5	3.0	1926	3.0	1926	17.5
>= 52	13.2		14.2		12.9		8.6	9.5	11.0	11.0	13.8	11.5	5.4	1566	5.4	1566	15.0
>= 47	17.6		15.9		8.0		5.7	9.5	9.5	9.5	15.4	11.5	7.9	1272	7.9	1272	12.2
>= 42	17.6		18.3		6.4		3.3	4.9	7.3	7.3	15.9	16.2	10.2	989	10.2	989	9.5
>= 37	18.7		21.9		5.5		1.2	3.6	5.9	5.9	15.2	14.7	13.2	658	13.2	658	6.3
>= 32	20.7		19.2		2.9		.9	2.0	2.9	2.9	22.4	15.7	13.1	343	13.1	343	3.3
>= 27	27.7		15.8		4.0		.0	.0	4.0	4.0	12.9	19.8	17.8	101	17.8	101	1.0
>= 22	27.3		22.7		.0		.0	9.1	.0	.0	4.5	22.7	13.6	22	13.6	22	.2
TOTALS	10.5		10.4		8.7		8.0	15.0	16.7	16.7	15.1	10.6	5.1	10411	5.1	10411	100.0

NOTES : PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

U13890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR
PAGE 1

TEMP. (DEG F)	NNW & N		NNE & NE		ENE & E		ESE & SE		WIND DIRECTION SSE & S		SSW & SW		WSW & W		WNW & NW		CALM		TOTAL FREQ.		% OF TOTAL	
>= 92	.0	8.2	.0	2.7	.0	1.4	.0	.0	.0	4.1	13.7	.0	.0	49.3	100.0	.0	.0	.0	1	.0	.0	.0
>= 87	8.2	5.1	.0	2.7	1.4	2.9	2.7	2.7	4.1	18.8	24.6	13.7	49.3	30.5	17.8	.0	.0	.0	73	.7	.7	.7
>= 82	5.1	4.2	.0	2.7	2.9	2.8	8.1	8.1	18.8	27.7	28.6	24.6	30.5	15.8	9.2	.7	.7	.7	272	2.7	2.7	2.7
>= 77	4.2	4.4	2.0	2.2	7.9	7.9	11.6	11.6	27.7	26.4	25.2	28.6	15.8	14.7	6.6	.5	.5	.5	783	7.8	7.8	7.8
>= 72	4.4	5.0	3.3	7.3	7.9	7.9	13.1	13.1	26.4	24.2	24.9	25.2	14.7	12.2	5.5	.5	.5	.5	1112	11.0	11.0	11.0
>= 67	5.0	6.2	7.3	14.8	12.2	12.2	14.7	14.7	24.2	18.0	20.1	24.9	12.2	12.3	7.4	1.3	1.3	1.3	1977	19.6	19.6	19.6
>= 62	6.2	11.8	14.8	16.5	12.1	12.1	12.5	12.5	18.0	10.9	12.6	20.1	12.3	12.4	8.2	8.5	8.5	8.5	2211	21.9	21.9	21.9
>= 57	11.8	12.9	16.5	19.9	9.0	9.0	8.7	8.7	10.9	9.1	10.1	12.6	12.4	13.3	9.6	14.3	14.3	14.3	1471	14.6	14.6	14.6
>= 52	12.9	15.9	19.9	21.3	4.9	4.9	5.3	5.3	9.1	7.9	7.1	10.1	13.3	14.6	12.3	14.7	14.7	14.7	1044	10.4	10.4	10.4
>= 47	15.9	21.3	19.9	15.6	2.9	2.9	2.7	2.7	7.9	5.2	3.2	7.1	14.6	13.0	14.4	23.3	23.3	23.3	659	6.5	6.5	6.5
>= 42	21.3	38.9	15.6	10.2	.0	.0	1.2	1.2	5.2	1.9	3.7	3.2	13.0	12.0	10.2	23.1	23.1	23.1	347	3.4	3.4	3.4
>= 37	38.9	52.4	10.2	14.3	.0	.0	.0	.0	1.9	9.5	9.5	3.7	12.0	.0	.0	9.5	9.5	9.5	108	1.1	1.1	1.1
>= 32	52.4	8.7	14.3	8.5	.0	.0	4.8	4.8	9.5	17.6	18.6	9.5	.0	.0	.0	6.0	6.0	6.0	21	.2	.2	.2
TOTALS	8.7	8.7	8.5	8.5	8.5	8.5	10.3	10.3	17.6	17.6	18.6	18.6	13.8	13.8	8.0	6.0	6.0	6.0	10079	100.0	100.0	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HCUPLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		SSE		SSW		WSW		WNW		CALM	TOTAL FREQ.	% OF TOTAL
	E	N	E	N	E	N	E	S	E	S	W	W	E	W	E	W			
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	.0	.0	50.0	.0	.0	2	.0*
>= 92	16.9	.0	2.8	.0	.0	.0	1.4	1.4	1.4	12.7	12.7	45.1	45.1	19.7	19.7	.0	.0	71	.7
>= 87	7.5	.0	2.6	.0	2.3	.0	3.3	3.3	18.3	22.2	22.2	29.7	29.7	14.1	14.1	.0	.0	306	2.9
>= 82	4.8	.0	3.1	.0	3.1	.0	8.9	8.9	28.5	25.6	25.6	16.1	16.1	9.0	9.0	.9	.9	923	8.9
>= 77	6.0	.0	5.6	.0	8.5	.0	16.5	16.5	26.9	20.4	20.4	10.7	10.7	4.6	4.6	.7	.7	1560	15.0
>= 72	5.0	.0	6.1	.0	9.9	.0	14.3	14.3	28.8	19.9	19.9	9.4	9.4	4.2	4.2	2.5	2.5	2185	21.0
>= 67	7.9	.0	11.0	.0	10.9	.0	10.3	10.3	20.2	18.4	18.4	10.0	10.0	4.6	4.6	6.7	6.7	2603	25.0
>= 62	14.3	.0	18.4	.0	9.1	.0	5.3	5.3	11.9	12.6	12.6	10.3	10.3	6.6	6.6	11.4	11.4	1521	14.6
>= 57	18.5	.0	22.6	.0	6.8	.0	3.5	3.5	7.0	6.9	6.9	8.1	8.1	8.5	8.5	18.1	18.1	767	7.4
>= 52	26.3	.0	16.8	.0	3.1	.0	1.1	1.1	3.4	5.9	5.9	12.0	12.0	10.9	10.9	20.7	20.7	358	3.4
>= 47	24.2	.0	19.2	.0	1.0	.0	1.0	1.0	1.0	1.0	1.0	12.1	12.1	17.2	17.2	23.2	23.2	99	1.0
>= 42	38.5	.0	7.7	.0	.0	.0	.0	.0	.0	7.7	7.7	.0	.0	7.7	7.7	38.5	38.5	13	.1
TOTALS	9.3	.0	10.4	.0	8.4	.0	10.0	10.0	20.6	17.4	17.4	11.3	11.3	6.2	6.2	6.4	6.4	10408	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VEFSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION		WSW		WNW		CALM		TOTAL		% OF	
	E N		ENE		E E		ESE		SSE	SSW	E W	ENW	FREQ.		FREQ.		TOTAL		TOTAL	
>= 97	19.5	7.3	2.4	3.2	2.4	3.2	2.4	14.6	39.0	14.6	39.0	14.6	41	41	.0	.4	252	252	2.5	2.5
>= 92	6.3	2.4	1.2	3.2	1.2	3.2	11.5	26.6	34.1	26.6	34.1	13.9	808	808	.8	8.0	1619	1619	16.1	16.1
>= 87	5.6	2.6	2.0	8.9	2.0	8.9	25.2	25.5	18.8	25.5	18.8	10.6	2912	2912	.7	7.0	503	503	5.0	5.0
>= 82	6.1	4.9	8.5	15.2	8.5	15.2	25.5	19.8	10.8	19.8	10.8	8.0	129	129	1.1	1.3	20.0	20.0	20.0	20.0
>= 77	6.0	7.2	10.5	13.7	10.5	13.7	24.9	21.2	10.9	21.2	10.9	3.2	5.8	5.8	2.4	2.6	1509	1509	15.0	15.0
>= 72	7.6	12.7	9.9	9.0	9.9	9.0	20.6	19.4	10.1	19.4	10.1	3.8	17.1	17.1	6.9	6.9	129	129	1.3	1.3
>= 67	15.7	24.5	7.3	5.2	7.3	5.2	12.1	8.8	8.8	8.8	8.8	5.0	35.0	35.0	12.7	12.7	20	20	.2	.2
>= 62	27.0	30.6	2.2	1.6	2.2	1.6	5.8	3.2	8.0	3.2	8.0	5.0	10071	10071	16.7	16.7	5.8	5.8	100.0	100.0
>= 57	32.6	29.5	3.9	.8	3.9	.8	3.9	3.1	5.4	3.1	5.4	3.9	5.5	5.5	17.1	17.1	20	20	.2	.2
>= 52	30.0	10.0	.0	.0	.0	.0	.0	.0	5.0	.0	5.0	20.0	5.5	5.5	35.0	35.0	10071	10071	100.0	100.0
TOTALS	9.4	12.0	8.1	9.8	8.1	9.8	20.2	17.9	11.4	17.9	11.4	5.5	5.5	5.5	5.8	5.8	10071	10071	100.0	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS

WIND DIRECTION

(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION				WSW		WNW		CALM		TOTAL		% OF	
	E	N	E	N	E	E	E	E	SSE	SSW	SSW	SSW	E	W	E	N			FREQ.	TOTAL	TOTAL	TOTAL
>=102	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	100.0	.0	.0	.0	.0	.0	.0	.0	1	.0*	.0*	.0*
>= 97	15.8	.0	.0	.0	.0	2.6	13.2	13.2	13.2	13.2	13.2	47.4	31.1	7.9	10.6	.0	.0	.0	38	3.4	3.4	3.4
>= 92	4.3	2.9	1.7	4.1	8.5	4.0	16.3	29.1	29.1	29.1	29.1	18.2	12.7	5.9	4.1	1.1	1.1	1.1	350	12.98	12.98	12.98
>= 87	3.9	2.9	4.1	8.6	12.6	8.5	26.6	25.0	25.0	25.0	25.0	12.7	12.7	2.9	4.1	1.1	1.1	1.1	1985	19.1	19.1	19.1
>= 82	4.3	5.7	8.6	8.6	9.6	12.6	25.8	27.2	27.2	27.2	27.2	13.1	13.1	4.2	4.2	4.2	4.2	4.2	2837	27.2	27.2	27.2
>= 77	4.2	6.3	8.1	8.1	9.6	9.6	24.8	19.5	19.5	19.5	19.5	5.7	5.7	7.6	7.6	18.1	18.1	18.1	3154	30.3	30.3	30.3
>= 72	9.4	13.8	7.3	7.3	5.8	5.8	15.9	8.1	8.1	8.1	8.1	3.9	3.9	5.1	5.1	21.5	21.5	21.5	668	6.4	6.4	6.4
>= 67	20.1	22.5	6.0	6.0	3.9	3.9	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	79	.8	.8	.8
>= 62	38.0	21.5	5.1	5.1	2.5	2.5	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	.1	.1	.1
>= 57	33.3	16.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10416	100.0	100.0	100.0
TOTALS	7.1	9.0	7.0	7.0	8.2	8.2	20.9	23.2	23.2	23.2	23.2	13.7	13.7	4.5	4.5	6.2	6.2	6.2				

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION		WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
					SSE & S	SSW & SW					
>= 97	18.2	.0	.0	.0	27.3	18.2	27.3	9.1	.0	11	.1
>= 92	8.1	1.8	2.5	3.2	17.6	23.9	30.3	12.0	.7	284	2.7
>= 87	5.4	4.4	4.5	13.0	25.8	21.4	16.1	8.6	.9	1166	11.2
>= 82	7.9	11.8	11.9	12.2	24.0	16.4	9.3	4.7	1.8	1899	18.2
>= 77	5.8	10.0	10.3	9.4	24.6	22.0	9.5	2.8	5.3	2617	25.1
>= 72	13.2	20.3	7.0	5.8	11.5	13.7	10.1	4.6	13.7	3282	31.5
>= 67	27.2	31.7	5.4	2.4	4.1	3.7	2.9	5.1	17.5	969	9.3
>= 62	34.1	35.9	2.9	.0	1.8	1.8	1.8	4.7	17.1	170	1.6
>= 57	12.5	62.5	6.3	.0	.0	.0	.0	6.3	12.5	16	.2
TOTALS	11.0	15.2	8.1	8.2	14.0	16.3	10.2	4.9	8.1	10414	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION				WSW E W	WNW ENW		CALM	TOTAL FREQ.	% OF TOTAL
	E N	N	E NE	N	E E	E	SSE E S	SSW ESW	SSE E S	SSW ESW								
>= 92	8.2		2.0		4.1		2.0		8.2		26.5		38.8	10.2		.0	49	.5
>= 87	6.7		6.4		6.9		12.1		20.6		20.2		18.3	7.7		1.2	481	4.8
>= 82	8.1		12.1		17.5		18.1		18.2		10.3		8.9	5.9		1.0	1432	14.2
>= 77	8.8		18.2		18.5		14.2		19.0		9.8		5.3	3.8		2.4	1750	17.4
>= 72	13.1		26.9		12.6		6.7		13.4		10.0		7.0	3.9		9.4	2959	29.4
>= 67	23.3		39.1		5.9		1.9		3.4		4.5		4.6	4.9		12.3	2031	20.2
>= 62	30.4		47.0		2.0		.3		.8		1.7		2.4	5.4		10.0	921	9.1
>= 57	27.9		47.2		.9		.0		2.1		1.2		2.7	5.9		12.2	337	3.3
>= 52	37.4		31.3		.0		1.0		1.0		2.0		6.1	8.1		13.1	99	1.0
>= 47	80.0		13.3		.0		.0		.0		.0		6.7	.0		.0	15	.1
>= 42	.0		.0		.0		.0		.0		.0		.0	100.0		.0	2	.0*
TOTALS	15.8		27.2		11.1		9.0		10.8		8.3		6.6	4.9		7.3	10076	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

Q13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION			WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
					SSE & S	SSW & SW	SSW & SW					
>= 92	.0	.0	25.0	.0	.0	.0	.0	75.0	.0	.0	4	.0*
>= 87	2.0	4.0	2.0	6.0	16.0	24.0	24.0	32.0	14.0	.0	50	.5
>= 82	10.0	7.7	9.1	10.9	19.1	15.1	15.1	20.0	7.7	.3	350	3.4
>= 77	9.8	15.1	16.7	16.0	13.5	11.9	11.9	10.2	5.6	1.3	994	9.5
>= 72	12.2	19.9	17.7	11.1	13.0	9.9	9.9	8.0	5.8	2.3	1578	15.2
>= 67	18.8	33.5	12.9	6.3	6.9	6.2	6.2	6.0	5.6	3.7	2112	20.3
>= 62	22.7	35.0	7.1	3.0	4.6	4.6	4.6	8.6	6.2	8.3	1886	18.1
>= 57	26.6	31.0	4.7	1.5	3.3	4.2	4.2	7.3	7.3	12.2	1443	13.9
>= 52	32.6	25.9	2.2	1.4	2.6	4.3	4.3	9.5	7.3	14.2	941	9.0
>= 47	33.4	24.5	2.1	1.0	2.1	3.6	3.6	8.6	11.7	13.1	617	5.9
>= 42	30.9	17.5	.7	.0	.7	2.7	2.7	9.6	16.2	21.6	291	2.8
>= 37	39.1	14.8	.9	.0	.0	.9	.9	12.2	6.1	26.1	115	1.1
>= 32	51.9	14.8	.0	.0	.0	.0	.0	.0	14.8	18.5	27	.3
>= 27	60.0	.0	.0	.0	.0	.0	.0	.0	.0	40.0	5	.0*
TOTALS	21.4	26.6	9.5	5.8	7.0	6.6	6.6	8.6	6.9	7.5	10413	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV
PAGE 1

TEMP. (DEG F)	NNW		NNE		ENE		ESE		WIND DIRECTION				WSW		WNW		CALM	TOTAL FREQ.	% OF TOTAL
	E N	N E	E NE	N NE	E E	N E	E SE	SSE	SSW	SSW	E W	WSW	WNW	WNW					
>= 82	2.7	.0	5.4	.0	10.8	27.0	29.7	16.2	8.1	.0	37	.4							
>= 77	3.3	4.4	10.3	4.4	13.7	17.7	22.9	19.2	8.5	.0	271	2.7							
>= 72	6.4	7.2	12.2	7.2	14.3	18.2	21.4	13.9	5.5	.9	705	7.0							
>= 67	7.5	11.8	13.4	11.8	11.2	18.6	16.9	12.3	6.0	2.2	1210	12.0							
>= 62	12.5	16.0	12.8	16.0	8.3	10.4	14.6	13.9	6.7	4.8	1592	15.8							
>= 57	16.7	22.7	9.7	22.7	4.2	6.5	9.6	14.1	10.1	6.2	1514	15.0							
>= 52	22.5	21.9	5.9	21.9	2.7	5.3	7.9	13.1	12.8	8.0	1395	13.8							
>= 47	25.1	20.3	3.2	20.3	2.4	3.6	6.2	14.7	12.9	11.7	1189	11.8							
>= 42	30.3	18.9	1.1	18.9	.7	3.0	6.2	12.6	13.3	13.8	977	9.7							
>= 37	26.4	18.8	1.6	18.8	.2	2.2	8.1	15.8	11.1	15.8	632	6.3							
>= 32	28.5	13.4	1.8	13.4	.5	1.3	6.1	14.4	14.9	19.2	396	3.9							
>= 27	30.7	14.2	1.6	14.2	.0	5.5	4.7	11.0	17.3	15.0	127	1.3							
>= 22	23.1	15.4	.0	15.4	.0	.0	3.8	15.4	26.9	15.4	26	.3							
>= 17	25.0	.0	.0	.0	.0	.0	.0	75.0	.0	.0	8	.1							
TOTALS	18.2	17.2	7.7	17.2	5.4	8.4	11.3	13.9	10.1	7.8	10079	100.0							

NOTES :
= PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC
PAGE 1

TEMP. (DEG F)	NNW & N		NNE & NE		ENE & E		ESE & SE		WIND DIRECTION SSE & S		SSW & SW		WSW & W		WNW & NW		CALM		TOTAL FREQ.		% OF TOTAL	
	& N	& NNW	& NE	& NNE	& E	& ENE	& SE	& SSE	& S	& SSE	& SW	& SSW	& W	& WSW	& NW	& NNW						
>= 82	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50.0	50.0	50.0	50.0	.0	.0	.0	.0	2	2	.0*	.0*
>= 77	.0	.0	.0	.0	.0	7.3	7.3	17.1	17.1	41.5	29.3	41.5	29.3	29.3	4.9	.0	.0	.0	41	41	.4	.4
>= 72	2.2	2.2	1.1	1.1	1.9	10.9	10.9	25.5	25.5	37.5	17.6	37.5	17.6	17.6	3.4	.0	.0	.0	267	267	2.6	2.6
>= 67	2.6	2.6	1.2	1.2	5.5	12.4	12.4	23.9	23.9	32.7	16.5	32.7	16.5	16.5	4.1	1.0	1.0	1.0	581	581	5.6	5.6
>= 62	4.7	4.7	4.2	4.2	6.8	10.3	10.3	22.5	22.5	25.3	17.1	25.3	17.1	17.1	6.5	2.6	2.6	2.6	1061	1061	10.2	10.2
>= 57	10.2	10.2	10.7	10.7	9.6	9.9	9.9	10.9	10.9	18.4	16.6	18.4	16.6	16.6	8.6	5.0	5.0	5.0	1249	1249	12.0	12.0
>= 52	14.4	14.4	16.7	16.7	8.1	5.1	5.1	7.7	7.7	11.7	17.5	11.7	17.5	17.5	12.1	6.8	6.8	6.8	1476	1476	14.2	14.2
>= 47	19.6	19.6	21.4	21.4	7.2	3.3	3.3	4.4	4.4	8.4	17.3	8.4	17.3	17.3	12.5	6.0	6.0	6.0	1494	1494	14.3	14.3
>= 42	23.2	23.2	23.5	23.5	5.1	1.6	1.6	3.7	3.7	6.8	15.7	6.8	15.7	15.7	13.4	7.0	7.0	7.0	1520	1520	14.6	14.6
>= 37	22.5	22.5	23.5	23.5	2.5	1.2	1.2	2.5	2.5	6.7	15.7	6.7	15.7	15.7	15.0	10.3	10.3	10.3	1150	1150	11.0	11.0
>= 32	26.9	26.9	20.4	20.4	1.5	1.2	1.2	2.1	2.1	5.1	15.5	5.1	15.5	15.5	11.6	15.7	15.7	15.7	845	845	8.1	8.1
>= 27	24.8	24.8	19.6	19.6	1.0	1.0	1.0	2.6	2.6	5.2	13.2	5.2	13.2	13.2	15.4	17.2	17.2	17.2	500	500	4.8	4.8
>= 22	27.8	27.8	15.9	15.9	.6	.6	.6	1.7	1.7	3.4	11.9	3.4	11.9	11.9	19.2	19.9	19.9	19.9	176	176	1.7	1.7
>= 17	26.8	26.8	4.9	4.9	.0	.0	.0	.0	.0	7.3	4.9	7.3	4.9	4.9	36.6	19.5	19.5	19.5	41	41	.4	.4
>= 12	37.5	37.5	.0	.0	.0	.0	.0	.0	.0	.0	12.5	.0	12.5	12.5	50.0	.0	.0	.0	8	8	.1	.1
>= 7	66.7	66.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33.3	.0	.0	.0	3	3	.0*	.0*
TOTALS	16.6	16.6	16.1	16.1	5.6	5.0	5.0	8.5	8.5	13.1	16.3	13.1	16.3	16.3	11.3	7.4	7.4	7.4	10414	10414	100.0	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W

ELEV. : 46 FT
MONTH : ANN
PAGE 1

TEMP. (DEG F)	NNW E N	NNE ENE	ENE E E	ESE ESE	WIND DIRECTION SSE E S	SSW ESW	WSW E W	WNW ENW	CALM	TOTAL FREQ.	% OF TOTAL
>=102	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.0*
>= 97	17.4	3.3	1.1	1.1	9.8	15.2	40.2	12.0	.0	92	.1
>= 92	6.9	2.4	1.9	3.3	13.9	25.6	33.1	12.5	.4	1011	.8
>= 87	5.3	3.6	3.9	9.7	24.3	24.3	19.3	8.7	.9	4192	3.4
>= 82	6.3	7.5	9.9	13.1	23.8	19.4	12.4	6.2	1.2	8612	7.0
>= 77	6.0	8.8	10.5	12.1	23.5	21.3	11.1	3.8	2.8	13505	11.0
>= 72	9.2	14.6	9.5	8.7	17.5	17.6	11.7	4.6	7.3	19110	15.6
>= 67	12.6	18.3	8.4	8.1	15.2	15.5	9.6	5.6	6.7	15705	12.8
>= 62	12.3	16.2	9.2	7.8	14.4	17.1	11.8	6.3	5.9	13443	11.0
>= 57	13.7	16.4	9.6	7.4	10.5	14.1	13.0	8.4	6.9	11123	9.1
>= 52	16.7	16.9	9.2	5.3	7.5	11.3	14.0	11.1	8.1	9462	7.7
>= 47	19.7	19.5	7.1	3.7	5.8	8.8	15.0	12.3	8.2	8228	6.7
>= 42	21.7	21.1	5.8	2.2	3.9	7.2	14.5	14.3	9.5	7076	5.8
>= 37	22.7	22.2	3.6	1.3	3.1	6.3	15.8	14.2	10.6	5055	4.1
>= 32	24.6	20.7	2.1	.9	2.1	5.3	15.8	14.8	13.8	3387	2.8
>= 27	26.0	18.6	1.6	.9	2.2	4.4	15.4	15.5	15.5	1821	1.5
>= 22	28.5	14.6	.8	.6	2.2	3.9	13.3	18.5	17.7	649	.5
>= 17	27.9	12.7	.6	.6	1.8	3.6	16.4	22.4	13.9	165	.1
>= 12	20.6	.0	.0	.0	5.9	.0	32.4	38.2	2.9	34	.0*
>= 7	50.0	.0	.0	.0	.0	.0	16.7	33.3	.0	6	.0*
TOTALS	13.0	15.2	8.1	7.4	13.8	15.0	12.9	8.0	6.6	122677	100.0

NOTES :
* = PERCENT < .05

11 - SKY COVER

C13890 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
JAN	01	35.8	13.6	11.2	39.4	1271
	04	34.9	12.6	11.7	40.9	1270
	07	26.0	15.0	17.7	41.3	1271
	10	23.1	15.5	19.4	42.1	1271
	13	21.0	16.6	21.4	41.0	1271
	16	20.3	19.2	18.6	41.9	1271
	19	25.0	21.3	14.3	39.4	1270
	22	30.8	19.2	12.7	37.3	1271
	ALL	27.1	16.6	15.9	40.4	10166
FEB	01	40.7	17.0	9.4	32.9	1158
	04	36.4	13.8	12.9	36.9	1158
	07	25.9	17.4	17.3	39.4	1158
	10	23.9	15.5	18.4	42.1	1158
	13	21.8	17.3	21.5	39.4	1158
	16	21.5	20.1	19.1	39.3	1157
	19	24.5	21.9	16.7	36.9	1157
	22	34.7	19.5	11.3	34.5	1156
	ALL	28.7	17.3	15.8	38.2	9260
MAR	01	36.1	14.9	13.4	35.6	1271
	04	34.6	13.5	13.5	38.3	1270
	07	23.5	17.6	18.8	40.1	1270
	10	25.3	17.8	18.3	38.6	1271
	13	21.7	19.3	22.4	36.6	1270
	16	20.2	20.0	21.6	38.2	1270
	19	21.8	22.8	19.7	35.7	1270
	22	35.0	17.9	14.8	32.3	1271
	ALL	27.3	18.0	17.8	36.9	10163
APR	01	42.8	17.7	14.5	25.0	1230
	04	39.5	16.0	13.9	28.5	1230
	07	28.0	19.9	19.2	32.8	1230
	10	27.2	22.0	24.0	26.7	1230
	13	20.7	24.3	25.9	27.2	1229
	16	19.8	27.7	23.1	29.3	1230
	19	23.7	24.7	20.6	29.0	1230
	22	28.9	20.0	14.2	26.5	1230
	ALL	20.1	22.3	19.4	28.2	9839

11 - SKY COVER

013880 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FPCIM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
MAY	01	34.9	20.8	18.2	26.1	1271
	04	30.4	23.1	18.6	28.0	1271
	07	21.5	21.1	24.0	33.4	1270
	10	19.5	22.9	29.5	28.2	1269
	13	9.8	26.5	34.3	29.4	1271
	16	10.1	31.1	28.9	30.0	1271
	19	14.4	26.6	25.6	33.4	1269
	22	28.4	25.5	19.8	26.2	1270
	ALL	21.1	24.7	24.9	29.3	10162
JUN	01	29.4	27.9	17.9	24.8	1229
	04	25.4	27.0	23.1	24.5	1229
	07	15.1	26.4	29.5	29.1	1229
	10	13.4	24.6	36.1	25.9	1230
	13	4.9	28.4	39.7	27.0	1229
	16	5.1	33.3	35.7	25.9	1229
	19	10.6	25.4	31.0	33.0	1229
	22	21.9	30.3	20.7	27.1	1229
	ALL	15.7	27.9	29.2	27.2	9833
JUL	01	24.4	27.1	24.2	24.3	1302
	04	22.0	32.6	24.6	20.8	1302
	07	10.9	30.3	32.2	26.7	1302
	10	8.7	26.1	41.2	24.0	1302
	13	1.5	24.5	48.5	25.4	1302
	16	2.5	30.4	40.6	26.5	1302
	19	7.4	23.7	32.8	36.1	1302
	22	19.4	27.0	24.6	29.0	1302
	ALL	12.1	27.7	33.6	26.6	10416
AUG	01	29.7	27.0	20.1	23.2	1301
	04	29.6	29.7	19.5	21.2	1302
	07	15.6	30.7	27.5	26.1	1301
	10	11.7	28.7	37.1	22.4	1301
	13	2.5	28.7	43.5	25.4	1301
	16	3.0	32.6	39.4	25.0	1302
	19	8.0	28.0	33.9	30.1	1302
	22	23.9	27.1	24.0	25.3	1302
	ALL	15.5	29.1	30.6	24.8	10412

