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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

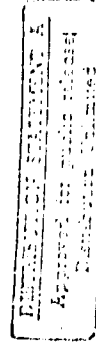
AD-A203 831

JOB NO.	TASK RN3AB2KD	DATE	December 1988
STATION: #93727, New River, NC LAT. 34:43 N LONG. 77:26 W			
ELEVATION: 24 feet			
PERIOD: HOURLY: 1985-1986 DAILY: 1985-1986			

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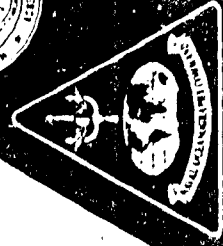
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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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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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DEC 16 1988

From: Officer in Charge, Naval Oceanography Command Detachment Asheville

Subj: SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS)

1. Discussion. This edition of the SMOS was produced utilizing a revised software package. The product has been expanded to include station climatic summary tables and is considered a stand alone publication. This update includes the period of record (POR) through 1986 for all hourly and daily data. Our revised production methodology incorporates two computerized editing phases after the initial processing stage and a manual review and intervention of suspect data prior to the print phase. Every effort has been made to produce at least a 99.9 percent data perfect product based on the stations observation data. We have switched to a direct computer printout on standard computer paper instead of the previous print format. This results in a 85 percent print cost savings over our old specialized print format.

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Table 13 By month, all years combined, by standard 3-hour groups and all hours combined.

Table 14 By month and annual, all hours and years combined, by wind direction.

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- c. Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.
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- e. Hail - Occurrences of hail and small hail are included.
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- j. Dust and/or sand - Included are blowing dust, blowing sand, and dust.
- k. Blowing spray - This item if reported, is not shown in a separate category on this table but is included in the computation Percentage of Observations with Obstructions to Vision.



A-7

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.

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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 tens 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 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	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												≥ 0
≥ 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	10 (or obscured)

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 (σ). 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.

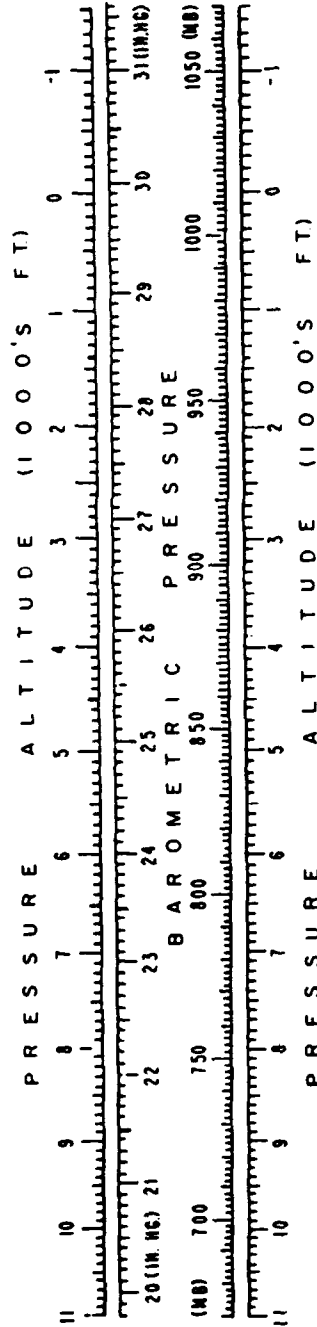
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five 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
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From: Officer in Charge, Naval Oceanography Command Detachment Asheville

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

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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 1/4	≥ 1	≥ 3/4	≥ 5/16	≥ 0
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	10 (or obscured)

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 (σ_X). 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.

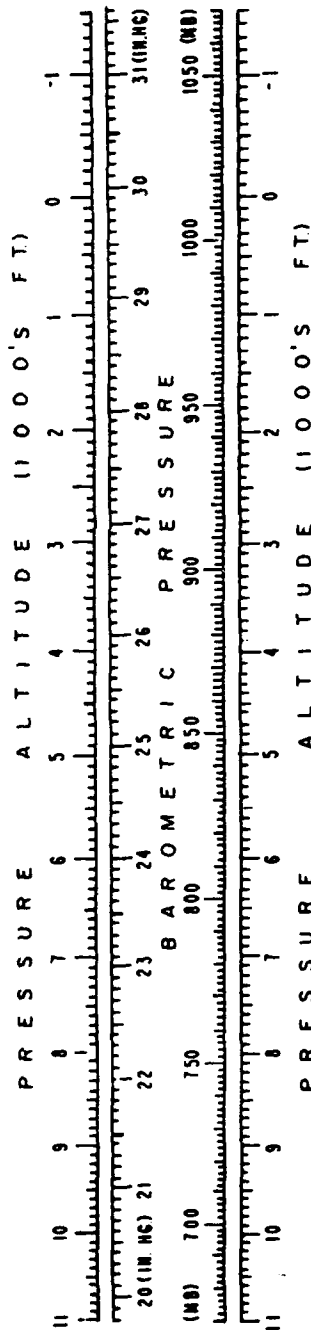
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction Table 4. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in five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

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

DAILY DATA TABULATIONS :

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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
21 DAILY EXTREME AMOUNTS : PRECIPITATION
22 DAILY EXTREME AMOUNTS : SNOW FALL AND SNOW DEPTH
23 EXTREME VALUES : PRECIPITATION (24 HOUR TOTALS) -- YEAR VS MONTH
24 EXTREME VALUE : SNOW FALL -- YEAR VS MONTH
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36 WEATHER CONDITIONS--MONTH VS WEATHER CONDITIONCLASS FROM DAILY OBSERVATIONS
37 STATION CLIMATIC SUMMARY
38 OMITTED
39 OMITTED

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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 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	2.0	4.5	3.8	.4	.1	.0	.0	.0	.0	.0	.0	10.8	6.2
NNE	1.4	2.0	1.4	.8	.0	.0	.0	.0	.0	.0	.0	5.6	6.3
NE	.6	1.7	1.0	.4	.0	.0	.0	.0	.0	.0	.0	3.6	6.4
ENE	.8	1.7	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.9	5.0
E	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.0
ESE	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	2.9
SE	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
SSE	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	6.5
S	.3	.7	1.0	.6	.1	.0	.0	.0	.0	.0	.0	2.7	8.2
SSW	1.1	.8	2.0	.6	.0	.0	.0	.0	.0	.0	.0	4.5	6.4
SW	2.2	2.7	1.1	.4	.0	.0	.0	.0	.0	.0	.0	6.5	5.4
WSW	2.4	3.6	2.1	.6	.0	.0	.0	.0	.0	.0	.0	8.7	5.7
W	1.4	4.5	2.2	1.0	.1	.0	.0	.0	.0	.0	.0	9.3	6.5
WNW	1.0	2.1	1.8	.8	.1	.0	.0	.0	.0	.0	.0	5.9	7.1
NW	1.0	2.0	1.5	.8	.0	.0	.0	.0	.0	.0	.0	5.3	6.8
NNW	1.4	2.8	1.5	.7	.0	.0	.0	.0	.0	.0	.0	6.5	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	23.6	.0
ALL	17.5	31.1	19.6	7.4	.7	.0	.0	.0	.0	.0	.0	100.0	4.7

TOTAL NO. OF OBS : 713

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 0000 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	2	1	1	1	1	1	1
N	3.8	4.9	4.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	5.7
NNE	1.8	1.7	1.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.8
NE	1.0	2.1	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.0
ENE	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.4
E	1.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.9
ESE	.6	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0
SE	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.7
SSE	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
S	.7	.6	.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
SSW	.7	1.1	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.5
SW	1.5	2.4	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.5
WSW	2.9	3.4	2.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	5.2
W	2.5	2.7	2.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	6.2
WNW	1.1	3.2	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.0
NW	.7	2.5	1.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.3
NNW	1.0	2.5	1.8	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.1
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	22.9	.0
ALL	20.3	29.0	21.2	5.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.6

TOTAL NO. OF OBS : 713

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 0700 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.		1	- 3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED		
N		2.4	6.3	4.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.2	6.3		
NNE		1.4	2.9	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.0		
NE		.6	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.2		
ENE		.7	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.1		
E		1.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.4		
ESE		.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.5		
SE		.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.7		
SSE		.3	.1	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.5		
S		.2	.7	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.9		
SSW		1.1	1.0	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9		
SW		1.5	2.8	1.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.3		
WSW		2.1	2.3	1.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.8	5.9		
W		3.0	3.7	2.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.5	5.6		
WNW		1.3	2.3	1.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	5.9	6.7		
NW		1.7	1.9	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.1		
NNW		2.6	2.8	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	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	20.9	.0		
ALL		20.2	31.2	20.4	6.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	100.0	4.8		

TOTAL NO. OF OBS : 939

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 1000 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	1.8	4.5	5.8	2.7	.1	.1	.0	.0	.0	.0	.0	15.0	7.5
NNE	.6	3.4	5.5	.9	.0	.0	.0	.0	.0	.0	.0	10.4	7.4
NE	1.5	2.3	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.5
ENE	1.0	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
E	2.0	.9	.4	.2	.0	.0	.0	.0	.0	.0	.0	3.5	4.2
ESE	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.2
SE	.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.5
SSE	.1	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.3	7.3
S	.1	.4	1.0	.7	.0	.0	.0	.0	.0	.0	.0	2.2	8.8
SSW	.4	1.1	.9	.7	.0	.0	.0	.0	.0	.0	.0	3.1	7.3
SW	.2	1.9	2.3	1.4	.2	.1	.0	.0	.0	.0	.0	6.2	9.2
WSW	.6	1.4	3.0	1.4	.2	.0	.0	.0	.0	.0	.0	6.6	8.4
W	1.1	2.2	3.2	1.3	.5	.1	.0	.0	.0	.0	.0	8.4	8.6
WNW	.3	1.4	1.8	.7	.3	.0	.0	.0	.0	.0	.0	5.2	9.2
NW	.5	1.5	2.4	1.7	.7	.0	.0	.0	.0	.0	.0	6.9	9.4
NNW	.7	2.7	3.8	.9	.6	.0	.0	.0	.0	.0	.0	8.7	8.4
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	9.6	.0
ALL	12.4	26.7	33.4	14.9	2.8	.3	.0	.0	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 941

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 1300 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	.9	5.2	4.3	2.3	.3	.1	.0	.0	.0	.0	.0	13.1	8.0
NNE	.9	1.2	3.2	.6	.1	.0	.1	.0	.0	.0	.0	6.1	8.1
NE	.6	2.0	1.8	.4	.0	.0	.0	.0	.0	.0	.0	4.9	6.6
ENE	1.6	1.7	1.3	.1	.0	.0	.0	.0	.0	.0	.0	4.7	5.2
E	1.1	2.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.6
ESE	1.2	1.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.2	4.5
SE	.9	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	2.3	5.5
SSE	.3	.3	.6	.5	.2	.0	.0	.0	.0	.0	.0	2.0	8.8
S	.4	.7	1.7	1.7	.0	.0	.0	.0	.0	.0	.0	4.6	9.0
SSW	.2	.0	.4	1.0	.1	.0	.0	.0	.0	.0	.0	1.7	11.4
SW	.2	.6	2.2	1.7	.3	.1	.1	.0	.0	.0	.0	5.3	10.9
WSW	.3	.5	2.4	2.8	1.1	.0	.0	.0	.0	.0	.0	7.1	11.6
W	.3	2.6	3.8	3.3	.5	.1	.0	.0	.0	.0	.0	10.6	9.6
WNW	.9	1.9	2.8	2.2	.2	.1	.1	.0	.0	.0	.0	8.2	9.1
NW	.3	1.8	2.2	2.1	.2	.0	.0	.0	.0	.0	.0	6.7	9.5
NNW	.9	2.2	3.2	2.9	.5	.1	.0	.0	.0	.0	.0	9.8	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	5.5	.0
ALL	10.9	25.7	31.4	22.0	3.6	.5	.3	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 939

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 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	22-27	28-33	34-40	41-47	48-55	>56	TOTAL	MEAN
DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	WIND SPEED
N	1.2	3.7	5.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	7.6
NNE	1.5	2.9	1.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	6.2
NE	.7	2.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.7
ENE	.3	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
E	1.5	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.1
ESE	.5	.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.4
SE	1.0	1.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.4
SSE	.6	2.0	.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.2
S	.3	3.0	4.6	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.2	7.8
SSW	.2	.5	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	9.7
SW	.1	1.0	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	9.1
WSW	.4	1.1	1.8	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	5.2	9.7
W	.4	1.9	4.4	2.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	9.6	9.3
WNW	.6	2.0	2.9	2.0	.2	.1	.0	.0	.0	.0	.0	.0	.0	7.9	8.9
NW	.5	1.7	2.5	2.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	8.1	9.8
NNW	1.0	2.3	3.1	1.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	8.6	8.6
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	.0	.0
ALL	11.0	29.3	34.2	17.3	2.7	.6	.0	.0	.0	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 938

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 1900 LST

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

16 PT.		1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN
DIR.		1		1	1		1	1	1	1	1	1	1	1	1	1	%	WIND
																		SPEED
N		2.9		3.5		3.4		.4		.0		.0		.0		.0	10.3	5.6
NNE		1.0		1.4		2.0		.7		.0		.0		.0		.0	5.0	6.9
NE		1.1		1.6		1.2		.2		.0		.0		.0		.0	4.1	5.7
ENE		.1		1.9		.5		.0		.0		.0		.0		.0	2.5	5.3
E		1.0		1.2		.9		.1		.0		.0		.0		.0	3.2	5.3
ESE		.7		1.1		.5		.0		.0		.0		.0		.0	2.3	4.8
SE		.9		.8		.3		.1		.0		.0		.0		.0	2.1	4.6
SSE		1.1		1.0		.1		.1		.0		.0		.0		.0	2.4	4.5
S		1.7		1.7		.9		.4		.1		.0		.0		.0	4.9	5.4
SSW		1.9		1.6		3.2		.5		.0		.0		.0		.0	7.2	6.3
SW		1.4		3.7		2.1		.8		.1		.0		.0		.0	8.1	6.2
WSW		1.5		2.3		1.2		.3		.1		.0		.0		.0	5.5	5.7
W		2.1		3.8		1.7		.5		.2		.0		.0		.0	8.4	6.0
WNW		1.5		2.7		1.6		.2		.2		.1		.0		.0	6.4	6.3
NW		1.1		1.9		.8		.9		.1		.0		.0		.0	4.7	6.4
NNW		1.9		1.3		1.7		.5		.0		.0		.0		.0	5.5	6.0
VAR		.0		.0		.0		.0		.0		.0		.0		.0	.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0	17.5	.0
ALL		21.8		31.6		22.2		5.9		1.0		.1		.0		.0	100.0	4.8

TOTAL NO. OF OBS : 916

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 2200 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
						22-27	28-33	34-40	41-47	48-55		
N	2.5	3.6	2.7	.4	.0	.0	.0	.0	.0	.0	9.2	5.7
NNE	2.0	1.0	2.0	.6	.0	.0	.0	.0	.0	.0	5.4	6.0
NE	1.5	1.8	1.4	.0	.0	.0	.0	.0	.0	.0	4.7	5.0
ENE	1.0	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.1	4.5
E	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4
ESE	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.0	4.0
SE	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.8	3.8
SSE	1.0	.4	.1	.1	.1	.0	.0	.0	.0	.0	1.8	5.7
S	.3	1.4	.8	.1	.0	.0	.0	.0	.0	.0	2.7	6.4
SSW	.6	1.8	1.8	.4	.0	.0	.0	.0	.0	.0	4.6	7.0
SW	3.6	2.9	1.1	.6	.0	.0	.0	.0	.0	.0	8.2	4.7
WSW	2.9	2.8	1.8	.7	.1	.0	.0	.0	.0	.0	8.4	5.6
W	2.1	3.1	1.5	.8	.1	.0	.0	.0	.0	.0	7.7	6.1
WNW	.7	2.2	1.5	.7	.1	.0	.0	.0	.0	.0	5.3	6.8
NW	.8	2.2	2.0	1.1	.0	.0	.0	.0	.0	.0	6.1	7.3
NNW	1.0	1.4	1.4	.3	.0	.0	.0	.0	.0	.0	4.1	5.9
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	22.2	28.5	19.0	5.9	.6	.0	.0	.0	.0	.0	23.9	4.4

TOTAL NO. OF OBS : 716

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 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	2	3	4	5	6		
N	2.1	4.5	4.3	1.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.4	6.7
NNE	1.3	2.1	2.5	.7	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.7
NE	1.0	2.0	1.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.1
ENE	.7	1.4	.6	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.1
E	1.2	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.3
ESE	.6	.7	.2	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.6
SE	.5	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.9
SSE	.5	.6	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	6.4
S	.5	1.2	1.5	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.5
SSW	.8	1.0	1.5	.7	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	7.4
SW	1.2	2.2	1.8	1.0	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.1
WSW	1.6	2.1	2.0	1.1	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	7.2
W	1.6	3.0	2.7	1.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	7.4
WNW	.9	2.2	2.0	1.1	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.7
NW	.8	1.9	1.9	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	8.0
NNW	1.3	2.3	2.4	1.1	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	7.5
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	15.3	.0
ALL	16.7	29.1	25.7	11.2	1.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 6815

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JAN
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	2.8	50.9	52.1	52.7	53.6	53.7	54.4	54.8	54.8	55.0
>=20000	2.8	53.1	54.6	55.1	56.0	56.1	56.8	57.3	57.3	57.4
>=18000	2.8	53.1	54.6	55.1	56.0	56.1	56.8	57.3	57.3	57.4
>=16000	2.8	53.1	54.6	55.1	56.0	56.1	56.8	57.3	57.3	57.4
>=14000	2.8	53.1	54.6	55.1	56.0	56.1	56.8	57.3	57.3	57.4
>=12000	3.0	53.8	55.3	55.8	56.7	56.8	57.5	58.0	58.1	58.4
>=10000	3.0	57.1	58.5	59.1	60.0	60.1	60.8	61.3	61.4	61.7
>= 9000	3.0	57.1	58.5	59.1	60.0	60.1	60.8	61.3	61.4	61.7
>= 8000	3.1	61.7	63.4	64.0	64.8	65.0	65.7	66.1	66.2	66.5
>= 7000	3.1	63.1	64.8	65.4	66.2	66.4	67.1	67.5	67.7	67.9
>= 6000	3.1	63.4	65.1	65.7	66.5	66.7	67.4	67.8	67.9	68.2
>= 5000	3.3	64.5	66.5	67.1	67.9	68.1	68.8	69.2	69.4	69.7
>= 4500	3.3	65.2	67.2	67.8	68.7	68.8	69.5	69.9	70.1	70.4
>= 4000	3.3	66.2	68.2	69.5	70.4	70.5	71.2	71.7	71.8	72.1
>= 3500	3.3	67.1	69.2	70.4	71.2	71.4	72.1	72.5	72.6	72.9
>= 3000	3.3	69.2	71.5	72.8	73.8	73.9	74.6	75.1	75.2	75.5
>= 2500	3.4	70.4	72.8	74.2	75.4	75.5	76.2	76.6	76.8	77.1
>= 2000	3.6	71.8	74.6	76.6	78.1	78.2	78.9	79.3	79.5	79.8
>= 1800	3.6	71.9	74.9	76.9	78.3	78.5	79.3	79.8	79.9	80.2
>= 1500	3.6	73.9	77.5	79.8	81.6	81.8	82.8	83.2	83.3	83.6
>= 1200	3.6	74.6	78.3	80.6	82.5	82.6	83.8	84.2	84.3	84.6
>= 1000	3.6	75.6	79.5	81.9	84.9	85.0	86.3	86.8	86.9	87.3
>= 900	3.6	76.1	79.9	82.3	85.3	85.5	86.8	87.2	87.3	87.7
>= 800	3.6	76.4	80.3	82.8	85.9	86.0	87.3	87.7	87.9	88.3
>= 700	3.6	76.6	81.1	83.9	87.3	87.5	88.9	89.5	89.6	90.0
>= 600	3.6	77.4	81.9	84.8	88.2	88.3	89.9	90.7	90.9	91.3
>= 500	3.6	77.6	82.3	85.5	88.9	89.0	91.0	92.3	93.0	93.4
>= 400	3.6	77.9	82.6	86.0	89.9	90.0	92.2	93.4	94.2	94.6
>= 300	3.6	78.1	82.8	86.6	90.9	91.0	93.6	94.9	95.6	96.2
>= 200	3.6	78.1	82.8	86.9	91.2	91.3	94.0	95.3	96.3	97.2
>= 100	3.6	78.1	82.8	86.9	91.2	91.3	94.2	95.4	96.4	97.3
>= 0	3.6	78.1	82.8	86.9	91.2	91.3	94.2	95.4	96.4	97.3