11 - SKY COVER

C1388C CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
SEP	01	35.2	23.2	17.3	24.4	1260
	04	31.3	25.0	18.8	24.9	1260
	07	16.5	27.1	26.7	29.8	1260
	10	15.2	24.8	32.6	27.4	1260
	13	7.4	25.7	38.3	28.6	1259
	16	7.2	31.2	32.8	28.8	1259
	19	16.5	27.0	25.4	31.1	1260
	22	31.3	25.5	17.0	26.3	1260
	ALL	20.1	26.2	26.1	27.6	10078
OCT	01	47.1	17.2	11.0	24.7	1301
	04	42.4	18.4	13.1	26.2	1302
	07	28.4	21.0	19.6	31.0	1302
	10	30.8	19.3	22.7	27.3	1302
	13	22.5	23.3	26.7	27.5	1302
	16	22.6	29.3	21.8	26.3	1302
	19	34.0	23.8	17.6	24.6	1302
	22	44.5	18.8	13.9	22.8	1302
	ALL	34.0	21.4	18.3	26.3	10415
NOV	01	41.8	17.1	12.8	28.3	1260
	04	41.0	15.9	14.6	28.5	1260
	07	27.0	20.8	20.6	31.7	1260
	10	31.7	17.9	20.4	29.9	1260
	13	28.6	19.5	23.3	28.6	1260
	16	27.1	21.7	20.0	31.3	1260
	19	34.6	27.6	15.2	29.6	1260
	22	40.5	18.7	13.5	27.4	1260
	ALL	34.0	19.0	17.5	29.4	10080
DEC	01	37.8	15.4	12.8	34.0	1301
	04	35.6	16.3	13.2	34.9	1302
	07	23.2	15.7	20.4	36.5	1302
	10	24.2	17.3	20.3	38.2	1301
	13	22.1	18.1	22.7	37.1	1302
	16	21.7	19.2	19.7	39.5	1302
	19	31.3	15.8	15.2	37.7	1302
	22	35.0	16.7	14.9	33.4	1301
	ALL	28.9	17.3	17.4	36.4	10413

11 - SKY COVER

013880 CHARLESTON, SC
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
ANN	01	36.3	15.6	15.3	28.8	15155
	04	33.6	20.6	16.5	29.4	15156
	07	21.8	22.3	22.8	33.1	15155
	10	21.2	21.1	26.7	31.0	15155
	13	15.3	22.9	30.8	31.0	15154
	16	15.0	26.3	26.8	31.9	15155
	19	21.0	23.6	22.4	33.0	15153
	22	32.0	22.2	16.8	29.0	15154
	ALL	24.5	22.3	22.3	30.9	121237

10 - RELATIVE HUMIDITY

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
JAN											
01	100.0	100.0	99.7	97.8	92.5	85.5	75.4	59.5	33.1	80.2	1301
04	100.0	100.0	99.9	98.5	94.8	87.6	77.2	64.5	36.7	81.7	1301
07	100.0	100.0	99.8	99.1	96.2	88.6	79.2	64.7	37.1	82.4	1302
10	100.0	100.0	99.4	91.9	78.2	62.7	47.0	32.2	14.1	68.4	1302
13	100.0	98.4	84.6	67.6	52.1	37.2	25.6	18.8	9.0	54.9	1301
16	100.0	97.8	83.8	66.8	52.5	39.3	26.3	17.7	8.6	54.8	1302
19	100.0	98.2	92.7	82.9	69.3	52.3	34.1	14.6	70.1	77.3	1301
22	100.0	99.7	96.9	90.6	82.2	69.7	51.8	24.2	77.3	77.3	1302
ALL	100.0	99.5	95.6	88.9	80.0	69.0	56.6	42.9	22.2	71.2	10412
FEB											
01	100.0	100.0	100.0	97.6	91.5	83.1	71.7	55.2	28.8	78.5	1185
04	100.0	100.0	100.0	98.9	93.9	85.3	74.2	59.5	32.0	80.3	1186
07	100.0	100.0	100.0	98.6	94.8	87.2	77.2	61.1	33.6	81.1	1186
10	100.0	100.0	97.3	85.1	68.5	52.7	39.0	26.2	12.5	63.9	1186
13	100.0	97.6	79.8	61.3	45.3	33.1	22.5	15.3	6.3	51.6	1186
16	100.0	96.5	77.1	61.1	46.4	33.2	22.5	15.6	6.8	51.4	1185
19	100.0	99.7	97.2	88.4	76.9	61.1	44.5	28.0	12.9	66.4	1185
22	100.0	99.0	96.1	90.0	80.3	66.2	47.7	20.5	47.7	75.8	1185
ALL	100.0	99.2	93.8	85.9	75.9	64.5	52.2	38.6	19.2	68.6	9484
MAR											
01	100.0	100.0	99.5	97.1	92.1	86.3	77.5	62.0	31.6	80.5	1302
04	100.0	100.0	99.7	98.6	94.3	88.0	79.9	65.3	38.5	82.4	1300
07	100.0	100.0	100.0	98.6	95.8	89.0	80.6	65.2	39.0	82.6	1301
10	100.0	100.0	94.9	78.6	64.1	47.7	31.6	20.6	9.1	60.4	1302
13	100.0	97.7	79.5	58.9	42.2	29.8	19.0	12.9	5.5	50.0	1302
16	100.0	96.7	78.5	62.1	45.8	31.3	20.7	13.5	5.5	51.0	1302
19	100.0	99.4	95.5	86.9	74.5	59.3	41.2	27.5	9.9	65.1	1301
22	100.0	99.9	98.9	95.4	90.0	82.3	70.3	48.6	21.3	76.5	1302
ALL	100.0	99.2	93.3	84.6	74.0	64.2	52.6	39.5	20.0	68.6	10412
APR											
01	100.0	100.0	99.6	98.5	95.3	90.5	83.7	70.1	33.7	82.9	1260
04	100.0	100.0	99.9	98.9	97.1	93.7	86.2	74.2	41.3	85.1	1260
07	100.0	100.0	100.0	99.4	97.1	92.6	82.9	69.6	32.9	83.4	1260
10	100.0	99.8	95.5	81.3	61.1	40.6	22.6	12.5	4.0	57.1	1260
13	100.0	98.4	83.3	60.7	41.6	23.3	13.3	7.5	2.6	48.6	1260
16	100.0	97.7	84.3	66.5	49.6	27.7	16.6	8.9	2.8	51.0	1259
19	100.0	99.4	96.3	89.2	78.5	64.8	42.5	23.5	6.5	65.6	1260
22	100.0	99.8	99.6	97.5	93.5	89.0	79.0	59.0	20.8	79.5	1260
ALL	100.0	99.4	94.8	86.5	76.6	65.3	53.3	40.7	18.1	69.2	10079

12 - RELATIVE HUMIDITY

W13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
	10%	20%	30%	40%	50%	60%	70%	80%	90%			
MAY	01	100.0	100.0	100.0	100.0	99.6	99.7	94.2	83.6	43.3	88.0	1302
	04	100.0	100.0	100.0	100.0	99.7	99.2	96.3	88.0	52.7	89.9	1301
	07	100.0	100.0	100.0	99.9	99.2	97.0	89.8	74.3	29.4	84.9	1301
	10	100.0	100.0	99.1	92.6	76.4	52.2	27.3	10.2	2.3	61.4	1300
	13	100.0	100.0	94.9	77.3	54.8	32.1	14.8	6.9	2.1	53.6	1302
	16	100.0	99.9	95.1	81.2	63.1	41.5	20.4	10.8	3.5	57.1	1302
	19	100.0	100.0	99.8	97.8	90.9	77.7	55.2	26.6	7.1	70.9	1300
	22	100.0	100.0	100.0	100.0	99.2	97.2	90.7	71.3	24.5	84.0	1301
	ALL	100.0	100.0	98.6	93.6	85.3	74.4	61.1	46.5	20.6	73.7	10409
JUN	01	100.0	100.0	100.0	100.0	99.8	99.3	97.5	90.4	42.1	89.1	1259
	04	100.0	100.0	100.0	100.0	99.9	99.5	98.3	92.7	53.5	90.9	1259
	07	100.0	100.0	100.0	100.0	99.9	98.7	95.3	79.3	27.7	86.0	1259
	10	100.0	100.0	99.9	98.3	91.0	68.1	30.9	10.9	2.1	65.6	1260
	13	100.0	100.0	99.4	92.1	71.5	40.1	18.0	8.8	2.6	58.7	1258
	16	100.0	100.0	99.2	92.5	78.6	54.5	26.5	12.5	3.9	62.3	1259
	19	100.0	100.0	100.0	99.1	85.8	85.3	61.6	30.8	7.3	73.7	1259
	22	100.0	100.0	100.0	99.9	99.8	98.9	95.6	75.9	28.2	85.6	1258
	ALL	100.0	100.0	99.8	97.7	92.5	80.6	65.5	50.2	20.9	76.5	10071
JUL	01	100.0	100.0	100.0	100.0	100.0	100.0	99.5	91.4	47.1	89.9	1302
	04	100.0	100.0	100.0	100.0	100.0	99.9	99.6	94.3	56.0	91.4	1302
	07	100.0	100.0	100.0	100.0	100.0	99.8	98.8	87.8	28.1	87.5	1302
	10	100.0	100.0	100.0	100.0	97.8	84.3	37.7	11.1	2.7	68.9	1301
	13	100.0	100.0	100.0	97.5	85.2	60.8	20.4	9.8	2.7	62.1	1302
	16	100.0	100.0	99.8	98.5	89.2	64.7	32.3	16.1	6.3	66.2	1302
	19	100.0	100.0	100.0	100.0	99.3	93.9	73.0	35.9	10.6	77.0	1302
	22	100.0	100.0	100.0	100.0	100.0	100.0	97.7	92.0	32.0	86.8	1302
	ALL	100.0	100.0	100.0	99.5	96.4	86.7	69.9	53.5	23.2	78.7	10415
AUG	01	100.0	100.0	100.0	100.0	100.0	99.9	99.6	95.5	50.5	90.7	1302
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.7	97.5	59.1	92.2	1302
	07	100.0	100.0	100.0	100.0	100.0	99.9	99.8	94.6	42.2	90.0	1301
	10	100.0	100.0	100.0	99.8	98.4	89.6	41.6	13.2	3.1	70.2	1302
	13	100.0	100.0	100.0	98.6	88.5	50.7	20.2	9.3	3.2	62.6	1301
	16	100.0	100.0	100.0	99.6	90.2	64.3	30.3	15.7	4.9	66.0	1302
	19	100.0	100.0	100.0	100.0	99.9	97.3	82.6	40.8	9.8	76.7	1302
	22	100.0	100.0	100.0	100.0	100.0	100.0	99.3	98.0	32.7	87.8	1302
	ALL	100.0	100.0	100.0	99.8	97.1	87.7	71.6	56.9	25.6	79.8	10414

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
SEP	01	100.0	100.0	100.0	100.0	100.0	99.6	97.3	91.2	50.7	90.3	1260
	04	100.0	100.0	100.0	100.0	100.0	99.1	97.9	93.4	60.2	91.6	1260
	07	100.0	100.0	100.0	100.0	100.0	99.3	97.1	91.6	51.4	90.5	1260
	10	100.0	100.0	100.0	99.8	96.3	84.2	47.7	20.2	5.2	70.9	1260
	13	100.0	100.0	100.0	97.1	63.0	48.1	23.3	11.5	4.3	62.3	1259
	16	100.0	100.0	99.9	97.5	86.0	61.4	30.7	15.7	5.6	65.2	1258
	19	100.0	100.0	100.0	99.8	96.7	85.4	50.6	12.9	12.9	80.2	1260
	22	100.0	100.0	100.0	99.9	99.9	96.5	86.3	35.8	35.8	87.9	1260
	ALL	100.0	100.0	100.0	99.3	95.6	86.0	72.0	57.6	28.3	79.9	10077
	OCT	01	100.0	100.0	100.0	99.5	99.1	97.1	93.5	82.3	45.1	87.9
04		100.0	100.0	100.0	99.9	99.3	97.5	93.5	83.8	50.7	88.8	1302
07		100.0	100.0	100.0	99.9	99.5	98.0	93.9	84.1	48.2	88.6	1302
10		100.0	100.0	99.9	95.9	64.0	65.0	42.2	20.4	5.7	66.7	1302
13		100.0	99.9	95.9	81.2	58.8	36.5	19.7	9.8	3.5	56.0	1302
16		100.0	99.8	96.4	82.3	62.7	41.9	24.1	11.8	4.5	58.0	1302
19		100.0	100.0	99.9	99.6	98.4	94.3	78.2	49.3	12.7	78.8	1302
22		100.0	100.0	100.0	99.8	98.9	97.2	92.1	77.5	33.0	85.8	1302
ALL		100.0	100.0	99.0	94.8	67.6	78.4	67.1	52.4	25.4	76.3	10415
NOV		01	100.0	100.0	100.0	99.4	97.0	92.3	85.7	71.0	41.4	84.7
	04	100.0	100.0	100.0	99.7	98.3	94.3	86.9	73.8	44.9	85.7	1259
	07	100.0	100.0	100.0	99.8	98.7	95.6	88.9	74.9	43.8	86.3	1259
	10	100.0	100.0	99.0	92.1	77.1	59.1	40.9	24.8	9.8	65.8	1260
	13	100.0	99.2	88.4	69.0	49.6	31.0	18.7	11.6	4.4	52.7	1260
	16	100.0	99.2	88.8	71.8	55.6	39.6	24.1	14.7	5.7	55.5	1260
	19	100.0	100.0	99.6	98.3	94.1	84.4	69.0	47.5	16.0	76.5	1260
	22	100.0	100.0	100.0	99.1	96.4	91.2	82.6	65.2	34.0	82.7	1260
	ALL	100.0	99.8	97.0	91.1	63.3	73.4	62.1	47.9	25.0	73.7	10077
	DEC	01	100.0	100.0	99.9	99.3	94.7	87.1	76.1	62.0	34.9	81.4
04		100.0	100.0	99.9	99.4	96.7	90.1	78.6	63.5	36.8	82.5	1301
07		100.0	100.0	100.0	99.4	96.5	90.9	81.3	66.3	38.3	83.3	1302
10		100.0	100.0	99.6	93.2	79.4	60.8	45.7	30.9	14.7	68.2	1302
13		100.0	98.8	89.2	69.4	53.4	36.8	24.3	16.5	7.1	54.9	1302
16		100.0	98.3	86.8	69.8	53.5	40.2	26.6	17.2	8.5	55.5	1302
19		100.0	99.9	99.3	96.8	88.0	74.1	58.7	40.6	16.6	73.2	1302
22		100.0	100.0	99.8	98.2	93.1	85.3	73.7	57.7	29.7	79.7	1302
ALL		100.0	99.6	96.7	90.7	61.5	70.6	58.1	44.3	23.3	72.3	10415

12 - RELATIVE HUMIDITY

01380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
ANN	100.0	100.0	99.9	99.1	96.8	93.3	87.7	76.3	40.2	85.4	15335
01	100.0	100.0	100.0	99.5	97.8	94.6	89.1	79.4	46.9	86.9	15333
04	100.0	100.0	100.0	99.6	98.2	94.7	88.8	76.2	37.7	85.6	15335
07	100.0	100.0	98.7	92.5	81.1	64.0	37.9	19.4	7.1	65.7	15337
10	100.0	99.2	91.2	77.7	60.6	37.5	20.0	11.5	4.4	55.7	15335
13	100.0	98.8	90.9	79.3	64.5	45.1	25.1	14.2	5.6	57.9	15335
16	100.0	99.9	98.8	95.8	90.0	80.0	62.1	36.3	11.4	73.1	15334
19	100.0	100.0	99.8	98.6	96.0	92.0	84.6	67.7	28.1	82.5	15336
22	100.0	99.7	97.4	92.7	85.6	75.1	61.9	47.6	22.7	74.1	122680
ALL	100.0	99.7	97.4	92.7	85.6	75.1	61.9	47.6	22.7	74.1	122680

13 - WEATHER CONDITIONS

 13880 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

 PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OP FRIZZLE	FREEZE RAIN E FREEZE DRIZZLE	SNOW E/OP SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	G1	.2	9.6	.1	.2	.0	9.7	19.2	12.3	.0	.0	25.6	1276
	04	.0	10.6	.4	.2	.0	11.0	20.8	12.2	.0	.2	27.3	1275
	07	.0	12.0	.4	.2	.0	12.7	23.8	13.9	.0	.0	31.0	1279
	10	.1	10.9	.1	.4	.2	11.4	15.7	15.9	.0	.0	28.4	1279
	13	.2	10.5	.2	.0	.0	10.7	9.7	8.5	.0	.0	16.4	1273
	16	.1	9.7	.2	.2	.1	10.0	8.4	8.8	.0	.0	15.3	1275
	19	.2	9.1	.2	.1	.0	9.3	10.7	10.4	.0	.0	18.4	1274
	22	.2	10.0	.2	.2	.0	9.9	14.0	12.5	.0	.0	22.0	1275
	ALL	.1	10.3	.2	.2	.0	10.6	15.3	11.8	.0	.0	23.1	10206
FEB	G1	.2	9.6	.2	.3	.2	9.8	13.9	11.3	.0	.3	21.7	1162
	04	.1	11.1	.2	.2	.2	11.4	17.8	10.8	.0	.2	24.3	1166
	07	.3	10.9	.2	.4	.0	11.3	22.7	11.2	.0	.1	28.6	1166
	10	.4	10.2	.0	.3	.3	10.7	13.4	13.1	.0	.1	24.1	1164
	13	.2	9.2	.1	.3	.3	9.7	6.8	9.3	.0	.1	14.7	1160
	16	.3	9.5	.1	.2	.1	9.5	6.1	10.5	.0	.2	15.8	1161
	19	.3	9.0	.3	.1	.0	9.3	8.7	13.0	.1	.3	19.7	1160
	22	.0	9.5	.0	.4	.2	10.0	10.6	12.3	.1	.3	20.3	1160
	ALL	.2	9.9	.2	.3	.2	10.2	12.5	11.5	.0	.2	21.2	9299
MAR	G1	.4	10.2	.2	.1	.0	10.4	14.8	10.0	.0	.2	20.7	1277
	04	.5	10.2	.0	.0	.0	10.2	19.4	11.5	.0	.1	24.6	1275
	07	.5	10.4	.0	.0	.0	10.4	25.3	14.5	.0	.2	31.9	1275
	10	.7	8.7	.0	.3	.1	8.9	9.9	10.8	.0	.1	18.6	1275
	13	.3	8.3	.0	.1	.0	8.4	5.3	7.5	.0	.1	11.8	1276
	16	.6	8.9	.0	.1	.0	8.9	5.4	8.1	.0	.4	12.7	1274
	19	.5	9.0	.2	.1	.0	9.1	7.5	10.5	.0	.5	16.4	1273
	22	.2	8.1	.0	.1	.1	8.2	8.7	9.7	.0	.2	15.9	1274
	ALL	.5	9.2	.0	.1	.0	9.3	12.0	10.3	.0	.2	19.1	10199
APR	G1	.4	4.9	.0	.0	.0	4.9	11.4	10.0	.0	.2	17.0	1236
	04	.2	5.8	.0	.0	.0	5.8	18.1	10.8	.0	.0	23.2	1239
	07	.6	6.2	.0	.0	.0	6.2	22.2	14.4	.0	.0	29.3	1242
	10	.3	5.4	.0	.0	.0	5.4	4.0	7.1	.0	.1	9.7	1231
	13	1.0	5.9	.0	.0	.0	5.9	1.8	4.5	.0	.0	5.8	1232
	16	1.0	5.6	.0	.0	.0	5.6	2.4	7.5	.0	.2	9.7	1233
	19	1.2	7.0	.0	.0	.0	6.9	3.0	9.2	.1	.3	11.9	1232
	22	.5	5.3	.0	.0	.0	5.3	6.0	8.4	.1	.1	13.0	1234
	ALL	.6	5.6	.0	.0	.0	5.8	6.6	9.0	.0	.1	15.0	9879

13 - WEATHER CONDITIONS

W13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZF DRIZZLE	SNOW E/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
MAY	01	1.1	5.7	.0	.0	.0	5.7	12.2	11.5	.0	.0	19.4	1275
	04	.9	5.3	.0	.0	.0	5.3	21.9	14.2	.0	.0	28.3	1279
	07	.3	5.4	.0	.0	.0	5.4	21.2	17.8	.0	.0	32.3	1279
	10	.7	4.7	.0	.0	.0	4.7	3.2	9.8	.0	.0	12.0	1272
	13	2.4	6.8	.0	.0	.0	6.8	1.4	8.2	.0	.0	8.9	1274
	16	4.6	7.8	.0	.0	.1	7.8	1.3	9.4	.0	.1	10.5	1276
	19	3.3	6.8	.0	.0	.0	6.8	2.2	11.0	.0	.0	12.8	1275
	22	1.5	5.3	.0	.0	.0	5.3	4.2	10.0	.0	.0	12.5	1276
	ALL	1.9	6.0	.0	.0	.0	6.0	8.5	11.5	.0	.0	17.1	10206
JUN	01	1.6	5.7	.0	.0	.0	5.7	9.0	9.6	.0	.0	15.9	1236
	04	1.2	5.2	.0	.0	.0	5.2	22.3	13.6	.0	.0	29.1	1239
	07	.3	4.5	.0	.0	.0	4.5	16.8	18.4	.0	.0	28.6	1236
	10	.8	5.1	.0	.0	.0	5.0	2.5	9.5	.0	.0	11.1	1231
	13	3.8	8.4	.0	.0	.0	8.4	1.2	9.6	.0	.0	10.4	1232
	16	8.5	9.7	.0	.0	.0	9.7	1.7	12.6	.0	.0	13.8	1231
	19	4.9	9.0	.0	.0	.0	9.0	1.3	12.8	.0	.0	13.7	1230
	22	2.8	6.6	.0	.0	.0	6.6	3.1	11.0	.0	.0	12.9	1234
	ALL	3.0	6.8	.0	.0	.0	6.8	7.3	12.2	.0	.0	17.0	9869
JUL	01	1.8	4.3	.0	.0	.0	4.3	6.8	11.7	.0	.0	16.5	1276
	04	.7	3.8	.0	.0	.0	3.8	14.9	13.0	.0	.0	23.5	1280
	07	1.1	5.7	.0	.0	.0	5.7	13.7	17.3	.0	.0	25.8	1281
	10	1.8	4.9	.0	.0	.0	4.9	1.6	12.2	.0	.0	13.5	1278
	13	6.2	8.8	.0	.0	.0	8.8	.5	12.3	.0	.0	12.7	1283
	16	12.4	13.7	.0	.0	.0	13.6	1.5	14.4	.0	.0	15.7	1286
	19	5.5	10.1	.0	.0	.0	10.1	1.9	14.4	.0	.0	17.7	1280
	22	2.7	6.7	.0	.0	.0	6.7	2.9	12.7	.0	.0	14.2	1278
	ALL	4.1	7.3	.0	.0	.0	7.2	5.5	13.7	.0	.0	17.5	10242
AUG	01	2.4	6.2	.0	.0	.0	6.2	10.2	15.1	.0	.0	20.7	1279
	04	1.1	4.5	.0	.0	.0	4.5	20.1	17.8	.0	.0	29.6	1281
	07	.9	5.4	.0	.0	.0	5.4	23.0	21.7	.0	.0	35.3	1278
	10	1.7	5.5	.0	.0	.0	5.4	2.4	12.5	.0	.0	14.4	1275
	13	5.8	10.0	.0	.0	.0	10.0	1.4	11.6	.0	.0	12.7	1276
	16	9.6	11.3	.0	.0	.0	11.3	1.3	14.3	.0	.0	15.2	1277
	19	5.6	8.4	.0	.0	.0	8.4	2.9	17.7	.0	.0	19.9	1279
	22	2.0	6.6	.0	.0	.0	6.6	4.5	15.3	.0	.0	18.2	1278
	ALL	3.6	7.2	.0	.0	.0	7.2	6.2	15.8	.0	.0	20.7	10223

L13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OP CRIZZLE	FREEZE RAIN E FREEZE GRIZZLE	SNOW E/OP SLFET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
SEP	01	.7	5.2	.0	.0	.0	5.2	13.7	15.7	.0	.0	23.6	1232
	04	.7	6.7	.0	.0	.0	6.5	25.5	19.2	.0	.0	35.3	1237
	07	.2	6.8	.0	.0	.0	6.7	32.7	23.0	.0	.0	42.9	1240
	10	.3	7.6	.0	.0	.0	7.5	4.0	17.4	.0	.0	20.1	1231
	13	1.9	9.3	.0	.0	.0	9.2	2.4	11.3	.0	.0	13.5	1231
	16	2.7	9.6	.0	.0	.0	9.6	2.6	14.3	.0	.0	16.4	1229
	19	1.5	9.2	.0	.0	.0	9.2	3.4	13.8	.0	.0	16.4	1233
	22	.8	5.9	.0	.0	.0	5.9	5.3	12.6	.0	.0	16.2	1232
	ALL	1.2	7.5	.0	.0	.0	7.5	11.2	15.9	.0	.0	23.1	9865
OCT	01	.2	6.6	.0	.0	.0	6.6	15.9	11.8	.0	.0	21.8	1282
	04	.3	6.3	.0	.0	.0	6.2	25.5	12.9	.0	.0	30.6	1284
	07	.2	5.8	.0	.0	.0	5.8	31.9	15.9	.0	.0	37.7	1285
	10	.3	6.6	.0	.0	.0	6.6	7.3	11.6	.0	.0	17.4	1280
	13	.2	6.7	.0	.0	.0	6.7	2.7	6.5	.0	.0	9.1	1278
	16	.5	7.1	.0	.0	.0	7.1	3.1	7.4	.0	.0	9.9	1276
	19	.3	5.7	.0	.0	.0	5.7	4.1	8.9	.0	.0	12.2	1278
	22	.4	5.1	.0	.0	.0	5.1	7.8	17.1	.0	.0	15.1	1282
	ALL	.3	6.2	.0	.0	.0	6.2	12.3	10.6	.0	.0	19.2	10245
NOV	01	.1	6.3	.0	.0	.0	6.2	19.6	11.4	.0	.0	24.6	1242
	04	.1	7.0	.0	.0	.0	7.0	23.7	11.0	.0	.0	27.4	1247
	07	.1	6.7	.0	.0	.0	6.7	29.3	14.7	.0	.0	34.2	1247
	10	.0	6.7	.0	.0	.0	6.7	10.8	12.8	.0	.0	20.9	1237
	13	.1	5.8	.0	.0	.0	5.8	4.4	6.9	.0	.0	10.9	1232
	16	.2	7.5	.0	.0	.0	7.5	4.9	6.9	.0	.0	11.1	1234
	19	.2	5.3	.0	.0	.0	5.3	6.2	8.8	.0	.0	13.5	1234
	22	.2	6.0	.0	.0	.0	6.0	11.0	10.7	.0	.0	18.0	1240
	ALL	.1	6.4	.0	.0	.0	6.4	13.8	10.4	.0	.0	20.1	9913
DEC	01	.2	8.1	.0	.2	.0	8.2	16.9	9.4	.0	.0	22.3	1275
	04	.2	9.6	.0	.1	.0	9.5	20.2	9.5	.0	.0	24.9	1275
	07	.2	10.8	.0	.1	.0	10.9	23.4	11.5	.0	.0	28.2	1276
	10	.0	10.6	.0	.0	.0	10.5	14.1	12.3	.0	.0	24.2	1274
	13	.1	8.8	.0	.1	.0	8.9	7.5	7.8	.0	.0	14.1	1274
	16	.1	9.3	.0	.0	.0	9.3	6.8	8.3	.0	.0	13.8	1274
	19	.0	8.2	.0	.1	.1	8.4	6.2	8.4	.0	.0	15.2	1276
	22	.1	8.3	.0	.1	.0	8.5	13.4	10.0	.0	.0	20.1	1275
	ALL	.1	9.2	.0	.1	.0	9.3	13.8	9.7	.0	.0	20.3	10199

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN &/OR CRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLFET	HAIL	OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	FLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	10.3	.2	.2	.0*	10.6	15.3	11.8	.0	.0*	23.1	10206
FEB	ALL	.2	9.9	.2	.3	.2	10.2	12.5	11.5	.0*	.2	21.2	9299
MAR	ALL	.5	9.2	.0*	.1	.0*	9.3	12.0	10.3	.0	.2	19.1	10199
APR	ALL	.6	5.8	.0	.0	.0	5.8	6.6	9.0	.0*	.1	15.0	9879
MAY	ALL	1.9	6.0	.0	.0	.0*	6.0	6.5	11.5	.0	.0*	17.1	10206
JUN	ALL	3.0	6.8	.0	.0	.0	6.8	7.3	12.2	.0	.0	17.0	9869
JUL	ALL	4.1	7.3	.0	.0	.0	7.2	5.5	13.7	.0	.0	17.5	10242
AUG	ALL	3.6	7.2	.0	.0	.0	7.5	8.2	15.8	.0	.0	20.7	10223
SEP	ALL	1.2	7.5	.0	.0	.0	7.5	11.2	15.9	.0	.0	23.1	9865
OCT	ALL	.3	6.2	.0	.0	.0	6.2	12.3	10.6	.0	.0	19.2	10245
NOV	ALL	.1	6.4	.0	.0	.0	6.4	13.8	10.4	.0	.0	20.1	9913
DEC	ALL	.1	9.2	.0*	.1	.0*	9.3	13.8	9.7	.0	.0	20.3	10199
TOTALS	ALL	1.3	7.6	.0*	.0*	.0*	7.7	10.7	11.9	.0*	.0*	19.4	120345

VEPSUS

WEATHER CONDITIONS

(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN

WIND DIR.	RAIN	RAIN SHOWRS	CRIZZLE	FREEZE RAIN	FREEZE	SLEET " SHOWRS	SNOW " GRAINS PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	12.2	.4	3.8	.5	.0	.0	.2	.0	.0	18.4	1.3	11.9	.0	.0	65.9
NNE	12.7	.4	3.5	1.3	.3	.0	.3	.0	.0	16.6	1.2	12.2	.0	.0	66.9
NE	15.2	.0	2.8	.0	.0	.0	.1	.0	.0	17.7	2.2	16.9	.0	.0	62.6
ENE	12.5	.6	1.7	.0	.0	.0	.0	.0	.6	16.4	3.9	25.0	.0	.0	61.4
E	7.2	.7	1.0	.0	.0	.0	.0	.0	.0	15.8	2.6	28.6	.0	.0	60.5
ESE	7.2	1.4	1.4	.0	.0	.0	.0	.0	.0	18.4	4.3	32.1	.0	.0	52.3
SE	8.5	1.4	.9	.0	.0	.0	.0	.0	.0	17.5	5.7	28.0	.0	.0	54.0
SSE	10.5	1.6	.4	.0	.0	.0	.0	.0	.0	13.6	2.7	17.1	.0	.0	63.8
S	7.8	1.7	.3	.0	.0	.0	.0	.0	.2	14.5	3.2	7.1	.0	.2	72.5
SSW	7.2	2.0	.5	.0	.0	.0	.0	.0	.4	8.7	2.7	6.3	.0	.0	77.5
SW	4.2	2.7	.3	.0	.0	.0	.0	.0	.0	8.1	2.2	6.7	.0	.0	79.2
WSW	3.9	.1	.6	.0	.0	.0	.0	.0	.1	6.5	1.0	3.6	.0	.0	83.7
W	4.0	.5	.4	.0	.0	.0	.3	.0	.0	5.2	1.0	4.6	.0	.1	83.3
WNW	3.2	.1	2.1	.0	.0	.0	.1	.0	.0	8.6	.7	4.4	.0	.1	82.1
NW	5.0	.4	2.7	.0	.2	.0	.5	.0	.0	13.1	1.1	7.6	.0	.0	75.1
NNW	8.6	.6	4.1	.6	.0	.0	.6	.0	.3	19.0	1.7	9.0	.0	.0	68.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.5	.0	.8	.0	.0	.0	.0	.0	.2	10.6	9.0	24.8	.0	.0	62.3
TOTALS	787	83	182	21	4	.0*	17	0	10	1318	243	1207	0	3	7457
% TOTAL	7.0	.6	1.7	.2	.0*	.0	.2	.0	.1	12.7	2.3	11.6	.0	.0*	71.6

TOTAL NUMBER OF OBSERVATIONS : 10412

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION VERSUS WEATHER CONDITIONS (FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	12.0	.4	3.2	.5	.4	1.3	.0	.1	18.7	1.6	8.8	.3	.0	67.2
NNE	16.5	.4	3.0	1.1	.9	1.2	.0	.1	17.2	1.4	14.5	.0	.0	59.5
NE	13.2	.6	1.2	.5	.3	.2	.0	.2	12.9	3.0	14.0	.0	.0	66.6
ENE	15.2	.9	.7	.0	.2	.0	.0	.5	12.2	2.3	26.2	.0	.0	55.3
E	9.4	1.2	1.2	.0	.0	.0	.0	.3	12.4	2.1	28.8	.0	.0	57.6
ESE	7.8	1.2	1.2	.0	.0	.0	.0	.0	14.1	3.5	31.8	.0	.0	52.2
SE	8.0	4.0	.4	.0	.0	.0	.0	.4	8.7	3.6	18.1	.0	.0	66.7
SSE	8.2	1.8	.3	.0	.0	.0	.0	.6	11.8	2.1	11.5	.0	.6	71.3
S	6.6	2.2	.0	.0	.0	.0	.0	.4	8.1	1.9	7.5	.0	.3	76.7
SSW	5.9	3.5	.0	.0	.0	.1	.0	.5	6.4	2.0	6.7	.0	.4	78.4
SW	5.3	1.1	.2	.0	.0	.0	.0	.3	5.3	1.8	6.0	.0	.6	82.6
WSW	4.0	1.3	.2	.0	.0	.0	.0	.3	4.8	.6	5.0	.0	.6	84.4
W	2.2	.5	.1	.0	.0	.0	.0	.1	3.4	.8	4.7	.0	.1	85.6
WNW	2.0	.3	.3	.0	.0	.3	.0	.0	3.6	.8	5.1	.0	.0	87.2
NW	5.9	.9	1.2	.0	.0	.0	.0	.0	9.8	1.4	4.2	.0	.0	80.1
NNW	6.6	.6	2.3	.2	.2	.4	.0	.0	15.6	2.7	8.2	.0	.0	69.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.9	.0	.6	.0	.0	.0	.0	.0	12.2	9.8	21.8	.0	.0	62.4
TOTALS	717	110	90	16	14	25	0	21	950	213	1065	2	16	6895
* TOTAL	7.6	1.2	.9	.2	.1	.3	.0	.2	10.0	2.2	11.2	.0*	.2	72.7

TOTAL NUMBER OF OBSERVATIONS : 9485

NOTES :
* = PERCENT < .05

1. MONTHLY MEAN PRECIPITATION BY WIND DIRECTION

WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

13830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1984

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET	" SHCARS	SNOW GRAINS	SMALL HAIL	THUNDER	FOG	ICE FOG	SMOKE HAZE	FLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	7.1	1.0	1.6	.2	.2	.2	.5	.0	.7	13.8	2.1	8.7	.0	.0	72.9
NNE	13.5	1.3	2.9	.7	.2	.2	.0	.0	.4	17.9	2.9	14.4	.0	.0	63.4
NE	16.1	.7	2.0	.0	.0	.0	.2	.0	.2	16.9	2.6	15.9	.0	.0	61.7
ENE	11.2	2.4	.5	.0	.0	.0	.0	.0	.5	21.0	2.1	23.1	.0	.0	51.0
E	9.0	2.7	.6	.0	.0	.0	.0	.0	1.2	12.7	3.3	25.3	.0	.0	60.2
ESE	9.2	1.8	.5	.0	.0	.0	.0	.0	.5	12.4	2.8	21.2	.0	.0	65.2
SE	3.7	3.0	.0	.0	.0	.0	.0	.0	1.0	9.5	3.7	17.5	.0	.0	68.3
SSE	5.8	2.3	.2	.0	.0	.0	.0	.0	.6	7.8	1.6	9.1	.0	.0	77.8
S	5.5	2.7	.3	.0	.0	.0	.0	.0	.6	6.7	1.7	7.8	.0	.0	78.9
SSW	4.7	2.3	.3	.0	.0	.0	.0	.0	.4	6.2	2.1	5.1	.0	.0	81.5
SW	1.7	2.5	.3	.0	.0	.0	.0	.0	.7	4.0	1.9	5.5	.0	.0	83.4
WSW	3.5	1.2	.3	.0	.0	.0	.0	.0	.3	4.6	1.0	3.5	.0	.0	85.5
W	1.4	1.4	.3	.0	.0	.0	.0	.0	.1	3.3	.9	3.6	.0	.0	88.1
WNW	2.2	.3	.9	.0	.0	.0	.3	.0	.2	3.7	1.9	2.8	.0	.0	89.1
NW	3.3	1.3	2.6	.0	.0	.0	.7	.0	.2	9.4	1.1	2.6	.0	.0	92.8
NNW	4.9	1.0	3.1	.0	.0	.0	.0	.0	.4	12.8	2.1	7.2	.0	.0	74.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	3.2	.8	.9	.0	.0	.0	.0	.0	.2	11.2	11.4	21.6	.0	.0	63.2
TOTALS	560	176	96	5	2	.0*	9	.0	47	969	258	1054	0	20	7850
* TOTAL	6.4	1.7	.9	.0*	.0*	.0*	.1	.0	.5	9.3	2.5	10.1	.0	.2	75.4

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES : * = PERCENT < .05

14 - FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : APR

DIR.	RAIN	RAIN SHOWERS	CRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	FLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	3.6	1.3	1.7	.C	.0	.0	.C	.2	7.2	4.4	10.6	.0	.0	76.1
NNE	4.7	.7	3.7	.C	.0	.0	.0	.5	11.2	5.2	13.3	.0	.C	71.7
NE	7.4	1.6	1.4	.C	.0	.C	.C	.7	12.1	4.9	20.4	.0	.C	63.8
ENE	9.0	1.0	1.8	.C	.0	.C	.C	.5	12.1	3.6	23.5	.0	.C	61.0
E	7.2	1.5	.4	.C	.0	.C	.C	.2	9.6	3.0	22.1	.0	.2	64.5
ESE	4.7	1.7	.4	.C	.0	.C	.C	.6	6.2	3.4	19.6	.0	.0	70.2
SE	4.2	2.5	.0	.C	.0	.0	.C	1.4	7.8	2.5	10.3	.0	.0	75.4
SSE	4.9	1.8	.C	.C	.0	.C	.C	.5	3.7	2.9	9.6	.0	.0	79.7
S	2.6	2.6	.1	.C	.0	.C	.C	.8	2.4	1.5	4.9	.0	.0	86.2
SSW	1.9	1.9	.0	.C	.0	.C	.C	.5	2.7	1.2	4.4	.0	.1	98.1
SW	2.4	2.3	.C	.C	.0	.C	.C	.8	2.1	2.1	3.2	.1	.1	88.8
WSW	1.6	1.9	.1	.C	.C	.C	.C	.7	3.2	1.2	4.4	.0	.6	87.0
W	1.5	1.1	.1	.C	.0	.C	.C	.3	2.5	1.4	2.1	.0	.4	88.7
WNW	2.2	2.3	.2	.C	.0	.C	.C	1.6	2.2	2.2	2.8	.0	.0	86.3
NW	2.0	2.3	.3	.C	.C	.C	.C	.7	4.7	2.0	3.7	.0	.0	84.7
NNW	3.1	.6	.3	.C	.0	.C	.C	.3	7.4	3.1	5.4	.0	.3	83.5
VAR	.C	.0	.C	.C	.0	.C	.C	.0	.C	.0	.C	.0	.0	.0
CLM	1.3	.3	.2	.C	.0	.C	.C	.2	8.6	12.7	10.9	.2	.C	72.6
TOTALS	345	176	49	.C	.0	.0	.C	63	542	311	890	2	11	8072
% TOTAL	3.4	1.7	.5	.C	.C	.C	.C	.6	5.4	3.1	8.8	.C*	.1	80.1

TOTAL NUMBER OF OBSERVATIONS : 10079

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAY

WIND DIR.	RAIN	RAIN SHOWERS	GRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	2.7	2.5	1.9	.0	.0	.0	.0	1.3	11.1	3.6	11.1	.0	.0	68.5
NNE	5.5	3.3	.7	.0	.0	.0	.0	1.6	10.2	6.9	18.6	.0	.0	62.3
NE	3.8	3.9	.6	.0	.0	.0	.2	1.7	8.6	5.1	21.8	.0	.0	64.0
ENE	7.2	5.0	.2	.0	.0	.0	.0	2.4	10.8	4.3	24.9	.0	.0	57.9
E	6.4	4.2	.2	.0	.0	.0	.0	1.5	6.8	4.6	23.0	.0	.0	60.9
ESE	2.7	5.8	.0	.0	.0	.0	.0	2.9	5.6	2.9	15.4	.0	.0	69.1
SE	1.6	5.3	.0	.0	.0	.0	.0	3.6	3.0	1.1	13.9	.0	.0	74.7
SSE	2.1	3.1	.0	.0	.0	.0	.0	1.7	2.7	1.4	8.0	.0	.0	81.3
S	1.7	2.8	.1	.0	.0	.0	.0	1.8	1.3	1.5	8.0	.0	.0	84.1
SSW	1.6	2.8	.1	.0	.0	.0	.0	1.8	1.7	1.6	6.2	.0	.0	85.6
SW	1.5	2.9	.0	.0	.0	.0	.0	1.7	2.7	1.9	7.2	.0	.0	85.2
WSW	1.0	2.0	.0	.0	.0	.0	.0	1.2	2.6	1.2	5.1	.0	.0	88.7
W	1.0	3.5	.3	.0	.0	.0	.0	2.3	3.0	2.3	5.4	.0	.0	85.5
WNW	.3	2.4	.0	.0	.0	.0	.0	2.4	4.2	1.2	4.8	.0	.0	85.8
NW	.6	3.2	.0	.0	.0	.0	.0	1.9	2.5	3.8	6.6	.0	.0	82.9
NNW	2.9	3.2	.9	.0	.0	.0	.0	2.1	9.4	5.6	10.0	.0	.0	74.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.9	.9	.0	.0	.0	.0	.0	.2	11.0	10.8	15.4	.0	.0	69.3
TOTALS	246	334	28	0	0	0	1	189	529	336	1175	0	0	8001
% TOTAL	2.4	3.2	.3	.0	.0	.0	.0*	1.8	5.1	3.2	11.3	.0	.0	76.9

TOTAL NUMBER OF OBSERVATIONS : 10409

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13360 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN

WIND DIR.	RAIN	RAIN SHOWRS	CRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	SAND DUST	NO WEATHER
N	4.0	2.7	.6	.0	.0	.0	.0	3.0	7.5	4.8	11.7	.0	.0	72.9
NNE	5.1	2.4	.2	.0	.0	.0	.0	2.1	8.3	4.9	14.9	.0	.0	69.7
NE	5.0	2.6	.5	.0	.0	.0	.0	1.6	7.6	3.6	15.9	.0	.0	69.0
ENE	5.9	5.6	.6	.0	.0	.0	.0	5.0	5.9	2.5	17.3	.0	.0	66.8
E	4.2	7.0	.2	.0	.0	.0	.0	3.5	6.8	2.0	18.9	.0	.0	63.9
ESE	3.8	5.0	.0	.0	.0	.0	.0	3.3	4.3	2.1	20.2	.0	.0	67.9
SE	2.5	5.5	.0	.0	.0	.0	.0	3.5	2.8	2.6	13.1	.0	.0	75.1
SSE	2.7	4.0	.1	.0	.0	.0	.0	4.8	2.5	1.6	11.0	.0	.0	76.7
S	.8	3.7	.0	.0	.0	.0	.0	3.5	1.6	1.7	11.3	.0	.0	80.3
SSW	1.7	5.0	.0	.0	.0	.0	.0	2.8	.8	1.0	9.1	.0	.0	80.0
SW	1.3	3.7	.0	.0	.0	.0	.0	1.7	1.6	1.3	7.4	.0	.0	82.1
WSW	.5	2.5	.2	.0	.0	.0	.0	1.7	2.0	.3	6.5	.0	.0	85.1
W	1.3	3.3	.0	.0	.0	.0	.0	2.2	2.9	2.4	7.1	.0	.0	81.8
WNW	1.7	3.7	.3	.0	.0	.0	.0	1.7	5.0	2.7	8.4	.0	.0	78.3
NW	2.4	6.0	.8	.0	.0	.0	.0	4.0	5.6	3.2	6.7	.0	.0	75.4
NNW	3.4	5.6	.0	.0	.0	.0	.0	4.6	6.2	5.6	13.6	.0	.0	68.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.4	1.4	.2	.0	.0	.0	.0	.7	8.3	12.8	15.7	.0	.0	68.3
TOTALS	259	392	17	.0	.0	.0	.0	295	415	301	1200	.0	.0	7602
% TOTAL	2.6	3.9	.2	.0	.0	.0	.0	2.9	4.1	3.0	11.9	.0	.0	75.5

TOTAL NUMBER OF OBSERVATIONS : 10073

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL

WIND DIR.	RAIN	RAIN SHOWRS	CRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	FLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	2.3	6.6	.6	.0	.0	.0	.0	4.7	7.7	6.0	12.8	.0	.0	64.9
NNE	3.1	4.6	.0	.0	.0	.0	.0	2.9	9.9	6.2	18.4	.0	.0	63.1
NE	3.7	6.3	.0	.0	.0	.0	.0	3.5	5.5	4.4	19.0	.0	.0	65.5
ENE	6.3	6.6	.0	.0	.0	.0	.0	2.7	4.5	3.3	16.6	.0	.0	68.1
E	5.0	7.0	.0	.0	.0	.0	.0	5.0	5.0	2.2	17.7	.0	.0	65.8
ESE	3.2	8.2	.0	.0	.0	.0	.0	4.0	1.6	.8	17.2	.0	.0	69.4
SE	1.2	8.3	.0	.0	.0	.0	.0	5.2	2.7	1.2	14.8	.0	.0	72.9
SSE	1.5	6.3	.2	.0	.0	.0	.0	5.4	1.4	1.1	14.1	.0	.0	74.5
S	1.2	4.3	.0	.0	.0	.0	.0	4.2	1.5	.5	13.4	.0	.0	76.3
SSW	1.5	3.3	.0	.0	.0	.0	.0	3.3	1.4	.8	10.9	.0	.0	80.1
SW	1.1	5.1	.0	.0	.0	.0	.0	4.2	1.5	1.0	10.2	.0	.0	80.4
WSW	.7	3.5	.0	.0	.0	.0	.0	2.9	1.6	1.4	10.9	.0	.0	81.0
W	1.7	4.5	.2	.0	.0	.0	.0	4.4	2.2	1.5	14.4	.0	.0	75.9
WNW	1.9	8.6	1.1	.0	.0	.0	.0	7.8	6.3	1.9	10.8	.0	.0	69.5
NW	.5	9.0	.5	.0	.0	.0	.0	7.5	4.0	3.0	15.6	.0	.0	66.8
NNW	2.2	5.2	.0	.0	.0	.0	.0	5.2	8.6	5.9	16.4	.0	.0	63.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.4	1.9	.2	.0	.0	.0	.0	1.2	3.2	7.1	11.4	.0	.0	76.2
TOTALS	201	532	10	0	0	0	0	418	324	237	1407	0	0	7718
% TOTAL	1.9	5.1	.1	.0	.0	.0	.0	4.0	3.1	2.3	13.5	.0	.0	74.1

TOTAL NUMBER OF OBSERVATIONS : 10416

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	3.9	4.1	.5	.0	.0	.0	.0	2.8	10.3	8.4	21.8	.0	.0	58.6
NNE	6.0	3.9	.4	.0	.0	.0	.0	1.5	10.0	7.2	20.9	.0	.0	60.0
NE	3.8	5.6	.1	.0	.0	.0	.0	2.4	6.8	5.6	22.6	.0	.0	61.9
ENE	3.8	5.9	.0	.0	.0	.0	.0	3.1	5.9	4.1	20.1	.0	.0	64.1
E	2.7	8.2	.0	.0	.0	.0	.0	4.9	2.9	2.9	16.7	.0	.0	67.9
ESE	2.9	5.1	.0	.0	.0	.0	.0	5.1	1.1	2.7	21.2	.0	.0	67.0
SE	1.7	7.5	.0	.0	.0	.0	.0	7.1	1.7	1.5	15.4	.0	.0	70.1
SSE	2.3	5.3	.0	.0	.0	.0	.0	6.3	1.0	1.9	12.3	.0	.0	73.3
S	1.5	3.9	.0	.0	.0	.0	.0	4.3	1.3	.6	11.1	.0	.0	79.4
SSW	1.2	3.3	.0	.0	.0	.0	.0	4.2	1.2	.8	9.4	.0	.0	82.6
SW	2.3	3.3	.3	.0	.0	.0	.0	3.0	2.1	1.9	8.4	.0	.0	82.6
WSW	1.1	4.1	.0	.0	.0	.0	.0	2.5	2.0	2.0	11.3	.0	.0	80.4
W	1.5	5.3	.0	.0	.0	.0	.0	5.7	2.4	2.9	9.3	.0	.0	78.0
WNW	2.7	4.6	1.5	.0	.0	.0	.0	4.6	6.5	3.1	16.4	.0	.0	66.0
NW	2.9	5.3	.3	.0	.0	.0	.0	3.7	5.3	5.3	16.7	.0	.0	66.5
NNW	4.3	4.0	.6	.0	.0	.0	.0	2.8	7.1	6.3	18.8	.0	.0	62.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.6	1.0	.0	.0	.0	.0	.0	.5	5.1	9.4	18.7	.0	.0	71.5
TOTALS	265	456	18	0	0	0	0	371	436	404	1611	0	0	7432
% TOTAL	2.5	4.4	.2	.0	.0	.0	.0	3.6	4.2	3.9	15.5	.0	.0	71.4

TOTAL NUMBER OF OBSERVATIONS : 10414

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13980 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	5.9	1.5	.8	.0	.0	.0	.0	.7	10.7	7.2	17.7	.0	.0	65.5
NNE	6.3	1.6	.5	.0	.0	.0	.0	.8	8.0	5.0	14.7	.0	.0	68.9
NE	8.2	2.4	.3	.0	.0	.0	.0	.9	7.2	4.4	18.2	.0	.0	66.1
ENE	6.8	2.6	.0	.0	.0	.0	.0	.7	3.7	3.5	16.5	.0	.0	69.5
E	3.5	4.0	.0	.0	.0	.0	.0	1.7	3.1	2.1	18.3	.0	.0	72.0
ESE	4.7	4.7	.0	.0	.0	.0	.0	1.2	1.5	3.0	18.2	.0	.0	72.0
SE	2.2	3.7	.0	.0	.0	.0	.0	2.0	2.7	3.0	16.5	.0	.0	74.9
SSE	3.9	2.4	.0	.0	.0	.0	.0	1.2	3.1	1.0	9.2	.0	.0	83.3
S	2.1	3.0	.0	.0	.0	.0	.0	1.9	2.7	1.2	12.6	.0	.0	77.3
SSW	3.1	3.6	.0	.0	.0	.0	.0	2.2	1.6	2.7	10.0	.0	.0	79.3
SW	2.3	2.0	.0	.0	.0	.0	.0	1.3	2.3	3.1	10.2	.0	.0	80.3
WSW	1.4	1.7	.3	.0	.0	.0	.0	.9	4.3	4.1	14.5	.0	.0	73.6
W	1.9	2.2	.3	.0	.0	.0	.0	1.2	5.3	3.1	15.0	.0	.0	73.1
WNW	2.5	2.9	2.0	.0	.0	.0	.0	2.9	7.4	2.9	11.9	.0	.0	73.0
NW	2.9	3.3	1.6	.0	.0	.0	.0	2.0	8.2	6.1	15.1	.0	.0	67.3
NNW	3.0	4.2	1.4	.0	.0	.0	.0	2.3	8.6	7.9	17.0	.0	.0	63.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.4	1.0	.0	.0	.0	.0	.0	.4	10.2	14.3	19.0	.0	.0	62.5
TOTALS	456	248	37	0	0	0	0	122	617	490	1569	0	0	7101
% TOTAL	4.5	2.5	.4	.0	.0	.0	.0	1.2	6.1	4.9	15.6	.0	.0	70.5

TOTAL NUMBER OF OBSERVATIONS : 10076

NOTES :
% = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT

WIND DIR.	RAIN	RAIN SHOWERS	PRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	5.5	.4	.9	.0	.0	.0	.0	.1	10.2	4.8	10.0	.0	.0	74.8
NNE	6.0	.7	.8	.0	.0	.0	.0	.0	9.0	4.5	9.4	.0	.0	75.5
NE	6.3	1.0	.5	.0	.0	.0	.0	.4	8.6	3.5	11.5	.0	.0	73.0
ENE	7.0	2.0	.2	.0	.0	.0	.0	.4	5.3	2.2	12.7	.0	.0	74.8
E	4.5	2.9	.2	.0	.0	.0	.0	.7	4.9	1.6	13.2	.0	.0	76.1
ESE	4.5	3.6	.0	.0	.0	.0	.0	.3	3.3	2.7	13.9	.0	.0	74.4
SE	4.0	2.2	.0	.0	.0	.0	.0	.4	4.4	1.5	15.7	.0	.0	74.1
SSE	3.2	2.8	.0	.0	.0	.0	.0	.4	4.0	2.4	9.3	.0	.0	81.5
S	3.9	1.9	.4	.0	.0	.0	.0	1.2	3.7	3.1	7.2	.0	.0	80.6
SSW	2.5	1.2	.6	.0	.0	.0	.0	.3	5.0	1.6	7.5	.0	.0	83.2
SW	2.5	1.9	.5	.0	.0	.0	.0	.5	3.8	3.3	7.4	.0	.0	83.2
WSW	2.2	.7	.5	.0	.0	.0	.0	.0	6.8	3.6	5.4	.0	.0	84.4
W	1.4	.8	.4	.0	.0	.0	.0	.2	4.1	4.9	6.6	.0	.0	84.3
WNW	1.4	1.4	.9	.0	.0	.0	.0	.3	4.1	4.1	7.8	.0	.0	82.3
NW	5.1	1.1	1.3	.0	.0	.0	.0	.3	6.9	5.6	9.5	.0	.0	76.9
NNW	4.0	.7	1.7	.0	.0	.0	.0	.3	10.3	6.4	10.4	.0	.0	73.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.5	.0	.0	.0	.0	.0	.0	.3	9.3	14.9	18.1	.0	.0	68.0
TOTALS	454	119	65	0	0	0	0	30	766	494	1090	0	0	7945
% TOTAL	4.4	1.1	.6	.0	.0	.0	.0	.3	7.4	4.7	10.5	.0	.0	76.3

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLowing SNOW	BLowing SAND DUST	NO WEATHER
N	4.8	.5	2.1	.0	.0	.0	.0	.1	12.5	3.9	11.3	.0	.0	73.7
NNE	7.7	.6	1.6	.0	.0	.0	.0	.0	12.8	3.0	11.2	.0	.0	73.7
NE	6.2	.4	1.0	.0	.0	.0	.0	.0	11.3	4.3	14.4	.0	.0	70.7
ENE	7.4	.2	.7	.0	.0	.0	.0	.0	12.3	2.5	17.7	.0	.0	68.1
E	5.6	1.3	.3	.0	.0	.0	.0	.0	11.0	3.0	19.9	.0	.0	62.6
ESE	4.5	1.0	.0	.0	.0	.0	.0	.0	9.0	4.2	22.6	.0	.0	64.2
SE	5.9	1.7	.0	.0	.0	.0	.0	.0	8.0	3.8	14.7	.0	.0	68.5
SSE	7.7	3.2	.0	.0	.0	.0	.0	.0	10.9	2.0	9.7	.0	.0	71.8
S	5.6	1.5	.0	.0	.0	.0	.0	.3	7.3	2.5	5.7	.0	.0	80.2
SSW	5.2	2.5	.0	.0	.0	.0	.0	.5	5.2	1.1	3.1	.0	.0	82.9
SW	3.3	1.7	.5	.0	.0	.0	.0	.0	5.5	2.4	4.8	.0	.0	82.9
WSW	1.8	1.4	.2	.0	.0	.0	.0	.3	3.4	2.4	3.2	.0	.0	85.9
W	2.4	.8	.5	.0	.0	.0	.0	.1	4.2	1.7	4.2	.0	.0	87.7
WNW	3.1	.7	.9	.0	.0	.0	.0	.4	5.8	2.2	5.1	.0	.0	84.7
NW	2.4	.6	1.7	.0	.0	.0	.0	.2	14.2	4.9	7.7	.0	.0	75.1
NNW	3.1	.0	2.0	.0	.0	.0	.0	.0	11.8	5.8	10.6	.0	.0	75.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.8	.0	.3	.0	.0	.0	.0	.0	13.5	13.7	17.8	.0	.0	65.2
TOTALS	456	91	88	.0	.0	.0	.0	12	964	399	1030	.0	.0	7638
% TOTAL	4.5	.9	.9	.0	.0	.0	.0	.1	9.6	4.0	19.2	.0	.0	75.8