TOTAL NO. OF OBS : 702

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	3.2	49.9	51.8	52.8	53.7	53.8	54.4	54.6	54.6	54.8	54.8	54.8	54.9	54.9	54.9	55.2
>=20000	3.2	52.0	53.9	54.9	55.9	56.0	56.6	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.4
>=18000	3.2	52.0	53.9	54.9	55.9	56.0	56.6	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.4
>=16000	3.2	52.0	53.9	54.9	55.9	56.0	56.6	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.4
>=14000	3.2	52.0	53.9	54.9	55.9	56.0	56.6	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.4
>=12000	3.2	52.8	54.8	55.8	56.7	56.9	57.4	57.7	57.7	57.9	57.9	57.9	58.0	58.0	58.0	58.3
>=10000	3.7	55.8	57.7	58.8	59.8	60.0	60.5	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.4
>=9000	3.8	55.9	57.9	59.0	60.0	60.1	60.7	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.5
>=8000	3.8	60.1	62.1	63.3	64.3	64.5	65.0	65.3	65.3	65.6	65.6	65.6	65.7	65.7	65.7	66.0
>=7000	3.8	61.0	63.1	64.6	65.6	65.7	66.3	66.6	66.6	66.9	66.9	66.9	67.0	67.0	67.0	67.3
>=6000	3.8	61.2	63.3	64.9	66.0	66.2	66.7	67.0	67.0	67.3	67.3	67.3	67.4	67.4	67.4	67.7
>=5000	3.8	62.4	64.7	66.3	67.6	67.7	68.3	68.5	68.5	68.8	68.8	68.8	69.0	69.0	69.0	69.2
>=4500	3.8	62.9	65.3	66.9	68.1	68.3	68.8	69.1	69.1	69.4	69.4	69.4	69.5	69.5	69.5	69.8
>=4000	3.8	63.8	66.6	68.3	69.7	69.8	70.4	70.6	70.6	70.9	70.9	70.9	71.1	71.1	71.1	71.3
>=3500	3.8	64.3	67.4	69.1	70.5	70.6	71.2	71.5	71.5	71.8	71.8	71.8	71.9	71.9	71.9	72.2
>=3000	3.8	66.4	69.7	71.6	73.2	73.3	73.9	74.2	74.2	74.4	74.4	74.4	74.6	74.6	74.7	75.0
>=2500	3.8	68.5	72.3	74.3	75.8	76.0	76.5	76.8	76.8	77.1	77.1	77.1	77.2	77.2	77.4	77.7
>=2000	3.8	70.1	74.0	76.5	78.2	78.4	79.1	79.4	79.4	79.8	79.8	79.8	79.9	79.9	80.1	80.3
>=1800	3.8	70.4	74.3	76.8	78.5	78.7	79.4	79.6	79.6	80.1	80.1	80.1	80.2	80.2	80.3	80.6
>=1500	3.8	71.5	76.5	79.5	81.6	81.7	82.6	82.9	82.9	83.3	83.3	83.3	83.4	83.4	83.7	84.0
>=1200	3.8	72.1	77.2	80.2	82.3	82.4	83.3	83.6	83.6	84.0	84.0	84.0	84.3	84.3	84.6	84.8
>=1000	3.8	73.3	78.5	81.7	84.3	84.4	85.3	85.5	85.5	86.0	86.1	86.1	86.4	86.4	86.7	86.9
>=900	3.8	73.7	79.1	82.3	84.8	85.0	85.8	86.1	86.1	86.5	86.7	86.7	86.9	86.9	87.2	87.5
>=800	3.8	73.9	79.4	82.7	85.5	85.7	86.5	86.8	86.8	87.2	87.5	87.5	87.8	87.8	88.1	88.3
>=700	3.8	74.0	79.9	83.7	86.8	86.9	87.9	88.2	88.2	88.8	89.0	89.0	89.5	89.5	89.7	90.0
>=600	3.8	74.3	80.2	84.1	87.4	87.5	88.8	89.3	89.3	89.9	90.2	90.2	90.6	90.6	90.9	91.2
>=500	3.8	74.9	81.6	86.0	89.6	89.7	91.4	92.1	92.1	93.3	93.5	93.5	94.0	94.0	94.2	94.5
>=400	3.8	74.9	81.9	86.2	90.4	90.6	92.6	93.4	93.4	94.7	94.9	94.9	95.4	95.4	95.6	95.9
>=300	3.8	75.0	82.2	86.5	90.9	91.0	93.3	94.5	94.5	95.8	96.1	96.1	96.5	96.5	96.8	97.1
>=200	3.8	75.0	82.2	86.7	91.0	91.2	93.7	94.9	94.9	96.8	97.2	97.2	97.9	97.9	98.3	98.7
>=100	3.8	75.0	82.2	86.7	91.0	91.2	93.7	94.9	94.9	96.8	97.3	97.3	98.3	98.3	99.0	99.7
>= 0	3.8	75.0	82.2	86.7	91.0	91.2	93.7	94.9	94.9	96.8	97.3	97.3	98.3	98.3	99.0	100.0

TOTAL NO. OF OBS : 712

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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	8.2	44.0	46.4	47.9	48.5	48.7	49.2	49.5	49.8	49.8	49.8	49.8	49.8	50.1	50.2	50.4	50.7
>=20000	8.3	46.8	49.6	51.1	51.9	52.1	52.6	52.8	53.2	53.2	53.2	53.2	53.2	53.5	53.6	53.9	54.1
>=18000	8.4	47.1	49.9	51.4	52.2	52.4	52.9	53.2	53.5	53.5	53.5	53.5	53.5	53.8	53.9	54.3	54.5
>=16000	8.4	47.1	49.9	51.4	52.2	52.4	52.9	53.2	53.5	53.5	53.5	53.5	53.5	53.8	53.9	54.3	54.5
>=14000	8.5	47.7	50.5	52.1	52.8	53.1	53.6	53.8	54.1	54.1	54.1	54.1	54.1	54.5	54.6	54.9	55.1
>=12000	8.6	48.7	51.5	53.1	53.9	54.1	54.7	54.9	55.2	55.2	55.2	55.2	55.2	55.6	55.7	56.0	56.2
>=10000	9.0	50.4	53.4	54.9	55.8	56.0	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.4	57.5	58.0	58.2
>= 9000	9.0	50.5	53.5	55.0	55.9	56.1	56.7	56.9	57.2	57.2	57.2	57.2	57.2	57.5	57.6	58.1	58.3
>= 8000	9.6	54.3	57.5	59.3	60.5	60.7	61.2	61.5	61.8	61.8	61.8	61.8	61.8	62.1	62.2	62.7	63.0
>= 7000	9.9	55.9	59.3	61.1	62.3	62.6	63.1	63.3	63.6	63.6	63.6	63.6	63.6	64.0	64.1	64.5	64.8
>= 6000	9.9	56.2	59.6	61.5	62.7	62.9	63.4	63.6	64.0	64.0	64.0	64.0	64.0	64.3	64.4	64.8	65.2
>= 5000	10.2	57.1	60.5	62.3	63.6	63.9	64.4	64.6	65.0	65.1	65.1	65.1	65.1	65.4	65.5	65.9	66.3
>= 4500	10.3	57.4	60.9	63.0	64.3	64.5	65.1	65.3	65.6	65.7	65.7	65.7	65.7	66.0	66.2	66.6	66.9
>= 4000	10.4	59.0	62.4	64.6	65.9	66.2	66.8	67.0	67.4	67.5	67.5	67.5	67.5	67.8	67.9	68.3	68.7
>= 3500	10.4	59.7	63.3	65.7	67.0	67.2	67.9	68.1	68.4	68.6	68.6	68.6	68.6	68.9	69.0	69.4	69.8
>= 3000	10.4	62.0	66.0	68.8	70.3	70.5	71.3	71.5	71.8	71.9	71.9	71.9	71.9	72.3	72.4	72.8	73.1
>= 2500	10.5	63.1	67.5	70.5	72.2	72.4	73.3	73.5	73.8	73.9	73.9	73.9	73.9	74.2	74.3	74.8	75.1
>= 2000	10.5	64.6	69.5	72.8	74.6	74.8	75.8	76.0	76.4	76.5	76.5	76.5	76.5	77.0	77.1	77.5	77.8
>= 1800	10.5	64.6	69.7	72.9	74.7	74.9	75.9	76.1	76.5	76.6	76.6	76.6	76.6	77.1	77.2	77.6	77.9
>= 1500	10.5	65.6	71.4	74.8	76.5	76.7	77.8	78.2	78.7	78.9	78.9	78.9	78.9	79.5	79.6	80.0	80.3
>= 1200	10.5	66.7	72.6	76.3	78.2	78.4	79.5	79.8	80.5	80.7	80.7	80.7	80.7	81.2	81.3	81.8	82.2
>= 1000	10.5	67.6	73.7	77.7	79.9	80.1	81.3	81.7	82.4	82.4	82.4	82.4	82.4	83.4	83.5	84.1	84.5
>= 900	10.5	67.7	73.9	78.2	80.5	80.7	81.9	82.3	83.2	83.2	83.2	83.5	83.5	84.2	84.3	84.8	85.3
>= 800	10.7	68.8	75.3	79.7	82.2	82.4	83.8	84.3	85.3	85.3	85.3	85.6	85.6	86.2	86.4	86.9	87.3
>= 700	10.8	69.0	76.0	80.3	83.2	83.4	84.9	85.4	86.4	86.4	86.4	86.7	86.7	87.4	87.6	88.1	88.5
>= 600	10.8	69.5	76.9	81.4	84.7	84.9	87.1	87.8	89.0	89.3	89.3	89.3	89.3	90.1	90.2	90.7	91.2
>= 500	10.8	70.0	77.4	82.3	85.8	86.1	88.6	89.5	90.9	91.3	91.3	91.3	91.3	92.0	92.1	92.8	93.2
>= 400	10.8	70.1	77.7	83.0	86.7	87.1	90.1	91.0	92.5	92.8	92.8	92.8	92.8	93.7	93.8	94.5	95.0
>= 300	10.8	70.3	77.9	83.5	87.8	88.2	91.2	92.2	94.4	94.8	94.8	94.8	94.8	95.6	95.7	96.5	96.9
>= 200	10.8	70.4	78.1	83.6	88.1	88.6	91.7	92.8	95.1	95.4	95.4	95.4	95.4	96.6	96.7	97.6	98.0
>= 100	10.8	70.4	78.1	83.6	88.1	88.6	91.7	92.8	95.1	95.5	95.5	95.5	95.5	96.8	96.9	98.0	98.5
>= 0	10.8	70.4	78.1	83.6	88.1	88.6	91.7	92.8	95.1	95.5	95.5	95.5	95.5	96.9	97.1	98.1	100.0

TOTAL NO. OF OBS : 916

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JAN
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	14.9	46.5	48.2	48.5	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.2
>=20000	15.0	49.6	51.5	51.9	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.6
>=18000	15.1	49.2	51.9	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.0
>=16000	15.1	49.9	51.9	52.2	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.8	53.0
>=14000	15.3	50.6	52.5	52.9	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.6
>=12000	16.1	52.1	54.3	54.7	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.5
>=10000	16.6	54.8	57.4	57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.7
>= 9000	17.0	55.2	57.7	58.1	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.8	59.0
>= 8000	18.0	60.1	62.9	63.4	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.3
>= 7000	18.3	61.8	64.8	65.3	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.2
>= 6000	18.4	62.4	65.6	66.2	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.2
>= 5000	18.6	63.7	66.9	67.4	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.4
>= 4500	18.7	64.2	67.5	68.1	68.5	68.5	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	69.2
>= 4000	19.1	66.0	69.5	70.3	70.7	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.4
>= 3500	19.2	66.5	70.2	71.0	71.5	71.5	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.1
>= 3000	19.3	68.9	73.1	74.1	74.7	74.7	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.3
>= 2500	19.3	69.7	74.1	75.4	76.1	76.1	76.1	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.8	77.0
>= 2000	19.5	70.8	75.2	76.7	77.4	77.4	77.4	77.8	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.6
>= 1800	19.5	71.0	75.4	76.9	77.6	77.6	77.6	78.0	78.3	78.4	78.5	78.5	78.5	78.5	78.6	78.9
>= 1500	19.6	72.2	76.8	78.6	79.4	79.4	79.4	80.0	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.9
>= 1200	20.2	73.6	78.2	80.1	80.8	80.8	80.8	81.4	82.0	82.2	82.3	82.3	82.3	82.3	82.4	82.6
>= 1000	20.2	74.6	79.4	81.4	82.3	82.3	82.3	83.1	83.8	83.9	84.1	84.1	84.1	84.1	84.3	84.5
>= 900	20.2	75.1	80.3	82.3	83.4	83.4	83.4	84.5	85.2	85.4	85.6	85.6	85.6	85.6	85.7	85.9
>= 800	20.3	75.8	81.1	83.3	84.5	84.5	84.5	85.9	86.8	86.9	87.1	87.1	87.1	87.1	87.2	87.4
>= 700	20.3	76.2	81.7	84.1	85.7	86.0	86.0	87.1	88.1	88.2	88.7	88.7	88.8	88.8	88.9	89.1
>= 600	20.3	76.4	82.4	85.0	86.7	87.2	87.2	88.3	89.5	89.6	90.1	90.1	90.2	90.2	90.3	90.5
>= 500	20.3	76.5	82.9	86.7	88.7	89.0	89.0	90.6	92.1	92.2	93.0	93.0	93.1	93.1	93.3	93.6
>= 400	20.3	76.9	83.5	87.9	90.3	91.0	91.0	93.0	94.6	94.7	95.6	95.6	95.8	95.8	96.1	96.7
>= 300	20.3	76.9	83.5	87.9	90.6	91.3	91.3	93.8	95.8	95.9	97.1	97.1	97.7	97.7	98.2	98.8
>= 200	20.3	76.9	83.5	87.9	90.7	91.4	91.4	93.9	95.9	96.0	97.5	97.5	98.2	98.2	99.0	99.7
>= 100	20.3	76.9	83.5	87.9	90.7	91.4	91.4	93.9	95.9	96.0	97.5	97.5	98.2	98.2	99.1	99.9
>= 0	20.3	76.9	83.5	87.9	90.7	91.4	91.4	93.9	95.9	96.0	97.5	97.5	98.2	98.2	99.1	100.0

TOTAL NO. OF OBS : 908

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JAN
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	1/2	>=5/8	>=1/2	>=5/16
UNLIMIT	16.4	47.9	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
>=20000	16.9	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
>=18000	16.9	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=16000	17.0	52.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=14000	17.0	52.8	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>=12000	18.5	55.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=10000	19.4	59.3	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=9000	19.6	59.6	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>=8000	20.3	64.0	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
>=7000	20.3	65.0	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
>=6000	20.4	65.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=5000	21.0	66.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=4500	21.1	67.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>=4000	21.1	68.9	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>=3500	21.3	69.5	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>=3000	21.5	72.1	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=2500	22.1	74.0	75.7	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=2000	22.6	76.0	77.9	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=1800	22.9	76.4	78.2	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=1500	23.0	77.7	80.1	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>=1200	23.2	79.5	82.2	83.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>=1000	23.3	80.5	83.7	84.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=900	23.3	80.7	84.1	85.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>=800	23.4	81.7	85.9	86.9	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>=700	23.4	82.0	86.6	87.9	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=600	23.4	82.2	86.9	88.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=500	23.4	82.5	87.5	89.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>=400	23.4	82.5	87.6	89.8	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>=300	23.4	82.5	87.6	89.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=200	23.4	82.5	87.6	89.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=100	23.4	82.5	87.6	89.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=0	23.4	82.5	87.6	89.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3

TOTAL NO. OF OBS : 901

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.0	49.4	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	18.5	54.2	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=18000	18.5	54.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=16000	18.5	54.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=14000	18.8	55.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=12000	19.6	56.9	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>=10000	20.7	60.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=9000	20.9	61.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=8000	21.7	64.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=7000	21.9	65.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=6000	22.0	66.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=5000	22.1	67.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=4500	22.1	68.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>=4000	22.3	70.1	71.7	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
>=3500	22.8	71.3	73.1	73.2	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=3000	23.2	74.1	76.2	76.7	77.0	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>=2500	23.5	75.7	77.8	78.2	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=2000	23.9	77.1	79.2	79.8	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=1800	23.9	77.2	79.3	79.9	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>=1500	24.0	78.5	80.8	81.4	82.3	82.6	83.0	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.5	83.5
>=1200	24.4	79.8	82.4	83.3	84.2	84.6	85.0	85.2	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5
>=1000	24.6	81.5	84.6	85.7	86.8	87.4	87.9	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6
>=900	24.5	81.6	85.0	86.4	87.7	88.3	88.9	89.2	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7
>=800	24.8	82.2	85.8	87.4	89.2	89.7	90.7	90.9	90.9	91.4	91.5	91.5	91.5	91.5	91.5	91.5
>=700	24.8	82.5	86.5	88.2	90.2	90.7	91.7	91.9	91.9	92.4	92.5	92.5	92.5	92.5	92.5	92.5
>=600	24.8	82.9	87.2	88.8	91.2	91.9	93.3	93.6	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2
>=500	24.8	83.2	87.9	90.0	92.7	93.5	95.0	95.8	95.8	96.3	96.7	96.7	96.7	96.7	96.7	96.7
>=400	24.8	83.3	88.2	90.3	93.5	94.2	95.9	97.0	97.0	97.9	98.2	98.2	98.2	98.2	98.2	98.2
>=300	24.8	83.4	88.3	90.4	93.7	94.5	96.5	97.6	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1
>=200	24.8	83.4	88.3	90.4	93.7	94.5	96.5	97.6	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1
>=100	24.8	83.4	88.3	90.4	93.7	94.5	96.5	97.6	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1
>=0	24.8	83.4	88.3	90.4	93.7	94.5	96.5	97.6	97.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NO. OF OBS : 904

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	11.0	53.3	54.2	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=20000	11.0	56.7	57.8	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=18000	11.0	56.7	57.8	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=16000	11.0	56.7	57.8	58.0	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=14000	11.0	57.3	58.4	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=12000	11.2	58.6	59.7	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
>=10000	11.8	62.3	63.5	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 9000	11.9	62.6	63.8	64.1	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>= 8000	12.7	64.4	65.6	66.0	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>= 7000	13.1	67.5	68.8	69.1	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 6000	13.3	68.1	69.4	69.8	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 5000	13.3	68.6	70.0	70.3	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 4500	13.3	69.2	70.5	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 4000	13.4	70.3	71.8	72.1	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>= 3500	13.5	71.0	72.5	73.0	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 3000	13.8	73.2	75.7	76.2	76.8	76.8	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1
>= 2500	14.1	75.0	77.6	78.3	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
>= 2000	14.1	76.8	79.6	80.5	81.3	81.3	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8
>= 1800	14.1	77.0	79.8	80.7	81.5	81.5	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
>= 1500	14.3	78.9	82.1	83.3	84.2	84.2	84.2	84.7	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0
>= 1200	14.3	79.4	82.7	83.8	85.0	85.2	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.2	86.2	86.2
>= 1000	14.3	80.6	84.2	85.4	87.2	87.3	87.4	88.2	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5
>= 900	14.3	80.6	84.3	85.5	87.3	87.4	88.1	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8
>= 800	14.3	80.9	84.8	86.2	88.3	88.4	89.1	89.5	89.8	90.0	90.0	90.0	90.0	90.1	90.1	90.1
>= 700	14.3	81.6	85.8	87.4	90.0	90.1	91.0	91.4	92.1	92.2	92.2	92.2	92.2	92.3	92.3	92.3
>= 600	14.3	82.0	86.4	88.2	91.4	91.6	92.9	93.3	94.1	94.2	94.2	94.2	94.2	94.3	94.3	94.3
>= 500	14.3	82.0	86.5	88.6	92.6	92.9	94.5	95.2	96.2	96.4	96.4	96.5	96.5	96.7	96.7	96.7
>= 400	14.3	82.1	86.6	88.8	93.1	93.3	95.1	96.1	97.3	97.5	97.5	97.7	97.7	97.8	97.8	97.8
>= 300	14.3	82.3	86.8	89.1	93.4	93.6	95.6	97.0	98.2	98.4	98.4	98.8	98.8	98.9	98.9	98.9
>= 200	14.3	82.3	86.9	89.2	93.5	93.8	95.9	97.3	98.8	99.1	99.1	99.4	99.4	99.6	99.6	99.6
>= 100	14.3	82.3	86.9	89.2	93.5	93.8	95.9	97.3	98.8	99.1	99.1	99.6	99.6	99.7	99.7	99.7
>= 0	14.3	82.3	86.9	89.2	93.5	93.8	95.9	97.3	98.8	99.1	99.1	99.6	99.6	99.8	99.8	100.0

TOTAL NO. OF OBS : 896

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	3.3	54.5	55.9	56.8	57.4	57.4	57.5	57.5	57.5	57.9	57.9	57.9	58.2	58.2	58.2	58.2
>=20000	3.3	56.5	57.9	58.8	59.3	59.3	59.5	59.5	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.3
>=18000	3.3	56.5	57.9	58.8	59.3	59.3	59.5	59.5	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.3
>=16000	3.3	56.5	57.9	58.8	59.3	59.3	59.5	59.5	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.3
>=14000	3.3	56.5	57.9	58.8	59.3	59.3	59.5	59.5	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.3
>=12000	3.4	57.8	59.2	60.1	60.6	60.6	60.8	60.8	60.8	61.2	61.2	61.2	61.5	61.5	61.5	61.6
>=10000	3.4	60.5	61.9	62.7	63.3	63.3	63.5	63.5	63.5	63.9	63.9	63.9	64.2	64.2	64.2	64.3
>= 9000	3.4	60.5	61.9	62.7	63.3	63.3	63.5	63.5	63.5	63.9	63.9	63.9	64.2	64.2	64.2	64.3
>= 8000	3.8	64.3	65.9	66.9	67.7	67.7	67.8	67.8	67.8	68.3	68.3	68.3	68.6	68.6	68.6	68.7
>= 7000	3.8	65.3	66.9	67.8	68.7	68.7	68.8	68.8	68.8	69.3	69.3	69.3	69.5	69.5	69.5	69.7
>= 6000	3.8	65.3	66.9	67.8	68.7	68.7	68.8	68.8	68.8	69.3	69.3	69.3	69.5	69.5	69.5	69.7
>= 5000	3.8	66.6	68.3	69.3	70.4	70.4	70.5	70.5	70.5	71.0	71.0	71.0	71.2	71.2	71.2	71.4
>= 4500	4.0	66.9	68.6	69.5	70.7	70.7	70.8	70.8	70.8	71.2	71.2	71.2	71.5	71.5	71.5	71.7
>= 4000	4.0	68.6	70.5	71.7	72.8	72.8	72.9	72.9	72.9	73.4	73.4	73.4	73.7	73.7	73.7	73.8
>= 3500	4.0	69.1	71.4	72.8	73.9	73.9	74.2	74.2	74.2	74.6	74.6	74.6	74.9	74.9	75.1	75.2
>= 3000	4.0	70.7	73.4	75.2	76.5	76.5	76.8	76.8	76.8	77.2	77.2	77.2	77.5	77.5	77.6	77.8
>= 2500	4.1	72.7	75.5	77.5	78.8	78.8	79.0	79.0	79.0	79.5	79.5	79.5	79.7	79.7	79.9	80.0
>= 2000	4.2	74.4	77.8	79.9	81.3	81.3	81.7	81.7	81.7	82.2	82.2	82.2	82.4	82.4	82.6	82.7
>= 1800	4.2	74.8	78.3	80.5	81.9	81.9	82.3	82.3	82.3	82.7	82.7	82.7	83.0	83.0	83.1	83.3
>= 1500	4.2	75.9	80.2	82.4	83.9	83.9	84.4	84.6	84.6	85.0	85.0	85.0	85.3	85.3	85.4	85.6
>= 1200	4.2	76.3	80.6	83.3	84.8	84.8	85.7	85.8	85.8	86.3	86.3	86.3	86.5	86.5	86.7	86.8
>= 1000	4.2	77.5	82.3	85.1	87.0	87.0	88.0	88.1	88.1	88.5	88.7	88.7	89.0	89.0	89.1	89.2
>= 900	4.2	77.9	82.7	85.6	87.4	87.4	88.4	88.5	88.5	89.0	89.1	89.1	89.4	89.4	89.5	89.7
>= 800	4.2	78.2	83.3	86.5	88.5	88.5	89.5	89.7	89.7	90.1	90.2	90.2	90.5	90.5	90.7	90.8
>= 700	4.2	78.6	83.9	87.5	89.7	89.7	90.8	90.9	90.9	91.5	91.6	91.6	91.9	91.9	92.1	92.2
>= 600	4.2	78.9	84.4	88.2	90.5	90.5	92.2	92.4	92.4	93.1	93.2	93.2	93.5	93.5	93.6	93.8
>= 500	4.2	79.0	85.3	89.2	91.9	91.9	93.9	94.1	94.1	94.9	95.0	95.0	95.5	95.5	95.6	95.8
>= 400	4.2	79.2	85.4	89.4	92.2	92.4	94.3	94.5	94.5	95.5	95.6	95.6	96.0	96.0	96.2	96.5
>= 300	4.2	79.6	86.0	90.1	92.9	93.1	95.2	95.6	95.6	96.7	97.0	97.0	97.5	97.5	97.6	97.9
>= 200	4.2	79.6	86.1	90.2	93.2	93.3	95.6	96.0	96.0	97.3	97.6	97.6	98.3	98.3	98.4	98.7
>= 100	4.2	79.6	86.1	90.2	93.2	93.3	95.8	96.2	96.2	97.6	97.9	98.0	99.0	99.0	99.3	99.7
>= 0	4.2	79.6	86.1	90.2	93.2	93.3	95.8	96.2	96.2	97.6	97.9	98.0	99.0	99.0	99.3	100.0