TOTAL NUMBER OF OBSERVATIONS : 10079

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC

WIND DIR.	RAIN	RAIN SHOWERS	CRIZZLE	FREEZE RAIN FPEEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	8.6	.5	2.7	.1	.0	.4	.0	.1	13.7	2.4	7.1	.0	.0	73.2
NNE	9.6	.1	1.2	.0	.1	.0	.0	.0	10.5	2.1	9.2	.0	.0	75.2
NE	11.1	.3	1.4	.0	.0	.0	.0	.0	8.8	2.0	8.8	.0	.0	75.0
ENE	10.7	.6	3.0	.0	.0	.0	.0	.0	15.1	2.1	20.4	.0	.0	60.4
E	8.2	.0	.0	.0	.0	.0	.0	.0	10.6	5.3	24.1	.0	.0	62.9
ESE	8.3	2.6	.0	.0	.0	.0	.0	.0	16.5	3.0	24.8	.0	.0	57.8
SE	11.5	1.0	.3	.0	.0	.0	.0	.0	15.0	8.0	27.6	.0	.0	54.5
SSE	10.0	1.3	.0	.0	.0	.0	.0	.3	10.7	6.6	17.3	.0	.0	65.1
S	9.5	1.3	.3	.0	.0	.0	.0	.2	9.7	2.3	7.0	.0	.0	74.2
SSW	7.4	2.0	.4	.0	.0	.0	.0	.0	7.2	3.1	5.5	.0	.0	76.7
SW	6.4	.8	.3	.0	.0	.0	.0	.0	6.9	2.4	3.7	.0	.0	79.5
WSW	1.6	.3	.8	.0	.0	.0	.0	.1	3.9	2.2	3.4	.0	.0	87.2
W	3.5	1.5	.5	.0	.0	.0	.0	.1	3.6	1.1	3.0	.0	.0	86.8
WNW	4.6	.6	1.5	.0	.0	.0	.0	.3	6.8	1.7	4.6	.0	.0	81.6
NW	5.3	.6	1.5	.0	.0	.4	.0	.2	14.8	2.3	6.8	.0	.0	71.3
NNW	8.9	.3	3.0	.0	.0	.2	.0	.0	19.1	2.5	8.9	.0	.0	68.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.5	.4	.3	.0	.0	.0	.0	.1	16.2	9.1	20.6	.0	.0	60.5
TOTALS	736	82	120	1	1	7	0	9	1090	318	985	0	0	7697
% TOTAL	7.1	.8	1.2	.0*	.0*	.1	.0	.1	10.5	3.1	9.5	.0	.0	73.9

TOTAL NUMBER OF OBSERVATIONS : 10415

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

U13860 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ANN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	" GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORRADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.4	1.5	1.7	.1	.0*	.2	.0	.9	12.1	4.2	12.0	.0*	.0	69.8
NNE	8.0	1.4	1.4	.2	.1	.1	.0	.6	11.3	4.1	13.6	.0	.0	68.7
NE	8.4	2.0	.9	.0*	.0*	.0*	.0*	.9	10.1	3.8	16.2	.0	.0	67.2
ENE	9.4	2.7	.7	.0	.0*	.0	.0	1.3	10.1	3.0	20.1	.0	.0	63.0
E	5.9	3.7	.3	.0	.0	.0	.0	1.7	8.0	2.8	20.9	.0	.0*	65.1
ESE	5.1	3.7	.3	.0	.0	.0	.0	1.7	7.1	2.9	20.7	.0	.0	66.2
SE	4.3	4.3	.1	.0	.0	.0	.0	2.6	5.9	2.9	16.0	.0	.0	70.7
SSE	4.4	3.3	.1	.0	.0	.0	.0	2.4	4.8	2.0	11.2	.0	.0*	76.0
S	3.3	2.9	.1	.0	.0	.0	.0	2.0	4.0	1.6	9.1	.0	.0*	79.5
SSW	3.4	2.9	.1	.0	.0	.0*	.0	1.6	3.7	1.6	7.1	.0	.0*	81.5
SW	2.7	2.7	.2	.0	.0	.0	.0	1.5	3.7	1.9	6.8	.0*	.1	82.5
WSW	2.0	1.8	.3	.0	.0	.0	.0	1.0	3.7	1.6	6.1	.0	.1	84.3
W	2.2	1.8	.3	.0	.0	.0*	.0	1.1	3.5	1.7	5.8	.0	.1	84.2
WNW	2.5	1.7	1.0	.0	.0	.1	.0	1.2	5.3	1.9	5.9	.0	.1	82.4
NW	3.5	2.1	1.4	.0	.0*	.2	.0	1.2	9.3	3.0	7.6	.0	.1	76.0
NNW	5.0	1.7	1.9	.1	.0*	.1	.0	1.1	12.2	4.5	10.8	.0	.0*	70.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.6	.6	.2	.0	.0	.0	.0	.3	10.0	11.3	17.9	.0*	.0	66.9
TOTALS	5590	2801	800	43	21	58	1	1597	8920	4004	14283	4	50	91408
% TOTAL	4.6	2.3	.7	.0*	.0*	.0*	.0*	1.3	7.3	3.3	11.6	.0*	.0*	74.5

TOTAL NUMBER OF OBSERVATIONS : 122684

NOTES :
* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	43.6	45.5	51.6	58.4	65.5	71.7	74.6	74.1	70.0	60.2	51.6	45.4	59.4
S.D.	11.035	10.712	9.590	7.802	6.017	4.775	3.514	3.628	5.188	8.623	10.628	11.223	13.925
TOT OBS	1301	1185	1302	1260	1302	1259	1302	1302	1260	1301	1260	1302	15336
MEAN	42.2	43.8	50.0	56.3	63.8	70.2	73.4	72.8	68.6	58.7	50.1	44.0	57.9
S.D.	11.590	11.129	10.173	8.408	5.479	4.966	3.429	3.630	5.479	8.963	11.103	11.612	14.190
TOT OBS	1301	1186	1300	1260	1301	1259	1302	1302	1260	1302	1260	1301	15334
MEAN	41.2	42.8	49.3	57.7	66.7	73.2	75.7	74.3	69.1	58.4	49.3	43.0	58.5
S.D.	11.832	11.420	10.389	7.971	5.827	4.513	3.050	3.491	5.504	9.049	11.302	11.758	15.231
TOT OBS	1302	1186	1300	1260	1301	1259	1302	1301	1260	1302	1260	1302	15335
MEAN	48.8	51.7	59.7	68.9	76.3	81.5	83.6	82.8	78.4	69.6	60.2	51.4	67.8
S.D.	11.135	10.783	10.074	7.574	6.087	5.104	3.964	4.354	5.906	7.431	9.396	10.330	14.836
TOT OBS	1302	1186	1302	1260	1300	1260	1302	1302	1260	1302	1260	1302	15338
MEAN	55.6	58.3	65.2	73.5	80.2	84.9	86.8	86.2	82.1	74.7	66.4	58.3	72.7
S.D.	11.498	11.097	10.357	7.938	6.603	5.961	5.230	5.285	6.093	7.323	9.274	10.483	13.922
TOT OBS	1301	1186	1302	1260	1302	1259	1302	1301	1259	1302	1260	1302	15336
MEAN	55.8	58.7	64.8	72.7	78.9	83.4	85.1	84.6	80.9	73.8	65.3	56.1	71.9
S.D.	10.820	10.247	9.629	7.339	6.387	5.865	5.591	5.493	5.655	6.848	8.623	9.754	13.140
TOT OBS	1302	1185	1302	1259	1302	1259	1302	1302	1258	1302	1260	1302	15335
MEAN	48.6	51.5	57.9	65.5	72.5	78.1	80.2	79.2	74.7	65.5	56.6	50.4	65.1
S.D.	9.908	9.123	8.374	6.126	4.997	4.474	4.005	3.835	4.723	7.132	9.086	9.677	13.403
TOT OBS	1301	1185	1301	1260	1300	1259	1302	1302	1260	1302	1260	1302	15334
MEAN	45.3	47.6	53.8	60.7	67.7	73.7	76.4	75.6	71.5	62.0	53.2	47.2	61.3
S.D.	10.493	9.907	8.871	6.884	5.445	4.305	3.327	3.516	4.903	8.025	10.067	10.505	13.556
TOT OBS	1302	1185	1302	1260	1301	1258	1302	1302	1260	1302	1260	1302	15336
MEAN	47.6	50.0	56.5	64.2	71.4	77.1	79.5	78.7	74.4	65.4	56.6	49.7	64.3
S.D.	12.259	12.038	11.379	9.907	8.476	7.313	6.324	6.473	7.456	10.089	11.795	12.059	15.112
TOT OBS	10412	9484	10411	10079	10409	10072	10416	10414	10077	10415	10080	10415	122684

WET-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)J13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN 41.1 S.D. 11.410 TOT OBS 1301	42.6 10.999 1185	48.5 10.047 1304	55.4 8.102 1260	63.1 6.162 1303	69.4 4.763 1259	72.5 3.180 1302	72.1 3.423 1302	68.1 5.507 1260	58.1 8.931 1301	49.4 11.053 1259	43.0 11.584 1302	57.0 14.236 15338
04	MEAN 40.1 S.D. 11.927 TOT OBS 1301	41.4 11.399 1186	47.4 10.565 1300	53.9 8.752 1260	61.9 6.638 1301	68.3 5.025 1259	71.6 3.191 1302	71.1 3.477 1302	66.9 5.852 1260	56.8 9.334 1302	48.1 11.484 1259	41.8 11.944 1301	55.8 14.519 15333
07	MEAN 39.3 S.D. 12.201 TOT OBS 1302	40.6 11.768 1186	46.9 10.822 1300	54.9 8.575 1260	63.7 6.280 1301	70.1 4.674 1259	72.9 2.906 1302	72.1 3.447 1301	67.3 5.986 1260	56.5 9.457 1302	47.4 11.677 1259	41.0 12.075 1302	56.1 15.254 15334
10	MEAN 44.2 S.D. 11.483 TOT OBS 1302	46.0 11.011 1186	52.2 10.107 1302	59.5 7.902 1260	66.9 5.848 1300	72.6 4.437 1260	75.5 2.828 1301	75.1 3.315 1302	71.3 5.480 1260	62.5 7.953 1302	54.0 10.263 1260	46.6 11.021 1302	60.6 13.943 15337
13	MEAN 47.6 S.D. 10.960 TOT OBS 1301	49.1 10.376 1186	54.4 9.408 1302	60.9 7.305 1260	67.6 5.594 1302	73.4 4.384 1259	76.2 2.954 1302	75.8 3.255 1301	72.2 4.850 1258	64.1 7.293 1302	56.3 9.512 1260	49.9 10.432 1302	62.4 12.865 15335
16	MEAN 47.7 S.D. 10.482 TOT OBS 1302	49.4 9.700 1185	54.3 8.800 1302	60.8 6.904 1259	67.7 5.285 1302	73.1 4.257 1259	75.8 3.109 1302	75.4 3.321 1302	72.0 4.749 1258	63.8 7.072 1302	56.1 9.277 1260	49.9 10.117 1302	62.2 12.555 15335
19	MEAN 44.3 S.D. 10.605 TOT OBS 1301	46.2 9.780 1185	51.6 8.874 1301	59.5 7.008 1260	65.9 5.319 1300	71.7 4.144 1259	74.5 2.977 1302	74.1 3.192 1302	70.3 4.896 1260	61.4 7.587 1302	52.7 9.919 1260	46.5 10.539 1302	59.9 13.296 15334
22	MEAN 42.3 S.D. 10.958 TOT OBS 1302	44.1 10.299 1185	50.0 9.395 1302	57.0 7.407 1260	64.5 5.665 1301	70.5 4.367 1258	73.4 2.938 1302	72.9 3.233 1302	69.0 5.238 1260	59.4 8.358 1302	50.5 10.564 1260	44.4 11.057 1302	58.2 13.813 15336
ALL	MEAN 43.3 S.D. 11.657 TOT OBS 13412	44.9 11.127 9484	50.7 10.154 10413	57.0 8.179 10370	65.2 6.226 10410	71.2 4.839 10072	74.0 3.405 10415	73.6 3.719 10414	69.6 5.686 10076	60.3 8.766 10415	51.8 10.989 10077	45.4 11.563 10415	59.0 14.049 122682

17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

W13830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	37.3	38.6	45.1	52.8	61.7	68.2	71.5	71.1	67.0	56.4	46.9	39.6	54.8
S.D.	14.098	13.612	12.462	9.845	6.848	5.191	3.353	3.589	6.119	9.944	12.837	13.950	16.080
TOT OBS	1301	1185	1304	1260	1303	1259	1302	1302	1260	1301	1259	1303	15339
MEAN	36.6	37.7	44.3	51.6	60.6	67.3	70.7	70.4	66.0	55.2	45.8	38.7	53.8
S.D.	14.453	13.847	12.816	10.340	7.270	5.428	3.366	3.639	6.438	10.375	13.163	14.106	16.265
TOT OBS	1301	1186	1209	1260	1301	1259	1302	1302	1260	1302	1259	1301	15332
MEAN	35.9	37.0	43.9	52.4	61.8	68.6	71.6	71.1	66.1	54.9	45.2	37.9	54.0
S.D.	14.680	14.237	12.999	10.384	7.451	5.349	3.263	3.720	6.684	10.523	13.286	14.168	16.847
TOT OBS	1302	1186	1300	1260	1301	1259	1302	1301	1260	1302	1259	1302	15334
MEAN	38.0	38.7	44.5	51.9	61.3	68.4	72.0	71.8	67.6	57.4	47.9	40.4	55.1
S.D.	15.285	15.230	14.315	11.825	8.185	5.791	3.482	3.885	6.665	10.591	14.002	14.763	16.822
TOT OBS	1302	1186	1302	1260	1300	1261	1301	1302	1260	1302	1260	1302	15338
MEAN	37.7	38.3	43.9	51.2	60.6	68.0	71.7	71.4	67.3	56.8	47.0	40.3	54.6
S.D.	16.106	15.604	14.376	11.740	8.451	6.073	3.866	3.965	6.305	10.627	14.330	15.442	16.995
TOT OBS	1301	1186	1302	1260	1301	1259	1302	1301	1259	1302	1260	1302	15335
MEAN	37.7	38.4	43.9	51.6	61.1	68.3	71.9	71.4	67.5	56.9	47.3	40.3	54.8
S.D.	15.969	15.256	14.056	11.555	8.255	6.034	3.951	4.057	6.338	10.546	14.280	15.511	16.967
TOT OBS	1302	1185	1302	1259	1302	1259	1302	1302	1256	1302	1260	1302	15335
MEAN	38.5	39.5	45.0	52.9	61.9	68.6	72.0	71.8	68.0	58.5	48.9	41.5	55.6
S.D.	14.482	13.874	12.875	10.770	7.427	5.448	3.595	3.748	5.827	9.038	12.460	13.927	16.001
TOT OBS	1301	1185	1301	1260	1300	1259	1302	1302	1260	1302	1260	1302	15334
MEAN	38.0	39.6	45.9	53.5	62.5	68.9	72.1	71.7	67.6	57.5	47.7	40.7	55.6
S.D.	13.937	13.217	12.035	9.540	6.611	4.977	3.234	3.463	5.938	9.425	12.470	13.655	15.825
TOT OBS	1302	1185	1302	1260	1301	1258	1302	1302	1260	1302	1260	1302	15336
MEAN	37.5	38.5	44.6	52.2	61.4	68.3	71.7	71.3	67.2	56.7	47.1	39.9	54.8
S.D.	14.911	14.401	13.275	10.809	7.610	5.565	3.546	3.789	6.333	10.207	13.412	14.491	16.493
TOT OBS	10412	9484	10412	10079	10409	10073	10415	10414	10077	10415	10077	10416	122683

12 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MS)
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN S.D. TOT OBS	1020.5 6.645 1301	1019.3 6.987 1186	1017.7 6.439 1302	1017.4 6.095 1260	1016.2 4.532 1302	1016.2 3.801 1259	1017.3 3.196 1302	1017.0 3.333 1302	1017.3 4.017 1260	1018.3 5.063 1301	1019.4 5.807 1260	1018.1 5.545 15337
04	MEAN S.D. TOT OBS	1020.3 6.722 1301	1018.9 7.041 1185	1017.1 6.563 1301	1017.1 6.055 1260	1015.9 4.531 1302	1015.8 3.776 1259	1016.9 3.172 1302	1016.5 3.342 1302	1016.9 4.025 1260	1018.0 5.142 1302	1019.2 5.810 1260	1019.8 5.602 15336
07	MEAN S.D. TOT OBS	1021.0 6.848 1302	1019.7 7.175 1186	1018.3 6.714 1301	1018.5 6.114 1260	1017.1 4.611 1300	1016.9 3.808 1259	1017.9 3.200 1302	1017.6 3.366 1301	1018.0 4.087 1260	1019.0 5.236 1302	1020.1 5.909 1260	1018.8 5.642 15335
10	MEAN S.D. TOT OBS	1022.2 6.974 1301	1020.7 7.357 1186	1019.1 6.867 1302	1019.5 6.267 1260	1017.5 4.714 1300	1017.3 3.867 1260	1018.4 3.247 1302	1018.2 3.429 1301	1018.6 4.190 1260	1019.7 5.347 1302	1021.0 6.049 1260	1019.5 5.817 15336
13	MEAN S.D. TOT OBS	1020.1 6.994 1301	1019.1 7.404 1186	1017.7 6.872 1302	1017.7 6.279 1260	1016.5 4.764 1302	1016.5 3.902 1260	1017.6 3.286 1301	1017.3 3.467 1301	1017.6 4.241 1259	1018.2 5.354 1302	1019.1 6.074 1260	1018.1 5.734 15336
16	MEAN S.D. TOT OBS	1019.4 6.862 1302	1017.8 7.332 1185	1016.4 6.737 1302	1016.4 6.286 1259	1015.4 4.749 1302	1015.4 3.955 1260	1016.5 3.296 1302	1016.1 3.407 1302	1016.5 4.188 1258	1017.4 5.254 1302	1018.4 5.981 1260	1017.1 5.711 15336
19	MEAN S.D. TOT OBS	1020.5 6.729 1301	1018.7 7.211 1185	1017.1 6.592 1301	1016.8 6.182 1260	1015.7 4.621 1300	1015.7 3.868 1259	1016.8 3.223 1302	1016.5 3.289 1302	1016.9 4.112 1260	1018.1 5.144 1302	1019.3 5.852 1260	1017.7 5.675 15334
22	MEAN S.D. TOT OBS	1020.9 6.671 1302	1019.4 7.061 1185	1018.0 6.456 1302	1017.9 6.095 1260	1016.7 4.533 1301	1016.7 3.761 1258	1017.8 3.190 1302	1017.5 3.303 1302	1017.8 4.042 1260	1018.8 5.112 1302	1019.8 5.837 1260	1018.5 5.554 15336
ALL	MEAN S.D. TOT OBS	1020.6 6.847 10411	1019.2 7.237 9494	1017.7 6.701 10413	1017.6 6.225 10079	1016.4 4.681 10409	1016.3 3.890 10074	1017.4 3.280 10415	1017.1 3.423 10413	1017.4 4.165 10077	1018.4 5.249 10415	1019.5 5.958 10090	1018.2 5.702 122686

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	30.083	30.048	30.002	29.994	29.959	29.959	29.992	29.982	29.991	30.019	30.050	30.089	30.014
S.D.	.194	.203	.187	.176	.130	.109	.091	.095	.115	.147	.169	.188	.161
TOT OBS	1301	1184	1301	1259	1301	1259	1302	1302	1260	1301	1260	1302	15332
MEAN	30.078	30.035	29.986	29.984	29.950	29.947	29.978	29.967	29.978	30.010	30.045	30.086	30.004
S.D.	.196	.204	.191	.175	.130	.108	.091	.095	.116	.148	.158	.189	.162
TOT OBS	1303	1186	1301	1260	1302	1258	1301	1302	1260	1301	1260	1302	15333
MEAN	30.098	30.061	30.020	30.024	29.985	29.978	30.008	29.998	30.009	30.040	30.072	30.108	30.033
S.D.	.200	.209	.195	.178	.133	.109	.092	.097	.118	.151	.172	.191	.164
TOT OBS	1302	1186	1301	1259	1301	1259	1302	1302	1260	1302	1260	1302	15334
MEAN	30.135	30.090	30.043	30.039	29.997	29.990	30.022	30.016	30.030	30.062	30.097	30.141	30.055
S.D.	.204	.214	.200	.182	.136	.111	.094	.099	.121	.155	.176	.193	.169
TOT OBS	1302	1186	1302	1260	1300	1259	1301	1302	1260	1302	1260	1302	15336
MEAN	30.073	30.042	30.002	30.003	29.969	29.967	30.000	29.991	29.998	30.017	30.042	30.080	30.015
S.D.	.204	.215	.199	.182	.137	.112	.094	.099	.122	.154	.176	.193	.166
TOT OBS	1301	1186	1302	1259	1301	1259	1301	1300	1259	1302	1260	1302	15332
MEAN	30.053	30.006	29.964	29.965	29.935	29.936	29.969	29.957	29.966	29.993	30.022	30.062	29.986
S.D.	.200	.213	.195	.182	.136	.113	.094	.097	.121	.151	.173	.190	.165
TOT OBS	1302	1185	1302	1259	1302	1260	1302	1302	1259	1301	1260	1302	15336
MEAN	30.082	30.032	29.984	29.976	29.945	29.944	29.976	29.966	29.979	30.015	30.049	30.088	30.003
S.D.	.196	.210	.191	.179	.134	.111	.092	.093	.118	.148	.170	.188	.164
TOT OBS	1301	1184	1300	1260	1300	1259	1302	1302	1260	1302	1260	1302	15332
MEAN	30.097	30.052	30.010	30.004	29.973	29.973	30.004	29.995	30.006	30.034	30.064	30.100	30.026
S.D.	.195	.205	.187	.176	.130	.106	.092	.094	.116	.148	.169	.188	.161
TOT OBS	1299	1185	1302	1260	1301	1258	1302	1302	1260	1302	1260	1302	15333
MEAN	30.087	30.046	30.001	29.999	29.964	29.962	29.994	29.984	29.995	30.024	30.055	30.094	30.017
S.D.	.200	.210	.195	.182	.135	.112	.094	.098	.120	.152	.173	.191	.165
TOT OBS	13408	9462	10411	10076	10408	10071	10413	10412	10076	10413	10080	10416	122668

20 - FLYING WEATHER - PERCENT OF HOURS

613880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CEILING LESS THAN:
PERCENT OF HOURS WITH
1500 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	20	15	15	9	10	7	4	6	10	12	17	16	12	42
04	23	19	19	15	16	14	8	11	17	19	19	20	17	42
07	24	21	23	17	19	15	12	16	26	26	22	21	20	42
10	24	21	16	8	9	8	7	9	15	16	15	20	14	42
13	17	14	10	5	4	4	3	4	7	8	9	13	8	42
16	15	12	10	5	4	3	5	5	6	6	8	12	6	42
19	14	14	11	6	5	5	4	4	7	6	8	13	8	42
22	17	14	11	7	5	4	3	3	7	8	10	15	9	42
ALL	19	16	14	9	9	7	5	7	11	12	13	16	12	42

CEILING LESS THAN:
PERCENT OF HOURS WITH
1000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	18	14	13	7	8	5	3	5	8	10	14	15	10	42
04	20	17	18	13	14	12	7	10	16	16	17	17	15	42
07	22	19	21	14	16	13	10	15	23	24	21	19	18	42
10	20	17	12	5	5	4	3	5	10	10	12	16	10	42
13	14	10	8	3	2	2	2	4	4	4	7	10	6	42
16	11	9	8	4	3	2	3	4	4	4	6	9	6	42
19	12	11	9	5	3	3	3	3	5	4	6	11	6	42
22	15	11	10	5	4	2	2	2	5	6	8	14	7	42
ALL	16	13	12	7	7	5	4	6	9	13	11	13	9	42

CEILING LESS THAN:
PERCENT OF HOURS WITH
1000 FEET & VISIBILITY LESS THAN 2 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	17	13	12	6	7	4	2	4	6	9	13	14	9	42
04	19	15	16	12	12	10	6	8	13	15	16	16	13	42
07	21	18	19	12	12	10	7	11	17	20	18	17	15	42
10	18	16	11	4	3	4	3	3	8	10	11	14	9	42
13	13	9	6	3	2	1	1	2	3	3	6	9	5	42
16	10	8	7	3	2	2	2	2	3	4	5	8	5	42
19	11	10	7	4	3	2	2	2	3	4	6	10	5	42
22	14	11	9	5	3	1	1	2	4	5	8	13	6	42
ALL	15	12	11	6	5	4	3	4	7	9	10	12	8	42

20 - FLYING WEATHER - PERCENT OF HOURS

013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CEILING LESS THAN 500 FEET & VISIBILITY LESS THAN 1 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	12	7	7	3	3	2	1	2	2	5	8	9	5	42
04	14	9	9	7	7	3	3	5	7	9	11	11	8	42
07	14	10	10	7	6	5	4	6	10	10	12	11	9	42
10	9	6	4	1	0*	0*	0*	1	1	2	4	7	3	42
13	4	3	2	0*	0*	0*	0*	0*	1	1	2	3	1	42
16	5	3	1	0*	1	1	0*	0*	1	1	2	3	1	42
19	6	5	3	1	0*	0*	0*	1	1	1	3	6	2	42
22	8	6	4	2	1	0*	0*	1	1	2	5	6	3	42
ALL	9	6	5	3	2	2	1	2	3	4	6	7	4	42

CEILING LESS THAN 200 FEET & VISIBILITY LESS THAN 1/2 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	5	2	3	1	1	0*	0	0*	0*	2	4	4	2	42
04	6	3	3	4	4	2	1	2	3	4	5	4	3	42
07	5	4	4	3	2	2	0*	1	3	5	7	5	3	42
10	1	1	0*	0	0	0	0	0*	0	0*	1	1	0*	42
13	0*	0*	0*	0	0	0	0	0*	0	0	0*	0*	0*	42
16	0*	0	0	0	0	0	0	0*	0	0	0*	0*	0*	42
19	1	1	0*	0	0	0	0	0	0	0	0*	0*	0*	42
22	3	2	1	0*	0	0*	0*	0	0	1	2	2	1	42
ALL	3	1	1	1	1	0*	0*	0*	1	1	2	2	1	42

NOTE : * = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>=100	.0	.0	.0	.0	.0	.7	1.5	.3	.0	.0	.0	.0	.2
>= 95	.0	.0	.0	.0	2.0	9.8	11.1	8.1	1.4	.0	.0	.0	2.7
>= 90	.0	.0	.2	2.5	12.5	33.8	57.4	45.1	16.7	1.2	.0	.0	13.7
>= 85	.0	.1	3.3	11.6	40.0	73.1	87.9	85.5	58.4	11.5	1.0	.0	31.3
>= 80	1.5	1.6	11.6	37.2	74.8	93.2	98.8	96.4	82.0	42.2	10.3	1.3	46.3
>= 75	8.5	10.9	27.1	58.7	90.7	98.7	99.8	98.9	93.3	66.2	30.9	10.2	58.2
>= 70	19.3	26.1	46.1	81.6	98.1	99.6	100.0	99.8	98.6	85.5	52.9	22.9	69.5
>= 65	33.2	42.4	65.9	94.4	99.4	100.0	100.0	99.9	99.8	95.4	69.6	40.4	78.6
>= 60	49.5	59.5	81.6	98.8	99.8	100.0	100.0	100.0	100.0	98.9	83.3	58.6	86.0
>= 55	65.7	74.9	91.2	99.8	100.0	100.0	100.0	100.0	100.0	99.7	93.0	73.7	91.6
>= 50	78.7	86.7	96.3	100.0	100.0	100.0	100.0	100.0	100.0	99.8	97.8	86.8	95.6
>= 45	89.5	93.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	94.9	98.1
>= 40	96.0	98.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	98.7	99.4
>= 35	98.7	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	99.8
>= 30	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
>= 25	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	59.0	61.6	68.1	76.1	82.9	87.4	89.5	98.7	84.5	77.0	68.9	61.4	75.5
S.D.	10.991	10.337	9.620	7.332	5.968	5.333	4.305	4.578	5.675	6.951	8.856	9.959	13.367
TOT. OBS.	1271	1148	1271	1229	1271	1230	1301	1302	1259	1300	1260	1301	15143