TOTAL NO. OF OBS : 706

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	10.3	49.3	50.7	51.2	51.6	51.7	51.9	52.0	52.0	52.2	52.2	52.2	52.3	52.3	52.4	52.5
>=20000	10.5	52.5	54.0	54.6	55.0	55.0	55.3	55.4	55.4	55.5	55.5	55.5	55.7	55.7	55.8	55.8
>=18000	10.5	52.7	54.2	54.7	55.1	55.2	55.4	55.6	55.6	55.7	55.7	55.7	55.8	55.8	55.9	56.0
>=16000	10.5	52.7	54.2	54.7	55.2	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.9	55.9	56.0	56.0
>=14000	10.6	53.0	54.6	55.1	55.5	55.6	55.8	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.3	56.4
>=12000	11.1	54.4	56.0	56.6	57.0	57.1	57.3	57.4	57.4	57.5	57.6	57.6	57.7	57.7	57.8	57.9
>=10000	11.6	57.6	59.2	59.8	60.3	60.3	60.5	60.7	60.7	60.8	60.9	60.9	61.0	61.0	61.1	61.2
>= 9000	11.8	57.8	59.5	60.0	60.5	60.6	60.8	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.3	61.4
>= 8000	12.3	61.9	63.7	64.4	65.0	65.0	65.2	65.4	65.4	65.5	65.6	65.6	65.7	65.7	65.8	65.9
>= 7000	12.5	63.2	65.1	65.8	66.4	66.4	66.6	66.8	66.8	66.9	67.0	67.0	67.1	67.1	67.2	67.3
>= 6000	12.6	63.6	65.6	66.3	66.9	66.9	67.2	67.3	67.3	67.4	67.5	67.5	67.6	67.6	67.7	67.8
>= 5000	12.7	64.7	66.8	67.5	68.2	68.2	68.5	68.6	68.6	68.7	68.8	68.8	68.9	69.0	69.0	69.1
>= 4500	12.8	65.2	67.4	68.1	68.8	68.9	69.1	69.3	69.3	69.4	69.5	69.5	69.6	69.6	69.7	69.8
>= 4000	12.9	66.6	68.9	69.8	70.5	70.6	70.9	71.0	71.0	71.2	71.2	71.2	71.4	71.4	71.5	71.6
>= 3500	13.0	67.3	69.8	70.8	71.5	71.6	71.9	72.0	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.6
>= 3000	13.2	69.6	72.5	73.7	74.6	74.6	75.0	75.1	75.2	75.3	75.4	75.4	75.5	75.5	75.7	75.8
>= 2500	13.4	71.2	74.2	75.6	76.6	76.6	77.0	77.2	77.2	77.4	77.5	77.5	77.6	77.6	77.7	77.8
>= 2000	13.6	72.7	76.0	77.7	78.7	78.8	79.3	79.5	79.5	79.8	79.8	79.8	80.0	80.0	80.1	80.2
>= 1800	13.6	72.9	76.3	77.9	79.0	79.1	79.6	79.8	79.8	80.1	80.1	80.1	80.3	80.3	80.4	80.5
>= 1500	13.7	74.3	78.2	80.0	81.3	81.4	82.0	82.3	82.4	82.6	82.7	82.7	82.9	82.9	83.1	83.2
>= 1200	13.8	75.3	79.3	81.3	82.7	82.8	83.5	83.9	83.9	84.2	84.3	84.3	84.5	84.5	84.6	84.8
>= 1000	13.9	76.4	80.8	82.9	84.7	84.9	85.8	86.1	86.2	86.5	86.7	86.7	86.8	86.9	87.0	87.2
>= 900	13.9	76.7	81.2	83.4	85.3	85.5	86.4	86.8	86.8	87.2	87.4	87.4	87.6	87.6	87.8	87.9
>= 800	14.0	77.3	82.1	84.5	86.5	86.7	87.8	88.2	88.2	88.7	88.8	88.8	89.0	89.0	89.2	89.4
>= 700	14.0	77.7	82.8	85.4	87.8	88.0	89.1	89.6	89.6	90.2	90.4	90.4	90.6	90.6	90.8	90.9
>= 600	14.0	78.0	83.4	86.2	88.9	89.1	90.6	91.2	91.3	91.9	92.1	92.1	92.3	92.3	92.5	92.6
>= 500	14.0	78.3	84.0	87.2	90.3	90.6	92.5	93.3	93.4	94.2	94.5	94.5	94.8	94.8	95.0	95.2
>= 400	14.0	78.4	84.2	87.7	91.1	91.5	93.6	94.7	94.7	95.7	96.0	96.0	96.4	96.4	96.7	96.9
>= 300	14.0	78.6	84.4	88.0	91.6	92.0	94.4	95.7	95.8	97.0	97.4	97.4	97.8	97.9	98.1	98.3
>= 200	14.0	78.6	84.5	88.1	91.8	92.2	94.7	96.0	96.1	97.5	97.9	97.9	98.6	98.7	99.0	99.2
>= 100	14.0	78.6	84.5	88.1	91.8	92.2	94.7	96.0	96.1	97.5	98.0	98.0	98.9	98.9	99.3	99.6
>= 0	14.0	78.6	84.5	88.1	91.8	92.2	94.7	96.0	96.1	97.5	98.0	98.0	98.9	98.9	99.4	100.0

TOTAL NO. OF OBS : 6645

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 HOUR : 0100 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	3.2	3.8	.9	.0	.0	.0	.0	.0	.0	.0	10.5	6.3							
NNE		1.1	3.5	1.4	.5	.2	.0	.0	.0	.0	.0	.0	6.6	6.2							
NE		.6	1.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.0							
ENE		.9	1.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	3.4	5.8							
E		1.2	.9	.3	.3	.0	.0	.0	.0	.0	.0	.0	2.8	4.9							
ESE		.5	.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.8							
SE		.2	.3	.0	.3	.2	.0	.0	.0	.0	.0	.0	.9	9.5							
SSE		.2	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	1.1	8.9							
S		1.4	1.0	1.5	.5	.2	.0	.0	.0	.0	.0	.0	5.4	6.2							
SSW		1.2	.6	1.2	.2	.0	.2	.0	.0	.0	.0	.0	3.4	6.3							
SW		2.2	2.5	2.3	.3	.0	.0	.0	.0	.0	.0	.0	7.2	5.5							
WSW		2.6	2.6	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	8.5	6.1							
W		2.3	3.7	1.5	.9	.3	.0	.0	.0	.0	.0	.0	8.8	6.2							
WNW		1.1	2.0	1.4	.3	.0	.0	.0	.0	.0	.0	.0	4.8	5.6							
NW		.5	1.2	1.8	.8	.0	.0	.0	.0	.0	.0	.0	4.3	7.7							
NNW		1.1	2.6	1.7	.6	.0	.0	.0	.0	.0	.0	.0	6.0	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	21.7	.0							
ALL		19.4	28.5	22.2	7.4	.8	.2	.0	.0	.0	.0	.0	100.0	4.8							

TOTAL NO. OF OBS : 650

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 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	2.8	5.2	3.4	1.2	.0	.0	.0	.0	.0	.0	.0	12.6	6.2
NNE	1.2	2.8	1.4	.5	.0	.0	.0	.0	.0	.0	.0	5.8	5.9
NE	.6	1.5	1.2	.3	.0	.0	.0	.0	.0	.0	.0	3.7	6.8
ENE	1.2	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.7
E	.8	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.0	5.4
ESE	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.8
SE	.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.3
SSE	.3	.5	.8	.3	.0	.0	.0	.0	.0	.0	.0	1.8	7.4
S	.6	1.1	.8	.8	.0	.0	.0	.0	.0	.0	.0	3.2	7.0
SSW	.9	1.7	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
SW	2.0	2.0	1.4	.2	.0	.0	.0	.0	.0	.0	.0	5.5	4.8
WSW	3.4	2.6	1.7	.6	.0	.0	.0	.0	.0	.0	.0	8.3	5.2
W	2.0	3.4	1.8	1.2	.0	.0	.0	.0	.0	.0	.0	8.5	6.3
WNW	.8	1.7	1.8	1.1	.2	.0	.0	.0	.0	.0	.0	5.5	7.7
NW	.8	2.2	1.7	.3	.0	.2	.0	.0	.0	.0	.0	5.1	6.5
NNW	2.0	2.8	1.5	.6	.0	.0	.0	.0	.0	.0	.0	6.9	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	21.5	.0
ALL	20.8	29.5	20.5	7.4	.2	.2	.0	.0	.0	.0	.0	100.0	4.7

TOTAL NO. OF OBS : 650

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 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	3.1	4.5	3.0	.8	.1	.0	.0	.0	.0	.0	.0	11.6	5.8
NNE	2.0	2.4	2.1	.6	.1	.0	.0	.0	.0	.0	.0	7.2	6.1
NE	.9	2.0	2.2	.3	.2	.0	.0	.0	.0	.0	.0	5.7	7.0
ENE	.6	1.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	2.3	5.4
E	1.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.4
ESE	.7	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
SE	.5	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.0
SSE	.6	.2	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.4	6.3
S	.6	1.6	.7	.7	.2	.0	.0	.0	.0	.0	.0	3.8	7.3
SSW	1.0	.9	.8	.5	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
SW	1.4	1.7	1.6	.3	.1	.0	.0	.0	.0	.0	.0	5.2	6.1
WSW	2.1	2.6	2.3	.5	.1	.0	.0	.0	.0	.0	.0	7.6	6.0
W	2.8	3.4	2.1	1.5	.0	.0	.0	.0	.0	.0	.0	9.8	6.0
WNW	.5	2.4	1.2	1.0	.0	.0	.0	.0	.0	.0	.0	5.1	7.2
NW	.9	2.6	1.9	.3	.0	.0	.0	.0	.0	.0	.0	5.7	6.3
NNW	1.3	2.4	1.3	.7	.0	.0	.0	.0	.0	.0	.0	5.7	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	20.4	.0
ALL	20.0	29.7	20.7	8.3	.9	.0	.0	.0	.0	.0	.0	100.0	4.9

TOTAL NO. OF OBS : 859

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 HOUR : 1000 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	2	1	1	1	1		
N	.7	4.4	6.3	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	7.6
NNE	1.2	3.2	5.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	7.4
NE	1.2	2.1	2.5	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	7.4
ENE	1.6	1.6	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.8
E	2.2	2.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.5
ESE	1.5	.6	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.1
SE	.7	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.9
SSE	.1	1.1	.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	7.4
S	1.1	.8	1.1	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	8.1
SSW	.2	.2	1.2	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.6
SW	.2	1.5	2.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	9.1
WSW	.2	2.1	3.3	1.4	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	8.9
W	.4	2.5	2.3	1.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	9.1
WNW	.7	1.1	2.3	1.5	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	9.7
NW	.5	.6	2.6	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	10.2
NNW	.7	1.2	3.0	2.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	9.2
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	5.6	.0
ALL	13.2	25.9	35.0	17.0	2.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 857

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 HOUR : 1300 LST

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

DIR.	1-31	4-61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN
N	1.2	4.0	3.5	2.3	.2	.0	.0	.0	.0	.0	.0	11.2	7.8
NNE	.3	2.6	2.1	.9	.1	.0	.0	.0	.0	.0	.0	6.1	7.6
NE	.7	2.1	2.2	.2	.1	.0	.0	.0	.0	.0	.0	5.4	6.8
ENE	1.0	1.7	1.4	.1	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
E	2.1	2.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	6.4	4.7
ESE	.2	1.5	.8	.3	.0	.1	.0	.0	.0	.0	.0	3.0	6.9
SE	.7	1.0	1.5	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
SSE	.6	.6	1.5	.6	.2	.0	.0	.0	.0	.0	.0	3.5	8.8
S	.5	.9	2.9	.9	.5	.0	.0	.0	.0	.0	.0	5.7	9.4
SSW	.1	.2	1.0	1.4	.5	.0	.1	.0	.0	.0	.0	3.4	12.1
SW	.2	.6	1.9	1.5	.2	.1	.0	.0	.0	.0	.0	4.7	10.0
WSW	.1	1.9	2.4	3.6	1.0	.3	.0	.0	.0	.0	.0	9.4	11.7
W	.3	2.3	3.5	2.6	.3	.2	.0	.0	.0	.0	.0	9.3	9.7
WNW	.3	.9	2.7	1.5	.5	.0	.0	.0	.0	.0	.0	5.9	9.3
NW	.5	1.5	2.4	2.9	.1	.1	.0	.0	.0	.0	.0	7.6	9.7
NNW	.3	1.4	3.8	2.1	.6	.0	.0	.0	.0	.0	.0	8.3	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	2.3	.0
ALL	9.4	26.2	34.8	21.7	4.4	.9	.1	.0	.0	.0	.0	100.0	8.5

TOTAL NO. OF OBS : 858

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1.1	3.7	3.5	1.6	.0	.1	.0	.0	.0	.0	.0	.0	10.1	7.5				
NNE	.6	2.5	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.7	7.1				
NE	.9	1.5	1.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.4				
ENE	1.2	.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.3				
E	.9	1.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.7				
ESE	.6	.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0				
SE	.5	2.1	2.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.8				
SSE	.7	1.4	2.1	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.1	7.5				
S	.5	1.6	6.7	2.6	.4	.0	.0	.0	.0	.0	.0	.0	11.7	9.1				
SSW	.0	1.1	2.3	1.9	.1	.1	.0	.0	.0	.0	.0	.0	5.5	10.0				
SW	.2	.5	.9	1.4	.7	.1	.0	.0	.0	.0	.0	.0	3.9	11.8				
WSW	.2	.7	2.3	1.9	.5	.2	.0	.0	.0	.0	.0	.0	5.8	10.9				
W	.2	1.3	3.4	3.2	.5	.1	.0	.0	.0	.0	.0	.0	8.7	10.2				
WNW	.4	1.2	2.2	2.7	.7	.0	.0	.0	.0	.0	.0	.0	7.1	10.4				
NW	.2	1.3	3.5	2.6	.4	.1	.0	.0	.0	.0	.0	.0	8.1	10.0				
NNW	.1	1.9	2.7	1.9	.5	.0	.0	.0	.0	.0	.0	.0	7.0	9.6				
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	1.8	.0				
ALL	8.3	23.7	38.1	23.4	3.9	.8	.0	.0	.0	.0	.0	.0	100.0	8.6				

TOTAL NO. OF OBS : 855

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 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	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.4	4.4	1.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.9
NNE	.7	1.9	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4	7.3
NE	.4	1.6	2.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	7.6
ENE	.7	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.9
E	.6	1.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.3
ESE	.7	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.1
SE	1.4	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.3
SSE	2.3	1.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.2
S	3.1	3.0	3.1	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	10.2	6.1
SSW	1.3	2.2	4.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	6.7
SW	.5	2.9	1.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.4
WSW	1.3	1.9	.7	.6	.5	.0	.1	.0	.0	.0	.0	.0	.0	5.1	7.4
W	1.8	3.4	1.8	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	7.9	6.3
WNW	1.1	2.2	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.4
NW	1.0	1.1	1.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.7
NMW	1.3	2.5	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.6
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	12.9	.0
ALL	19.6	34.6	23.8	7.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	100.0	5.5

TOTAL NO. OF OBS : 835

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 HOUR : 2200 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	1.4	2.9		1.8	.8	.2	.0	.0	.0	.0	.0	.0	7.0	6.6							
NNE	.8	2.3		1.5	.6	.0	.0	.0	.0	.0	.0	.0	5.2	6.4							
NE	.5	2.3		1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.3							
ENE	.8	1.2		1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.3							
E	.9	1.8		1.2	.2	.0	.0	.0	.0	.0	.0	.0	4.1	5.3							
ESE	.9	1.2		.2	.2	.0	.0	.0	.0	.0	.0	.0	2.5	4.2							
SE	.2	.3		.3	.5	.0	.0	.0	.0	.0	.0	.0	1.2	8.5							
SSE	.6	.6		.3	.3	.0	.0	.0	.0	.0	.0	.0	1.8	5.9							
S	1.4	2.8		1.1	.3	.0	.0	.0	.0	.0	.0	.0	5.5	5.4							
SSW	2.0	2.9		1.1	.5	.2	.0	.0	.0	.0	.0	.0	6.6	5.7							
SW	3.2	3.5		3.8	.8	.0	.0	.0	.0	.0	.0	.0	11.3	5.8							
WSW	3.4	3.5		.8	.8	.0	.0	.0	.0	.0	.0	.0	8.4	4.5							
W	2.0	1.8		1.4	.6	.0	.2	.0	.0	.0	.0	.0	6.0	6.3							
WNW	.9	1.5		.9	.6	.2	.2	.0	.0	.0	.0	.0	4.3	7.7							
NW	.6	1.4		1.5	.8	.0	.0	.0	.0	.0	.0	.0	4.3	7.1							
NNW	.8	2.0		1.2	.8	.2	.0	.0	.0	.0	.0	.0	4.9	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	19.1	.0							
ALL	20.2	32.2		19.6	8.0	.6	.3	.0	.0	.0	.0	.0	100.0	4.9							

TOTAL NO. OF OBS : 653

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 HOUR : ALL

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

16 PT.		SPEED (KNOTS)																TOTAL		MEAN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
DIR.		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	1320	1321	1322	1323	1324	1325	1326	1327	1328	1329	1330	1331	1332	1333	1334	1335	1336	1337	1338	1339	1340	1341	1342	1343	1344	1345	1346	1347	1348	1349	1350	1351	1352	1353	1354	1355	1356	1357	1358	1359	1360	1361	1362	1363	1364	1365	1366	1367	1368	1369	1370	1371	1372	1373	1374	1375	1376	1377	1378	1379	1380	1381	1382	1383	1384	1385	1386	1387	1388	1389	1390	1391	1392	1393	1394	1395	1396	1397	1398	1399	1400	1401	1402	1403	1404	1405	1406	1407	1408	1409	1410	1411	1412	1413	1414	1415	1416	1417	1418	1419	1420	1421	1422	1423	1424	1425	1426	1427	1428	1429	1430	1431	1432	1433	1434	1435	1436	1437	1438	1439	1440	1441	1442	1443	1444	1445	1446	1447	1448	1449	1450	1451	1452	1453	1454	1455	1456	1457	1458	1459	1460	1461	1462	1463	1464	1465	1466	1467	1468	1469	1470	1471	1472	1473	1474	1475	1476	1477	1478	1479	1480	1481	1482	1483	1484	1485	1486	1487	1488	1489	1490	1491	1492

TOTAL NO. OF OBS : 6217

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	3.2	55.4	57.7	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8	59.0
>=20000	3.2	57.6	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6
>=18000	3.2	57.6	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6
>=16000	3.2	57.6	60.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.6
>=14000	3.2	58.0	60.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.9	62.0
>=12000	3.2	59.0	61.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	63.0
>=10000	3.4	61.1	64.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.4
>=9000	3.4	61.1	64.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.4
>=8000	3.4	64.4	67.3	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.7
>=7000	3.4	64.8	67.9	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.6
>=6000	3.4	65.4	68.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.2
>=5000	3.4	66.8	69.9	71.0	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.5	71.6
>=4500	3.4	67.3	70.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.2
>=4000	3.4	69.0	72.7	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.7
>=3500	3.4	69.4	73.3	74.7	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.3
>=3000	3.4	70.8	75.3	77.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.9	78.1
>=2500	3.4	73.3	77.8	79.5	79.8	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.6
>=2000	3.5	74.7	79.6	81.3	81.8	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.7
>=1800	3.5	74.7	79.6	81.3	81.8	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.6	82.7
>=1500	3.5	75.8	81.0	83.0	83.6	84.1	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.6	84.7	84.9
>=1200	3.5	76.4	82.1	84.3	84.9	85.3	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.8	86.0	86.1
>=1000	3.5	77.5	83.5	86.0	86.9	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.1	88.1	88.3	88.4
>=900	3.5	77.5	83.6	86.1	87.0	87.2	88.0	88.0	88.0	88.3	88.3	88.3	88.6	88.6	88.7	88.9
>=800	3.5	78.1	84.4	87.2	88.3	88.6	89.5	89.5	89.5	90.0	90.0	90.0	90.3	90.3	90.4	90.6
>=700	3.5	78.4	84.9	87.8	89.0	89.4	90.3	90.3	90.3	90.7	90.7	90.7	91.0	91.0	91.2	91.4
>=600	3.5	79.0	85.5	88.6	90.0	90.3	91.2	91.2	91.2	91.8	91.8	91.8	92.1	92.1	92.3	92.4
>=500	3.5	79.2	86.1	89.2	91.0	91.4	92.4	92.4	92.4	93.1	93.1	93.1	93.5	93.5	93.7	93.8
>=400	3.5	79.6	86.6	90.0	92.0	92.4	93.5	93.7	93.7	94.4	94.4	94.6	95.1	95.2	95.4	95.5
>=300	3.5	79.6	86.7	90.3	92.7	93.2	95.1	95.2	95.2	96.1	96.3	96.3	96.8	96.9	97.1	97.2
>=200	3.5	79.6	86.9	90.6	93.5	94.0	96.0	96.1	96.1	97.2	97.4	97.4	98.0	98.1	98.3	98.6
>=100	3.5	79.6	86.9	90.6	93.5	94.0	96.0	96.1	96.1	97.2	97.7	97.7	98.3	98.5	98.8	99.1
>=0	0	79.6	86.9	90.6	93.5	94.0	96.0	96.1	96.1	97.2	97.7	97.7	98.3	98.6	98.9	100.0

TOTAL NO. OF OBS : 648

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : FEB
HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8
UNLIMIT	3.3	50.9	53.0	54.7	55.3	55.3	55.5	55.6	55.8	55.8
>=20000	3.3	53.3	55.5	57.2	57.8	57.8	58.0	58.1	58.3	58.3
>=18000	3.3	53.4	55.6	57.3	58.0	58.0	58.1	58.3	58.4	58.4
>=16000	3.3	53.4	55.6	57.3	58.0	58.0	58.1	58.3	58.4	58.4
>=14000	3.3	53.4	55.6	57.3	58.0	58.0	58.1	58.3	58.4	58.4
>=12000	3.3	54.5	56.7	58.4	59.1	59.1	59.2	59.4	59.5	59.5
>=10000	3.3	56.9	59.2	60.9	61.6	61.6	61.7	61.9	62.0	62.0
>= 9000	3.3	56.9	59.2	60.9	61.6	61.6	61.7	61.9	62.0	62.0
>= 8000	3.3	60.5	63.1	65.0	65.6	65.6	65.8	65.9	66.1	66.1
>= 7000	3.3	61.7	64.4	66.2	67.0	67.0	67.2	67.3	67.5	67.5
>= 6000	3.3	62.7	65.5	67.3	68.1	68.1	68.3	68.4	68.6	68.6
>= 5000	3.3	64.2	67.3	69.2	70.2	70.2	70.3	70.5	70.6	70.6
>= 4500	3.3	65.0	68.1	70.0	70.9	70.9	71.1	71.2	71.4	71.4
>= 4000	3.3	66.7	70.0	71.9	73.0	73.0	73.1	73.3	73.4	73.4
>= 3500	3.3	67.5	70.9	73.0	74.1	74.1	74.2	74.4	74.5	74.5
>= 3000	3.4	70.2	73.9	76.2	77.3	77.3	77.7	77.8	78.0	78.0
>= 2500	3.4	71.6	75.5	78.3	79.4	79.4	79.7	79.8	80.0	80.0
>= 2000	3.4	72.8	76.9	80.2	81.4	81.4	81.7	81.9	82.0	82.0
>= 1800	3.4	73.0	77.0	80.3	81.6	81.6	81.9	82.0	82.2	82.2
>= 1500	3.4	73.9	78.4	82.2	83.6	83.6	84.1	84.2	84.4	84.4
>= 1200	3.4	74.5	79.2	83.0	84.4	84.4	84.8	85.0	85.2	85.2
>= 1000	3.4	75.5	80.8	84.5	86.1	86.2	86.9	87.0	87.2	87.2
>= 900	3.4	75.6	80.9	84.7	86.2	86.4	87.0	87.2	87.3	87.3
>= 800	3.4	76.2	81.7	85.5	87.3	87.5	88.3	88.7	88.9	88.9
>= 700	3.4	76.9	82.3	86.7	88.6	88.7	89.5	90.0	90.2	90.2
>= 600	3.4	77.0	83.0	87.7	89.7	89.8	90.6	91.1	91.2	91.2
>= 500	3.4	77.2	83.6	88.4	90.9	91.2	92.3	92.8	93.0	93.0
>= 400	3.4	77.7	84.2	89.1	91.6	91.9	93.1	93.8	94.1	94.1
>= 300	3.4	77.8	84.8	89.8	92.5	92.8	94.5	95.5	95.8	95.8
>= 200	3.4	78.0	85.0	90.0	93.3	93.6	95.5	96.6	97.0	97.2
>= 100	3.4	78.0	85.0	90.0	93.3	93.6	95.5	96.6	97.2	97.5
>= 0	3.4	78.0	85.0	90.0	93.3	93.6	95.5	96.6	97.3	97.8

TOTAL NO. OF OBS : 640

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/4	>=0
UNLIMIT	7.7	41.6	45.0	47.0	48.4	48.4	49.1	49.3	49.3	49.6
>=20000	7.7	44.0	47.4	49.7	51.1	51.2	52.0	52.2	52.4	52.4
>=18000	7.7	44.4	47.8	50.2	51.6	51.7	52.4	52.7	52.9	52.9
>=16000	7.7	44.4	47.8	50.2	51.6	51.7	52.4	52.7	52.9	52.9
>=14000	8.1	45.0	48.4	50.8	52.2	52.3	53.0	53.3	53.5	53.5
>=12000	8.5	46.1	49.9	52.3	53.7	53.9	54.6	54.8	55.0	55.0
>=10000	8.9	48.0	52.4	55.0	56.6	56.7	57.5	57.8	58.1	58.2
>= 9000	9.0	48.2	52.6	55.2	56.7	56.8	57.7	57.9	58.2	58.4
>= 8000	9.4	51.5	56.1	58.7	60.4	60.5	61.3	61.6	61.9	62.2
>= 7000	9.5	53.0	57.8	60.4	62.0	62.2	63.0	63.2	63.6	63.8
>= 6000	9.6	53.5	58.2	61.0	62.6	62.8	63.6	63.8	64.2	64.4
>= 5000	9.8	55.4	60.3	63.0	64.8	64.9	65.7	66.0	66.3	66.5
>= 4500	9.8	56.3	61.2	64.1	65.8	66.0	66.8	67.0	67.4	67.6
>= 4000	10.0	57.5	62.8	66.2	68.1	68.2	69.3	69.5	69.9	70.1
>= 3500	10.0	58.6	64.2	67.7	69.6	69.8	70.8	71.1	71.4	71.6
>= 3000	10.2	61.3	66.9	70.8	72.8	73.0	74.1	74.4	74.9	75.1
>= 2500	10.2	62.8	68.4	72.5	74.6	74.7	75.9	76.2	76.6	76.9
>= 2000	10.4	63.9	70.5	74.3	76.6	76.7	77.9	78.2	78.6	78.9
>= 1800	10.6	64.4	70.5	74.7	77.1	77.2	78.4	78.6	79.1	79.4
>= 1500	10.7	65.6	71.9	76.4	78.9	79.1	80.8	81.1	81.6	81.9
>= 1200	10.7	66.7	73.1	77.8	80.3	80.5	82.2	82.6	83.0	83.3
>= 1000	10.7	67.6	74.5	79.5	82.2	82.4	84.1	84.5	84.9	85.3
>= 900	10.7	67.7	74.6	79.6	82.3	82.6	84.2	84.6	85.1	85.4
>= 800	10.7	68.9	76.3	81.4	84.2	84.5	86.2	86.7	87.4	87.8
>= 700	10.7	69.2	76.6	81.9	84.8	85.1	87.0	87.5	88.3	88.6
>= 600	10.7	69.3	77.5	82.8	85.9	86.1	88.0	88.7	89.6	90.2
>= 500	10.8	69.8	78.4	84.0	87.2	87.5	89.7	90.5	91.5	92.1
>= 400	10.8	70.1	79.0	84.7	88.1	88.5	90.6	91.5	92.6	93.5
>= 300	10.8	70.2	79.1	85.2	88.8	89.2	91.7	92.8	94.0	94.8
>= 200	10.8	70.2	79.1	85.2	89.0	89.3	91.8	92.9	94.2	95.4
>= 100	10.8	70.2	79.1	85.2	89.0	89.3	91.8	92.9	94.2	95.4
>= 0	10.8	70.2	79.1	85.2	89.0	89.3	91.8	92.9	94.2	95.4

TOTAL NO. OF OBS : 843

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/2	>=1/4
UNLIMIT	15.2	48.1	50.1	51.2	51.2	51.3	51.3	51.3	51.3	51.4
>=20000	15.4	52.0	54.5	55.6	55.6	55.7	55.7	55.7	55.7	55.8
>=18000	15.4	52.3	54.8	55.8	55.8	56.0	56.0	56.0	56.0	56.1
>=16000	15.5	52.4	54.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2
>=14000	15.5	52.4	54.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2
>=12000	16.2	54.5	57.2	58.2	58.2	58.4	58.4	58.4	58.4	58.5
>=10000	16.8	57.8	60.6	61.7	61.7	61.8	61.8	61.8	61.8	61.9
>=9000	16.9	58.1	61.0	62.1	62.1	62.2	62.2	62.2	62.2	62.3
>=8000	17.3	61.8	64.9	66.0	66.0	66.2	66.2	66.2	66.2	66.3
>=7000	17.7	63.2	66.5	67.5	67.5	67.8	67.8	67.8	67.8	67.9
>=6000	17.7	63.6	66.8	68.0	68.0	68.4	68.4	68.4	68.4	68.5
>=5000	17.9	65.0	68.5	69.8	69.8	70.2	70.2	70.2	70.2	70.3
>=4500	17.9	65.8	69.2	70.6	70.6	71.0	71.0	71.0	71.0	71.2
>=4000	18.0	67.3	70.9	72.3	72.3	72.9	72.9	72.9	72.9	73.2
>=3500	18.1	68.3	71.8	73.4	73.4	73.9	73.9	73.9	73.9	74.2
>=3000	18.3	69.6	73.5	75.1	75.1	75.4	75.4	75.4	75.4	76.0
>=2500	18.6	72.0	76.1	77.8	77.8	78.4	78.4	78.4	78.4	79.2
>=2000	18.6	72.8	77.1	78.8	78.8	79.4	79.4	79.4	79.4	80.2
>=1800	18.6	73.0	77.3	79.0	79.0	79.6	79.6	79.6	79.6	80.4
>=1500	18.6	74.8	79.7	81.6	81.6	82.3	82.3	82.3	82.3	83.3
>=1200	18.7	75.3	80.5	82.6	82.6	83.4	83.4	83.4	83.4	84.4
>=1000	18.7	76.5	81.9	84.0	84.0	85.1	85.1	85.1	85.1	86.6
>=900	18.7	76.8	82.2	84.4	84.4	85.4	85.4	85.4	85.4	87.0
>=800	18.7	77.4	82.9	85.2	85.2	86.8	86.8	86.8	86.8	88.5
>=700	18.9	78.0	83.9	86.4	86.4	88.2	88.2	88.2	88.2	90.8
>=600	18.9	78.6	85.0	87.8	87.8	89.7	89.7	89.7	89.7	93.2
>=500	18.9	78.8	85.2	88.4	88.4	90.8	90.8	90.8	90.8	94.9
>=400	18.9	78.9	85.6	88.8	88.8	91.4	91.4	91.4	91.4	96.4
>=300	18.9	79.0	85.8	89.4	89.4	92.4	92.4	92.4	92.4	98.7
>=200	18.9	79.0	85.8	89.4	89.4	92.4	92.4	92.4	92.4	99.5
>=100	18.9	79.0	85.8	89.4	89.4	92.4	92.4	92.4	92.4	99.5
>=0	18.9	79.0	85.8	89.4	89.4	92.4	92.4	92.4	92.4	99.8

TOTAL NO. OF OBS : 838

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	17.3	47.2	47.7	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	17.8	53.2	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
>=18000	17.8	53.5	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=16000	17.8	53.5	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=14000	18.1	54.3	54.8	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=12000	18.9	56.3	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=10000	19.6	59.1	59.7	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>=9000	19.7	59.5	60.1	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
>=8000	20.7	63.6	64.3	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=7000	20.9	65.4	66.1	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=6000	20.9	65.6	66.3	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>=5000	20.9	67.1	67.8	68.3	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=4500	21.2	68.0	69.0	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>=4000	21.8	69.5	70.6	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>=3500	22.1	70.9	72.0	72.6	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
>=3000	22.4	73.9	75.2	75.8	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=2500	23.3	76.8	78.1	78.7	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
>=2000	24.2	79.0	80.4	81.4	82.1	82.3	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>=1800	24.2	79.4	80.9	81.9	82.6	82.8	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>=1500	24.4	81.1	83.1	84.1	85.1	85.5	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>=1200	24.6	82.5	84.4	85.7	86.7	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=1000	24.9	83.7	86.2	88.0	89.5	90.0	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>=900	24.9	84.0	86.5	88.5	90.1	90.6	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>=800	24.9	84.5	87.0	89.2	90.9	91.5	91.8	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>=700	24.9	85.1	87.6	90.5	92.2	92.9	93.3	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>=600	24.9	85.1	87.9	90.9	92.5	93.3	94.0	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.3	95.4
>=500	24.9	85.5	88.2	91.6	93.4	94.1	95.0	95.9	96.0	96.4	96.4	96.4	96.8	96.8	96.9	97.0
>=400	24.9	85.7	88.6	91.9	94.2	95.2	96.4	97.4	97.5	97.8	97.8	97.8	98.3	98.3	98.4	98.6
>=300	24.9	85.7	88.6	92.1	94.5	95.4	96.9	98.1	98.2	98.6	98.7	98.7	99.2	99.2	99.3	99.4
>=200	24.9	85.7	88.6	92.1	94.5	95.4	97.0	98.3	98.4	98.9	99.0	99.0	99.8	99.8	99.9	100.0
>=100	24.9	85.7	88.6	92.1	94.5	95.4	97.0	98.3	98.4	98.9	99.0	99.0	99.8	99.8	99.9	100.0
>=0	24.9	85.7	88.6	92.1	94.5	95.4	97.0	98.3	98.4	98.9	99.0	99.0	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 832

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=3/4	>=5/8
UNLIMIT	18.4	48.1	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8
>=20000	18.8	53.3	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1
>=18000	18.8	53.4	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2
>=16000	18.8	53.4	53.9	54.1	54.1	54.2	54.2	54.2	54.2	54.2
>=14000	18.9	53.7	54.2	54.5	54.5	54.6	54.6	54.6	54.6	54.6
>=12000	19.4	55.5	56.0	56.3	56.3	56.4	56.4	56.4	56.4	56.4
>=10000	20.8	59.6	60.1	60.5	60.5	60.6	60.6	60.6	60.6	60.6
>= 9000	21.0	60.0	60.5	60.8	60.8	61.0	61.0	61.0	61.0	61.0
>= 8000	21.3	63.9	64.5	64.9	65.1	65.2	65.2	65.2	65.2	65.2
>= 7000	21.6	65.7	66.3	66.7	66.9	67.0	67.0	67.0	67.0	67.0
>= 6000	21.7	66.1	66.7	67.2	67.3	67.5	67.5	67.5	67.5	67.5
>= 5000	21.9	68.3	69.0	69.5	69.8	69.9	69.9	69.9	69.9	69.9
>= 4500	22.0	69.3	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8
>= 4000	22.4	70.7	71.4	71.9	72.2	72.3	72.3	72.3	72.3	72.3
>= 3500	22.5	72.0	72.8	73.4	73.6	73.7	73.7	73.7	73.7	73.7
>= 3000	23.5	76.3	77.0	77.6	78.3	78.4	78.4	78.4	78.4	78.4
>= 2500	24.0	78.9	79.8	80.4	81.1	81.2	81.2	81.2	81.2	81.2
>= 2000	24.1	80.8	81.9	82.7	83.5	83.6	83.6	83.6	83.6	83.6
>= 1800	24.2	81.3	82.4	83.1	84.0	84.1	84.1	84.1	84.1	84.1
>= 1500	24.6	82.8	84.0	84.8	85.8	85.9	86.0	86.0	86.0	86.0
>= 1200	24.7	83.5	84.9	86.3	87.2	87.3	87.6	87.6	87.6	87.6
>= 1000	24.7	84.8	86.5	88.1	89.2	89.3	89.6	89.6	89.6	89.6
>= 900	24.7	84.9	86.7	88.3	89.4	89.5	89.8	90.1	90.1	90.2
>= 800	24.7	85.3	87.2	89.0	90.4	90.5	90.7	91.1	91.1	91.2
>= 700	24.7	85.7	87.7	89.9	91.3	91.4	91.8	92.3	92.3	92.4
>= 600	24.7	86.0	88.3	91.1	92.7	92.8	93.4	94.0	94.0	94.1
>= 500	24.7	86.1	88.4	91.4	93.3	93.6	94.6	95.2	95.5	95.8
>= 400	24.7	86.6	89.0	92.2	94.3	94.7	96.0	96.9	97.3	97.6
>= 300	24.7	86.7	89.3	92.4	94.7	95.1	96.5	97.3	98.3	98.9
>= 200	24.7	86.7	89.3	92.5	95.1	95.4	96.9	97.7	98.7	99.8
>= 100	24.7	86.7	89.3	92.5	95.1	95.4	96.9	97.7	98.8	99.9
>= 0	24.7	86.7	89.3	92.5	95.1	95.4	96.9	97.7	99.0	100.0

TOTAL NO. OF OBS : 830

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	11.4	51.9	53.0	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
>=20000	11.4	56.2	57.5	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
>=18000	11.4	56.2	57.5	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
>=16000	11.4	56.2	57.5	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1
>=14000	11.6	56.9	58.3	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
>=12000	12.0	58.3	59.7	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3	60.3
>=10000	12.7	62.1	63.6	64.0	64.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4
>= 9000	12.9	62.4	64.0	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
>= 8000	13.3	65.9	67.6	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
>= 7000	13.5	67.0	68.7	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4
>= 6000	13.5	67.7	69.5	69.9	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.3	70.3
>= 5000	13.6	69.3	71.2	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0
>= 4500	13.7	69.9	72.1	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8
>= 4000	14.0	71.6	73.8	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
>= 3500	14.0	72.5	74.7	75.3	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6
>= 3000	14.2	75.4	78.1	78.8	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3
>= 2500	14.3	77.4	80.0	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5
>= 2000	14.8	79.3	82.5	83.5	83.7	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3
>= 1800	14.8	79.6	82.9	83.8	84.1	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7
>= 1500	14.9	81.2	84.6	85.8	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8
>= 1200	14.9	81.8	85.2	86.4	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.8	87.8
>= 1000	14.9	82.3	85.9	87.6	88.4	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.5	89.5
>= 900	14.9	82.3	86.0	87.8	88.9	89.1	89.5	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.2	90.2
>= 800	14.9	82.4	86.5	88.5	90.0	90.2	90.7	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.4	91.4
>= 700	14.9	82.5	87.1	89.5	91.1	91.4	91.9	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.8	92.8
>= 600	14.9	82.7	87.3	89.7	91.6	91.9	92.4	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.4	93.4
>= 500	14.9	82.9	87.8	90.5	92.5	92.9	93.9	94.1	94.1	95.1	95.1	95.1	95.1	95.1	95.5	95.5
>= 400	14.9	83.0	88.0	90.9	93.3	93.8	95.0	95.2	95.2	96.3	96.3	96.3	96.3	96.3	96.8	96.8
>= 300	14.9	83.0	88.1	91.3	93.6	94.2	95.8	96.2	96.2	97.7	97.7	97.7	97.7	97.7	98.5	98.5
>= 200	14.9	83.0	88.1	91.3	93.9	94.5	96.1	96.5	96.5	98.2	98.2	98.2	98.2	98.2	99.3	99.3
>= 100	14.9	83.0	88.1	91.3	94.0	94.6	96.2	96.6	96.6	98.3	98.3	98.3	98.3	98.3	99.8	99.8
>= 0	14.9	83.0	88.1	91.3	94.0	94.6	96.2	96.6	96.6	98.3	98.3	98.3	98.3	98.3	99.9	99.9