NOTES :
* = PERCENT < .05

6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 90	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0*
>= 85	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0*
>= 80	.0	.0	.0	.0	.0	.1	.7	.2	.2	.0	.0	.0	.1
>= 75	.0	.0	.0	.0	.6	7.7	17.5	15.1	3.3	.3	.0	.0	3.8
>= 70	.0	.0	.0	.2	7.7	48.0	80.7	73.7	35.5	4.5	.2	.1	21.2
>= 65	.0	.0	1.3	6.3	38.7	79.9	96.9	94.9	68.9	16.7	3.0	.4	34.3
>= 60	2.0	2.3	7.8	24.9	65.5	93.6	99.7	99.7	88.4	37.1	11.6	3.6	45.1
>= 55	6.8	9.1	21.2	44.2	83.3	99.0	100.0	100.0	96.2	57.9	22.4	9.1	54.5
>= 50	14.0	17.6	36.6	65.5	95.1	100.0	100.0	100.0	99.7	74.5	36.3	18.4	63.5
>= 45	25.6	29.4	53.9	82.2	98.9	100.0	100.0	100.0	99.8	87.6	50.8	29.1	71.7
>= 40	40.2	45.9	71.0	93.4	99.9	100.0	100.0	100.0	100.0	95.4	67.9	44.1	80.0
>= 35	57.0	63.2	85.5	98.8	100.0	100.0	100.0	100.0	100.0	98.8	83.6	63.0	87.6
>= 30	74.4	81.3	95.8	100.0	100.0	100.0	100.0	100.0	100.0	99.8	94.7	81.3	94.0
>= 25	89.5	94.0	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.2	93.4	98.0
>= 20	96.5	98.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	98.5	99.4
>= 15	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	99.9
>= 10	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
>= 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	37.2	39.0	45.6	52.7	61.5	68.4	71.8	71.2	66.6	55.6	45.5	39.0	54.6
S.D.	10.530	10.159	9.676	8.215	6.541	4.986	3.300	3.581	5.631	8.921	10.487	10.511	15.021
TOT. OBS.	1271	1149	1271	1229	1271	1230	1301	1302	1259	1300	1260	1301	15143

NOTES :
* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32.54N LONG. : 80.02W ELEV. : 46 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 90	.0	.0	.0	.0	.0	.1	1.0	.2	.0	.0	.0	.0	.1
>= 85	.0	.0	.0	.0	.7	7.8	12.8	9.8	1.4	.0	.0	.0	2.7
>= 80	.0	.0	.0	.3	8.2	38.6	67.1	60.7	24.1	1.9	.0	.0	17.0
>= 75	.0	.0	1.4	6.8	37.6	79.9	96.7	93.7	65.6	11.8	1.2	.1	33.3
>= 70	.9	1.1	8.7	28.5	72.0	96.7	99.9	99.2	87.4	37.4	9.1	1.5	45.6
>= 65	6.1	7.6	22.7	52.6	90.6	99.4	100.0	99.8	96.8	63.1	24.4	8.9	56.4
>= 60	15.2	20.6	41.1	75.7	98.7	100.0	100.0	100.0	99.9	92.4	43.4	18.6	66.6
>= 55	28.6	35.5	60.0	91.0	99.8	100.0	100.0	100.0	100.0	93.8	62.2	33.1	75.6
>= 50	44.6	62.2	78.4	98.6	100.0	100.0	100.0	100.0	100.0	98.8	79.1	51.0	83.8
>= 45	62.2	72.8	92.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	92.3	71.6	91.0
>= 40	80.3	86.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.5	88.5	96.0
>= 35	92.4	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	96.1	98.7
>= 30	98.0	99.1	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.2	99.7
>= 25	99.3	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.9
>= 20	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
>= 15	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	48.3	50.6	57.1	64.7	72.4	78.1	80.9	80.2	75.8	66.6	57.4	50.4	65.3
S.D.	9.963	9.442	8.920	7.036	5.521	4.565	3.332	3.582	5.066	7.170	8.903	9.421	13.795
TOT. OBS.	1271	1148	1271	1229	1271	1230	1301	1302	1259	1300	1260	1301	15143

NOTES :
* = PERCENT < .05

8 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 F

	NONE	TRACE	.01	<=.05	<=.10	<=.25	<=.50	<=1.0	<=2.5	<=5.0	<=10.0	<=20.0	>20.0	>=0.1	PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
																	MEAN	HI	LOW
JAN	56.4	12.3	2.7	6.4	4.1	6.7	4.8	4.6	2.0	.0	.0	.0	.0	.01	1271	1271	.31	7.20	.33
FEB	57.0	11.8	2.3	5.7	2.6	6.3	6.4	5.4	2.6	.0	.0	.0	.0	31.3	1148	1148	.33	6.35	.33
MAR	56.3	10.9	2.3	4.8	2.8	6.1	6.8	5.9	3.8	.0	.0	.0	.0	32.7	1271	1271	.44	11.11	.99
APR	65.6	10.8	1.8	4.2	2.4	4.9	4.6	3.7	1.8	.2	.0	.0	.0	23.6	1229	1229	.26	9.50	.01
MAY	57.5	12.7	2.0	4.6	2.9	5.3	5.2	5.4	4.1	.1	.1	.0	.0	29.7	1271	1271	.43	9.28	.70
JUN	49.6	14.0	1.8	6.2	4.1	5.9	6.7	5.7	5.0	.9	.2	.0	.0	36.4	1230	1230	.61	27.24	.96
JUL	42.7	13.5	2.6	5.2	4.1	8.0	8.1	8.5	5.9	1.3	.1	.0	.0	43.9	1301	1301	.77	18.46	1.76
AUG	44.2	15.4	2.3	6.1	4.1	7.4	6.9	7.7	4.6	1.4	.0	.0	.0	40.4	1301	1301	.65	16.99	.73
SEP	53.7	15.1	1.5	5.4	2.7	6.7	4.6	5.5	3.4	1.2	.2	.0	.0	31.2	1259	1259	.52	17.31	.53
OCT	67.8	12.0	1.7	3.5	2.1	3.8	3.8	2.2	2.6	.5	.0	.0	.0	20.2	1300	1300	.29	9.12	.18
NOV	63.3	13.0	2.2	4.9	2.8	4.5	4.9	2.6	1.3	.2	.1	.0	.0	23.7	1260	1260	.24	7.35	.48
DEC	59.7	12.5	2.2	4.2	3.8	6.3	4.8	3.7	2.7	.1	.0	.0	.0	27.7	1301	1301	.32	7.09	.66
ANN	56.1	12.8	2.1	5.1	3.2	6.0	5.6	5.1	3.3	.5	.1	.0	.0	31.0	15142	15142	5.20	72.99	30.31

NOTES :

.001, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
 * = PERCENT < .05
 ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

4 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW FALL

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46

	NONE	TRACE	.1-.4	.5-1.4	<=2.4	<=3.4	<=4.4	<=6.4	<=10.4	<=15.4	<=25.4	<=50.4	>50.4	>=1	PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	MEAN	HI	LOW	TOTAL PRECIPITATION (INCHES)
JAN	97.6	2.0	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.1	1270	.1	1.0	.0	.0
FEB	97.5	1.7	.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.9	.3	1148	.3	7.1	.0	.0
MAR	98.9	.9	.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	1269	.1	2.0	.0	.0
APR	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1229	.0	.0	.0	.0
MAY	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1270	.0	.0	.0	.0
JUN	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1230	.0	.0	.0	.0
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1300	.0	.0	.0	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1302	.0	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1258	.0	.0	.0	.0
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1298	.0	.0	.0	.0
NOV	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1260	.0	.0	.0	.0
DEC	99.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	1301	.1	3.8	.0	.0
ANN	99.4	.5	.1	.0*	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.1	.5	15135	.5	7.1	.0	.0

NOTES :

.001, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

10 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW DEPTH

(FROM DAILY OBSERVATIONS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

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NOTES :

.DOT, .0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OF SNOW DEPTH MEASURED BUT A TRACE WAS NOTED

* = PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

46 FT

ELEV. :

80 C2W

LONG. :

LAT. : 32 54N

PERIOD OF RECORD : 1945-1986

01388C CHARLESTON, SC

MONTH : JAN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.30	33	.00	0	0.	0
2	1.00	25	.00	0	0.	0
3	.87	22	.00	0	0.	0
4	.50	13	.00	0	0.	0
5	1.22	31	.00	0	0.	0
6	1.24	31	.00	0	0.	0
7	1.46	37	.00	0	0.	0
8	1.13	29	.00	0	0.	0
9	1.96	50	.00	0	0.	0
10	1.14	29	.00	0	0.	0
11	.85	22	.00	0	0.	0
12	1.84	47	.00	0	0.	0
13	1.92	49	.00	0	0.	0
14	1.42	36	.00	0	0.	0
15	1.40	36	.00	0	0.	0
16	2.26	57	.00	0	0.	0
17	.68	17	.00	0	0.	0
18	.96	24	.00	0	0.	0
19	1.90	48	.00	0	0.	0
20	1.22	31	.00	0	0.	0
21	1.47	37	.00	0	0.	0
22	1.33	34	.00	0	0.	0
23	.93	24	.00	0	0.	0
24	2.12	54	.00	0	0.	0
25	1.28	33	.00	0	0.	0
26	.98	25	.00	0	0.	0
27	.99	25	.00	0	0.	0
28	.64	16	.00	0	0.	0
29	.77	20	.00	0	0.	0
30	1.77	45	.00	0	0.	0
31	.83	21	.00	0	0.	0
MONTH	2.47	63	.80	20	1.	25

NOTES :
T = TRACE AMOUNTS (.01, OR LESS, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREM AMOUNTS

01386C CHARLESTON, SC			PERIOD OF RECORD : 1945-1986				LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT			
			MONTH : FEB							
DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH					
	INCHES	MM	INCHES	MM	INCHES	MM	DATE	DATE	INCHES	MM
1	.68	17	.00	0	0.	0	1986	0	0	1986
2	.90	23	.00	0	0.	0	1986	0.	0	1986
3	2.25	57	T	T	T	T	1971	T	T	1961
4	1.63	41	.00	0	0.	0	1986	0.	0	1986
5	1.11	28	.00	0	0.	0	1986	0.	0	1986
6	1.51	38	.10	3	0.	0	1979	0.	0	1986
7	2.24	57	.00	0	0.	0	1986	0.	0	1986
8	.77	20	T	T	0.	0	1978	0.	0	1986
9	1.69	43	1.70	43	T	T	1973	T	T	1978
10	1.60	41	5.40	137	3.	76	1973	3.	76	1973
11	1.05	27	.00	0	7.	178	1973	7.	178	1973
12	1.29	33	.00	0	6.	152	1973	6.	152	1973
13	1.08	27	T	T	4.	102	1973	4.	102	1973
14	1.14	29	.00	0	0.	T	1973	T	T	1973
15	.87	22	T	T	0.	0	1966	0.	0	1986
16	.50	13	.30	8	0.	0	1977	0.	0	1936
17	1.79	45	.10	3	T	T	1979	T	T	1963
18	2.16	55	1.60	41	1.	25	1979	1.	25	1979
19	.94	24	.00	0	0.	0	1966	0.	0	1979
20	1.17	30	.00	0	0.	0	1986	0.	0	1986
21	.41	10	T	T	0.	0	1963	0.	0	1986
22	.92	23	1.30	33	1.	25	1968	1.	25	1968
23	.94	24	T	T	T	T	1968	T	T	1968
24	2.25	57	T	T	0.	0	1968	0.	0	1986
25	1.73	44	.00	0	0.	0	1986	0.	0	1986
26	1.75	44	T	T	0.	0	1963	0.	0	1986
27	1.48	38	T	T	0.	0	1963	0.	0	1986
28	2.27	58	T	T	0.	0	1947	0.	0	1986
29										
30										
31										
MONTH	2.27	58	5.40	137	7.	178	1973	7.	178	1973

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OF < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : MAR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.63	16	.00	0	0	0
2	1.55	29	1.30	33	T	T
3	.85	22	T	1969	1.	25
4	2.36	60	2.00	51	T	T
5	4.48	114	.00	0	0	0
6	2.96	75	T	1965	0.	0
7	1.34	34	T	1962	0.	0
8	1.50	38	.00	0	0	0
9	1.02	26	.00	0	0	0
10	1.50	38	.00	0	0	0
11	1.64	42	.50	13	T	T
12	1.85	47	.00	0	T	T
13	1.85	47	.00	0	0	0
14	1.29	33	.00	0	0	0
15	1.26	22	.00	0	0	0
16	.89	23	.00	0	0	0
17	3.16	80	.00	0	0	0
18	2.45	62	.00	0	0	0
19	.99	25	.00	0	0	0
20	1.33	34	.00	0	0	0
21	.77	20	.00	0	0	0
22	1.09	28	.00	0	0	0
23	.98	25	.00	0	0	0
24	1.76	45	T	1983	0.	0
25	1.46	37	.00	0	0	0
26	1.11	28	T	1971	0.	0
27	.64	16	.00	0	0	0
28	1.32	34	.00	0	0	0
29	1.06	27	.00	0	0	0
30	2.23	57	.00	0	0	0
31	1.28	33	T	1965	0.	0
MONTH	4.48	114	2.00	51	1.	25

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : APR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	3.55	90	.00	0	0	0
2	1.54	39	.00	0	0	0
3	.53	13	.00	0	0	0
4	.81	21	.00	0	0	0
5	.95	24	.00	0	0	0
6	2.20	56	.00	0	0	0
7	.94	24	.00	0	0	0
8	1.13	29	T	0	0	0
9	.74	19	.00	0	0	0
10	1.76	45	.00	0	0	0
11	1.59	40	.00	0	0	0
12	2.27	58	.00	0	0	0
13	.71	18	.00	0	0	0
14	2.74	70	.00	0	0	0
15	4.10	104	.00	0	0	0
16	1.12	28	.00	0	0	0
17	.55	14	.00	0	0	0
18	.89	23	.00	0	0	0
19	.28	7	.00	0	0	0
20	1.68	43	.00	0	0	0
21	.50	13	.00	0	0	0
22	1.42	36	.00	0	0	0
23	2.12	54	.00	0	0	0
24	.32	8	.00	0	0	0
25	2.38	60	.00	0	0	0
26	1.89	48	.00	0	0	0
27	1.15	29	.00	0	0	0
28	2.12	54	T	0	0	0
29	.88	22	.00	0	0	0
30	.62	16	.00	0	0	0
31						
MONTH	4.10	104	T	T	0	0

NOTES :
T = TRACE AMOUNTS (<.01, OP <.5, OP < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

C13820 CHARLESTON, SC LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH : MAY

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.72	44	.00	0	0.	0
2	1.95	50	.00	0	0.	0
3	2.35	60	.00	0	0.	0
4	1.36	35	T	1948	0.	0
5	1.06	27	.00	0	0.	0
6	1.30	33	.00	0	0.	0
7	1.06	27	.00	0	0.	0
8	1.05	27	.00	0	0.	0
9	1.17	30	.00	0	0.	0
10	1.45	37	.00	0	0.	0
11	1.93	49	.00	0	0.	0
12	1.98	50	.00	0	0.	0
13	1.75	44	.00	0	0.	0
14	2.45	62	.00	0	0.	0
15	1.44	37	.00	0	0.	0
16	1.27	32	.00	0	0.	0
17	.88	22	.00	0	0.	0
18	1.10	28	.00	0	0.	0
19	.65	17	.00	0	0.	0
20	1.16	29	.00	0	0.	0
21	1.28	33	.00	0	0.	0
22	6.23	158	.00	0	0.	0
23	4.86	123	.00	0	0.	0
24	1.78	45	T	1950	0.	0
25	1.83	46	.00	0	0.	0
26	1.87	47	.00	0	0.	0
27	2.00	51	.00	0	0.	0
28	1.35	34	.00	0	0.	0
29	1.64	42	.00	0	0.	0
30	1.65	42	.00	0	0.	0
31	1.38	35	.00	0	0.	0
MONTH	6.23	158	T	1950	0.	0

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

PERIOD OF RECORD : 1945-1986 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

MONTH : JUN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.65	17	.00	0	0.	0
2	2.37	60	.00	0	0.	0
3	1.70	43	.00	0	0.	0
4	2.95	75	.00	0	0.	0
5	1.20	30	.00	0	0.	0
6	.85	22	.00	0	0.	0
7	2.67	68	.00	0	0.	0
8	4.61	117	.00	0	0.	0
9	2.03	52	T	1952	0.	0
10	2.09	53	.00	0	0.	0
11	9.40	239	.00	0	0.	0
12	1.69	43	.00	0	0.	0
13	2.26	57	.00	0	0.	0
14	1.26	32	.00	0	0.	0
15	2.15	55	.00	0	0.	0
16	2.57	65	.00	0	0.	0
17	3.64	92	.00	0	0.	0
18	3.68	93	.00	0	0.	0
19	4.97	126	.00	0	0.	0
20	4.20	107	.00	0	0.	0
21	1.93	49	.00	0	0.	0
22	1.78	45	.00	0	0.	0
23	5.20	132	T	1954	0.	0
24	.96	24	.00	0	0.	0
25	2.60	66	.00	0	0.	0
26	2.33	59	.00	0	0.	0
27	3.48	88	.00	0	0.	0
28	2.81	71	.00	0	0.	0
29	1.30	33	.00	0	0.	0
30	1.39	35	.00	0	0.	0
31						
MONTH	9.40	239	T	1954	C.	0

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUL

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	2.66	68	.70	0	0.	0
2	4.58	116	.00	0	0.	0
3	5.39	137	.00	0	0.	0
4	3.26	83	.00	0	0.	0
5	1.60	41	.00	0	0.	0
6	2.60	66	.00	0	0.	0
7	1.90	48	.00	0	0.	0
8	2.84	72	.00	0	0.	0
9	2.36	60	.00	0	0.	0
10	3.45	88	.00	0	0.	0
11	2.07	53	.00	0	0.	0
12	2.92	74	.00	0	0.	0
13	2.37	60	.00	0	0.	0
14	1.30	33	.00	0	0.	0
15	1.45	37	.00	0	0.	0
16	3.00	76	.00	0	0.	0
17	4.93	125	.00	0	0.	0
18	2.52	64	.00	0	0.	0
19	3.62	92	.00	0	0.	0
20	1.55	39	.00	0	0.	0
21	2.07	53	.00	0	0.	0
22	1.90	48	.00	0	0.	0
23	1.33	34	.00	0	0.	0
24	4.20	107	.00	0	0.	0
25	4.57	116	.00	0	0.	0
26	2.40	61	.00	0	0.	0
27	2.17	55	.00	0	0.	0
28	1.96	50	.00	0	0.	0
29	4.51	115	.00	0	0.	0
30	1.35	34	.00	0	0.	0
31	3.23	82	.00	0	0.	0
MONTH	5.39	137	.00	0	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : AUG

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.43	36	0.00	0	0.	0
2	2.27	58	0.00	0	0.	0
3	4.60	117	0.00	0	0.	0
4	2.44	62	0.00	0	0.	0
5	1.28	33	0.00	0	0.	0
6	2.75	70	0.00	0	0.	0
7	2.53	64	0.00	0	0.	0
8	1.91	49	0.00	0	0.	0
9	1.02	26	0.00	0	0.	0
10	2.10	53	0.00	0	0.	0
11	2.35	60	0.00	0	0.	0
12	1.38	35	0.00	0	0.	0
13	2.14	54	0.00	0	0.	0
14	3.82	97	0.00	0	0.	0
15	3.41	87	0.00	0	0.	0
16	4.69	119	0.00	0	0.	0
17	3.30	84	0.00	0	0.	0
18	1.01	26	0.00	0	0.	0
19	3.94	100	0.00	0	0.	0
20	2.55	65	0.00	0	0.	0
21	2.05	52	0.00	0	0.	0
22	1.55	39	0.00	0	0.	0
23	1.54	39	0.00	0	0.	0
24	1.39	35	0.00	0	0.	0
25	3.00	76	0.00	0	0.	0
26	3.26	83	0.00	0	0.	0
27	2.10	53	0.00	0	0.	0
28	3.33	85	0.00	0	0.	0
29	3.25	83	0.00	0	0.	0
30	3.75	95	0.00	0	0.	0
31	1.46	37	0.00	0	0.	0
MONTH	4.69	119	0.00	0	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : SEP

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	2.76	70	.00	0	0.	0
2	1.68	43	.00	0	0.	0
3	1.42	36	.00	0	0.	0
4	6.06	154	.00	0	0.	0
5	2.66	68	.00	0	0.	0
6	1.72	44	.00	0	0.	0
7	3.79	96	.00	0	0.	0
8	1.22	31	.00	0	0.	0
9	3.45	88	.00	0	0.	0
10	1.32	34	.00	0	0.	0
11	2.98	76	.00	0	0.	0
12	1.89	48	.00	0	0.	0
13	1.60	41	.00	0	0.	0
14	4.35	110	.00	0	0.	0
15	2.14	54	.00	0	0.	0
16	3.60	91	.00	0	0.	0
17	6.19	157	.00	0	0.	0
18	1.14	29	.00	0	0.	0
19	1.34	34	.00	0	0.	0
20	5.18	132	.00	0	0.	0
21	.64	16	.00	0	0.	0
22	3.52	89	.00	0	0.	0
23	2.28	58	.00	0	0.	0
24	3.12	79	.00	0	0.	0
25	3.86	98	.00	0	0.	0
26	2.61	66	.00	0	0.	0
27	1.90	48	.00	0	0.	0
28	2.08	53	.00	0	0.	0
29	3.82	97	.00	0	0.	0
30	.96	24	.00	0	0.	0
31			.00	0	0.	0
MONTH	6.19	157	.00	0	0.	0

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986

MONTH : OCT

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.64	42	.70	0	0.	0
2	1.79	45	.00	0	0.	0
3	1.55	39	.00	0	0.	0
4	1.47	37	.00	0	0.	0
5	1.79	45	.00	0	0.	0
6	1.07	27	.00	0	0.	0
7	1.38	35	.00	0	0.	0
8	2.70	69	.00	0	0.	0
9	3.37	86	.00	0	0.	0
10	.49	12	.00	0	0.	0
11	.76	19	.00	0	0.	0
12	2.10	53	.00	0	0.	0
13	.08	2	.00	0	0.	0
14	1.22	31	.00	0	0.	0
15	3.89	99	.00	0	0.	0
16	1.55	39	.00	0	0.	0
17	2.01	51	.00	0	0.	0
18	3.50	89	.00	0	0.	0
19	1.87	47	.00	0	0.	0
20	2.75	70	.00	0	0.	0
21	2.05	52	.00	0	0.	0
22	.80	20	.00	0	0.	0
23	1.96	50	.00	0	0.	0
24	1.34	34	.00	0	0.	0
25	1.84	47	.00	0	0.	0
26	.77	20	.00	0	0.	0
27	.35	10	.00	0	0.	0
28	.79	20	.00	0	0.	0
29	2.60	66	.00	0	0.	0
30	.96	24	.00	0	0.	0
31	.90	23	.00	0	0.	0
MONTH	3.89	59	.70	0	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013880 CHARLESTON, SC

 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH : NOV

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	5.24	133	.00	0	0.	0
2	2.12	54	.00	0	0.	0
3	.47	12	.00	0	0.	0
4	.61	15	.00	0	0.	0
5	2.33	59	.00	0	0.	0
6	.81	21	.00	0	0.	0
7	1.03	26	.00	0	0.	0
8	.58	15	.00	0	0.	0
9	.83	21	.00	0	0.	0
10	.85	22	.00	0	0.	0
11	1.53	39	.00	0	0.	0
12	.14	4	.00	0	0.	0
13	.46	12	.00	0	0.	0
14	.57	14	.00	0	0.	0
15	.72	18	.00	0	0.	0
16	.90	23	.00	0	0.	0
17	.56	14	.00	0	0.	0
18	2.14	54	.00	0	0.	0
19	.53	13	.00	0	0.	0
20	2.56	65	.00	0	0.	0
21	.42	11	.00	0	0.	0
22	3.15	80	.00	0	0.	0
23	.70	18	.00	0	0.	0
24	.83	21	.00	0	0.	0
25	1.87	47	T	1950	0.	0
26	1.20	30	.00	0	0.	0
27	1.46	37	.00	0	0.	0
28	1.55	39	.00	0	0.	0
29	3.15	80	T	1949	0.	0
30	1.59	40	.00	0	0.	0
31						
MONTH	5.24	133	T	1950	0.	0

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

013860 CHARLESTON, SC

 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PERIOD OF RECORD : 1945-1986

MONTH : DEC

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.02	26	.00	0	0.	0
2	.70	18	.00	0	0.	0
3	1.77	45	.00	0	0.	0
4	2.21	56	.00	0	0.	0
5	1.10	28	.00	0	0.	0
6	1.86	47	.00	0	0.	0
7	1.14	29	.00	0	0.	0
8	1.68	43	.00	0	0.	0
9	.64	16	.00	0	0.	0
10	1.44	37	.00	0	0.	0
11	.95	24	.00	0	0.	0
12	1.84	47	.10	3	T	1958
13	2.13	54	.00	0	T	1958
14	1.79	45	.00	0	0.	0
15	1.50	38	.00	0	0.	0
16	1.33	34	.00	0	0.	0
17	.66	17	.00	0	0.	0
18	.95	24	.00	0	0.	0
19	.75	19	.00	0	0.	0
20	1.16	29	.00	0	0.	0
21	2.09	53	.00	0	0.	0
22	.15	4	.00	0	0.	0
23	.75	19	.00	0	0.	0
24	3.40	86	.00	0	0.	0
25	1.83	46	.00	0	0.	0
26	.73	19	.00	0	0.	0
27	.36	9	.10	3	0.	0
28	2.19	56	3.70	94	4.	102
29	1.15	29	.00	0	0.	0
30	1.34	34	.00	0	0.	0
31	1.89	48	.00	0	0.	0
MONTH	3.40	86	3.70	94	4.	102

NOTES :

 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)
(FROM DAILY OBS)013830 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	T	T	MISS	T	MISS
1946	2.26	.94	1.32	.64	2.35	3.64	1.70	1.24	.62	2.70	2.12	.34	3.64
1947	.32	.22	1.59	1.54	1.06	2.81	FART	.74	3.12	PART	1.53	2.09	PART
1948	.79	1.69	1.29	3.55	1.65	.39	2.66	2.27	2.76	1.47	1.00	.95	3.55
1949	.27	.96	.88	PART	.69	1.13	3.23	3.33	3.79	.67	1.21	.70	PART
1950	.45	.13	1.17	1.15	1.02	.77	2.84	2.35	2.61	1.20	.46	1.15	2.84
1951	.27	.51	1.06	.94	.38	2.01	1.35	.95	1.30	.80	1.24	.56	2.01
1952	.64	2.25	1.25	.69	1.93	1.31	2.07	1.37	3.52	.83	.77	.58	3.52
1953	.92	2.24	1.64	.29	1.16	1.29	1.25	1.96	2.61	.42	.83	2.21	2.61
1954	.33	.16	.64	.80	1.75	.84	2.45	1.30	.80	3.89	.44	2.13	3.89
1955	.93	1.12	.99	1.59	1.27	1.82	1.39	.37	PART	.47	.85	.26	PART
1956	.56	.59	.40	1.38	1.72	2.60	2.25	2.05	3.86	1.50	.39	.40	3.86
1957	.35	1.73	1.65	.72	2.21	2.03	2.05	3.31	2.08	1.35	1.40	1.68	3.31
1958	2.12	1.75	2.23	4.10	1.40	4.20	1.17	PART	3.60	1.12	.19	PART	MISS
1959	.95	1.63	4.48	.88	.99	.86	2.92	1.73	3.62	2.60	.83	.97	4.48
1960	1.77	1.11	.55	.63	1.42	2.37	4.51	.95	2.98	.45	.64	.72	4.51
1961	.67	1.17	2.45	2.27	1.83	3.48	1.20	.23	1.46	.91	.70	.54	3.48
1962	1.05	.58	1.55	.72	.72	2.95	2.76	4.60	1.23	1.37	.51	.70	4.60
1963	1.22	2.25	.24	2.20	.54	5.20	2.36	2.00	.90	1.84	2.33	1.38	5.20
1964	1.96	2.16	1.34	.97	1.95	2.33	4.93	3.25	1.89	1.79	.23	1.94	4.93
1965	.77	1.79	1.35	1.89	.47	2.46	3.00	1.75	1.37	3.50	.46	.75	3.50
1966	1.40	2.27	1.50	1.68	2.22	2.28	4.58	1.25	1.34	1.64	.32	1.12	4.58
1967	1.30	.87	1.50	.40	6.23	1.81	2.52	1.10	.47	.27	.50	1.76	6.23
1968	.90	.41	.99	.85	1.10	2.67	1.73	1.43	.67	1.87	1.49	1.77	2.67
1969	.69	.65	1.92	1.12	.65	2.26	2.07	2.67	2.14	.54	5.24	1.44	5.24
1970	1.24	.71	1.40	.58	1.83	.40	1.55	3.50	.71	2.75	.56	1.33	3.00
1971	1.22	1.20	.69	1.95	1.44	1.05	1.65	3.41	.18	3.77	.83	1.40	3.41
1972	1.42	1.90	.89	.01	1.20	2.29	.66	.66	1.28	.10	3.15	1.86	3.15
1973	1.06	1.52	1.25	1.00	.58	9.40	2.47	2.75	3.45	.48	.42	1.16	9.40
1974	.77	.76	.90	.41	1.98	2.07	1.13	4.69	2.24	.25	2.14	1.50	4.69
1975	1.13	.65	1.76	2.74	1.22	1.65	1.65	2.53	1.14	1.77	1.03	.66	2.74
1976	.38	.68	.71	.52	4.86	1.50	2.60	1.18	4.35	2.01	1.55	1.14	4.86
1977	.87	.70	2.36	.30	2.00	.70	1.57	1.30	.73	2.10	.85	1.79	2.36
1978	1.90	.63	1.11	.56	1.05	.86	2.07	.75	1.19	.18	1.59	3.40	3.40
1979	1.00	.72	.98	2.27	2.45	.91	3.62	.50	6.06	1.47	1.26	1.55	6.06
1980	.98	.68	1.85	2.00	1.95	.95	4.57	.60	.63	.50	.63	.42	4.57
1981	.53	1.05	.94	1.18	1.40	1.81	5.35	3.94	.70	.77	.40	1.89	5.39
1982	.51	1.29	.41	2.38	1.20	3.68	1.60	1.60	1.66	1.34	.35	1.47	3.68
1983	2.47	1.16	3.16	2.12	.23	1.39	3.26	1.38	.98	1.06	.59	.99	3.26
1984	1.09	1.48	1.46	1.76	1.35	1.30	1.07	.98	1.22	.80	.61	.34	1.76
1985	.65	.80	.54	.62	.63	2.57	4.20	3.75	1.03	1.55	3.15	.30	4.20
1986	.83	1.60	1.29	.60	.76	.90	1.73	3.82	2.30	1.10	2.56	1.54	3.82

MEAN

1.00 1.14 1.36 1.30 1.54 2.12 2.47 1.99 1.92 1.36 1.15 1.20 4.01

S.D.