TOTAL NO. OF OBS : 817

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : FEB
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)									
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8
UNLIMIT	4.2	54.9	55.9	56.3	56.5	56.5	56.5	56.5	56.6	56.6
>=20000	4.2	58.2	59.4	59.9	60.0	60.0	60.0	60.2	60.2	60.2
>=18000	4.2	58.2	59.4	59.9	60.0	60.0	60.0	60.2	60.2	60.2
>=16000	4.2	58.2	59.4	59.9	60.0	60.0	60.0	60.2	60.2	60.2
>=14000	4.2	58.3	59.6	60.0	60.2	60.2	60.2	60.3	60.3	60.3
>=12000	4.2	59.4	60.6	61.1	61.3	61.3	61.3	61.4	61.4	61.4
>=10000	4.5	63.3	64.7	65.1	65.3	65.3	65.3	65.4	65.4	65.4
>= 8000	4.5	63.4	64.8	65.3	65.4	65.4	65.4	65.6	65.6	65.6
>= 7000	4.6	67.6	69.1	69.6	69.8	69.8	69.8	69.9	69.9	69.9
>= 6000	4.6	68.1	69.8	70.2	70.4	70.4	70.4	70.5	70.5	70.5
>= 5000	4.6	68.2	70.1	70.7	70.8	70.8	70.8	71.0	71.0	71.0
>= 4500	4.9	72.1	73.0	73.1	73.1	73.1	73.1	73.3	73.3	73.3
>= 4000	4.9	72.1	74.4	75.2	75.3	75.3	75.3	75.5	75.5	75.5
>= 3500	4.9	72.8	75.2	75.9	76.1	76.1	76.1	76.2	76.2	76.2
>= 3000	4.9	74.8	77.2	78.5	78.7	78.7	78.7	78.9	78.9	78.9
>= 2500	4.9	76.5	79.0	80.6	80.7	80.7	80.7	80.9	80.9	80.9
>= 2000	5.1	78.1	80.7	82.7	83.0	83.0	83.0	83.2	83.2	83.2
>= 1800	5.1	78.2	80.9	82.9	83.2	83.2	83.2	83.3	83.3	83.3
>= 1500	5.1	79.3	81.9	84.4	85.0	85.2	85.3	85.5	85.5	85.5
>= 1200	5.1	79.6	82.3	85.0	85.6	85.8	86.0	86.1	86.1	86.1
>= 1000	5.1	81.0	84.1	87.5	87.7	88.0	88.3	88.4	88.4	88.4
>= 900	5.1	81.0	84.3	87.5	88.0	88.1	88.6	88.9	89.0	89.0
>= 800	5.1	81.0	84.3	87.8	88.6	89.4	89.7	89.7	90.0	90.0
>= 700	5.1	81.5	85.0	88.6	89.4	90.4	90.4	90.7	90.7	90.7
>= 600	5.1	81.6	85.5	89.2	90.3	91.0	91.4	91.7	91.7	91.7
>= 500	5.1	82.6	86.9	91.2	92.7	93.8	94.3	94.8	94.8	94.8
>= 400	5.1	82.9	87.2	91.8	93.4	94.6	95.2	96.0	96.0	96.0
>= 300	5.1	83.0	87.3	92.0	94.3	95.5	96.1	97.4	97.4	97.4
>= 200	5.1	83.0	87.5	92.1	94.4	94.9	96.9	98.3	98.3	98.3
>= 100	5.1	83.0	87.5	92.1	94.4	94.9	97.1	98.5	98.5	98.5
>= 0	5.1	83.0	87.5	92.1	94.4	94.9	97.1	98.5	98.5	98.5

TOTAL NO. OF OBS : 648

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 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	10.7	49.4	51.0	51.8	52.1	52.1	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.5	52.6	52.6
>=20000	10.8	53.2	55.0	55.9	56.1	56.2	56.3	56.4	56.4	56.5	56.5	56.5	56.5	56.6	56.6	56.7
>=18000	10.8	53.3	55.1	56.0	56.3	56.4	56.5	56.5	56.5	56.6	56.7	56.7	56.7	56.7	56.8	56.9
>=16000	10.8	53.3	55.1	56.0	56.3	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7	56.8	56.8	56.9
>=14000	11.0	53.8	55.5	56.4	56.7	56.8	56.9	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3
>=12000	11.4	55.2	57.1	58.0	58.3	58.4	58.5	58.5	58.5	58.6	58.6	58.6	58.7	58.7	58.8	58.9
>=10000	11.9	58.3	60.4	61.3	61.6	61.7	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.1	62.2	62.3
>=9000	12.0	58.5	60.6	61.5	61.8	61.9	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.5
>=8000	12.4	62.2	64.4	65.4	65.8	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.4	66.4
>=7000	12.5	63.5	65.8	66.8	67.2	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.8
>=6000	12.6	64.0	66.3	67.4	67.8	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.4	68.5
>=5000	12.7	65.6	68.0	69.2	69.6	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.1	70.1	70.2	70.3
>=4500	12.7	66.4	68.9	70.1	70.5	70.6	70.8	70.8	70.8	70.9	71.0	71.0	71.1	71.1	71.1	71.2
>=4000	13.0	67.9	70.7	71.9	72.5	72.6	72.8	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.1	73.2
>=3500	13.1	68.9	71.7	73.1	73.6	73.7	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.3	74.4
>=3000	13.3	71.5	74.5	76.1	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.5	77.6
>=2500	13.6	73.6	76.8	78.5	79.2	79.3	79.6	79.7	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.1
>=2000	13.8	75.1	78.6	80.5	81.3	81.5	81.8	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.3	82.3
>=1800	13.9	75.4	78.9	80.8	81.6	81.8	82.1	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.6
>=1500	14.0	76.8	80.6	82.7	83.8	83.9	84.3	84.5	84.5	84.7	84.7	84.7	84.8	84.8	84.9	85.0
>=1200	14.1	77.6	81.5	83.8	84.9	85.1	85.5	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.2
>=1000	14.1	78.6	82.9	85.5	86.8	87.1	87.6	87.8	87.8	88.0	88.1	88.1	88.2	88.2	88.3	88.4
>=900	14.1	78.8	83.1	85.8	87.2	87.4	88.0	88.3	88.3	88.5	88.5	88.5	88.7	88.7	88.8	88.9
>=800	14.1	79.3	83.8	86.7	88.3	88.5	89.2	89.6	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.3
>=700	14.1	79.7	84.4	87.6	89.3	89.6	90.4	90.8	90.8	91.2	91.3	91.3	91.4	91.5	91.5	91.6
>=600	14.1	80.0	85.0	88.5	90.3	90.6	91.5	92.0	92.0	92.5	92.6	92.6	92.8	92.8	92.9	93.0
>=500	14.1	80.3	85.6	89.3	91.5	91.9	93.0	93.6	93.6	94.3	94.4	94.4	94.7	94.7	94.8	94.9
>=400	14.1	80.6	86.0	89.9	92.3	92.7	94.1	94.8	94.8	95.6	95.8	95.8	96.2	96.2	96.4	96.5
>=300	14.1	80.7	86.2	90.3	92.9	93.4	95.1	95.9	96.0	97.0	97.2	97.3	97.8	97.8	98.0	98.1
>=200	14.1	80.7	86.3	90.3	93.2	93.7	95.5	96.3	96.4	97.5	97.9	97.9	98.6	98.7	98.9	99.1
>=100	14.1	80.7	86.3	90.3	93.2	93.7	95.5	96.4	96.4	97.6	98.0	98.1	98.9	98.9	99.3	99.6
>=0	14.1	80.7	86.3	90.3	93.2	93.7	95.5	96.4	96.4	97.6	98.1	98.1	98.9	99.0	99.4	100.0

TOTAL NO. OF OBS : 6096

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 0100 LST

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

16 PT.	1	1 - 3	4 - 6	7-10	11-16	17-21	SPEED (KNOTS)								TOTAL	MEAN
DIR.	1	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%		SPEED	
N	1.5	3.1	1.7	.4	.0	.1	.0	.0	.0	.0	.0	.0	6.9	6.1		
NNE	1.4	2.4	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.8		
NE	1.4	1.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0		
ENE	.1	3.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.9		
E	2.1	2.8	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.8		
ESE	.8	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.2		
SE	.6	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.0	6.7		
SSE	.4	.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.5		
S	1.5	.8	1.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	4.9	7.1		
SSW	1.8	2.4	2.2	.7	.3	.0	.0	.0	.0	.0	.0	.0	7.4	6.5		
SW	2.0	4.3	2.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	9.4	5.7		
WSW	2.0	2.9	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.2		
W	2.2	3.5	2.1	1.0	.0	.0	.1	.0	.0	.0	.0	.0	9.0	6.1		
WNW	.6	1.4	1.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.9		
NW	.3	1.7	1.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.2		
NNW	.6	1.4	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.9	8.0		
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	18.5	.0		
ALL	19.4	33.5	19.8	7.7	.8	.1	.1	.0	.0	.0	.0	.0	100.0	4.9		

TOTAL NO. OF OBS : 713

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 0900 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	2.8	4.1	2.4	.6	.0	.0	.0	.0	.0	.0	.0	9.8	5.4
NNE	1.4	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
NE	1.3	2.5	1.7	.4	.0	.0	.0	.0	.0	.0	.0	5.9	5.6
ENE	.6	2.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.1	5.1
E	1.0	1.4	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.9	6.0
ESE	.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.3
SE	.7	.3	.1	.3	.1	.0	.0	.0	.0	.0	.0	1.5	7.1
SSE	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	5.5
S	.8	1.0	2.0	.6	.1	.0	.0	.0	.0	.0	.0	4.5	7.8
SSW	1.3	2.1	1.0	.6	.3	.1	.0	.0	.0	.0	.0	5.3	7.0
SW	2.2	3.1	1.0	.8	.0	.0	.0	.0	.0	.0	.0	7.2	5.4
WSW	2.4	3.6	1.8	.1	.0	.0	.0	.0	.0	.0	.0	8.0	5.0
W	1.7	3.8	2.2	.7	.1	.0	.0	.0	.0	.0	.0	8.6	6.0
WNW	.4	1.8	1.7	.1	.1	.0	.0	.0	.0	.0	.0	4.2	6.9
NW	.7	2.2	.7	.4	.0	.0	.0	.0	.0	.0	.0	4.1	5.9
NNW	2.0	2.0	1.4	.8	.0	.0	.0	.0	.0	.0	.0	6.2	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	21.7	.0
ALL	20.1	32.0	19.1	6.2	.8	.1	.0	.0	.0	.0	.0	100.0	4.6

TOTAL NO. OF OBS : 713

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 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	5.0	3.9	.6	.0	.0	.0	.0	.0	.0	.0	11.3	6.2
NNE	1.5	2.7	1.6	.7	.0	.0	.0	.0	.0	.0	.0	6.5	6.1
NE	.9	1.8	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.5
ENE	.9	.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.1
E	1.4	1.6	1.1	.1	.0	.0	.0	.0	.0	.0	.0	4.1	5.2
ESE	.3	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.5	5.6
SE	.2	.6	.3	.4	.0	.0	.0	.0	.0	.0	.0	1.6	7.4
SSE	.3	.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
S	.3	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	2.9	7.1
SSW	1.3	1.9	2.2	.4	.1	.2	.0	.0	.0	.0	.0	6.1	7.2
SW	1.6	3.3	2.7	.6	.2	.1	.0	.0	.0	.0	.0	8.5	6.9
WSW	2.6	2.6	2.3	.1	.0	.0	.0	.0	.0	.0	.0	7.7	5.2
W	1.8	2.8	2.3	.6	.0	.0	.0	.0	.0	.0	.0	7.6	5.9
WNW	.9	1.6	1.2	.4	.0	.1	.1	.0	.0	.0	.0	4.3	7.2
NW	1.1	1.2	1.1	.4	.0	.1	.0	.0	.0	.0	.0	3.8	6.9
NNW	1.1	2.4	2.0	.1	.2	.0	.0	.0	.0	.0	.0	5.8	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	19.3	.0
ALL	17.9	30.7	25.2	5.7	.5	.5	.1	.0	.0	.0	.0	100.0	5.1

TOTAL NO. OF OBS : 951

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 1000 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	2.6	4.0	2.0	.3	.0	.0	.0	.0	.0	10.0	8.2
NNE	.9	2.9	4.3	.6	.1	.0	.0	.0	.0	.0	8.9	7.4
NE	.9	1.5	3.0	.8	.0	.0	.0	.0	.0	.0	6.3	7.3
ENE	.7	2.5	1.7	.1	.0	.0	.0	.0	.0	.0	5.0	5.7
E	2.0	1.8	1.5	.2	.0	.0	.0	.0	.0	.0	5.5	5.1
ESE	1.9	1.7	.6	.2	.0	.0	.0	.0	.0	.0	4.4	4.6
SE	.7	1.2	1.3	.1	.0	.0	.0	.0	.0	.0	3.3	6.2
SSE	.0	.3	.8	.8	.1	.0	.0	.0	.0	.0	2.1	10.4
S	.3	.5	2.1	1.3	.2	.0	.0	.0	.0	.0	4.4	9.6
SSW	.2	.7	1.9	1.4	.3	.1	.0	.0	.0	.0	4.6	10.3
SW	.2	1.7	2.0	1.4	.5	.0	.1	.0	.0	.0	5.9	9.9
WSW	.4	.7	2.9	1.7	.3	.0	.1	.0	.0	.0	6.2	9.8
W	.3	2.5	4.2	2.3	.6	.0	.0	.0	.0	.0	10.0	9.2
WNW	.3	.8	1.6	1.3	.4	.1	.1	.0	.0	.0	4.6	10.8
NW	.3	.6	2.4	2.4	.4	.0	.0	.0	.0	.0	6.2	10.3
NNW	.7	1.7	2.4	2.7	.1	.0	.0	.0	.0	.0	7.7	9.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	.0
ALL	11.1	23.9	36.8	19.3	3.5	.2	.3	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 951

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 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	2	1	1	1	1		
N	.5	1.5	2.8	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	8.5
NNE	.9	2.5	1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.8
NE	.6	1.4	1.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.8
ENE	1.2	1.6	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.1
E	1.4	1.7	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.3
ESE	1.2	1.9	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.2
SE	.8	2.6	1.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.9
SSE	.1	.8	2.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.7
S	.2	.7	2.6	2.7	.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.9	11.0
SSW	.1	.5	1.4	1.7	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	12.1
SW	.4	.5	2.4	3.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	10.9
WSW	.1	.8	1.4	2.1	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	12.0
W	.4	1.6	4.5	4.8	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	10.9
WNW	.3	.4	3.3	2.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	10.8
NW	.1	1.5	2.5	2.0	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	10.7
NNW	.3	.9	2.7	1.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	9.8
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	2.1	.0
ALL	8.7	21.1	35.6	25.9	5.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 950

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 1600 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	.5	.6	3.0	1.1	.4	.0	.0	.0	.0	.0	.0	5.6	9.2
NNE	.5	1.6	1.6	.2	.2	.0	.0	.0	.0	.0	.0	4.1	7.3
NE	.5	.8	.6	.4	.1	.0	.0	.0	.0	.0	.0	2.5	7.2
ENE	.1	1.4	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.7	7.2
E	.8	1.4	1.7	.2	.0	.0	.0	.0	.0	.0	.0	4.1	6.1
ESE	.4	.8	2.5	.4	.0	.0	.0	.0	.0	.0	.0	4.2	7.6
SE	.6	1.4	3.3	.8	.0	.0	.0	.0	.0	.0	.0	6.1	7.6
SSE	.1	1.7	4.8	1.3	.0	.0	.0	.0	.0	.0	.0	7.9	8.3
S	.0	2.1	8.9	4.3	.3	.0	.0	.0	.0	.0	.0	15.6	9.8
SSW	.0	.7	2.1	3.8	.5	.2	.0	.0	.0	.0	.0	7.4	11.9
SW	.1	.6	2.0	2.0	.3	.0	.0	.0	.0	.0	.0	5.1	10.7
WSW	.0	.4	1.1	1.6	.7	.0	.0	.0	.0	.0	.0	3.8	12.4
W	.5	.7	3.4	3.9	.7	.2	.1	.0	.0	.0	.0	9.6	11.4
WNW	.3	1.3	2.3	2.3	.6	.1	.0	.0	.0	.0	.0	7.0	10.3
NW	.3	.6	2.1	3.2	.5	.2	.0	.0	.0	.0	.0	7.0	11.2
NNW	.5	1.4	2.2	1.7	.3	.1	.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	1.2	.0
ALL	5.5	17.6	42.6	27.4	4.8	.8	.1	.0	.0	.0	.0	100.0	9.5

TOTAL NO. OF OBS : 949

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 1900 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)					28-33	34-40	41-47	48-55	>=56	TOTAL	%	MEAN
DIR.		1		1		1		1		1		1		1		1		1		1		1	
N		1.4		2.4		1.8		.8		.0		.0		.0		.0		.0		.0		6.3	6.2
NNE		1.0		1.8		.5		.4		.0		.1		.0		.0		.0		.0		3.9	6.0
NE		.6		.9		1.4		.6		.0		.0		.0		.0		.0		.0		3.5	7.4
ENE		.4		.9		.9		.1		.0		.0		.0		.0		.0		.0		2.3	6.0
E		.5		.5		2.3		.0		.0		.1		.0		.0		.0		.0		3.4	7.2
ESE		.9		2.2		1.6		.0		.0		.0		.0		.0		.0		.0		4.6	5.7
SE		1.2		2.9		1.0		.2		.0		.0		.0		.0		.0		.0		5.3	5.3
SSE		3.8		3.3		1.2		.3		.0		.0		.0		.0		.0		.0		8.6	4.5
S		3.2		5.5		3.1		1.3		.2		.0		.0		.0		.0		.0		13.3	5.9
SSW		1.1		3.2		6.1		1.9		.1		.0		.0		.0		.0		.0		12.5	7.9
SW		.9		2.4		3.0		.4		.1		.0		.0		.0		.0		.0		6.8	7.2
WSW		.6		1.1		1.5		.4		.1		.0		.0		.0		.0		.0		3.8	7.4
W		1.1		2.4		1.2		.6		.1		.0		.0		.0		.0		.0		5.4	6.4
WNW		1.0		.9		1.4		1.0		.2		.0		.0		.0		.0		.0		4.4	8.1
NW		1.0		1.4		1.3		1.0		.2		.0		.0		.0		.0		.0		4.8	7.4
NNW		.8		1.6		.9		.6		.0		.1		.0		.0		.0		.0		4.0	7.1
VAR		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0	.0
CLM		.0		.0		.0		.0		.0		.0		.0		.0		.0		.0		7.1	.0
ALL		19.4		33.2		29.1		9.8		1.1		.3		.0		.0		.0		.0		100.0	6.1

TOTAL NO. OF OBS : 930

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 2200 LST

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

16 PT.	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
DIR.															
N	1.7	1.3	1.3		.8	.6	.1	.1	.0	.0	.0	.0	.0	4.6	6.5
NNE	1.0	1.3			.6	.6	.0	.0	.0	.0	.0	.0	.0	3.4	5.8
NE	1.1	1.3			.6	.6	.0	.0	.0	.0	.0	.0	.0	3.5	6.1
ENE	.4	2.1			1.1	.4	.0	.0	.0	.0	.0	.0	.0	4.1	6.6
E	1.3	3.2			3.4	.0	.0	.1	.0	.0	.0	.0	.0	8.0	6.5
ESE	1.3	1.4			1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
SE	1.0	.8			1.0	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.4
SSE	.6	.7			.6	.3	.0	.0	.0	.0	.0	.0	.0	2.1	5.9
S	2.0	1.8			2.7	1.4	.0	.0	.0	.0	.0	.0	.0	7.8	6.7
SSW	2.0	3.5			2.5	.7	.0	.0	.0	.0	.0	.0	.0	8.7	6.1
SW	3.1	3.9			2.4	.8	.0	.1	.0	.0	.0	.0	.0	10.3	5.8
WSW	2.4	3.4			1.4	.4	.0	.0	.0	.0	.0	.0	.0	7.6	5.4
W	1.0	1.7			2.1	.6	.0	.0	.0	.0	.0	.0	.0	5.3	6.3
WNW	.3	.8			1.4	.1	.0	.0	.0	.0	.0	.0	.0	2.7	7.2
NW	.4	.8			1.1	.8	.0	.0	.0	.0	.0	.0	.0	3.2	8.1
NNW	.6	2.8			.8	.4	.0	.0	.0	.0	.0	.0	.0	4.6	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	17.6	.0
ALL	19.9	30.8			23.4	7.8	.1	.4	.0	.0	.0	.0	.0	100.0	5.1

TOTAL NO. OF OBS : 715

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : ALL

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	1.3	2.5	2.6	.9	.1	.0*	.0	.0	.0	.0	.0	7.7
NNE	1.1	2.1	1.7	.5	.0*	.0*	.0	.0	.0	.0	.0	5.4
NE	.9	1.4	1.4	.5	.0*	.0	.0	.0	.0	.0	.0	4.2
ENE	.6	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.6
E	1.3	1.7	1.7	.1	.0	.0*	.0	.0	.0	.0	.0	4.9
ESE	.9	1.4	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.6
SE	.7	1.4	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	3.7
SSE	.7	1.0	1.5	.6	.0*	.0	.0	.0	.0	.0	.0	3.9
S	1.0	1.7	3.1	1.7	.2	.0	.0	.0*	.0	.0	.0	7.7
SSW	.9	1.8	2.5	1.5	.3	.1	.0*	.0	.0	.0	.0	7.1
SW	1.2	2.3	2.3	1.3	.2	.0*	.0	.0	.0	.0	.0	7.4
WSW	1.2	1.8	1.7	.9	.2	.0*	.0	.0	.0	.0	.0	6.0
W	1.1	2.3	2.8	1.9	.4	.0*	.0	.0	.0	.0	.0	8.6
WNW	.5	1.1	1.8	1.1	.3	.1	.0*	.0	.0	.0	.0	4.8
NW	.5	1.2	1.6	1.4	.3	.1	.0*	.0	.0	.0	.0	5.1
NNW	.8	1.7	1.7	1.2	.1	.0*	.0	.0	.0	.0	.0	5.6
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	10.8
ALL	14.6	27.4	29.8	14.4	2.3	.4	.1	.0*	.0	.0	.0	100.0

TOTAL NO. OF OBS : 6872

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	3.7	57.9	60.3	60.7	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.8
>=20000	3.7	61.2	63.8	64.4	64.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.3	65.6
>=18000	3.7	61.4	64.1	64.6	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.6	65.9
>=16000	3.7	61.4	64.1	64.6	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.6	65.9
>=14000	3.7	61.4	64.1	64.6	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.6	65.9
>=12000	3.8	62.2	64.9	65.5	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.6	66.9
>=10000	4.0	64.5	67.3	68.0	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.3	69.6
>=9000	4.0	64.5	67.3	68.0	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.3	69.6
>=8000	4.0	68.2	71.3	72.0	72.8	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.4	73.7
>=7000	4.0	68.6	71.9	72.6	73.4	73.6	73.6	73.6	73.7	73.7	73.7	73.7	74.0	74.3
>=6000	4.0	69.3	72.6	73.3	74.1	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.7	75.0
>=5000	4.1	70.7	74.3	75.0	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.4	76.7
>=4500	4.1	71.1	74.7	75.5	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.9	77.2
>=4000	4.1	72.3	76.2	77.1	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.5	78.8
>=3500	4.1	72.4	76.7	77.5	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.2	79.5
>=3000	4.1	74.3	78.5	79.3	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.3	81.6
>=2500	4.1	75.0	79.2	80.1	81.6	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.2	82.5
>=2000	4.1	76.5	80.9	82.0	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.6	84.9
>=1800	4.1	76.7	81.2	82.3	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.9	85.1
>=1500	4.1	77.7	82.5	83.7	85.6	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.6	86.8
>=1200	4.1	78.1	82.9	84.2	86.1	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.4	87.7
>=1000	4.1	79.2	84.6	86.0	88.3	88.8	89.1	89.1	89.4	89.4	89.4	89.4	89.7	90.0
>=900	4.1	79.3	84.9	86.3	88.5	89.3	89.5	89.5	89.7	89.8	89.8	89.8	90.1	90.4
>=800	4.1	79.9	85.7	87.4	89.8	90.5	90.8	90.9	91.1	91.1	91.1	91.1	91.4	91.7
>=700	4.1	80.2	86.0	87.7	90.2	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.8	92.1
>=600	4.1	80.6	86.6	88.4	91.2	91.9	92.4	92.5	92.8	92.8	92.8	92.8	93.1	93.4
>=500	4.1	80.9	87.0	88.8	91.6	92.6	93.2	93.5	93.8	93.8	93.8	93.8	94.1	94.3
>=400	4.1	81.0	87.6	89.5	92.9	93.8	94.6	94.9	95.2	95.2	95.2	95.2	95.5	95.8
>=300	4.1	81.0	87.6	89.5	93.1	94.6	95.5	95.8	96.3	96.3	96.5	96.5	96.7	97.0
>=200	4.1	81.0	87.6	89.5	93.1	94.8	95.9	96.3	97.0	97.2	97.3	97.3	97.6	97.9
>=100	4.1	81.2	87.7	89.7	93.2	94.9	96.0	96.7	97.5	97.6	98.2	98.2	98.6	99.0
>=0	4.1	81.2	87.7	89.7	93.2	94.9	96.0	96.7	97.5	97.6	98.2	98.2	98.9	100.0

TOTAL NO. OF OBS : 707

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	2.6	53.7	56.8	58.3	58.8	58.8	59.3	59.4	59.4	59.5	59.7	60.0	60.1	60.3	60.5	
>=20000	2.6	56.3	59.4	61.0	61.8	61.8	62.3	62.5	62.5	62.7	62.8	63.1	63.2	63.4	63.7	
>=18000	2.6	56.3	59.4	61.1	62.0	62.0	62.4	62.7	62.7	62.8	63.0	63.2	63.4	63.5	63.8	
>=16000	2.6	56.3	59.4	61.1	62.0	62.0	62.4	62.7	62.7	62.8	63.0	63.2	63.4	63.5	63.8	
>=14000	2.6	56.3	59.4	61.1	62.0	62.0	62.4	62.7	62.7	62.8	63.0	63.2	63.4	63.5	63.8	
>=12000	2.7	56.7	59.8	61.5	62.4	62.4	62.8	63.1	63.1	63.2	63.4	63.7	63.8	64.0	64.2	
>=10000	3.0	59.0	62.7	64.4	65.4	65.4	65.8	66.1	66.1	66.2	66.4	66.7	66.8	67.0	67.2	
>=9000	3.0	59.4	63.1	64.8	65.8	65.8	66.2	66.5	66.5	66.7	66.8	67.1	67.2	67.4	67.7	
>=8000	3.0	62.4	66.4	68.1	69.1	69.1	69.7	69.9	69.9	70.1	70.2	70.5	70.7	70.8	71.1	
>=7000	3.0	62.8	67.1	68.8	69.8	69.8	70.4	70.7	70.7	70.8	70.9	71.2	71.4	71.5	71.8	
>=6000	3.0	63.8	68.2	69.9	70.9	70.9	71.5	71.8	71.8	71.9	72.1	72.4	72.5	72.6	72.9	
>=5000	3.0	64.7	69.1	70.9	72.1	72.1	72.6	72.9	72.9	73.1	73.2	73.5	73.6	73.8	74.1	
>=4500	3.0	65.1	69.5	71.4	72.5	72.5	73.1	73.4	73.4	73.5	73.6	73.9	74.1	74.2	74.5	
>=4000	3.0	66.7	71.2	73.2	74.4	74.4	74.9	75.2	75.2	75.4	75.5	75.8	75.9	76.1	76.4	
>=3500	3.0	67.4	72.4	74.4	75.5	75.5	76.1	76.4	76.4	76.5	76.6	76.9	77.1	77.2	77.5	
>=3000	3.0	68.8	73.9	76.2	77.6	77.6	78.2	78.5	78.5	78.6	78.8	79.1	79.2	79.3	79.6	
>=2500	3.0	69.4	75.1	77.8	79.2	79.2	79.8	80.1	80.1	80.2	80.3	80.6	80.8	80.9	81.2	
>=2000	3.0	70.1	76.2	78.9	80.9	80.9	81.5	81.8	81.8	81.9	82.1	82.3	82.5	82.6	82.9	
>=1800	3.0	70.1	76.2	78.9	80.9	80.9	81.5	81.8	81.8	81.9	82.1	82.3	82.5	82.6	82.9	
>=1500	3.0	70.8	77.1	80.2	82.5	82.5	83.2	83.5	83.5	83.6	83.8	84.0	84.2	84.3	84.6	
>=1200	3.0	71.2	77.5	80.8	83.2	83.2	83.9	84.2	84.2	84.3	84.5	84.8	84.9	85.0	85.3	
>=1000	3.0	72.6	79.8	83.3	86.5	86.5	87.3	87.6	87.6	87.7	87.9	88.2	88.3	88.5	88.7	
>=900	3.0	73.1	80.2	83.8	87.0	87.0	87.9	88.2	88.2	88.3	88.5	88.7	88.9	89.0	89.3	
>=800	3.0	73.1	80.5	84.0	87.5	87.5	88.5	88.7	88.7	88.9	89.0	89.3	89.5	89.6	89.9	
>=700	3.0	73.4	81.2	84.9	88.3	88.3	89.3	89.6	89.6	89.7	90.0	90.3	90.5	90.6	90.9	
>=600	3.0	74.1	82.2	86.2	89.9	89.9	91.0	91.3	91.3	91.5	91.7	92.0	92.2	92.3	92.6	
>=500	3.0	74.4	82.8	86.9	91.2	91.2	92.3	92.6	92.6	92.7	93.0	93.3	93.4	93.6	94.0	
>=400	3.0	74.8	83.2	87.5	92.2	92.2	93.3	93.6	93.6	93.7	94.0	94.3	94.4	94.7	95.2	
>=300	3.0	74.9	83.5	87.9	92.6	92.6	93.9	94.4	94.4	94.7	95.0	95.4	95.6	95.9	96.3	
>=200	3.0	74.9	83.5	87.9	92.6	92.6	94.0	94.7	94.7	95.2	95.4	95.9	96.2	96.3	96.6	
>=100	3.0	74.9	83.6	88.0	92.7	92.7	94.2	94.9	94.9	95.4	95.9	96.9	97.0	97.7	98.6	
>= 0	3.0	74.9	83.6	88.0	92.7	92.7	94.2	94.9	94.9	95.4	95.9	97.0	97.2	98.3	100.0	

TOTAL NO. OF OBS : 702

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/4	>=0
UNLIMITED	8.9	41.7	45.0	46.9	48.2	48.4	49.2	49.2	49.4	49.5
>=20000	9.0	45.4	48.9	51.1	52.5	52.7	53.6	53.7	53.8	53.9
>=18000	9.0	45.6	49.1	51.3	52.7	52.9	53.1	53.8	54.0	54.1
>=16000	9.0	45.6	49.1	51.3	52.7	52.9	53.1	53.8	54.0	54.1
>=14000	9.0	45.9	49.5	51.6	53.0	53.2	54.1	54.2	54.3	54.4
>=12000	9.2	46.9	50.6	53.0	54.5	54.8	55.1	55.7	55.9	56.0
>=10000	9.8	50.3	54.3	56.9	58.5	58.9	59.3	59.9	60.2	60.3
>= 9000	9.9	50.9	54.9	57.5	59.1	59.4	59.8	60.5	60.7	60.8
>= 8000	10.6	55.0	59.6	62.3	64.0	64.4	65.4	65.6	65.8	66.0
>= 7000	10.9	56.2	61.0	63.7	65.6	65.9	67.0	67.1	67.3	67.5
>= 6000	11.0	56.6	61.4	64.1	66.0	66.3	67.4	67.5	67.7	67.9
>= 5000	11.1	57.8	62.6	65.4	67.5	67.8	68.3	68.9	69.2	69.4
>= 4500	11.1	58.4	63.3	66.1	68.3	68.6	69.0	69.7	70.0	70.2
>= 4000	11.2	59.9	64.9	67.9	70.1	70.4	71.5	71.6	71.8	72.0
>= 3500	11.2	60.3	65.2	68.3	70.4	70.7	71.9	72.0	72.2	72.5
>= 3000	11.3	62.9	68.4	71.5	73.9	74.2	75.5	75.6	75.8	76.0
>= 2500	11.3	63.5	69.4	72.6	75.1	75.5	76.8	76.9	77.1	77.3
>= 2000	11.3	64.1	70.4	73.8	76.5	76.9	78.3	78.4	78.6	78.8
>= 1800	11.4	64.5	70.7	74.1	76.8	77.2	78.6	78.7	78.9	79.2
>= 1500	11.7	65.9	72.6	76.1	79.0	79.5	81.0	81.1	81.3	81.5
>= 1200	11.8	66.2	73.2	76.8	79.7	80.2	81.7	81.9	82.1	82.3
>= 1000	11.8	67.8	75.3	78.9	82.0	82.5	84.1	84.2	84.4	84.8
>= 900	11.8	67.9	75.6	79.5	82.5	83.0	84.8	84.9	85.2	85.4
>= 800	11.8	68.5	76.3	80.6	83.7	84.2	86.1	86.2	86.5	86.7
>= 700	11.8	68.9	76.8	81.0	84.3	85.0	87.3	87.4	87.7	87.9
>= 600	11.8	69.3	77.4	81.9	85.6	86.5	88.9	89.0	89.4	89.6
>= 500	11.9	69.8	78.2	82.8	87.0	87.9	90.4	90.5	91.0	91.3
>= 400	11.9	70.1	78.8	83.9	88.3	89.4	91.5	92.7	93.6	93.8
>= 300	12.0	70.2	79.2	84.3	88.8	90.1	92.2	93.4	94.7	94.9
>= 200	12.0	70.2	79.3	84.4	89.1	90.4	92.5	94.0	95.4	95.6
>= 100	12.0	70.2	79.3	84.4	89.1	90.4	92.5	94.0	95.5	95.7
= 0	12.0	70.2	79.3	84.4	89.1	90.4	92.5	94.1	95.5	95.7

TOTAL NO. OF OBS : 926

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 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	16.7	51.1	52.9	53.0	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
>=20000	16.8	55.0	56.8	56.9	57.3	57.3	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=18000	16.8	55.1	56.9	57.0	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>=16000	16.8	55.1	56.9	57.0	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>=14000	17.0	55.7	57.7	57.8	58.1	58.1	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=12000	17.6	57.0	59.1	59.3	59.7	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=10000	17.8	59.5	61.8	62.2	62.5	62.6	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>= 9000	17.8	60.2	62.5	62.8	63.1	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>= 8000	18.1	63.9	66.6	67.1	67.4	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>= 7000	18.3	65.1	67.8	68.3	68.6	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>= 6000	18.4	66.0	68.7	69.2	69.6	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>= 5000	18.5	66.8	69.6	70.1	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 4500	18.8	67.7	70.6	71.1	71.5	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 4000	19.3	69.7	72.5	73.1	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>= 3500	19.4	70.2	73.3	73.8	74.3	74.4	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 3000	19.5	71.8	74.8	75.5	75.9	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 2500	19.6	73.0	76.3	77.2	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 2000	20.3	74.4	78.0	79.1	79.6	79.8	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 1800	20.3	74.4	78.0	79.1	79.6	79.8	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 1500	20.6	76.4	80.3	81.6	82.1	82.4	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 1200	20.8	77.4	81.5	82.8	83.3	83.6	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>= 1000	20.9	79.4	83.9	85.5	86.4	86.7	87.5	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 900	20.9	79.7	84.3	85.9	87.0	87.4	88.1	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
>= 800	21.3	80.8	85.6	87.4	88.8	89.3	90.4	90.8	90.8	90.9	90.9	90.9	91.1	91.1	91.2	91.2
>= 700	21.4	81.0	85.9	88.1	89.6	90.4	91.5	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.3	92.3
>= 600	21.4	81.1	86.5	88.8	90.4	91.2	92.3	92.9	93.0	93.3	93.3	93.3	93.5	93.5	93.6	93.6
>= 500	21.4	81.6	87.0	89.5	91.3	92.1	93.7	94.5	94.7	95.3	95.3	95.3	95.4	95.4	95.5	95.5
>= 400	21.4	81.7	87.5	90.3	92.0	93.1	95.1	96.1	96.2	97.1	97.2	97.2	97.3	97.3	97.4	97.4
>= 300	21.5	81.8	87.7	90.7	92.7	93.9	96.0	97.5	97.6	98.6	98.8	98.8	99.2	99.3	99.6	99.6
>= 200	21.5	81.8	87.7	90.7	92.7	93.9	96.0	97.5	97.6	98.6	98.8	99.0	99.5	99.6	99.8	99.8
>= 100	21.5	81.8	87.7	90.7	92.8	94.0	96.1	97.6	97.7	98.7	99.1	99.1	99.6	99.7	99.9	100.0
>= 0	21.5	81.8	87.7	90.7	92.8	94.0	96.1	97.6	97.7	98.7	99.1	99.1	99.6	99.7	99.9	100.0

TOTAL NO. OF OBS : 917

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	19.7	51.3	51.5	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=20000	20.2	56.0	56.3	56.5	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>=18000	20.2	56.6	56.8	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=16000	20.3	56.7	56.9	57.1	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=14000	20.5	57.1	57.3	57.6	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=12000	20.9	58.3	58.6	58.8	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
>=10000	21.6	60.6	61.0	61.3	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>= 9000	21.6	60.7	61.1	61.4	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>= 8000	21.8	64.1	64.6	65.0	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>= 7000	22.0	65.0	65.5	65.9	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>= 6000	22.0	65.5	66.0	66.4	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 5000	22.5	66.8	67.3	67.8	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>= 4500	22.7	67.3	68.0	68.4	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>= 4000	23.1	68.9	69.6	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 3500	23.7	70.3	71.1	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>= 3000	24.5	74.3	75.2	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 2500	25.3	77.7	78.6	79.4	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>= 2000	25.8	80.9	82.3	83.1	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
>= 1800	25.9	81.1	82.6	83.4	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>= 1500	26.5	83.3	85.2	86.2	87.1	87.2	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
>= 1200	26.8	84.1	86.2	87.6	88.5	88.6	88.8	89.0	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3
>= 1000	26.9	85.2	87.8	89.5	90.6	90.7	90.9	91.1	91.1	91.4	91.6	91.6	91.6	91.7	91.7	91.7
>= 900	26.9	85.5	88.4	90.1	91.3	91.4	91.8	92.0	92.0	92.3	92.4	92.4	92.4	92.5	92.5	92.5
>= 800	26.9	86.2	89.3	91.3	92.7	92.9	93.3	93.5	93.5	93.9	94.0	94.0	94.0	94.1	94.1	94.1
>= 700	26.9	86.2	89.5	91.9	93.3	93.5	94.1	94.5	94.5	94.8	95.0	95.0	95.0	95.1	95.1	95.1
>= 600	26.9	86.3	89.7	92.4	94.1	94.5	95.2	95.7	95.7	96.1	96.2	96.2	96.2	96.3	96.3	96.3
>= 500	26.9	87.1	90.6	93.6	95.5	96.2	96.9	97.5	97.5	97.8	97.9	98.0	98.0	98.1	98.1	98.1
>= 400	26.9	87.1	90.6	93.6	95.6	96.4	97.1	98.0	98.0	98.5	98.6	98.7	98.7	98.8	98.8	98.8
>= 300	26.9	87.1	90.6	93.8	96.1	96.9	97.7	98.7	98.7	99.2	99.5	99.8	99.8	99.9	99.9	99.9
>= 200	26.9	87.1	90.6	93.8	96.1	96.9	97.7	98.8	98.8	99.3	99.6	99.9	99.9	100.0	100.0	100.0
>= 100	26.9	87.1	90.6	93.8	96.1	96.9	97.7	98.8	98.8	99.3	99.6	99.9	99.9	100.0	100.0	100.0
>= 0	26.9	87.1	90.6	93.8	96.1	96.9	97.7	98.8	98.8	99.3	99.6	99.9	99.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 912

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/2	>=1/4
UNLIMIT	17.8	49.2	49.7	49.8	50.0	50.0	50.0	50.0	50.0	50.0
>=20000	18.5	54.5	55.0	55.1	55.3	55.3	55.3	55.3	55.3	55.3
>=18000	18.7	55.3	55.8	55.9	56.1	56.1	56.1	56.1	56.1	56.1
>=16000	18.7	55.4	55.9	56.0	56.2	56.2	56.2	56.2	56.2	56.2
>=14000	18.9	56.3	56.7	56.9	57.1	57.1	57.1	57.1	57.1	57.1
>=12000	19.4	57.3	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2
>=10000	19.8	61.1	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2
>= 9000	19.8	61.2	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3
>= 8000	20.7	65.4	66.0	66.3	66.5	66.5	66.5	66.5	66.5	66.5
>= 7000	20.8	66.6	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7
>= 6000	20.8	66.8	67.5	67.7	67.9	67.9	67.9	67.9	67.9	67.9
>= 5000	21.2	68.3	69.1	69.5	69.7	69.7	69.7	69.7	69.7	69.7
>= 4500	21.3	68.8	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2
>= 4000	21.7	70.9	72.0	72.5	72.7	72.7	72.7	72.7	72.7	72.7
>= 3500	22.0	72.3	73.6	74.0	74.3	74.3	74.3	74.3	74.3	74.3
>= 3000	23.3	77.3	79.0	79.5	80.0	80.0	80.0	80.0	80.0	80.0
>= 2500	24.1	80.2	82.0	82.5	83.1	83.1	83.1	83.2	83.2	83.2
>= 2000	24.7	83.0	85.1	85.7	86.3	86.4	86.4	86.5	86.5	86.5
>= 1800	25.0	83.4	85.5	86.2	86.7	86.8	86.8	86.9	86.9	86.9
>= 1500	25.2	85.1	87.5	88.5	89.2	89.3	89.4	89.6	89.6	89.6
>= 1200	25.6	85.8	88.4	89.6	90.3	90.4	90.6	90.8	90.8	90.8
>= 1000	25.6	86.7	89.7	91.2	91.8	92.0	92.3	92.6	92.6	92.6
>= 900	25.6	86.7	89.8	91.3	92.3	92.5	92.8	93.0	93.0	93.0
>= 800	25.6	86.9	90.3	91.9	93.1	93.4	93.8	94.1	94.1	94.1
>= 700	25.7	87.3	90.6	92.6	94.1	94.4	94.8	95.1	95.5	95.5
>= 600	25.7	87.4	90.7	92.7	94.2	94.5	95.1	96.2	96.2	96.2
>= 500	25.7	87.6	91.0	93.1	95.1	95.5	96.2	97.1	97.5	97.6
>= 400	25.7	87.7	91.3	93.5	95.7	96.0	97.1	98.1	98.7	98.9
>= 300	25.7	87.8	91.4	93.7	95.9	96.2	97.5	98.5	99.0	99.3
>= 200	25.7	87.8	91.4	93.7	95.9	96.2	97.6	98.6	99.1	99.7
>= 100	25.7	87.8	91.4	93.7	95.9	96.2	97.6	98.6	99.1	99.9
>= 0	25.7	87.8	91.4	93.7	95.9	96.2	97.6	98.6	99.1	100.0

TOTAL NO. OF OBS : 904

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	13.0	51.7	52.8	53.2	53.3	53.3	53.4	53.4	53.4	53.4
>=20000	13.0	56.0	57.4	57.8	58.0	58.0	58.1	58.1	58.1	58.1
>=18000	13.1	56.4	57.9	58.2	58.4	58.5	58.7	58.7	58.7	58.7
>=16000	13.1	56.5	58.0	58.3	58.5	58.7	58.8	58.8	58.8	58.8
>=14000	13.4	57.3	58.8	59.1	59.3	59.4	59.6	59.6	59.6	59.6
>=12000	14.1	59.4	61.3	61.8	62.0	62.1	62.2	62.2	62.2	62.2
>=10000	14.4	62.3	64.2	64.7	64.9	65.0	65.1	65.1	65.1	65.1
>= 9000	14.5	62.7	64.6	65.0	65.3	65.4	65.5	65.5	65.5	65.5
>= 8000	15.1	66.3	68.2	68.6	68.8	68.9	69.1	69.1	69.1	69.1
>= 7000	15.2	67.5	69.4	69.8	70.2	70.3	70.5	70.5	70.5	70.5
>= 6000	15.3	67.6	69.5	69.9	70.3	70.4	70.6	70.6	70.6	70.6
>= 5000	15.4	68.5	70.6	71.1	71.4	71.5	71.8	71.8	71.8	71.8
>= 4500	15.6	69.2	71.3	71.7	72.1	72.2	72.5	72.5	72.5	72.5
>= 4000	16.1	72.0	74.3	75.0	75.5	75.6	76.0	76.1	76.1	76.1
>= 3500	16.1	73.1	75.5	76.2	76.9	77.0	77.3	77.4	77.4	77.4
>= 3000	16.4	76.0	78.7	79.6	80.3	80.4	80.8	80.9	80.9	80.9
>= 2500	16.8	77.7	80.4	81.5	82.3	82.5	82.8	82.9	82.9	82.9
>= 2000	17.0	79.7	82.8	83.9	84.8	84.9	85.4	85.5	85.5	85.5
>= 1800	17.1	79.9	83.0	84.2	85.1	85.3	85.6	85.7	85.8	85.8
>= 1500	17.3	81.7	85.3	86.8	87.7	87.8	88.3	88.4	88.5	88.5
>= 1200	17.4	82.0	85.7	87.6	88.5	88.6	89.1	89.2	89.3	89.3
>= 1000	17.4	82.8	86.9	89.1	90.1	90.2	91.1	91.2	91.2	91.2
>= 900	17.4	83.2	87.6	89.8	90.8	91.1	91.8	92.1	92.2	92.2
>= 800	17.4	83.4	87.7	90.1	91.3	91.6	92.6	92.8	93.0	93.0
>= 700	17.5	83.6	88.0	90.5	92.3	92.6	93.7	94.0	94.1	94.2
>= 600	17.5	84.0	88.5	90.9	93.0	93.3	94.6	95.1	95.2	95.3
>= 500	17.5	84.2	88.9	91.5	93.9	94.4	96.1	96.8	97.2	97.3
>= 400	17.5	84.4	89.2	92.0	94.6	95.2	97.1	97.8	98.2	98.3
>= 300	17.5	84.5	89.4	92.3	95.2	95.8	97.8	98.4	98.9	99.0
>= 200	17.5	84.5	89.4	92.3	95.2	95.8	97.8	98.4	98.9	99.2
>= 100	17.5	84.5	89.4	92.3	95.2	95.8	97.8	98.4	98.9	99.6
>= 0	17.5	84.5	89.4	92.3	95.2	95.8	97.8	98.4	98.9	99.9
										100.0