.556 .617 .777 .906 1.094 1.582 1.190 1.186 1.341 .957 1.002 .700 1.394

TOT OBS

41 41 41 40 41 41 40 40 41 41 41 41 37

NOTE :

T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

PRECIPITATION (INCHES)
(FROM DAILY OBS)G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL PRECIP # DAYS
1947							1.06 30			1.23 29			
1949				.80 29									
1955									1.00 29				
1958							3.26 30					2.19 30	

SNOWFALL (INCHES)
(FROM DAILY OBS)Q13860 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1947	.0	T	.0	.0	.0	.0	PART	.0	.0	PART	.0	.0	PART
1948	T	.0	.0	T	T	.0	.0	.0	.0	.0	.0	.0	T
1949	.0	.0	.0	PART	.0	.0	.0	.0	.0	.0	T	.0	PART
1950	.0	.0	T	.0	T	.0	.0	.0	.0	.0	T	.0	T
1951	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1952	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T	T
1953	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	T	T
1954	.0	T	.0	.0	.0	T	.0	.0	.0	.0	.0	.0	T
1955	T	.0	.0	.0	.0	.0	.0	.0	PART	.0	.0	T	PART
1956	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1957	PART	T	.0	.0	.0	.0	PART	.0	.0	.0	.0	.0	PART
1959	.0	T	.0	.0	PART	.0	.0	.0	.0	.0	.0	PART	MISS
1959	.0	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	PART
1960	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1961	T	.0	PART	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1962	T	.0	PART	.0	.0	.0	.0	.0	.0	PART	.0	.0	.0
1963	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1964	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1965	T	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1966	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1967	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1968	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1969	.0	T	2.0	.0	.0	.0	.0	.0	.0	.0	.0	T	1.3
1970	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
1971	T	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	T	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	T	5.4
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
1977	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
1978	T	.4	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
1979	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
1980	.0	T	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1983	.0	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1984	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1985	T	.0	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	T
1986	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5

MEAN .1 .3 .41 .0 .0 .0 .0 .0 .0 .0 .0 .1 .7
 S.D. .211 .973 .421 .000 .000 .000 .000 .000 .000 .000 .000 .644 1.286
 TOT OBS 33 34 32 33 34 32 33 34 33 32 33 33 26

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

SECRET - 1

SNOWFALL (INCHES)
(FROM DAILY OBS.)

013669 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

PS - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS.)

013880 CHARLESTON, SC LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1958	PART	T	O.	O.	O.	PART	O.	O.	O.	O.	O.	PART	MISS
1959	O.	O.	T	O.	PART	O.	O.	O.	O.	O.	O.	O.	PART
1960	O.	O.	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1961	T	O.	PART	O.	O.	O.	O.	O.	O.	PART	O.	O.	PART
1962	T	O.	PART	O.	O.	O.	O.	O.	O.	O.	O.	O.	PART
1963	O.	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1964	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1965	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1966	1.	MISS	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	1.
1967	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1968	T	1.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	1.
1969	O.	O.	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1970	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1971	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1972	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1973	T	7.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	7.
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1976	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1977	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1978	O.	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T
1979	O.	1.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	1.
1980	O.	O.	1.	O.	O.	O.	O.	O.	O.	O.	O.	O.	4.
1981	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1982	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1983	T	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	O.	T

MEAN	.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1
S.D.	.250	1.700	.258	.000	.000	.000	.000	.000	.000	.000	.000	1.000	2.100
TOT OBS	16	17	15	17	16	16	17	17	17	16	17	16	13

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OF 1.0 INCHES)

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W FLEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1952	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1953	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1954	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1955	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1956	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1957	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1958	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1959	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1960	S 31	W 43	PART	PART	NE 37	SW 30	PART	SW 32	SE 62	PART	W 30	W 33	PART
1961	PART	S 44	SE 42	S 44	N 30	S 40	W 37	SW 31	NW 35	W 41	W 32	PART	MISS
1962	S 44	N 31	PART	PART	NW 45	SW 32	NE 30	N 44	W 40	N 31	SW 48	W 42	PART
1963	W 36	SW 52	S 39	W 31	SW 30	W 36	PART	PART	S 34	N 35	PART	W 35	PART
1964	W 47	W 41	NW 41	N 36	N 38	N 34	SW 40	SE 36	SE 40	N 34	NW 42	NW 38	W 47
1965	SW 35	S 47	NW 37	S 35	NW 29	SW 45	N 42	SE 32	SW 25	SW 35	W 31	N 31	S 47
1966	NW 41	NW 51	W 36	PART	S 40	S 40	NW 34	S 27	SW 34	SW 33	W 40	S 36	PART
1967	SW 35	W 37	N 44	W 34	N 52	E 27	E 46	S 33	SW 27	W 47	SW 37	S 41	N 52
1968	N 26	NW 30	S 36	SW 33	E 26	NW 56	N 47	N 60	NW 29	SW 29	NE 31	S 47	N 60
1969	W 40	W 37	W 42	S 29	S 28	W 38	NE 37	N 25	SW 29	N 24	N 45	S 39	N 45
1970	W 29	S 35	N 32	S 38	E 30	SW 28	SE 34	W 27	NW 36	SE 32	SW 32	W 35	S 38
1971	NW 39	W 39	W 44	NW 62	S 35	SW 31	N 50	W 35	N 27	W 31	SW 35	NE 36	NW 62
1972	S 32	SW 49	NW 40	W 36	W 35	W 38	W 42	A 43	N 30	NE 35	SW 37	W 30	SW 49
1973	S 32	S 33	SW 44	W 38	W 51	SE 35	NE 26	SE 38	E 32	W 32	NW 31	SW 36	W 51
1974	SW 34	SW 41	W 40	S 34	S 45	S 41	NE 26	NW 31	S 27	N 25	NW 34	W 31	S 45
1975	SW 38	SW 32	SW 37	W 38	NW 30	N 31	NW 34	SE 29	S 32	S 34	NW 29	SW 48	SW 48
1976	SW 29	W 46	W 43	S 29	W 35	S 27	W 34	N 32	E 27	S 38	W 29	NW 36	W 46
1977	W 38	W 34	W 41	W 38	SW 32	PART	NW 31	S 30	SW 43	W 31	NW 28	W 34	PART
1978	S 58	W 36	S 37	SW 35	W 51	S 43	NW 51	SE 28	N 40	W 24	S 35	N 37	S 58
1979	S 47	PART	W 42	SW 40	W 33	NW 28	W 33	N 26	SE 49	W 46	SW 29	S 35	PART
1980	W 30	NW 54	NW 42	SE 44	PART	NE 39	W 43	SW 24	E 25	W 32	E 28	E 42	PART
1981	NW 29	S 40	W 46	NW 40	NW 27	NE 49	NW 33	N 40	S 24	W 30	W 31	W 28	NE 49
1982	S 35	N 28	W 24	SW 31	PART	MISS	PART	SW 35	N 24	PART	W 38	S 35	PART
1983	W 32	N 39	NE 40	S 45	SW 36	S 27	E 53	PART	NW 28	SW 30	W 37	W 40	PART
1984	W 30	W 38	NW 43	S 31	W 43	N 31	NW 31	S 24	SW 30	NW 26	SW 28	W 34	NW 43
1985	SW 30	W 34	S 31	E 35	NW 26	W 36	SE 40	PART	SW 32	NE 29	SE 42	W 29	PART
1986	W 26	N 26	S 40	NW 32	SW 32	NW 39	NW 47	N 56	N 24	NW 36	N 24	S 30	N 56
MEAN	35.5	39.1	38.9	37.0	35.8	36.0	37.6	34.0	32.8	32.4	33.8	36.2	49.8
S.D.	7.420	7.496	7.966	6.972	7.957	7.317	7.303	9.023	8.662	6.028	5.831	5.104	6.486
TOT OBS	26	26	25	24	25	25	25	25	27	26	27	26	16

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER CF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL PEAK GUST # DAYS
1959	/	/	/ NW 39 20	/	/	/ N 47 30	/	/	/ SE 27 23	/	/	/	
1960	/	/	/ W 34 NW 37 30 29	/ N 31 30	/ N 27 28	/	/	/ NW 45 29	/	/	/ SW 36 30	/	PEAK GUST # DAYS
1961	W 40 30	/	/	/	/	/	/	/	/	/	/ SW 33 30	/	PEAK GUST # DAYS
1962	/	/ SW 37 30	/ N 40 27	/	/	/	/	/	/	/	/	/	PEAK GUST # DAYS
1963	/	/	/	/	/	/ NW 31 30	S 39 29	/	/	/ SW 46 29	/	/	PEAK GUST # DAYS
1966	/	/	/ W 38 28	/	/	/	/	/	/	/	/	/	PEAK GUST # DAYS
1977	/	/	/	/	/ S 49 29	/	/	/	/	/	/	/	PEAK GUST # DAYS
1979	/ S 39 27	/	/	/	/	/	/	/	/	/	/	/	PEAK GUST # DAYS
1980	/	/	/	/ W 31 30	/	/	/	/	/	/	/	/	PEAK GUST # DAYS
1982	/	/	/	/ NE 24 25	/	/ E 30 24	/	/	/ N 33 30	/	/	/	PEAK GUST # DAYS
1983	/	/	/	/	/	/	/ S 41 30	/	/	/	/	/	PEAK GUST # DAYS
1985	/	/	/	/	/	/	/ SE 38 30	/	/	/	/	/	PEAK GUST # DAYS

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JAN

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
DAY	AVERAGE		AVERAGE	EXTREME		AVERAGE	EXTREME	
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C
1	50.3	10.1	60.7	80.0	26.7	39.9	24.0	-4.4
2	48.4	9.1	59.6	79.0	26.1	37.2	20.0	-6.7
3	49.3	9.6	60.4	80.0	26.7	38.3	19.0	-7.2
4	49.2	9.5	60.2	77.0	25.0	38.1	21.0	-6.1
5	48.0	8.9	58.1	78.0	25.6	37.8	16.0	-8.9
6	48.9	9.4	60.3	75.0	25.6	37.6	19.0	-7.2
7	49.5	9.7	61.0	77.0	25.0	38.0	22.0	-5.6
8	46.9	8.1	57.2	77.0	25.0	36.0	16.0	-8.9
9	47.9	8.8	59.2	76.0	24.4	36.5	11.0	-11.7
10	47.0	8.3	57.7	79.0	26.1	36.3	12.0	-11.1
11	46.1	7.8	56.6	82.0	27.8	35.7	10.0	-12.2
12	46.0	7.8	56.1	78.0	25.6	35.8	15.0	-9.4
13	46.4	9.0	57.2	75.0	25.6	35.7	13.0	-10.6
14	47.0	8.3	57.7	77.0	25.0	36.3	20.0	-6.7
15	46.6	8.5	57.7	77.0	25.0	37.0	17.0	-6.3
16	46.6	8.1	58.1	83.0	28.3	35.1	18.0	-7.8
17	46.1	7.9	57.2	75.0	25.6	35.1	17.0	-8.3
18	47.2	8.5	58.4	77.0	25.0	36.0	19.0	-7.2
19	48.1	8.9	58.7	75.0	25.6	37.5	16.0	-8.9
20	47.7	8.7	58.3	75.0	23.9	37.0	17.0	-8.3
21	47.6	8.7	58.8	80.0	26.7	36.5	6.0	-14.4
22	47.5	8.6	58.6	76.0	24.4	36.3	14.0	-10.0
23	48.8	9.4	59.2	80.0	26.7	38.5	19.0	-7.2
24	49.1	9.5	60.2	75.0	26.1	37.9	18.0	-7.8
25	49.2	9.5	60.0	82.0	27.8	38.4	16.0	-8.9
26	50.1	10.1	61.0	80.0	26.7	39.3	23.0	-5.0
27	50.2	10.1	61.4	82.0	27.8	39.0	17.0	-8.3
28	47.9	8.9	58.7	81.0	27.2	37.2	12.0	-11.1
29	47.9	8.8	58.8	79.0	26.1	37.0	23.0	-5.0
30	49.6	9.8	61.2	80.0	26.7	38.1	11.0	-11.7
31	48.5	9.2	60.4	81.0	27.2	36.6	15.0	-9.4
MONTH	49.1	8.9	59.0	83.0	28.3	37.2	6.0	-14.4
						2.9		

NOTES :

T = TRACE AMOUNTS (<.01, OF <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : FEB

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
DAY	AVERAGE DEG F	DEG C	AVERAGE DEG F	DEG C	EXTREME DEG F	EXTREME DEG C	AVERAGE DEG F	DEG C
1	48.8	9.3	60.2	15.7	81.0	27.2	37.4	3.0
2	49.6	9.8	59.7	15.4	81.0	27.2	39.5	4.2
3	47.5	8.6	58.0	14.5	77.0	25.0	37.0	2.8
4	47.0	8.4	58.6	14.8	83.0	28.3	35.5	1.9
5	47.3	8.5	58.3	14.6	76.0	24.4	36.4	2.4
6	50.2	10.1	60.5	15.8	75.0	23.9	39.9	4.4
7	49.4	9.7	59.0	15.0	73.0	22.8	39.9	4.4
8	47.0	8.3	58.9	14.9	79.0	26.1	35.2	1.8
9	47.5	8.6	58.7	14.9	80.0	26.7	36.2	2.3
10	48.5	9.2	60.2	15.7	81.0	27.2	36.9	2.7
11	49.7	9.8	62.1	16.7	76.0	25.6	37.4	3.0
12	47.7	8.7	59.8	15.4	78.0	25.6	35.6	2.0
13	49.1	9.5	60.5	15.8	78.0	25.6	37.6	3.1
14	50.5	10.3	63.8	17.7	82.0	27.8	37.2	2.9
15	51.6	11.0	63.9	17.7	79.0	26.1	39.7	4.3
16	52.2	11.2	62.8	17.1	74.0	26.1	41.6	5.4
17	50.7	10.4	61.0	16.1	79.0	26.1	40.5	4.7
18	50.7	10.4	62.4	16.9	83.0	28.3	39.0	3.9
19	53.5	12.0	65.3	18.5	83.0	28.3	41.7	5.4
20	52.0	11.1	63.7	17.6	78.0	25.6	40.2	4.6
21	51.1	10.6	63.6	17.5	79.0	26.1	38.7	3.7
22	51.6	10.9	62.1	16.7	76.0	24.4	41.1	5.1
23	52.5	11.4	62.6	17.0	81.0	27.2	42.3	5.7
24	53.1	11.7	64.2	17.9	80.0	26.7	42.1	5.6
25	52.8	11.6	64.8	18.2	80.0	26.7	40.9	4.9
26	51.5	10.8	62.8	17.1	80.0	26.7	40.2	4.5
27	52.3	11.3	63.6	17.5	84.0	28.9	41.1	5.0
28	53.6	12.1	65.4	18.5	86.0	30.0	42.2	5.7
MONTH	50.3	10.2	61.6	16.5	86.0	30.0	39.0	3.9
							12.0	-11.1
							1973.	1973.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : MAR

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE			EXTREME			
DAY	AVERAGE		DATE	AVERAGE		DATE	AVERAGE		DATE	EXTREME		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	52.8	11.5	63.7	17.6	62.0	27.8	1951.	41.8	5.5	26.0	-3.3	1980.
2	52.7	11.5	63.8	17.7	85.0	29.4	1976.	41.7	5.4	22.0	-5.6	1980.
3	54.1	12.3	65.7	18.7	86.0	30.0	1976.	42.5	5.8	15.0	-9.4	1980.
4	55.7	13.2	66.9	19.4	82.0	27.8	1976.+	44.5	6.9	21.0	-6.1	1980.
5	55.8	13.2	66.4	19.1	82.0	27.8	1976.+	45.2	7.3	23.0	-5.0	1978.
6	54.7	12.6	64.9	18.3	85.0	25.4	1976.	44.5	7.0	21.0	-6.1	1960.
7	53.6	12.0	64.7	18.2	86.0	30.0	1961.	42.6	5.9	22.0	-5.6	1960.
8	53.1	11.7	64.8	18.2	86.0	30.0	1974.	41.4	5.2	27.0	-2.8	1962.
9	52.5	11.4	64.3	18.0	87.0	30.6	1974.	40.8	4.9	28.0	-2.2	1947.
10	54.0	12.2	65.9	18.8	90.0	32.2	1974.	42.1	5.6	28.0	-2.2	1966.
11	56.1	13.4	67.6	19.8	85.0	25.4	1967.	44.6	7.0	27.0	-2.8	1969.
12	58.5	14.7	70.0	21.1	89.0	31.7	1973.+	47.0	8.3	27.0	-2.8	1969.+
13	59.5	15.3	71.0	21.7	88.0	31.1	1955.	47.9	8.8	26.0	-3.3	1960.
14	58.4	14.7	69.6	20.9	85.0	25.4	1985.	47.2	8.5	24.0	-4.4	1960.
15	57.3	14.0	68.6	20.4	87.0	30.6	1967.	45.9	7.7	32.0	.0	1974.+
16	57.4	14.1	68.2	20.1	85.0	29.4	1977.	46.6	8.1	29.0	-1.7	1954.
17	55.3	13.0	66.7	19.3	85.0	29.4	1982.	44.0	6.6	28.0	-2.2	1954.
18	56.4	13.6	68.2	20.1	90.0	32.2	1963.	44.5	7.0	30.0	-1.1	1967.+
19	58.6	14.8	69.5	20.9	85.0	29.4	1963.	47.6	8.7	33.0	.6	1985.+
20	58.8	14.9	69.8	21.0	88.0	31.1	1982.	47.9	8.8	32.0	.0	1981.
21	57.6	14.2	68.0	20.0	87.0	30.6	1982.+	47.3	8.5	29.0	-1.7	1981.
22	56.6	13.7	67.6	19.8	85.0	25.4	1948.	45.6	7.6	27.0	-2.8	1956.
23	56.5	13.6	68.6	20.4	83.0	28.3	1949.+	44.4	6.9	29.0	-1.7	1986.
24	58.5	14.7	71.0	21.6	84.0	28.9	1949.	46.1	7.8	31.0	-6	1968.+
25	58.7	14.9	69.8	21.0	84.0	28.9	1949.	47.7	8.7	31.0	-6	1968.
26	57.9	14.4	69.6	20.9	85.0	29.4	1967.	46.3	7.9	24.0	-4.4	1947.
27	58.2	14.5	69.7	20.9	85.0	29.4	1949.	46.7	8.1	26.0	-3.3	1955.
28	58.7	14.8	69.3	20.7	84.0	28.9	1961.+	48.0	8.9	32.0	.0	1969.
29	60.5	15.8	71.7	22.0	87.0	30.6	1985.	49.3	9.6	30.0	-1.1	1966.
30	61.6	16.4	73.0	22.8	88.0	31.1	1954.	50.1	10.1	31.0	-6	1964.+
31	61.1	16.2	71.9	22.2	86.0	31.1	1954.	50.3	10.2	27.0	-2.8	1964.
MONTH	56.8	13.8	68.1	20.0	90.0	32.2	1974.+	45.6	7.5	15.0	-9.4	1980.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

U1388C CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
MONTH : APR

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE									
DAY	AVERAGE		I	AVERAGE		I	EXTREME		I	AVERAGE		I	EXTREME		I		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C			
1	61.9	16.6		73.1	22.8		86.0	30.0		1974.		50.7	10.4		35.0	1.7	1950.
2	62.5	17.0		74.4	23.6		89.0	31.7		1986.		50.7	10.4		39.0	3.9	1962.
3	62.9	17.2		75.0	23.9		93.0	33.9		1946.		50.9	10.5		33.0	.6	1962.
4	63.7	17.6		74.6	23.7		91.0	32.8		1963.		52.7	11.5		33.0	.6	1971.
5	61.7	16.5		72.3	22.4		89.0	31.7		1978.		51.1	10.6		34.0	1.1	1975.
6	61.2	16.2		72.5	22.5		90.0	32.2		1967.		49.9	9.9		38.0	3.3	1980.
7	62.5	17.0		74.8	23.8		92.0	33.3		1967.		50.3	10.2		32.0	.0	1982.
8	62.6	17.1		75.3	24.0		88.0	31.1		1948.		50.3	10.1		34.0	1.1	1971.*
9	62.7	17.1		74.6	23.6		89.0	31.7		1965.		50.8	10.5		33.0	.6	1972.
10	60.3	15.7		71.8	22.1		90.0	32.2		1978.		48.8	9.3		30.0	-1.1	1972.
11	62.3	16.9		74.0	23.3		83.0	28.3		1977.*		50.7	10.4		30.0	-1.1	1960.
12	63.2	17.3		74.6	23.7		85.0	29.4		1981.*		51.8	11.0		36.0	2.2	1968.
13	64.1	17.8		75.1	24.0		89.0	31.7		1981.		53.0	11.7		37.0	2.8	1976.
14	63.4	17.4		74.6	23.7		90.0	32.2		1972.		52.1	11.2		37.0	2.8	1950.
15	63.5	17.5		74.9	23.8		91.0	32.8		1972.		52.1	11.2		33.0	.6	1950.
16	62.5	16.9		74.1	23.4		92.0	33.3		1967.		50.9	10.5		32.0	.0	1962.
17	61.7	16.5		74.8	23.8		91.0	32.8		1967.		48.6	9.2		34.0	1.1	1962.
18	64.3	18.0		77.4	25.2		92.0	33.3		1967.		51.3	10.7		41.0	5.0	1983.*
19	65.0	18.4		77.5	25.3		89.0	31.7		1968.		52.6	11.4		35.0	1.7	1983.
20	65.5	18.6		77.8	25.4		93.0	33.9		1968.		53.3	11.8		31.0	-6	1983.
21	65.4	18.6		77.7	25.4		91.0	32.8		1963.		53.1	11.7		34.0	1.1	1953.
22	66.5	19.2		78.8	26.0		90.0	32.2		1976.*		54.3	12.4		37.0	2.8	1950.
23	68.1	20.1		79.8	26.5		92.0	33.3		1963.		56.4	13.6		41.0	5.0	1986.
24	68.4	20.2		80.3	26.8		91.0	32.8		1958.		56.6	13.7		35.0	1.7	1982.
25	67.6	19.8		78.8	26.0		92.0	33.3		1958.		56.3	13.5		37.0	2.8	1974.
26	67.4	19.7		78.9	26.1		89.0	31.7		1985.		55.9	13.3		43.0	6.1	1974.
27	67.5	19.7		79.1	26.2		93.0	33.9		1985.		55.9	13.3		40.0	4.4	1972.
28	67.9	20.0		79.0	26.1		93.0	33.9		1981.		56.9	13.8		40.0	4.4	1967.
29	67.6	19.8		78.6	25.9		92.0	33.3		1970.		56.6	13.6		36.0	2.2	1967.
30	68.7	20.4		79.7	26.5		91.0	32.8		1981.		57.8	14.3		45.0	7.2	1961.
MONTH	64.4	19.0		76.1	24.5		93.0	33.9		1985.*		52.7	11.5		30.0	-1.1	1972.*

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

J13880 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986
 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 MONTH : MAY

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
DAY	AVERAGE		DATE	AVERAGE		DATE	AVERAGE		DATE	AVERAGE	
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C
1	70.2	21.2		81.7	27.6		93.0	33.9	1986.	58.6	14.8
2	69.9	21.1		80.6	27.0		91.0	32.8	1962.	59.2	15.1
3	69.4	20.8		80.2	26.8		93.0	33.9	1959.	58.6	14.8
4	68.0	20.0		79.2	26.2		90.0	32.2	1950.	56.9	13.8
5	68.7	20.4		80.9	27.2		92.0	33.3	1952.	56.5	13.6
6	69.8	21.0		82.3	27.9		95.0	35.0	1952.	57.4	14.1
7	70.5	21.6		82.5	28.1		93.0	33.9	1977.	59.1	15.1
8	69.7	20.9		80.7	27.0		93.0	33.9	1986.	58.8	14.9
9	69.1	20.6		79.8	26.5		95.0	35.0	1963.	58.3	14.6
10	68.5	20.3		80.1	26.7		93.0	33.9	1963.	57.0	13.9
11	70.8	21.6		82.4	28.0		96.0	35.6	1963.+	59.3	15.2
12	71.2	21.8		82.3	27.9		92.0	33.3	1953.	60.2	15.7
13	72.2	22.4		83.1	28.4		93.0	33.9	1970.+	61.4	16.3
14	72.6	22.6		83.8	28.8		95.0	35.0	1956.	61.5	16.4
15	72.5	22.5		82.6	28.1		94.0	34.4	1970.+	62.4	16.9
16	72.2	22.3		83.0	28.3		93.0	33.9	1963.	61.4	16.3
17	72.2	22.3		83.1	28.4		96.0	35.6	1963.	61.2	16.2
18	73.1	22.9		84.2	29.0		96.0	35.6	1960.	62.1	16.7
19	73.5	23.0		84.4	29.1		94.0	34.4	1965.+	62.5	17.0
20	74.1	23.4		84.3	29.1		93.0	33.9	1967.+	63.8	17.7
21	73.9	23.3		84.4	29.1		96.0	35.6	1962.	63.4	17.4
22	74.2	23.4		84.4	29.1		95.0	35.0	1951.	64.0	17.8
23	74.4	23.5		83.8	28.8		96.0	35.6	1956.	65.0	18.3
24	74.6	23.7		84.8	29.3		97.0	36.1	1953.	64.5	18.1
25	74.1	23.4		84.1	28.9		97.0	36.1	1953.	64.1	17.8
26	74.4	23.6		83.7	28.7		98.0	36.7	1953.	65.1	18.4
27	74.1	23.4		83.6	28.9		95.0	35.0	1962.	64.6	18.1
28	74.2	23.4		84.1	28.9		97.0	36.1	1967.+	64.3	17.9
29	74.9	23.9		84.6	29.2		94.0	34.4	1967.	65.3	18.5
30	75.1	23.9		84.9	29.4		95.0	35.0	1974.	65.4	18.5
31	75.3	24.0		85.5	29.7		98.0	36.7	1953.	65.1	18.4
MONTH	72.2	22.3		82.9	28.3		96.0	36.7	1953.+	61.5	16.4
										36.0	2.2
										2.2	1963.