TOTAL NO. OF OBS : 895

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR
 HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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	4.5	61.4	62.9	63.1	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=20000	4.5	64.6	66.5	66.8	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=18000	4.5	64.9	66.8	67.2	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=16000	4.5	64.9	66.8	67.2	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=14000	4.5	65.1	66.9	67.3	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
>=12000	4.8	66.2	68.0	68.5	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>=10000	5.0	68.0	70.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 9000	5.0	68.0	70.0	70.5	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 8000	5.0	71.6	73.7	74.3	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 7000	5.0	72.6	75.0	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 6000	5.0	72.6	75.0	75.6	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 5000	5.0	74.3	76.8	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>= 4500	5.0	74.3	76.8	77.4	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>= 4000	5.0	75.4	78.0	78.8	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 3500	5.0	76.1	79.0	80.0	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>= 3000	5.1	77.7	80.7	81.8	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 2500	5.1	78.1	81.3	82.4	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 2000	5.1	79.7	82.8	83.9	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 1800	5.1	80.1	83.2	84.4	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 1500	5.1	81.1	84.5	86.1	87.1	87.1	87.8	87.8	87.8	87.8	87.9	87.9	88.1	88.1	88.1	88.1
>= 1200	5.1	81.7	85.4	86.9	87.9	87.9	88.8	88.8	88.8	88.8	88.9	88.9	89.1	89.1	89.1	89.1
>= 1000	5.1	82.4	86.2	87.9	88.9	88.9	89.9	89.9	89.9	89.9	90.1	90.1	90.2	90.2	90.2	90.2
>= 900	5.1	83.0	86.9	88.6	89.6	89.6	90.6	90.6	90.6	90.6	90.8	90.8	90.9	90.9	90.9	90.9
>= 800	5.1	83.5	87.8	89.8	90.9	90.9	91.9	91.9	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3
>= 700	5.1	83.7	88.1	90.1	91.6	91.6	92.6	92.6	92.6	92.6	92.9	92.9	93.0	93.0	93.0	93.0
>= 600	5.1	83.8	88.4	90.5	92.2	92.2	93.3	93.3	93.3	93.3	93.9	93.9	94.0	94.0	94.0	94.0
>= 500	5.1	83.9	88.5	91.1	93.0	93.0	94.3	94.3	94.3	94.3	94.7	94.7	95.2	95.5	95.5	95.5
>= 400	5.1	83.9	89.1	92.0	94.3	94.3	95.6	95.6	95.6	95.6	96.2	96.2	96.6	96.9	97.0	97.0
>= 300	5.1	84.4	89.6	92.6	94.9	94.9	96.6	96.6	96.6	96.6	97.2	97.2	97.7	98.2	98.3	98.3
>= 200	5.1	84.4	89.6	92.6	94.9	94.9	96.7	96.7	96.7	96.7	97.3	97.3	97.7	98.3	98.9	98.9
>= 100	5.1	84.4	89.6	92.6	94.9	94.9	96.9	96.9	96.9	96.9	97.4	97.4	97.7	98.6	99.4	99.4
>= 0	5.1	84.4	89.6	92.6	94.9	94.9	96.9	96.9	96.9	96.9	97.4	97.4	97.7	98.6	99.4	100.0

TOTAL NO. OF OBS : 704

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)																>=0
	>=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
UNLIMIT	11.5	51.7	53.4	54.0	54.4	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.9	54.9
>=20000	11.7	55.7	57.5	58.2	58.7	58.7	58.8	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.2	59.2
>=18000	11.7	56.0	57.9	58.5	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6
>=16000	11.8	56.1	57.9	58.6	59.1	59.2	59.3	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.6	59.6	59.7
>=14000	11.9	56.5	58.3	59.0	59.6	59.6	59.7	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.1	60.3
>=12000	12.3	57.6	59.6	60.4	60.9	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.4	61.4	61.5	61.5	61.7
>=10000	12.6	60.4	62.5	63.4	64.0	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.5	64.6	64.8
>=9000	12.7	60.6	62.8	63.6	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8	64.8	65.0
>=8000	13.0	64.3	66.7	67.6	68.2	68.3	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.9	68.9	69.1
>=7000	13.2	65.3	67.8	68.7	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.9	69.9	69.9	70.0	70.0	70.2
>=6000	13.2	65.8	68.3	69.2	69.9	69.9	70.1	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.5	70.6	70.7
>=5000	13.4	67.0	69.6	70.6	71.3	71.4	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9	72.0	72.2
>=4500	13.5	67.5	70.2	71.1	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.5	72.6	72.8
>=4000	13.9	69.3	72.1	73.2	74.0	74.0	74.2	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.7	74.8
>=3500	14.3	72.8	76.0	77.2	78.2	78.3	78.5	78.7	78.7	78.7	78.7	78.8	78.9	78.9	78.9	79.0	79.2
>=3000	14.5	74.3	77.7	79.1	80.1	80.3	80.5	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9	81.0	81.1
>=2500	14.8	76.1	79.8	81.3	82.5	82.6	82.9	83.1	83.1	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.6
>=2000	14.9	76.3	80.0	81.5	82.8	82.9	83.2	83.4	83.4	83.4	83.4	83.5	83.6	83.6	83.7	83.7	83.9
>=1800	15.1	77.8	81.9	83.7	85.0	85.2	85.6	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.4
>=1500	15.3	78.4	82.6	84.6	85.9	86.1	86.6	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.2	87.2	87.4
>=1200	15.3	79.6	84.3	86.5	88.0	88.2	88.8	89.1	89.1	89.1	89.2	89.3	89.4	89.4	89.6	89.7	89.8
>=1000	15.3	79.9	84.7	87.0	88.6	88.7	89.5	89.8	89.8	89.8	89.8	90.0	90.1	90.1	90.3	90.4	90.5
>=900	15.3	80.4	85.4	87.9	89.7	90.0	90.8	91.1	91.1	91.1	91.1	91.3	91.4	91.4	91.6	91.7	91.8
>=800	15.4	80.6	85.8	88.4	90.5	90.8	91.7	92.1	92.1	92.1	92.1	92.3	92.4	92.4	92.6	92.7	92.9
>=700	15.4	80.9	86.3	89.0	91.3	91.7	92.7	93.3	93.3	93.3	93.3	93.6	93.7	93.7	93.9	94.0	94.1
>=600	15.4	81.3	86.8	89.7	92.4	92.8	94.0	94.7	94.7	94.7	94.7	95.1	95.2	95.2	95.5	95.6	95.8
>=500	15.4	81.4	87.2	90.3	93.2	93.7	95.1	95.9	96.0	96.0	96.0	96.5	96.7	96.7	96.9	97.1	97.2
>=400	15.4	81.6	87.4	90.6	93.6	94.3	95.8	96.7	96.7	96.7	96.8	97.4	97.6	97.6	98.0	98.2	98.4
>=300	15.4	81.6	87.4	90.7	93.7	94.3	95.9	97.0	97.0	97.0	97.0	97.6	98.0	98.0	98.5	98.7	98.9
>=200	15.4	81.6	87.4	90.7	93.7	94.3	96.0	97.0	97.0	97.1	97.1	97.8	98.2	98.2	98.8	99.1	99.6
>=100	15.4	81.6	87.4	90.7	93.7	94.3	96.0	97.0	97.0	97.1	97.1	97.8	98.2	98.2	98.8	99.3	100.0
>=0	15.4	81.6	87.4	90.7	93.7	94.3	96.0	97.0	97.0	97.1	97.1	97.8	98.2	98.2	98.8	99.3	100.0

TOTAL NO. OF OBS : 6667

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 0100 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	%	WIND	SPEED
N		.6	1.9	1.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.5	
NNE		1.0	1.4	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.3	
NE		.6	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.5	
ENE		.6	1.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.5	
E		1.2	2.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.4	
ESE		.4	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.5	
SE		.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.2	
SSE		1.2	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.1	
S		1.9	2.5	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.3	
SSW		2.0	3.2	3.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	9.0	6.1	
SW		4.6	5.5	2.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.6	5.1	
WSW		3.0	3.8	3.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	5.5	
W		2.3	3.2	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.3	
WNW		.6	1.0	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.8	
NW		.9	.4	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.6	
NNW		1.2	.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0	
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	17.5	.0	
ALL		22.5	32.3	22.8	4.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.6	
TOTAL NO. OF OBS :																	690

TOTAL NO. OF OBS : 690

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	3.3	1.4					.3	.0	.0	.0	.0	.0	.0	.0	6.6	5.3
NNE	.7	1.7	1.6					.3	.0	.0	.0	.0	.0	.0	.0	4.3	6.7
NE	.7	1.3	1.2					.0	.1	.0	.0	.0	.0	.0	.0	3.3	6.1
ENE	.7	.7	.1					.1	.0	.0	.0	.0	.0	.0	.0	1.7	4.8
E	.6	1.7	1.0					.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
ESE	.4	.7	.0					.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.0
SE	.3	.4	.1					.0	.0	.0	.0	.0	.0	.0	.0	.9	4.5
SSE	.7	.4	.0					.4	.0	.0	.0	.0	.0	.0	.0	1.6	5.5
S	1.2	2.6	2.2					.9	.1	.0	.0	.0	.0	.0	.0	6.9	6.6
SSW	1.7	2.3	1.6					.3	.0	.0	.0	.0	.0	.0	.0	5.9	5.6
SW	4.6	3.5	1.3					.4	.0	.0	.0	.0	.0	.0	.0	9.8	4.3
WSW	2.9	4.6	2.6					.3	.0	.0	.0	.0	.0	.0	.0	10.4	5.2
W	3.5	4.0	2.4					.1	.0	.0	.0	.0	.0	.0	.0	10.1	5.1
WNW	1.3	1.7	1.2					.3	.0	.0	.0	.0	.0	.0	.0	4.5	5.4
NW	.7	1.2	1.2					.3	.0	.0	.0	.0	.0	.0	.0	3.3	6.2
NNW	1.7	1.7	1.2					.0	.0	.0	.0	.0	.0	.0	.0	4.6	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	21.6	.0
ALL	23.3	32.0	19.0					3.7	.3	.0	.0	.0	.0	.0	.0	100.0	4.2

TOTAL NO. OF OBS : 694

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	1.2	3.8	2.8	1.0	.0	.0	.0	.0	.0	.0	8.8	6.6
NNE	1.5	2.4	2.0	.3	.1	.0	.0	.0	.0	.0	6.3	6.2
NE	1.1	1.5	1.2	.3	.0	.0	.0	.0	.0	.0	4.1	5.9
ENE	.8	1.6	1.2	.1	.1	.0	.0	.0	.0	.0	3.8	6.2
E	1.1	.9	.3	.3	.0	.0	.0	.0	.0	.0	2.6	5.3
ESE	.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	1.7	4.3
SE	.3	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.2	5.1
SSE	.3	.3	.3	.2	.0	.0	.0	.0	.0	.0	1.2	6.7
S	.5	1.5	1.5	1.1	.2	.0	.0	.0	.0	.0	4.9	8.2
SSW	1.5	1.8	2.3	1.0	.0	.0	.0	.0	.0	.0	6.6	6.7
SW	1.7	2.9	2.4	.5	.0	.0	.0	.0	.0	.0	7.6	6.0
WSW	2.3	2.7	5.0	1.2	.0	.0	.0	.0	.0	.0	11.2	6.8
W	2.7	3.7	2.7	.9	.0	.1	.0	.0	.0	.0	10.1	6.1
WNW	1.3	1.8	1.6	.3	.0	.0	.0	.0	.0	.0	5.1	5.7
NW	.7	.7	1.4	.4	.1	.0	.0	.0	.0	.0	3.3	7.7
NNW	.9	1.4	1.2	.8	.0	.0	.0	.0	.0	.0	4.2	6.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.3	.0
ALL	18.7	28.6	26.4	8.5	.5	.1	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 921

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 1000 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	2	1	1	1	1		
N	1.1	1.7	3.7	1.6	.4	.0	.0	.0	.0	.0	.0	8.6	8.6	8.6	8.6	8.6	8.6	8.6
NNE	.4	1.5	2.5	.8	.0	.0	.0	.0	.0	.0	.0	5.2	5.2	5.2	5.2	5.2	5.2	5.2
NE	.5	1.5	2.2	.7	.0	.0	.0	.0	.0	.0	.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
ENE	1.2	1.8	2.1	.5	.1	.1	.0	.0	.0	.0	.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
E	2.3	2.6	1.5	.4	.0	.0	.0	.0	.0	.0	.0	6.8	6.8	6.8	6.8	6.8	6.8	6.8
ESE	1.2	1.6	1.4	.2	.0	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
SE	.4	1.4	.9	.3	.0	.0	.0	.0	.0	.0	.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
SSE	.2	.7	1.8	.7	.0	.0	.0	.0	.0	.0	.0	3.4	3.4	3.4	3.4	3.4	3.4	3.4
S	.1	.8	1.8	2.1	.1	.0	.0	.0	.0	.0	.0	4.9	4.9	4.9	4.9	4.9	4.9	4.9
SSW	.2	.8	2.8	2.0	.3	.0	.0	.0	.0	.0	.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1
SW	.7	1.2	3.2	1.4	.3	.2	.0	.0	.0	.0	.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
WSW	.0	1.4	5.0	2.8	.2	.1	.0	.0	.0	.0	.0	9.6	9.6	9.6	9.6	9.6	9.6	9.6
W	.8	1.7	3.9	3.7	.5	.1	.0	.0	.0	.0	.0	10.8	10.8	10.8	10.8	10.8	10.8	10.8
WNW	.3	1.5	1.8	1.8	.3	.0	.0	.0	.0	.0	.0	5.9	5.9	5.9	5.9	5.9	5.9	5.9
NW	.7	.8	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	4.5	4.5	4.5	4.5	4.5	4.5	4.5
NNW	.3	2.1	1.7	1.8	.3	.2	.0	.0	.0	.0	.0	6.5	6.5	6.5	6.5	6.5	6.5	6.5
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	.0	.0
ALL	10.4	23.2	37.6	22.4	3.0	.8	.0	.0	.0	.0	.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 920

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 1300 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.		1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED	
N		.7	1.4			2.5	.5	.1	.0	.0	.0	.0	.0	.0	5.2	7.9	
NNE		.4	.8			1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.3	7.7	
NE		.1	1.0			1.2	.2	.1	.2	.0	.0	.0	.0	.0	2.8	8.8	
ENE		.1	.7			1.4	.3	.0	.0	.0	.0	.0	.0	.0	2.5	8.0	
E		.8	2.1			2.0	.2	.0	.0	.0	.0	.0	.0	.0	5.0	6.3	
ESE		1.1	2.1			3.0	1.1	.0	.0	.0	.0	.0	.0	.0	7.3	7.4	
SE		.8	1.8			3.7	1.1	.0	.0	.0	.0	.0	.0	.0	7.4	7.7	
SSE		.3	1.1			4.0	1.6	.0	.0	.0	.0	.0	.0	.0	7.1	8.8	
S		.2	1.1			4.6	3.4	.5	.0	.1	.0	.0	.0	.0	9.9	10.5	
SSW		.1	.5			2.1	2.2	1.0	.0	.0	.0	.0	.0	.0	5.9	12.0	
SW		.2	.8			1.6	2.7	.9	.2	.0	.0	.0	.0	.0	6.4	11.7	
WSW		.0	.8			2.8	2.9	1.1	.1	.0	.0	.0	.0	.0	7.7	11.7	
W		.5	2.7			2.8	4.7	.3	.0	.0	.0	.0	.0	.0	11.1	9.8	
WNW		.2	1.3			2.0	2.6	.4	.0	.0	.0	.0	.0	.0	6.5	9.9	
NW		.0	1.3			2.4	1.8	.2	.0	.0	.0	.0	.0	.0	5.8	10.0	
NNW		.2	1.0			2.7	1.2	.0	.1	.0	.0	.0	.0	.0	5.2	9.2	
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	1.1	.0	
ALL		5.8	20.3			40.3	27.1	4.7	.7	.1	.0	.0	.0	.0	100.0	9.3	

TOTAL NO. OF OBS : 921

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 600 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)					28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
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	1.3	2.4	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	9.6				
NNE		.2	1.0	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	8.1				
NE		.1	.1	.8	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	10.1				
ENE		.2	.7	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.3				
E		.2	.8	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.4				
ESE		.0	.7	1.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.3				
SE		.4	1.6	5.5	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	8.1				
SSE		.2	1.1	7.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	9.1				
S		.1	1.4	10.7	8.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.6	10.5				
SSW		.0	1.0	4.1	5.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	11.5				
SW		.2	.4	1.2	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	11.4				
WSW		.1	.7	1.5	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	11.1				
W		.0	.8	2.2	3.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	11.5				
WNW		.2	.5	2.2	2.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	10.8				
NW		.2	.5	1.7	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	10.5				
NNW		.2	.8	2.3	1.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	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	.2	.0				
ALL		2.6	13.2	47.1	32.3	4.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	10.0				

TOTAL NO. OF OBS : 922

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 1900 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	.9	2.3	1.5	.2	.1	.0	.0	.0	.0	.0	.0	5.1	6.2
NNE	.3	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.7
NE	.2	.6	1.3	.1	.1	.0	.0	.0	.0	.0	.0	2.3	8.1
ENE	.0	.4	.9	.2	.0	.0	.0	.0	.0	.0	.0	1.5	8.5
E	.8	1.4	2.1	.4	.0	.0	.0	.0	.0	.0	.0	4.7	6.8
ESE	.4	1.2	1.7	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.8
SE	.7	3.3	2.0	.3	.0	.0	.0	.0	.0	.0	.0	6.3	6.2
SSE	2.0	4.2	2.0	.4	.0	.0	.0	.0	.0	.0	.0	8.6	5.5
S	3.1	7.4	7.2	.9	.0	.0	.0	.0	.0	.0	.0	18.5	6.2
SSW	2.0	6.1	6.8	1.8	.3	.0	.0	.0	.0	.0	.0	17.0	7.3
SW	.9	2.3	3.9	1.0	.1	.0	.0	.0	.0	.0	.0	8.1	7.6
WSW	.4	1.2	1.2	.4	.1	.0	.0	.0	.0	.0	.0	3.4	7.6
W	1.0	2.4	1.4	.1	.1	.0	.0	.0	.0	.0	.0	5.1	6.0
WNW	.7	1.1	.9	.2	.1	.0	.0	.0	.0	.0	.0	3.0	6.5
NW	.4	.9	.9	.7	.0	.0	.0	.0	.0	.0	.0	2.9	7.7
NNW	.7	1.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.9	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	4.8	.0
ALL	14.4	36.9	35.4	7.5	1.0	.0	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 908

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : 2200 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
						22-27	28-33	34-40	41-47	48-55	>=56			
N	.7	2.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	4.3	5.8	
NNE	1.0	.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.9	
NE	.6	1.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	3.2	5.8	
ENE	.6	1.3	1.0	.4	.0	.0	.0	.0	.0	.0	.0	3.3	6.3	
E	1.3	2.2	2.6	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.0	
ESE	1.0	.9	1.4	.6	.0	.0	.0	.0	.0	.0	.0	3.9	6.5	
SE	1.6	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.3	
SSE	1.4	1.7	.7	.3	.0	.0	.0	.0	.0	.0	.0	4.2	5.1	
S	3.9	3.7	2.2	.9	.0	.0	.0	.0	.0	.0	.0	10.6	5.2	
SSW	3.0	4.5	3.6	1.3	.0	.0	.0	.0	.0	.0	.0	12.4	6.3	
SW	3.3	5.0	4.3	.4	.0	.0	.0	.0	.0	.0	.0	13.1	5.7	
WSW	2.6	3.7	2.2	.1	.0	.0	.0	.0	.0	.0	.0	8.6	5.1	
W	1.0	2.4	1.4	.7	.0	.0	.0	.0	.0	.0	.0	5.6	6.5	
WNW	.0	.6	.6	.4	.0	.0	.0	.0	.0	.0	.0	1.6	8.3	
NW	.6	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8	
NNW	.4	.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.0	6.2	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.1	.0	
ALL	23.0	33.4	24.5	6.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.0	