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUN

DAY	MEAN TEMPERATURE		MAXIMUM TEMPERATURE		EXTREME		DATE	MINIMUM TEMPERATURE		EXTREME		DATE
	DEG F	AVERAGE DEG C	DEG F	AVERAGE DEG C	DEG F	DEG C		DEG F	AVERAGE DEG C	DEG F	DEG C	
1	75.4	24.1	85.8	29.9	98.0	36.7	1953.	65.0	18.3	51.0	10.6	1966.
2	75.4	24.1	85.9	29.9	100.0	37.8	1985.	64.9	18.3	50.0	10.0	1972.
3	75.4	24.1	85.5	29.7	99.0	37.2	1985.	65.3	18.5	53.0	11.7	1966.
4	75.2	24.0	84.8	29.3	95.0	35.0	1985.	65.6	18.6	56.0	13.3	1966.+
5	75.7	24.3	85.6	29.8	96.0	35.6	1971.	65.8	18.8	55.0	12.8	1966.+
6	76.8	24.9	86.9	30.5	95.0	35.0	1977.+	66.6	19.2	53.0	11.7	1946.
7	76.8	24.9	86.4	30.2	96.0	35.6	1986.	67.2	19.5	55.0	12.8	1946.
8	77.5	25.3	87.4	30.8	98.0	36.7	1986.	67.6	19.8	55.0	12.8	1976.
9	77.5	25.3	87.3	30.7	99.0	37.2	1986.+	67.7	19.9	59.0	15.0	1972.+
10	77.1	25.0	86.6	30.4	97.0	36.1	1963.	67.5	19.7	52.0	11.1	1960.
11	77.2	25.1	86.8	30.4	98.0	36.7	1963.	67.7	19.8	55.0	12.8	1972.
12	77.2	25.1	86.7	30.4	96.0	35.6	1977.+	67.7	19.8	50.0	10.0	1972.
13	78.3	25.7	88.1	31.2	95.0	35.0	1986.+	68.4	20.2	57.0	13.9	1979.
14	78.1	25.6	87.5	30.9	97.0	36.1	1981.	68.7	20.4	58.0	14.4	1950.
15	78.2	25.6	86.9	30.5	98.0	36.7	1981.	69.4	20.8	55.0	12.8	1959.
16	78.0	25.6	87.5	30.9	100.0	37.8	1981.	68.5	20.3	55.0	12.8	1955.
17	77.4	25.2	86.6	30.3	101.0	38.3	1981.	68.1	20.1	59.0	15.0	1979.+
18	77.9	25.5	87.1	30.6	96.0	35.6	1952.	68.6	20.3	57.0	13.9	1974.
19	78.5	25.9	87.9	31.0	100.0	37.8	1970.	69.2	20.7	54.0	12.2	1961.
20	78.9	26.0	88.4	31.4	100.0	37.8	1970.	69.3	20.7	60.0	15.6	1961.
21	79.3	26.3	88.2	31.2	97.0	36.1	1981.+	70.3	21.3	60.0	15.6	1966.
22	78.5	25.8	87.6	30.9	96.0	35.6	1981.	69.5	20.8	56.0	13.3	1966.
23	79.1	26.2	88.4	31.3	99.0	37.2	1954.	69.8	21.0	57.0	13.9	1947.
24	79.2	26.2	88.5	31.4	98.0	36.7	1950.+	69.9	21.1	56.0	13.3	1947.
25	80.0	26.7	89.7	32.0	99.0	37.2	1977.+	70.4	21.3	58.0	14.4	1947.
26	79.8	26.5	88.3	31.3	101.0	38.3	1952.	71.2	21.8	62.0	16.7	1946.
27	79.8	26.5	88.5	31.4	101.0	38.3	1954.	71.1	21.7	65.0	18.3	1967.+
28	79.4	26.3	88.6	31.5	95.0	37.2	1978.	70.2	21.2	63.0	17.2	1979.
29	79.6	26.5	89.3	31.8	99.0	37.2	1959.	70.0	21.1	60.0	15.6	1981.
30	79.9	26.6	89.9	32.1	99.0	37.2	1959.	69.9	21.1	58.0	14.4	1970.
MONTH	77.9	25.5	87.4	30.8	101.0	38.3	1981.+	68.4	20.2	50.0	10.0	1972.+

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : JUL

DAY	MEAN TEMPERATURE		MAXIMUM TEMPERATURE		DATE	MINIMUM TEMPERATURE		DATE
	DEG F	DEG C	AVERAGE DEG F	EXTREME DEG C		AVERAGE DEG F	EXTREME DEG C	
1	80.2	26.8	89.5	32.0	1970.	70.9	21.6	1970.
2	80.4	26.9	89.4	31.9	1970.	71.4	21.9	1970.
3	80.3	26.8	89.4	31.9	1970.	71.1	21.7	1970.
4	80.3	26.8	89.5	31.9	1982.	71.2	21.8	1982.
5	79.3	26.3	88.2	31.2	1969.	70.3	21.3	1969.
6	79.6	26.4	88.4	31.3	1969.	70.9	21.6	1969.
7	79.9	26.6	89.0	31.6	1954.	70.9	21.6	1954.
8	79.2	26.2	87.9	31.0	1986.	70.6	21.4	1986.
9	79.8	26.6	88.7	31.5	1986.	71.0	21.7	1986.
10	80.4	26.9	89.0	31.7	1986.	71.8	22.1	1986.
11	80.3	26.8	89.5	31.9	1986.	71.2	21.8	1986.
12	80.2	26.8	88.8	31.6	1986.	71.6	22.0	1986.
13	80.6	27.0	89.8	32.1	1986.	71.5	21.9	1986.
14	81.3	27.4	90.5	32.5	1986.	72.0	22.2	1986.
15	81.2	27.4	90.0	32.2	1986.	72.5	22.5	1986.
16	81.3	27.4	90.2	32.3	1983.	72.5	22.5	1983.
17	80.3	26.9	88.7	31.5	1983.	72.0	22.2	1983.
18	80.7	27.0	89.3	31.9	1986.	72.0	22.2	1986.
19	80.9	27.2	89.7	32.0	1986.	72.2	22.3	1986.
20	81.6	27.5	90.5	32.5	1986.	72.6	22.6	1986.
21	81.2	27.3	90.0	32.2	1986.	72.3	22.4	1986.
22	81.0	27.2	90.1	32.3	1977.	71.9	22.1	1977.
23	80.7	27.1	90.1	32.3	1952.	71.4	21.9	1952.
24	81.2	27.3	90.2	32.3	1983.	72.2	22.4	1983.
25	81.1	27.3	89.7	32.1	1983.	72.4	22.5	1983.
26	81.0	27.2	89.4	31.9	1977.	72.5	22.5	1977.
27	80.8	27.1	89.3	31.8	1949.	72.4	22.4	1949.
28	81.3	27.4	89.9	32.1	1949.	72.7	22.6	1949.
29	81.3	27.4	90.1	32.3	1981.	72.5	22.5	1981.
30	81.2	27.3	90.2	32.3	1986.	72.2	22.3	1986.
31	91.1	27.3	89.6	32.0	1986.	72.5	22.5	1986.
MONTH	80.6	27.0	89.5	31.9	1986.	71.8	22.1	1986.

NOTES :

T = TRACE AMOUNTS (<0.1, OR <0.5, OR <1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

UI3380 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : AUG

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				EXTREME				MINIMUM TEMPERATURE			
DAY	AVERAGE		I	AVERAGE		I	EXTREME		I	AVERAGE		I	EXTREME		I
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	81.0	27.2		89.6	32.0		97.0	36.1	1954.		72.4	22.4	64.0	17.8	1966.
2	81.5	27.5		90.2	32.3		99.0	37.2	1954.		72.9	22.7	63.0	17.2	1966.
3	81.3	27.4		89.9	32.2		97.0	36.1	1979.+		72.6	22.6	66.0	18.9	1985.
4	80.8	27.1		89.5	31.9		98.0	36.7	1963.+		72.1	22.3	65.0	18.3	1959.
5	80.9	27.2		89.8	32.1		100.0	37.8	1954.		72.0	22.2	63.0	17.2	1976.
6	80.4	26.9		89.3	31.8		97.0	36.1	1956.		71.5	21.9	62.0	16.7	1951.+
7	80.4	26.9		89.7	32.0		98.0	36.7	1979.		71.2	21.8	59.0	15.0	1948.
8	80.4	26.9		89.8	32.1		99.0	37.2	1968.		71.7	21.7	61.0	16.1	1957.+
9	80.8	27.1		90.0	32.2		96.0	35.6	1972.		71.5	22.0	62.0	16.7	1950.
10	80.9	27.2		89.8	32.1		97.0	36.1	1983.		72.1	22.3	63.0	17.2	1950.
11	80.3	26.9		89.1	31.7		98.0	36.7	1968.		71.6	22.0	66.0	18.9	1945.
12	80.1	26.7		88.7	31.5		93.0	36.7	1957.		71.6	22.0	62.0	16.7	1967.
13	80.1	26.7		88.9	31.6		97.0	36.1	1957.		71.4	21.9	61.0	16.1	1979.
14	79.5	26.4		88.1	31.2		95.0	35.0	1952.		71.0	21.7	61.0	16.1	1979.
15	80.0	26.7		88.6	31.4		96.0	35.6	1957.		71.5	21.9	63.0	17.2	1967.
16	80.4	26.9		89.1	31.7		99.0	37.2	1954.		71.7	22.0	65.0	18.3	1967.
17	80.2	26.8		88.9	31.6		102.0	38.9	1954.		71.5	22.0	62.0	16.7	1979.
18	80.3	26.8		89.1	31.7		96.0	35.6	1946.		71.5	21.9	56.0	13.3	1979.
19	80.2	26.8		88.7	31.5		98.0	36.7	1983.		71.6	22.0	63.0	17.2	1960.
20	80.0	26.7		88.9	31.6		97.0	36.1	1979.+		71.1	21.7	64.0	17.8	1960.
21	79.7	26.5		88.6	31.5		100.0	37.8	1983.		70.8	21.6	62.0	16.7	1961.
22	79.7	26.5		88.3	31.3		100.0	37.8	1983.		71.1	21.7	63.0	17.2	1953.
23	79.6	26.4		88.3	31.3		98.0	36.7	1983.+		70.9	21.6	62.0	16.7	1953.
24	79.2	26.2		87.8	31.0		98.0	36.7	1968.		70.5	21.4	61.0	16.1	1953.
25	79.1	26.2		87.7	30.9		95.0	35.0	1982.+		70.5	21.4	62.0	16.7	1957.
26	78.8	26.0		87.2	30.7		97.0	36.1	1954.		70.4	21.3	60.0	15.6	1952.
27	78.7	25.9		87.4	30.8		99.0	37.2	1954.		70.0	21.1	61.0	16.1	1966.
28	78.3	25.7		87.2	30.7		95.0	35.0	1983.+		69.4	20.8	60.0	15.6	1986.
29	79.0	25.9		87.5	30.8		96.0	35.6	1993.		69.7	21.0	57.0	13.9	1986.
30	78.4	25.8		87.0	30.6		96.0	35.6	1946.		69.8	21.0	59.0	15.0	1966.
31	78.5	25.8		87.3	30.7		97.0	36.1	1954.		69.7	21.0	63.0	17.2	1946.
MONTH	79.9	26.6		88.7	31.5		102.0	38.9	1954.		71.2	21.8	56.0	13.3	1979.

NOTE: ..

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G13890 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : SEP

MEAN TEMPERATURE		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		EXTREME		AVERAGE		EXTREME		DATE	
DAY	AVERAGE DEG F	DEG C	AVERAGE DEG F	DEG C	EXTREME DEG F	DEG C	EXTREME DEG F	DEG C	AVERAGE DEG F	DEG C	EXTREME DEG F	DEG C	DATE
1	78.5	25.8	87.1	30.6	94.0	34.4	1957.	1957.	69.9	21.1	60.0	15.6	1946.
2	78.6	25.9	87.3	30.7	95.0	35.0	1947.	1947.	69.8	21.0	57.0	13.9	1967.+
3	78.2	25.7	87.1	30.6	96.0	35.6	1947.	1947.	69.3	20.7	57.0	13.9	1954.
4	78.2	25.7	86.9	30.5	95.0	35.0	1963.	1963.	69.5	20.9	63.0	17.2	1967.
5	77.7	25.4	85.9	30.0	95.0	35.0	1947.	1947.	69.5	20.8	60.0	15.6	1950.
6	77.7	25.4	86.2	30.1	95.0	35.0	1983.+	1983.+	69.2	20.7	59.0	15.0	1950.
7	77.6	25.4	87.0	30.5	95.0	35.0	1947.	1947.	68.6	20.3	59.0	15.0	1972.
8	77.1	25.1	86.1	30.1	94.0	34.4	1980.+	1980.+	68.1	20.1	57.0	13.9	1972.
9	76.7	24.8	85.6	29.8	95.0	35.0	1973.+	1973.+	67.8	19.9	55.0	12.6	1966.
10	76.7	24.8	85.7	29.8	96.0	35.6	1945.	1945.	67.7	19.9	51.0	10.6	1956.
11	76.7	24.8	85.5	29.7	95.0	35.0	1983.	1983.	67.9	19.9	49.0	9.4	1956.
12	76.4	24.7	85.5	29.7	93.0	33.9	1963.	1963.	67.4	19.7	52.0	11.1	1976.
13	75.4	24.1	84.3	29.0	93.0	33.9	1967.	1967.	66.4	19.1	56.0	13.3	1969.
14	75.3	24.0	84.5	29.2	93.0	33.9	1984.	1984.	66.1	18.9	52.0	11.1	1985.
15	75.9	24.4	85.0	29.5	95.0	35.6	1980.	1980.	66.8	19.3	51.0	10.6	1967.
16	76.1	24.5	84.2	29.0	97.0	36.1	1980.	1980.	67.0	19.9	53.0	11.7	1967.
17	75.5	24.2	83.8	29.6	96.0	35.6	1972.	1972.	67.2	19.5	55.0	12.8	1961.
18	75.7	24.3	84.2	29.0	93.0	33.9	1980.+	1980.+	67.2	19.6	57.0	13.9	1959.
19	75.6	24.2	84.6	29.2	94.0	34.4	1980.	1980.	66.6	19.2	51.0	10.6	1981.
20	75.9	24.4	85.3	29.6	92.0	33.3	1945.	1945.	66.5	19.1	57.0	11.7	1964.+
21	75.7	24.3	84.8	29.3	93.0	33.9	1954.+	1954.+	66.7	19.3	52.0	11.1	1962.
22	74.4	23.6	83.7	29.7	92.0	33.3	1980.	1980.	65.1	18.4	55.0	12.8	1983.
23	73.4	23.0	83.3	28.5	95.0	35.0	1980.	1980.	63.5	17.5	50.0	10.0	1983.
24	72.7	22.6	82.5	29.0	95.0	35.0	1980.	1980.	62.9	17.2	44.0	6.7	1967.
25	73.0	22.8	82.5	29.0	94.0	34.4	1980.	1980.	63.5	17.5	51.0	10.6	1981.
26	72.9	22.7	82.1	27.9	93.0	33.9	1986.+	1986.+	63.7	17.6	50.0	10.0	1950.
27	73.1	22.8	82.2	27.9	94.0	34.4	1986.	1986.	64.0	17.8	52.0	11.1	1947.
28	72.2	22.3	81.2	27.4	94.0	34.4	1986.	1986.	63.1	17.3	50.0	10.0	1962.+
29	71.9	22.2	80.1	26.7	91.0	32.8	1972.	1972.	63.6	17.6	50.0	10.0	1970.
30	71.9	22.1	81.0	27.2	92.0	33.3	1973.	1973.	62.8	17.1	42.0	5.6	1967.
MONTH	75.6	24.2	84.5	29.2	97.0	36.1	1980.	1980.	66.6	19.2	42.0	5.6	1967.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

J13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : OCT

DAY	MEAN TEMPERATURE		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		EXTREME		DATE	AVERAGE		EXTREME		DATE
	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C		DEG F	DEG C	DEG F	DEG C	
1	72.3	22.4	82.2	27.9	91.0	32.8	1986.+	1986.+	1986.+	62.4	16.9	45.0	7.2	1967.
2	71.4	21.9	81.0	27.2	93.0	33.9	1986.	1986.	1986.	61.9	16.6	43.0	6.1	1946.
3	70.2	21.2	80.4	26.9	93.0	33.9	1986.	1986.	1986.	60.0	15.6	42.0	5.6	1974.
4	69.9	21.0	80.3	26.8	92.0	33.3	1986.+	1986.+	1986.+	59.4	15.2	37.0	2.8	1974.
5	69.8	21.0	80.6	27.0	94.0	34.4	1986.+	1986.+	1986.+	59.0	15.0	42.0	5.6	1974.
6	69.5	20.8	80.0	26.7	93.0	33.9	1954.	1954.	1954.	59.0	15.0	45.0	7.2	1964.
7	69.3	20.7	79.4	26.3	91.0	32.8	1951.	1951.	1951.	59.2	15.1	44.0	6.7	1978.
8	69.1	20.6	79.3	26.3	90.0	32.2	1962.	1962.	1962.	58.9	15.0	44.0	6.7	1978.
9	68.7	20.4	79.1	26.2	87.0	30.6	1959.	1959.	1959.	58.3	14.6	40.0	4.4	1978.
10	67.6	19.8	77.7	25.4	87.0	30.6	1959.	1959.	1959.	57.5	14.1	45.0	7.2	1974.
11	66.7	19.3	77.4	25.2	88.0	31.1	1980.+	1980.+	1980.+	56.1	13.4	44.0	6.7	1971.
12	57.1	13.5	79.9	26.0	87.0	30.6	1954.	1954.	1954.	55.4	13.0	40.0	4.4	1945.
13	67.4	19.7	78.9	26.1	88.0	31.1	1986.+	1986.+	1986.+	55.9	13.3	42.0	5.6	1976.
14	67.7	19.8	78.8	26.0	87.0	30.6	1959.	1959.	1959.	56.5	13.6	41.0	5.0	1980.
15	66.7	19.3	77.2	25.1	87.0	30.6	1985.	1985.	1985.	56.2	13.4	42.0	5.6	1979.
16	66.6	19.2	77.1	25.1	86.0	30.0	1973.	1973.	1973.	56.0	13.3	38.0	3.3	1978.
17	66.5	19.2	76.4	24.6	91.0	32.8	1972.	1972.	1972.	56.6	13.7	37.0	2.8	1977.
18	65.6	18.7	76.4	24.7	86.0	31.1	1980.	1980.	1980.	54.9	12.7	37.0	2.8	1970.
19	65.6	18.7	76.4	24.7	87.0	30.6	1980.	1980.	1980.	54.7	12.6	39.0	3.9	1948.
20	63.4	17.4	74.2	23.5	87.0	30.6	1950.	1950.	1950.	52.5	11.4	34.0	1.1	1981.
21	62.9	17.2	73.8	23.2	86.0	30.0	1963.	1963.	1963.	52.0	11.1	37.0	2.8	1974.+
22	64.1	17.8	74.9	23.8	84.0	28.9	1947.	1947.	1947.	53.3	11.9	33.0	.6	1974.
23	65.3	18.5	76.5	24.7	86.0	30.0	1966.	1966.	1966.	54.1	12.3	33.0	.6	1974.
24	64.7	18.2	75.8	24.3	85.0	29.4	1972.+	1972.+	1972.+	53.6	12.0	37.0	2.8	1974.
25	62.6	17.0	73.0	22.8	83.0	28.3	1985.	1985.	1985.	52.3	11.3	34.0	1.1	1965.+
26	62.9	17.2	74.2	23.4	84.0	28.9	1963.	1963.	1963.	51.6	10.9	33.0	.6	1962.
27	62.9	17.2	74.4	23.5	87.0	30.6	1978.	1978.	1978.	51.4	10.8	33.0	.6	1962.
28	63.0	17.2	74.4	23.5	85.0	30.0	1963.	1963.	1963.	51.6	10.9	32.0	.0	1976.
29	61.5	16.4	72.5	22.5	85.0	29.4	1946.	1946.	1946.	50.6	10.3	27.0	-2.8	1976.
30	61.7	16.5	72.5	22.5	85.0	29.4	1949.	1949.	1949.	51.0	10.5	27.0	-2.8	1952.
31	62.9	17.2	73.7	23.2	87.0	30.6	1961.	1961.	1961.	52.1	11.2	35.0	1.7	1952.
MONTH	66.3	19.1	77.0	25.0	94.0	34.4	1986.+	1986.+	1986.+	55.6	13.1	27.0	-2.8	1976.+

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

J13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : NOV

DAY	MEAN TEMPERATURE		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		EXTREME		DATE	EXTREME		DATE
	DEG F	DEG C	AVERAGE	DEG C	DEG F	DEG C	DEG F	DEG C		DEG F	DEG C	
1	64.0	17.8	75.0	23.9	86.0	31.1	53.0	11.7	1961.	32.0	.0	1954.
2	63.7	17.6	75.2	24.0	87.0	30.6	52.3	11.3	1961.	34.0	1.1	1965.*
3	62.3	16.9	73.5	23.1	87.0	30.6	51.1	10.6	1972.	27.0	-2.8	1954.
4	59.7	15.4	71.3	21.8	86.0	30.0	48.2	9.0	1972.	27.0	-2.8	1966.
5	58.4	14.6	69.3	20.7	84.0	28.9	47.4	8.6	1961.	30.0	-1.1	1966.
6	57.6	14.2	69.0	20.6	82.0	27.8	46.1	7.8	1975.*	28.0	-2.2	1976.
7	57.1	13.9	70.1	21.2	84.0	28.9	44.1	6.7	1986.	29.0	-1.7	1960.
8	56.6	13.7	69.0	20.5	85.0	29.4	44.3	6.8	1986.	24.0	-4.4	1967.
9	58.0	14.5	70.4	21.3	84.0	28.9	45.7	7.6	1986.	24.0	-4.4	1967.
10	59.2	15.1	70.9	21.6	83.0	28.3	47.5	8.6	1979.*	31.0	-6	1967.*
11	58.0	14.4	69.2	20.7	86.0	30.0	46.7	8.1	1946.	31.0	-6	1968.
12	57.3	14.1	68.7	20.4	81.0	27.2	45.9	7.7	1966.	31.0	-6	1977.
13	56.4	13.6	68.6	20.3	81.0	27.2	44.2	6.8	1972.*	30.0	-1.1	1977.*
14	56.4	13.6	68.2	20.1	82.0	27.8	44.6	7.0	1978.	27.0	-2.8	1981.*
15	57.0	13.9	68.1	20.6	83.0	28.3	44.8	7.1	1978.*	27.0	-2.8	1969.
16	58.6	14.8	70.7	21.5	85.0	29.4	46.4	8.0	1958.	27.0	-2.8	1969.
17	58.8	14.9	70.9	21.6	84.0	28.9	46.7	8.2	1964.	29.0	-1.7	1967.
18	58.0	14.5	69.9	21.1	86.0	30.0	46.2	7.9	1978.	29.0	-1.7	1965.*
19	57.8	14.4	69.3	20.7	82.0	27.8	46.3	8.0	1958.	27.0	-2.8	1949.
20	55.5	13.0	66.3	19.0	81.0	27.2	44.6	7.0	1985.	25.0	-3.9	1951.
21	55.1	12.9	66.6	19.2	83.0	28.3	43.7	6.5	1973.	24.0	-4.4	1951.
22	54.0	12.2	66.5	19.1	80.0	26.7	41.5	5.3	1973.*	26.0	-3.3	1961.
23	54.5	12.5	66.4	19.1	80.0	26.7	42.6	5.9	1979.	25.0	-3.9	1976.
24	56.5	13.6	68.2	20.1	82.0	27.8	44.8	7.1	1986.*	21.0	-6.1	1970.
25	53.8	12.1	65.5	18.6	82.0	27.8	42.2	5.6	1973.	15.0	-9.4	1950.
26	53.5	11.9	66.0	18.9	82.0	27.8	41.0	5.0	1973.*	19.0	-7.2	1950.
27	57.5	14.2	69.2	20.7	80.0	30.0	45.7	7.6	1973.	27.0	-2.8	1977.
28	56.5	13.6	67.0	19.4	80.0	26.7	46.0	7.8	1985.	25.0	-3.9	1956.
29	53.5	11.9	64.5	18.1	82.0	27.8	42.4	5.8	1985.	25.0	-3.9	1950.
30	50.2	10.1	61.2	16.2	83.0	28.3	39.1	3.9	1985.	22.0	-5.6	1959.
MONTH	57.2	14.0	66.9	20.5	85.0	31.1	45.5	7.5	1961.	15.0	-9.4	1950.

NOTES :

T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)

* = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = C.O

U 1388G CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : DEC

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE							
DAY	AVERAGE		DATE	EXTREME		DATE	EXTREME		DATE	EXTREME					
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C							
1	49.2	9.5		61.0	16.1		81.0	27.2	1982.	37.4	3.0		23.0	-5.0	1955.
2	51.2	10.7		63.6	17.6		79.0	26.1	1982.	38.8	3.8		23.0	-5.0	1964.
3	51.9	11.0		64.2	17.9		79.0	26.1	1982.	39.5	4.2		17.0	-8.3	1960.
4	52.9	11.6		64.8	18.2		80.0	26.7	1982.	40.9	4.9		21.0	-6.1	1960.
5	52.5	11.4		64.6	18.1		76.0	24.4	1982.+	40.4	4.7		22.0	-5.6	1969.
6	52.1	11.2		64.9	18.3		76.0	24.4	1951.	39.4	4.1		27.0	-2.8	1949.
7	51.0	10.5		63.0	17.2		81.0	27.2	1978.+	38.9	3.6		23.0	-5.0	1984.
8	52.1	11.1		63.4	17.4		82.0	27.8	1978.	40.7	4.9		20.0	-6.7	1954.
9	52.2	11.2		63.5	17.5		81.0	27.2	1951.	40.9	5.0		22.0	-5.6	1968.
10	51.3	10.7		62.0	16.7		82.0	27.8	1972.	40.6	4.8		23.0	-5.0	1981.+
11	50.5	10.3		61.2	16.2		83.0	28.3	1972.	39.9	4.4		18.0	-7.8	1981.
12	51.5	10.9		62.2	16.8		79.0	26.1	1971.	40.9	4.9		14.0	-10.0	1962.
13	51.2	10.7		61.5	16.4		85.0	26.7	1971.+	40.8	4.9		8.0	-13.3	1962.
14	50.1	10.1		61.2	16.2		78.0	25.6	1972.+	39.0	3.9		17.0	-8.3	1960.
15	49.4	9.7		59.7	15.4		85.0	26.7	1971.	39.1	3.9		15.0	-9.4	1962.
16	48.7	9.3		59.4	15.2		81.0	27.2	1971.	38.7	3.3		19.0	-7.2	1955.
17	48.1	8.9		60.0	15.5		78.0	25.6	1971.	36.2	2.3		18.0	-7.8	1955.
18	48.1	8.9		59.6	15.3		77.0	25.0	1984.+	36.6	2.6		20.0	-6.7	1972.+
19	47.8	8.8		59.6	15.4		82.0	27.8	1967.	36.0	2.2		16.0	-8.9	1953.
20	49.2	9.6		60.3	15.7		81.0	27.2	1967.	38.1	3.4		14.0	-10.0	1961.
21	47.7	9.7		57.8	14.4		70.0	24.4	1984.+	37.5	3.1		15.0	-9.4	1981.
22	47.6	8.7		59.3	15.2		77.0	25.0	1967.	35.8	2.1		20.0	-6.7	1976.
23	50.0	10.0		61.9	16.6		79.0	26.1	1970.	38.0	3.4		22.0	-5.6	1960.
24	50.8	10.5		61.7	16.5		75.0	23.9	1982.	40.0	4.5		18.0	-7.8	1963.
25	48.7	9.3		59.0	15.0		77.0	25.0	1984.	38.5	3.6		11.0	-11.7	1983.
26	47.7	8.7		56.6	14.8		77.0	25.0	1982.+	36.9	2.7		11.0	-11.7	1983.
27	48.3	9.1		59.9	15.5		79.0	25.6	1971.	36.7	2.6		22.0	-5.6	1983.
28	51.0	10.6		61.4	16.3		79.0	26.1	1971.	40.7	4.8		26.0	-3.3	1977.
29	50.5	10.3		61.0	16.1		79.0	26.1	1984.	40.0	4.5		22.0	-5.6	1977.
30	50.7	10.4		61.0	16.1		79.0	26.1	1984.	40.4	4.6		23.0	-5.0	1961.
31	51.1	10.6		61.3	16.3		78.0	25.6	1984.	40.9	4.9		21.0	-6.1	1983.+
MONTH	50.2	10.1		61.4	16.3		83.0	28.3	1972.	39.0	3.9		8.0	-13.3	1962.

NOTES :
T = TRACE AMOUNTS (<.01, OP <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEP

70 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	93	95	96	89	83	68	MISS
1946	77	75	83	93	89	97	95	96	92	86	86	80	97
1947	62	76	74	90	92	99	PART	96	96	PART	75	78	PART
1948	76	79	86	88	91	99	97	96	92	92	82	80	99
1949	82	80	85	PART	93	95	101	93	92	87	78	78	PART
1950	83	81	83	88	91	99	94	94	90	87	85	76	99
1951	75	83	85	86	95	95	96	96	91	92	80	81	98
1952	80	77	82	84	95	101	100	97	93	89	80	76	101
1953	76	76	83	86	98	98	97	96	90	84	80	74	98
1954	80	77	88	89	88	101	99	102	93	94	76	76	102
1955	78	79	88	87	96	93	93	95	PART	85	83	78	PART
1956	73	83	83	84	96	95	95	97	94	86	80	80	97
1957	81	83	80	85	89	92	97	98	95	80	79	74	98
1958	63	75	75	92	87	95	96	95	92	89	85	PART	MISS
1959	75	81	78	87	93	99	92	91	90	88	81	72	99
1960	78	72	79	88	96	95	97	94	91	87	82	75	97
1961	70	79	86	88	88	94	95	94	94	87	88	78	95
1962	78	86	77	87	97	92	95	93	92	90	80	75	97
1963	73	75	90	92	96	98	95	98	95	86	80	69	98
1964	74	67	81	89	97	96	93	97	90	86	84	77	97
1965	78	80	81	89	94	94	92	94	91	86	79	75	94
1966	76	78	82	85	88	91	94	97	93	88	83	79	97
1967	78	77	89	92	97	93	95	97	93	87	79	82	97
1968	75	72	87	93	93	97	97	99	91	89	79	74	99
1969	73	74	76	84	90	94	98	92	88	86	78	70	98
1970	76	74	81	92	94	100	100	95	93	85	79	79	100
1971	77	80	78	90	92	97	94	93	91	89	86	81	97
1972	79	78	80	91	87	91	97	97	96	91	87	83	97
1973	75	75	89	82	94	97	96	94	95	89	86	76	97
1974	80	79	90	89	96	97	97	92	90	83	84	74	97
1975	81	79	81	88	96	94	92	95	92	86	82	76	96
1976	75	79	86	90	87	93	95	92	88	86	76	73	95
1977	65	79	85	87	93	99	101	97	92	91	83	75	101
1978	74	71	84	90	91	99	95	95	92	87	86	82	99
1979	76	76	79	82	89	97	97	98	91	86	83	77	98
1980	70	81	77	91	90	97	100	99	97	88	80	78	100
1981	70	78	85	93	94	101	99	95	91	91	80	75	101
1982	75	80	88	83	91	96	96	95	91	83	80	81	96
1983	67	74	75	83	89	96	100	100	95	88	76	78	100
1984	69	76	84	88	89	99	94	95	93	85	80	79	99
1985	77	78	87	93	93	100	96	93	94	89	83	76	100
1986	73	79	85	92	96	99	104	95	94	94	85	77	104

MEAN 75.4 77.6 82.8 88.2 92.4 96.4 96.2 95.5 92.3 87.4 81.5 76.7 98.2
S.D. 4.517 3.633 4.394 3.262 2.294 2.811 2.854 2.358 2.302 2.913 3.232 3.437 2.057
TOT OBS 41 41 41 40 41 41 41 42 41 41 42 41 37

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

G13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 90 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MAX TEMP # DAYS
1947							94. 30			86. 29			
1949				68. 29									MAX TEMP # DAYS
1955									85. 29				MAX TEMP # DAYS
1958												74. 30	MAX TEMP # DAYS

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986
LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	68	61	64	43	25	20	MISS
1946	22	28	35	39	52	53	59	63	57	43	33	28	22
1947	26	19	24	44	41	56	PART	66	50	PART	30	24	MISS
1948	17	25	31	42	50	57	65	59	57	37	38	24	17
1949	27	34	28	PART	50	59	67	68	53	46	26	27	MISS
1950	30	28	27	33	55	57	67	61	50	43	15	22	15
1951	21	19	32	37	46	58	60	62	57	44	24	23	19
1952	18	26	32	38	46	63	58	60	55	27	29	22	18
1953	27	30	35	34	54	56	63	61	56	39	30	16	16
1954	24	25	23	43	45	56	63	62	57	38	27	20	20
1955	25	21	26	38	52	54	66	64	PART	36	24	18	MISS
1956	24	32	27	38	48	57	67	64	49	47	25	29	24
1957	17	27	30	35	45	64	64	61	52	32	33	15	15
1958	19	14	31	40	46	59	67	65	52	39	32	PART	MISS
1959	17	23	31	40	51	55	67	65	56	43	22	25	17
1960	20	25	21	30	48	52	65	63	58	36	27	17	17
1961	18	25	34	37	45	54	65	62	55	35	25	21	18
1962	16	26	27	32	50	62	66	62	50	33	31	8	8
1963	16	23	34	39	36	62	62	63	54	37	29	20	16
1964	18	26	27	39	52	61	60	64	53	35	32	23	18
1965	21	24	28	43	52	59	64	65	62	34	29	21	21
1966	11	19	28	35	47	51	60	61	54	42	27	24	11
1967	25	14	27	36	43	54	63	62	42	31	24	25	14
1968	20	18	26	36	49	58	71	61	57	37	26	22	18
1969	27	25	27	37	44	65	69	64	56	43	27	22	20
1970	11	22	30	37	48	58	65	69	46	37	16	24	11
1971	22	22	27	33	43	58	64	68	60	44	28	26	22
1972	17	22	28	30	50	50	59	67	57	37	24	20	17
1973	21	12	33	35	44	63	68	66	65	41	32	21	12
1974	34	23	32	34	53	57	60	67	54	33	27	26	23
1975	26	29	25	34	54	62	62	69	61	40	29	21	21
1976	16	26	32	35	43	55	67	63	52	27	25	20	16
1977	17	17	32	38	42	56	67	69	59	37	27	22	17
1978	19	19	23	38	46	57	67	66	55	38	36	24	19
1979	20	20	32	40	50	57	65	56	63	38	25	23	20
1980	24	17	15	38	44	59	69	64	64	39	29	24	15
1981	13	24	29	41	42	60	67	67	51	34	26	14	13
1982	10	29	29	32	48	63	66	65	54	43	36	29	10
1983	23	30	33	31	51	58	68	65	50	40	34	11	11
1984	21	25	29	43	49	54	68	64	53	47	30	23	21
1985	6	20	33	40	49	64	68	66	52	49	43	18	6
1986	12	27	27	38	48	65	71	57	62	40	32	32	12

MEAN 19.8 23.4 28.8 37.0 47.6 58.0 64.0 63.7 55.2 38.6 28.3 21.8 16.5
S.D. 5.615 4.945 4.071 3.630 4.111 3.834 3.277 3.061 4.972 5.040 5.182 4.697 4.286
TOT OBS 41 41 41 40 41 41 41 42 41 41 42 41 37

71 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL MIN TEMP # DAYS
1947							59. 30			47. 29			
1949				35. 29									MIN TEMP # DAYS
1955									62. 29				MIN TEMP # DAYS
1958												19. 30	MIN TEMP # DAYS

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)U13880 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	0	0	0	64	237	626	MISS
1946	443	333	125	79	1	0	0	0	0	42	129	376	1528
1947	289	582	486	31	17	0	MISS	0	9	MISS	315	466	MISS
1948	667	421	204	36	1	0	0	0	1	128	114	340	1912
1949	215	204	277	MISS	3	0	0	0	1	8	316	382	MISS
1950	160	279	326	156	1	0	0	0	0	17	377	619	1943
1951	485	409	264	105	6	0	0	0	0	30	367	338	2004
1952	309	374	238	103	10	0	0	0	0	149	253	523	1959
1953	362	338	180	105	0	0	0	0	0	65	318	444	1832
1954	420	292	311	43	23	0	0	0	0	176	319	521	2035
1955	531	359	197	52	0	1	0	MISS	0	104	323	549	MISS
1956	610	226	275	117	6	0	0	0	12	38	347	260	1891
1957	465	245	307	90	29	0	0	0	5	130	224	453	1948
1958	674	609	387	91	15	0	0	0	0	113	183	MISS	MISS
1959	574	330	314	100	3	0	0	0	0	38	279	465	2103
1960	483	459	582	65	12	0	0	0	0	62	216	651	2530
1961	635	347	155	181	11	2	0	0	3	92	251	443	2120
1962	553	263	363	160	0	0	0	0	8	95	339	597	2378
1963	604	545	172	69	29	0	0	0	2	33	233	650	2337
1964	504	477	240	61	4	0	0	0	0	135	153	385	1959
1965	507	392	340	95	0	0	0	0	0	95	225	481	2135
1966	644	427	338	119	15	2	0	0	0	51	280	498	2374
1967	442	460	194	50	29	4	0	0	15	112	334	367	2007
1968	657	648	307	67	4	0	0	0	0	80	334	564	2661
1969	624	551	444	90	6	0	0	0	1	50	349	567	2682
1970	735	454	249	82	9	0	0	0	11	42	324	392	2298
1971	465	424	404	127	16	0	0	0	0	13	261	220	1930
1972	317	459	249	113	8	0	0	0	0	33	268	302	1749
1973	520	524	167	141	18	0	0	0	0	34	158	428	1990
1974	131	378	150	114	2	0	0	0	5	136	299	432	1647
1975	350	294	273	152	0	0	0	0	0	40	221	466	1796
1976	624	260	146	94	15	3	0	0	0	159	418	501	2220
1977	808	516	186	58	17	0	0	0	0	112	175	459	2331
1978	663	616	309	52	18	0	0	0	0	57	83	399	2197
1979	602	505	241	70	2	0	0	0	0	68	203	500	2191
1980	495	542	321	82	17	0	0	0	0	80	287	537	2361
1981	719	393	333	55	16	0	0	0	3	88	291	577	2475
1982	611	372	214	132	3	0	0	0	0	102	154	276	1864
1983	596	440	264	146	2	0	0	0	4	24	230	500	2206
1984	578	323	240	92	16	0	0	0	9	13	337	249	1857
1985	692	418	183	47	4	0	0	0	2	16	54	526	1942
1986	586	261	244	74	4	0	0	6	0	56	128	376	1735

73 - YEAR/MONTH VALUES

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)013880 CHARLESTON, SC
PERIOD OF RECORD: 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	461	455	431	80	34	0	MISS
1946	7	1	47	84	217	366	457	436	304	120	55	7	2101
1947	10	0	0	116	253	359	MISS	453	352	MISS	2	3	MISS
1948	0	4	49	90	238	428	494	422	277	29	59	9	2099
1949	19	25	62	MISS	214	382	493	479	277	178	1	1	MISS
1950	31	19	23	88	254	441	445	424	295	123	25	0	2168
1951	0	6	33	38	166	395	482	466	305	171	27	13	2102
1952	13	0	18	40	289	516	509	486	294	58	2	0	2225
1953	0	0	37	63	381	384	471	428	312	104	13	3	2196
1954	9	1	44	117	121	429	509	544	380	156	13	4	2327
1955	0	5	62	112	280	307	477	465	MISS	85	18	1	MISS
1956	0	14	28	70	261	364	470	449	226	73	18	20	1993
1957	9	12	10	72	239	379	439	434	341	39	25	0	1999
1958	0	0	0	76	209	359	509	468	337	43	33	MISS	MISS
1959	0	13	5	85	260	334	408	419	268	168	29	0	1989
1960	0	0	6	95	245	382	472	474	334	155	9	0	2178
1961	0	3	48	33	156	360	492	441	363	59	82	16	2053
1962	4	23	4	78	347	348	496	444	283	149	2	0	2178
1963	0	0	51	101	237	432	469	497	270	110	7	0	2174
1964	1	0	17	101	261	458	410	461	322	65	26	14	2136
1965	0	12	19	88	327	341	443	459	233	109	8	0	2139
1966	0	3	2	72	194	271	462	474	332	132	28	6	1976
1967	0	3	46	122	234	326	469	456	168	47	5	16	1894
1968	0	0	24	96	222	389	520	518	310	154	4	0	2237
1969	0	0	1	46	165	465	555	394	268	158	6	0	2058
1970	0	0	9	126	253	410	552	487	384	130	7	1	2355
1971	2	5	5	65	215	469	480	457	369	199	31	32	2329
1972	7	3	5	93	163	275	475	488	351	110	30	22	2022
1973	0	0	50	42	233	412	554	501	445	184	56	10	2488
1974	41	7	63	80	288	319	417	450	312	46	18	3	2044
1975	8	13	26	74	318	414	449	516	361	171	58	0	2408
1976	2	9	73	70	187	329	502	384	274	52	7	1	1885
1977	0	1	54	107	263	493	588	518	417	71	71	1	2584
1978	0	0	13	106	242	414	505	514	378	86	40	21	2319
1979	0	2	9	71	241	335	533	514	354	105	40	0	2204
1980	0	9	7	69	221	407	549	529	451	87	5	1	2345
1981	0	0	9	138	199	539	582	481	307	66	9	0	2330
1982	0	2	42	42	232	420	510	475	293	111	36	34	2197
1983	0	0	6	32	217	362	550	567	322	149	10	4	2228
1984	0	1	19	67	228	420	471	509	254	212	21	10	2212
1985	7	17	57	136	276	445	501	470	332	245	129	5	2620
1986	0	2	36	114	300	499	662	474	414	182	78	5	2766

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)G1388D CHARLESTON, SC
PERIOD OF RECORD : 1945-1986LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	79.8	79.6	79.3	65.5	58.2	44.8	MISS
1946	50.9	53.1	62.4	65.1	71.9	77.1	79.7	79.0	75.1	67.5	62.5	53.0	66.4
1947	56.0	44.2	49.3	67.8	72.6	76.9	77.6P	79.6	76.4	70.8P	54.5	50.0	MISS
1948	43.4	50.1	60.0	66.7	72.6	79.2	80.9	78.6	74.1	61.8	63.1	54.3	65.4
1949	58.6	58.6	58.0	64.2P	71.8	77.7	80.9	80.4	74.1	70.4	54.5	52.7	MISS
1950	60.8	55.7	55.2	62.7	73.1	79.6	79.3	78.6	74.5	68.4	53.2	45.0	65.5
1951	49.3	50.6	57.5	62.7	70.1	78.1	80.5	80.0	75.1	69.5	53.6	54.5	65.1
1952	55.4	51.6	57.9	62.8	74.0	82.1	81.4	80.6	74.7	62.0	56.6	48.1	65.6
1953	52.6	52.9	60.3	63.5	77.2	77.7	80.1	78.8	75.3	66.2	54.8	50.7	65.8
1954	51.7	54.6	56.3	67.4	68.1	79.2	81.4	82.5	77.6	66.6	54.7	48.3	65.7
1955	47.8	52.3	60.6	67.0	74.0	75.1	80.3	80.0	75.1P	64.3	54.8	47.3	MISS
1956	45.2	57.4	57.4	63.4	73.2	77.1	80.1	79.4	72.1	66.1	54.0	57.2	65.2
1957	50.2	56.6	55.4	64.3	71.7	77.6	79.1	79.0	76.1	62.0	58.3	50.3	65.0
1958	43.2	43.2	52.5	64.5	71.2	76.9	81.4	80.0	76.2	62.7	60.0	46.7P	MISS
1959	46.4	53.6	55.0	64.5	73.2	76.1	78.1	78.5	73.9	69.1	56.6	50.0	64.6
1960	49.4	48.6	46.4	66.0	72.5	77.7	80.4	80.2	76.1	68.0	58.0	44.0	63.9
1961	44.5	52.7	61.5	60.0	69.6	76.9	80.8	79.2	77.0	63.9	59.3	51.2	64.7
1962	47.2	56.4	53.4	62.2	76.1	76.5	81.0	79.3	74.1	66.7	53.7	45.7	64.4
1963	45.5	45.5	61.0	66.0	71.7	79.3	80.1	81.0	73.9	67.4	57.4	44.0	64.4
1964	48.7	47.9	57.8	66.3	73.2	80.2	78.2	79.8	75.7	62.7	60.7	53.0	65.3
1965	48.6	51.4	54.6	64.7	75.5	76.3	79.2	79.8	76.0	65.4	57.7	49.4	64.9
1966	44.2	49.8	54.1	63.4	70.7	73.9	79.9	80.2	76.0	67.6	56.5	49.1	63.8
1967	50.7	48.6	60.2	67.3	71.6	75.7	80.1	79.7	70.0	62.9	54.0	53.6	64.5
1968	43.8	41.8	55.8	65.9	72.0	77.9	81.7	81.7	75.3	67.3	54.0	46.8	63.7
1969	44.8	45.3	50.7	63.5	70.1	80.5	82.9	77.7	73.8	68.4	53.5	46.7	63.2
1970	41.2	48.7	57.2	66.4	72.8	78.6	82.8	80.7	77.4	67.8	54.2	52.3	65.0
1971	50.0	50.0	52.1	62.9	71.4	80.6	80.4	79.7	77.2	71.0	57.3	58.9	66.0
1972	55.0	48.7	57.1	64.3	70.0	74.1	80.3	80.7	76.6	67.4	57.0	55.9	65.6
1973	48.2	46.2	61.2	61.6	71.9	78.7	82.9	81.1	79.8	69.8	61.5	51.5	66.2
1974	62.0	51.7	62.1	63.8	74.2	75.6	78.4	79.5	75.2	62.0	55.6	51.1	65.9
1975	53.9	54.9	57.0	62.3	75.2	78.7	79.4	81.6	77.0	69.2	59.5	49.9	66.5
1976	44.9	56.0	62.6	64.1	70.5	75.8	81.1	77.3	74.1	61.5	51.1	48.8	64.0
1977	38.9	46.6	60.7	66.6	72.9	81.4	83.9	81.7	78.8	63.6	61.5	50.2	65.6
1978	43.6	43.0	55.4	66.7	72.2	78.7	81.2	81.5	77.5	65.9	63.5	52.8	65.2
1979	45.5	47.0	57.5	65.0	72.7	76.1	82.1	81.5	76.7	66.1	59.5	48.8	64.9
1980	49.0	45.9	54.8	64.5	71.5	78.5	82.7	82.3	80.0	65.2	55.5	47.7	64.8
1981	41.8	50.9	54.5	67.7	70.9	82.9	83.7	80.5	75.1	64.2	55.5	46.3	64.5
1982	45.2	51.7	59.4	62.0	72.3	79.0	81.4	80.3	74.7	65.2	61.0	57.1	65.8
1983	45.7	49.2	56.6	61.1	71.9	77.0	83.0	83.2	75.5	69.0	57.6	49.0	64.9
1984	46.3	53.5	57.8	64.1	71.8	79.0	80.1	81.4	73.1	71.4	54.4	57.2	65.8
1985	42.9	50.6	60.9	67.9	73.7	79.8	81.1	80.1	76.0	72.3	67.5	48.1	66.7
1986	46.0	55.7	58.2	66.3	74.5	81.6	86.3	80.0	78.7	69.0	63.3	53.0	67.7

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)
 U13880 CHARLESTON, SC
 PERIOD OF RECORD : 1945-1986

 LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	17.31	2.14	MISS	4.52	MISS
1946	4.29	2.94	3.00	2.96	7.57	5.20	8.54	4.47	1.28	3.75	4.91	1.06	49.97
1947	1.15	.33	8.16	4.76	3.64	6.82	6.98P	3.53	9.93	4.72P	5.17	5.40	MISS
1948	3.50	3.98	8.15	5.39	8.30	1.43	8.03	5.74	9.40	2.64	3.90	3.43	63.89
1949	.77	3.07	2.48	2.26P	4.30	6.35	5.21	12.98	6.56	1.99	2.11	.83	MISS
1950	.63	.37	4.43	1.65	3.74	3.47	14.32	6.48	5.93	2.88	1.17	3.61	48.68
1951	.76	1.07	3.81	1.92	7.0	4.70	6.26	4.56	4.28	1.11	2.46	2.43	34.06
1952	1.06	5.99	4.08	2.30	4.75	3.59	5.86	7.36	7.24	1.29	1.90	1.88	47.30
1953	1.86	5.11	4.59	.92	2.43	3.98	4.36	7.90	6.94	.75	1.60	7.09	47.53
1954	.89	.56	1.38	2.25	3.18	.96	5.90	2.41	1.55	5.81	1.12	4.30	30.31
1955	3.29	1.69	1.06	3.24	1.84	3.47	7.06	2.28	8.93P	1.22	1.20	.83	MISS
1956	2.56	2.91	2.45	2.39	4.62	7.69	10.60	5.97	4.81	3.89	.88	.95	49.72
1957	1.43	3.35	5.53	1.70	9.28	6.83	5.32	5.86	8.44	1.83	4.71	3.57	60.85
1958	7.20	4.04	5.78	9.50	4.43	12.09	7.74	7.87P	5.54	3.31	.52	4.14P	MISS
1959	4.20	5.99	11.11	2.39	4.91	1.36	6.47	5.45	9.60	9.12	2.07	2.49	67.16
1960	5.81	4.06	2.72	2.05	2.26	6.76	14.10	3.15	7.60	.98	.79	2.13	52.41
1961	1.77	4.15	5.82	5.78	5.23	6.84	6.67	6.07	2.97	1.71	1.59	1.43	50.04
1962	3.59	1.28	7.88	2.52	1.61	16.07	5.93	11.54	3.81	3.25	2.01	1.46	61.15
1963	3.14	4.90	.99	2.68	1.70	14.34	7.94	6.34	2.75	2.27	4.74	3.18	54.97
1964	6.53	6.32	4.40	2.72	4.77	6.95	18.46	7.67	4.11	7.53	.52	3.01	72.99
1965	1.69	5.49	7.99	3.10	1.32	6.68	8.90	5.90	4.66	6.23	.87	1.20	54.03
1966	6.68	4.61	2.65	2.83	7.71	6.03	11.48	3.45	2.20	1.70	.48	3.76	53.58
1967	4.93	3.12	2.81	.84	8.91	4.06	9.10	3.74	1.39	.52	1.35	2.79	43.65
1968	2.25	.79	1.35	1.99	2.54	9.41	7.77	4.42	1.66	6.86	2.67	3.65	45.36
1969	1.19	2.05	5.14	3.46	2.34	4.88	5.34	11.84	5.37	1.50	5.49	3.52	52.12
1970	2.51	2.86	7.72	1.34	3.78	.96	5.97	10.64	2.53	4.08	.67	2.90	45.92
1971	5.45	4.71	4.05	4.11	4.15	4.07	6.04	16.32	.53	7.22	1.61	2.28	60.54
1972	4.13	5.18	2.52	.01	5.67	5.29	1.76	4.52	1.82	.25	7.35	4.36	42.86
1973	4.59	5.57	6.15	2.55	1.83	27.24	3.60	6.66	7.93	.63	.84	4.58	72.17
1974	1.42	2.96	3.04	.86	4.62	9.45	3.00	16.99	4.60	.40	3.78	3.00	54.61
1975	4.92	3.54	4.54	3.74	5.06	5.96	9.34	7.18	5.16	1.97	1.43	3.35	56.19
1976	1.62	.95	2.33	.62	6.87	5.59	4.48	5.22	6.03	4.10	3.57	5.12	48.50
1977	2.72	1.38	5.31	.45	4.66	2.12	3.86	8.13	2.48	2.45	1.76	5.88	41.24
1978	4.31	1.82	3.25	1.97	4.68	3.42	6.19	4.01	5.06	.18	1.87	4.13	40.89
1979	3.43	3.04	3.01	3.81	8.09	2.23	8.35	.88	15.36	3.87	3.29	2.62	57.98
1980	3.99	1.25	7.99	3.43	5.85	3.15	6.97	.73	2.60	1.52	2.19	1.25	40.92
1981	.93	2.23	2.38	1.87	4.02	6.04	12.66	9.30	1.27	1.95	1.06	5.73	49.44
1982	2.18	3.64	1.26	6.51	3.04	9.16	5.40	4.10	3.92	2.42	1.19	4.20	47.02
1983	4.86	6.35	11.11	3.57	.75	2.37	8.80	2.90	3.50	2.36	3.08	4.35	54.09
1984	5.12	3.51	5.63	6.30	6.89	2.96	4.87	1.96	5.27	1.67	1.39	.66	46.23
1985	.87	2.70	1.50	1.12	2.79	7.02	12.06	8.48	2.53	4.58	5.49	1.21	50.35
1986	2.05	4.17	2.67	.83	.93	2.51	5.07	13.41	4.60	2.95	4.03	5.21	48.43

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON (FROM DAILY OBSERVATIONS)

U13980 CHARLESTON, SC
PERIOD OF RECORD : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT
MONTH : ALL

MONTH	HOURS (LST)	TSTM	RAIN E/OP DRIZZLE	FREEZE RAIN E FREEZE DRIZZLE	SNOW E/OP SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OP HAZE	BLOWING SNOW	DUST E/OP SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	DAILY	2.4	42.3	.0	3.3	.1	43.4	44.1	40.0	.0	.1	58.0	1271
FEB	DAILY	3.7	42.5	.0	2.9	.1	43.2	40.0	40.9	.1	.0	56.9	1147
MAR	DAILY	8.1	43.4	.0	1.3	.3	43.7	43.0	40.4	.0	.2	55.1	1271
APR	DAILY	9.8	34.4	.0	.0	.7	34.4	41.5	38.5	.0	.1	52.3	1229
MAY	DAILY	22.2	42.7	.0	.0	.6	42.7	45.6	44.5	.0	.0	58.5	1264
JUN	DAILY	33.1	51.1	.0	.0	.5	51.1	44.5	46.4	.0	.0	60.7	1214
JUL	DAILY	44.0	58.8	.0	.0	.3	58.8	37.7	42.2	.0	.0	56.2	1268
AUG	DAILY	38.2	56.9	.0	.0	.1	56.9	45.8	50.7	.0	.1	63.7	1276
SEP	DAILY	17.2	46.3	.0	.0	.1	46.3	52.2	48.9	.0	.1	66.6	1256
OCT	DAILY	4.9	32.1	.0	.0	.5	32.5	46.3	39.9	.0	.0	57.1	1299
NOV	DAILY	2.5	36.5	.0	.1	.1	36.5	45.2	38.6	.0	.1	55.6	1260
DEC	DAILY	2.1	40.3	.0	.8	.0	40.4	43.7	38.0	.1	.1	55.9	1301
ANN	DAILY	15.7	43.9	.0	.7	.2	44.1	44.2	42.4	.0*	.1	58.1	15056

NOTES :
* = PERCENT < .05

27 - STATION CLIMATIC SUMMARY

1388C CHARLESTON, SC

PERIOD OF RECORD (HOURLY): 1945-1986

PERIOD OF RECORD (DAILY) : 1945-1986

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

LAT. : 32 54N LONG. : 80 02W ELEV. : 46 FT

	TEMPERATURE (DEG F)				PRECIPITATION (INCHES)	(3)	REL HUM (VAPOR)	WIND (KTS)	SKY	PRECIP. (INCHES)	SNOW- (INCHES)	TH	MEAN NO. OF DAYS WITH (2)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
	MEANS		EXTREME	MAX									MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN

NOTES :

T = TRACE AMOUNTS (< .05, < .5 INCHES

= MEAN NO. DAYS < .5 DAYS

\$ = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 50 = 500 FEET)

3 = NAVY STATIONS REPORTED HAIL AS SNOWFALL

STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.

+ = THE PREDOMINANT SKY CONDITION

* = VISIBILITY IS NOT CONSIDERED

£ = ANNUAL TOTALS MAY DIFFER FROM THE SUM OF THE MONTHLY VALUES BECAUSE OF ROUNDING

24 HOUR MAXIMUM PRECIPITATION AND SNOWFALL ARE DAILY TOTAL VALUES (MID-NIGHT TO MID-NIGHT TOTALS).

[illegible]

TAB #	2	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	4	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	11	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	12	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	13	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	14	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	15	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	16	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	17	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	18	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	19	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	20	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	5	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	6	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	7	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	8	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	9	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	10	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	21	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	22	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	23	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	24	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	25	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	26	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	27	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	28	1986	13 OUTPUT TO UNIT 12-COMLETE
TAB #	29	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	30	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	31	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	32	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	33	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	34	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	35	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	36	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	37	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	38	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	39	1986	12 OUTPUT TO UNIT 12-COMLETE
TAB #	40	1986	13 OUTPUT TO UNIT 12-COMLETE

38KPT PRINTS

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SPERRY 1100 TIME/SHARING EXEC --- MULTI-PROCESSOR SYSTEM --- LEV. 39R3D.1a
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***NCC*
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