TOTAL NO. OF OBS : 695

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 HOUR : ALL

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

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	.8	2.2	2.2	.8	.1	.0	.0	.0	.0	.0	.0	6.2	7.2
NNE	.7	1.3	1.6	.4	.0*	.0	.0	.0	.0	.0	.0	4.0	6.9
NE	.5	1.0	1.2	.2	.0*	.0	.0	.0	.0	.0	.0	3.0	7.0
ENE	.5	1.0	1.1	.3	.0*	.0	.0	.0	.0	.0	.0	3.0	6.8
E	1.0	1.8	1.6	.2	.0	.0	.0	.0	.0	.0	.0	4.6	5.9
ESE	.7	1.2	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	3.4	6.7
SE	.6	1.5	1.8	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.8
SSE	.8	1.4	2.2	.8	.0	.0	.0	.0	.0	.0	.0	10.8	7.3
S	1.3	2.6	4.2	2.5	.2	.0	.0*	.0	.0	.0	.0	9.2	8.2
SSW	1.2	2.4	3.3	1.9	.4	.0	.0	.0	.0	.0	.0	8.4	7.2
SW	1.8	2.5	2.6	1.2	.3	.1	.0	.0	.0	.0	.0	8.1	7.8
WSW	1.3	2.2	3.0	1.3	.3	.0*	.0	.0	.0	.0	.0	8.4	7.9
W	1.4	2.6	2.4	1.9	.2	.1	.0	.0	.0	.0	.0	4.6	8.3
WNW	.6	1.2	1.5	1.1	.2	.0*	.0	.0	.0	.0	.0	3.7	8.6
NW	.5	.8	1.2	1.0	.1	.0	.0	.0	.0	.0	.0	4.2	7.7
NNW	.7	1.2	1.4	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.9
ALL	14.3	26.9	32.6	15.0	1.9	.3	.0*	.0	.0	.0	.0		

TOTAL NO. OF OBS : 6671

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0			
UNLIMIT	2.9	63.7	66.7	68.0	68.6	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.2	69.2			
>=20000	2.9	68.0	71.1	72.4	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.4	73.4	73.5	73.5			
>=18000	2.9	68.1	71.2	72.5	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.7			
>=16000	2.9	68.1	71.2	72.5	73.1	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.7			
>=14000	2.9	68.6	71.6	73.0	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.1	74.1			
>=12000	2.9	69.0	72.2	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.7	74.7			
>=10000	2.9	71.2	75.0	76.3	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.5	77.5			
>=9000	2.9	71.5	75.3	76.6	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.8	77.8			
>=8000	2.9	74.0	78.1	79.4	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.6	80.6			
>=7000	2.9	74.4	78.5	79.8	80.4	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	81.0	81.0			
>=6000	2.9	74.9	79.1	80.4	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.6	81.6			
>=5000	2.9	75.4	79.8	81.1	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.3	82.3			
>=4500	2.9	75.9	80.3	81.6	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.7	82.7			
>=4000	2.9	77.0	81.7	83.0	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.2	84.2			
>=3500	2.9	77.9	82.6	84.1	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.2	85.2			
>=3000	3.1	80.0	84.9	86.4	87.0	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6			
>=2500	3.1	80.6	86.0	87.4	88.3	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	89.0	89.0			
>=2000	3.1	81.1	87.0	88.6	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.4	90.4			
>=1800	3.1	81.1	87.0	88.6	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.4	90.4			
>=1500	3.1	82.2	88.5	90.5	91.5	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.3	92.3			
>=1200	3.1	82.5	88.9	91.1	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	93.0	93.0			
>=1000	3.1	83.2	90.4	92.8	94.0	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9	95.0	95.0			
>=900	3.1	83.2	90.4	93.1	94.3	94.4	94.9	95.0	95.0	95.0	95.0	95.0	95.2	95.2	95.3	95.3			
>=800	3.1	83.2	90.8	93.7	94.9	95.0	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	96.1	96.1			
>=700	3.1	83.5	91.1	94.0	95.3	95.5	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5			
>=600	3.1	83.5	91.1	94.4	95.8	95.9	96.5	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.9	96.9			
>=500	3.1	83.5	91.4	95.0	96.6	96.8	97.7	97.8	97.8	97.8	97.8	97.8	98.0	98.1	98.4	98.4			
>=400	3.1	83.6	91.5	95.3	97.2	97.4	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.8	99.1	99.1			
>=300	3.1	83.6	91.5	95.5	97.4	97.5	98.5	98.8	98.8	98.8	98.8	98.8	99.0	99.1	99.4	99.4			
>=200	3.1	83.6	91.5	95.6	97.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.3	99.6	99.6			
>=100	3.1	83.6	91.5	95.6	97.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.3	99.6	99.6			
>=0	0	83.6	91.5	95.6	97.5	97.7	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.4	99.9	100.0			

TOTAL NO. OF OBS : 684

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	2.2	57.2	62.1	63.6	64.8	64.9	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
>=20000	2.2	59.5	64.6	66.2	67.7	67.8	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7
>=18000	2.2	59.5	64.6	66.2	67.7	67.8	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7
>=16000	2.2	59.5	64.6	66.2	67.7	67.8	68.1	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.7	68.7
>=14000	2.2	59.9	65.1	66.7	68.1	68.3	68.6	68.9	68.9	69.0	69.0	69.0	69.0	69.2	69.2	69.2
>=12000	2.2	60.7	65.8	67.4	68.9	69.0	69.3	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.9	69.9
>=10000	2.2	63.9	69.3	71.1	72.5	72.7	73.0	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5
>= 9000	2.2	63.9	69.3	71.1	72.5	72.7	73.0	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5	73.5
>= 8000	2.2	66.1	71.6	73.7	75.1	75.3	75.6	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.3	76.3
>= 7000	2.2	67.0	72.7	74.7	76.2	76.3	76.6	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.3	77.3
>= 6000	2.2	67.1	73.0	75.0	76.5	76.6	76.9	77.2	77.2	77.5	77.5	77.5	77.5	77.5	77.6	77.6
>= 5000	2.2	68.0	74.0	76.0	77.5	77.6	77.9	78.2	78.2	78.5	78.5	78.5	78.5	78.5	78.7	78.7
>= 4500	2.2	68.4	74.6	76.6	78.1	78.2	78.5	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.2	79.2
>= 4000	2.2	69.4	75.9	77.9	79.4	79.5	79.8	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.7	80.7
>= 3500	2.2	70.3	77.0	79.2	80.7	80.8	81.1	81.4	81.4	81.9	81.9	81.9	81.9	81.9	82.0	82.0
>= 3000	2.3	72.4	79.5	81.9	83.5	83.6	84.2	84.6	84.6	85.1	85.1	85.1	85.1	85.1	85.2	85.2
>= 2500	2.3	73.2	80.6	83.5	85.1	85.2	86.0	86.4	86.4	86.8	86.8	86.8	86.8	86.8	87.0	87.0
>= 2000	2.3	74.1	82.0	85.2	87.1	87.3	88.0	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.2	89.2
>= 1800	2.3	74.4	82.3	85.5	87.4	87.6	88.5	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.5	89.5
>= 1500	2.3	75.7	84.2	87.4	89.3	89.5	90.5	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.5	91.5
>= 1200	2.3	75.9	84.4	87.6	89.5	89.6	90.6	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.8	91.8
>= 1000	2.3	77.2	86.1	89.3	91.5	91.7	92.7	93.1	93.1	93.7	93.7	93.7	93.7	93.7	94.0	94.0
>= 900	2.3	77.5	86.4	89.6	92.0	92.1	93.1	93.6	93.6	94.2	94.2	94.3	94.3	94.3	94.4	94.4
>= 800	2.3	77.8	86.8	90.1	92.4	92.5	93.6	94.0	94.0	94.6	94.6	94.7	94.7	94.7	94.9	94.9
>= 700	2.3	78.1	87.1	90.5	93.0	93.1	94.2	94.6	94.6	95.2	95.2	95.3	95.3	95.3	95.5	95.5
>= 600	2.3	78.1	87.1	90.6	93.6	93.7	94.9	95.3	95.3	96.2	96.2	96.5	96.5	96.5	96.6	96.6
>= 500	2.3	78.2	87.4	91.7	94.7	94.9	96.2	96.6	96.6	97.5	97.5	97.8	97.8	97.8	98.0	98.0
>= 400	2.3	78.4	87.6	91.8	94.9	95.2	96.6	97.1	97.1	98.1	98.1	98.4	98.4	98.4	98.5	98.5
>= 300	2.3	78.4	87.6	91.8	94.9	95.2	96.6	97.1	97.1	98.2	98.2	98.5	98.5	98.5	98.7	98.8
>= 200	2.3	78.4	87.6	92.0	95.0	95.3	96.8	97.2	97.2	98.4	98.4	98.7	98.7	98.7	99.0	99.1
>= 100	2.3	78.4	87.6	92.0	95.0	95.3	96.9	97.5	97.5	98.8	98.8	99.1	99.1	99.1	99.6	99.9
>= 0	2.3	78.4	87.6	92.0	95.0	95.3	96.9	97.5	97.5	98.8	99.1	99.1	99.3	99.3	99.7	100.0

TOTAL NO. OF OBS : 684

2 - CEILING VS VISIBILITY

U93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	>=5/16	>=1/4	>=0
UNLIMIT	12.1	49.8	54.9	56.8	57.1	57.3	57.7	57.8	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.2
>=20000	12.1	53.1	58.9	61.1	61.4	61.7	62.0	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.6
>=18000	12.1	53.3	59.1	61.3	61.7	61.9	62.2	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.6	62.8
>=16000	12.2	53.4	59.2	61.4	61.8	62.0	62.3	62.4	62.4	62.4	62.6	62.6	62.6	62.7	62.7	62.9
>=14000	12.4	54.4	60.2	62.4	62.8	63.0	63.3	63.4	63.4	63.4	63.6	63.6	63.7	63.8	63.8	64.0
>=12000	12.8	55.7	61.7	63.9	64.2	64.4	64.8	64.9	64.9	64.9	65.0	65.0	65.1	65.2	65.2	65.4
>=10000	13.3	58.7	65.1	67.3	67.9	68.1	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.9	68.9	69.1
>= 9000	13.4	59.2	65.7	68.0	68.6	68.8	69.1	69.2	69.2	69.2	69.3	69.3	69.4	69.6	69.6	69.8
>= 8000	14.1	62.1	69.0	71.4	72.0	72.2	72.8	73.0	73.0	73.0	73.1	73.1	73.2	73.3	73.3	73.6
>= 7000	14.7	63.4	70.6	73.0	73.8	74.0	74.7	74.9	74.9	74.9	75.0	75.0	75.1	75.2	75.2	75.4
>= 6000	14.7	64.0	71.1	73.6	74.3	74.6	75.2	75.6	75.6	75.6	75.7	75.7	75.8	75.9	75.9	76.1
>= 5000	14.7	65.4	72.9	75.3	76.2	76.4	77.1	77.4	77.4	77.4	77.6	77.6	77.7	77.8	77.8	78.0
>= 4500	14.7	65.8	73.2	75.7	76.6	76.9	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.2	78.2	78.4
>= 4000	14.8	67.1	74.8	77.2	78.1	78.4	79.1	79.4	79.4	79.4	79.6	79.6	79.7	79.8	79.8	80.0
>= 3500	14.9	68.1	75.9	78.3	79.3	79.7	80.3	80.8	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.3
>= 3000	15.2	70.6	78.7	81.2	82.4	82.8	83.4	83.9	83.9	83.9	84.0	84.0	84.1	84.2	84.2	84.4
>= 2500	15.3	71.8	79.9	82.7	84.0	84.3	85.2	85.7	85.7	85.7	85.8	85.8	85.9	86.0	86.0	86.3
>= 2000	15.4	72.7	81.0	83.9	85.3	85.7	86.6	87.1	87.1	87.1	87.2	87.2	87.3	87.4	87.4	87.8
>= 1800	15.4	72.7	81.0	83.9	85.3	85.7	86.6	87.1	87.1	87.1	87.2	87.2	87.3	87.4	87.4	87.8
>= 1500	15.7	73.4	82.0	85.0	86.4	86.8	87.8	88.3	88.3	88.3	88.4	88.4	88.6	88.7	88.7	89.0
>= 1200	15.9	74.0	82.6	85.7	87.3	87.7	88.8	89.4	89.4	89.4	89.6	89.6	89.8	89.9	89.9	90.2
>= 1000	15.9	75.0	83.8	86.9	88.7	89.0	90.1	90.8	90.8	90.9	91.0	91.0	91.2	91.3	91.3	91.7
>= 900	15.9	75.1	83.9	87.0	89.0	89.3	90.4	91.1	91.1	91.2	91.3	91.3	91.6	91.7	91.7	92.0
>= 800	15.9	75.9	84.7	88.0	90.1	90.4	91.6	92.2	92.2	92.3	92.4	92.4	92.7	92.8	92.8	93.1
>= 700	16.0	76.2	85.0	88.3	91.1	91.4	92.6	93.3	93.3	93.4	93.6	93.6	93.8	93.9	93.9	94.2
>= 600	16.0	76.3	85.6	88.9	91.9	92.3	93.6	94.4	94.4	94.6	94.8	94.8	95.0	95.1	95.1	95.4
>= 500	16.0	76.6	86.0	89.7	92.7	93.1	94.4	95.6	95.6	95.8	96.2	96.2	96.4	96.6	96.6	96.9
>= 400	16.0	76.6	86.0	89.7	92.7	93.1	94.4	95.8	95.8	96.2	96.7	96.7	96.9	97.0	97.0	97.3
>= 300	16.0	76.7	86.2	89.9	93.0	93.4	94.8	96.1	96.1	96.6	97.1	97.1	97.6	97.8	97.9	98.3
>= 200	16.0	76.8	86.3	90.0	93.1	93.6	94.9	96.2	96.2	96.9	97.8	97.8	98.3	98.6	98.7	99.1
>= 100	16.0	76.8	86.3	90.0	93.1	93.6	94.9	96.3	96.3	97.0	97.9	97.9	98.7	98.9	99.0	99.7
>= 0	16.0	76.8	86.3	90.0	93.1	93.6	94.9	96.4	96.4	97.1	98.0	98.0	98.8	99.0	99.1	100.0

TOTAL NO. OF OPS : 900

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/2	>=1	1/4	>=1	3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	18.9	55.9	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=20000	19.3	60.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=18000	19.4	61.0	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=16000	19.4	61.0	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=14000	20.0	61.7	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=12000	20.3	62.6	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=10000	21.0	66.9	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>=9000	21.3	67.4	68.9	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
>=8000	22.3	70.8	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>=7000	22.6	72.2	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>=6000	22.6	72.6	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>=5000	22.8	73.4	75.5	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=4500	23.1	73.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>=4000	23.2	75.4	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>=3500	23.2	76.3	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=3000	24.2	79.8	82.7	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=2500	25.1	83.2	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>=1800	25.9	85.3	88.6	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>=1500	25.9	85.3	88.6	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
>=1200	26.3	86.7	90.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>=1000	26.6	87.8	91.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>=900	26.7	89.3	93.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
>=800	26.8	90.1	94.7	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>=700	26.8	90.2	95.0	96.2	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>=600	26.8	90.4	95.3	96.9	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>=500	26.8	90.4	95.4	97.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=400	26.8	90.4	95.4	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=300	26.8	90.4	95.4	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=200	26.8	90.4	95.4	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=100	26.8	90.4	95.4	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=0	26.8	90.4	95.4	97.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NO. OF OBS : 898

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : APR
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	20.1	52.7	52.9	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
>=20000	20.7	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=18000	20.7	57.8	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=16000	20.8	57.9	58.2	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=14000	21.0	58.6	58.8	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=12000	21.5	59.8	60.1	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=10000	22.6	62.6	63.0	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>= 9000	22.8	63.1	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>= 8000	23.4	67.1	68.1	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>= 7000	23.6	67.7	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 6000	23.7	68.0	69.0	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 5000	24.0	69.6	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 4500	24.3	69.9	71.0	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
>= 4000	25.2	72.1	73.4	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>= 3500	25.8	74.6	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 3000	27.4	80.9	82.3	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>= 2500	29.1	85.3	87.0	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 2000	30.0	88.9	90.9	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
>= 1800	30.1	89.3	91.3	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 1500	30.4	91.3	93.7	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>= 1200	30.6	92.1	94.5	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 1000	30.6	92.6	95.3	96.4	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
>= 900	30.6	92.6	95.4	96.6	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>= 800	30.6	92.8	95.7	97.0	97.4	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 700	30.6	93.0	95.9	97.1	97.5	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 600	30.8	93.1	96.0	97.3	97.8	98.0	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
>= 500	30.8	93.2	96.2	97.7	98.3	98.5	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
>= 400	30.8	93.2	96.2	97.9	98.8	99.0	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
>= 300	30.8	93.3	96.3	98.0	98.9	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>= 200	30.8	93.3	96.3	98.0	98.9	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>= 100	30.8	93.3	96.3	98.0	98.9	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>= 0	30.8	93.3	96.3	98.0	98.9	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 894

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	>=5/16	>=1/4	>=0
UNLIMIT	18.3	51.8	52.3	52.3	52.3	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=20000	18.7	58.2	58.7	58.7	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=18000	18.7	58.5	59.1	59.1	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=16000	18.9	58.6	59.2	59.2	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
>=14000	19.3	59.8	60.3	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=12000	19.5	61.0	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=10000	20.2	64.7	65.5	65.6	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>= 9000	20.3	65.4	66.3	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 8000	20.6	68.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 7000	20.7	68.9	70.2	70.3	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>= 6000	21.1	69.8	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 5000	21.7	71.7	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 4500	22.1	72.1	73.4	73.5	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 4000	23.2	75.7	77.1	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 3500	24.1	77.9	79.5	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>= 3000	26.4	83.9	85.8	86.2	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 2500	27.0	86.6	88.9	89.5	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 2000	27.7	89.3	91.7	92.2	92.7	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1800	27.7	89.4	91.8	92.3	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
>= 1500	27.7	91.2	93.9	94.7	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 1200	27.8	91.7	94.5	95.4	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 1000	27.8	92.0	95.2	96.1	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 900	27.8	92.2	95.5	96.5	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>= 800	27.8	92.5	95.8	96.7	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 700	27.8	92.6	95.9	96.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 600	27.8	92.7	96.0	97.1	98.4	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 500	27.8	92.7	96.1	97.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>= 400	27.8	92.8	96.2	97.4	98.9	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 300	27.8	92.9	96.3	97.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 200	27.8	92.9	96.3	97.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 100	27.8	92.9	96.3	97.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 0	27.8	92.9	96.3	97.5	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NO. OF OBS : 875

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1/4
UNLIMIT	15.7	56.5	57.5	57.7	57.7	57.7	57.8	57.9	57.9	57.9
>=20000	15.9	63.5	64.9	65.3	65.7	65.7	65.4	65.5	65.5	65.9
>=18000	15.9	64.0	65.4	65.7	65.7	65.7	65.8	65.9	65.9	65.9
>=16000	15.9	64.1	65.5	65.8	65.8	65.8	65.9	66.1	66.1	66.1
>=14000	15.9	64.8	66.2	66.5	66.5	66.5	66.6	66.7	66.7	66.7
>=12000	16.8	67.2	68.6	69.0	69.0	69.0	69.1	69.3	69.4	69.4
>=10000	17.3	70.2	72.0	72.5	72.5	72.5	72.6	72.7	72.8	72.8
>=9000	17.6	70.7	72.6	73.0	73.0	73.0	73.1	73.3	73.4	73.4
>=8000	17.8	74.2	76.3	76.8	76.8	76.8	76.9	77.0	77.1	77.1
>=7000	18.5	76.0	78.4	78.9	79.0	79.0	79.1	79.2	79.3	79.3
>=6000	18.5	76.5	79.0	79.4	79.5	79.5	79.7	79.8	79.9	79.9
>=5000	18.7	77.9	80.5	80.9	81.0	81.0	81.1	81.3	81.4	81.4
>=4500	18.7	77.9	80.6	81.0	81.1	81.1	81.3	81.4	81.5	81.5
>=4000	19.2	80.1	82.9	83.3	83.4	83.4	83.5	83.7	83.8	83.8
>=3500	19.5	81.0	83.9	84.5	84.7	84.7	84.8	84.9	85.0	85.0
>=3000	19.5	84.8	88.0	88.7	88.9	88.9	89.1	89.3	89.4	89.4
>=2500	19.8	86.5	89.9	90.7	91.0	91.0	91.2	91.3	91.4	91.4
>=2000	19.9	88.1	91.7	92.6	92.9	92.9	93.3	93.4	93.5	93.5
>=1800	19.9	88.2	91.9	92.8	93.1	93.1	93.5	93.6	93.7	93.7
>=1500	19.9	89.0	92.7	93.9	94.5	94.5	94.9	95.0	95.1	95.1
>=1200	19.9	89.3	93.1	94.4	95.0	95.0	95.3	95.4	95.5	95.5
>=1000	19.9	89.6	93.7	95.3	95.9	96.0	96.5	96.7	96.8	96.8
>=900	19.9	89.7	93.8	95.4	96.0	96.1	96.6	96.8	96.9	96.9
>=800	19.9	89.8	94.2	96.0	96.7	96.8	97.3	97.5	97.7	97.7
>=700	19.9	89.9	94.4	96.3	97.0	97.1	97.6	97.8	98.1	98.1
>=600	19.9	90.1	94.5	96.9	97.6	97.7	98.2	98.5	98.7	98.7
>=500	19.9	90.1	94.7	97.3	97.9	98.2	98.6	99.0	99.3	99.3
>=400	19.9	90.3	95.0	97.5	98.3	98.5	99.0	99.3	99.8	99.9
>=300	19.9	90.3	95.0	97.5	98.3	98.5	99.0	99.3	99.8	99.9
>=200	19.9	90.3	95.0	97.5	98.3	98.5	99.0	99.4	99.9	100.0
>=100	19.9	90.3	95.0	97.5	98.3	98.5	99.0	99.4	99.9	100.0
>=0	19.9	90.3	95.0	97.5	98.3	98.5	99.0	99.4	99.9	100.0

TOTAL NO. OF OBS : 875

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	3.9	64.2	66.6	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
>=20000	3.9	68.8	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
>=18000	3.9	68.8	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
>=16000	3.9	68.8	71.6	71.8	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4	72.4
>=14000	3.9	69.2	72.0	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	72.9
>=12000	3.9	70.2	73.0	73.3	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9
>=10000	3.9	73.9	76.8	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6
>=9000	3.9	74.0	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8
>=8000	3.9	77.2	80.6	80.8	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4
>=7000	4.2	78.1	81.4	81.7	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.3	82.3	82.3	82.3
>=6000	4.2	78.4	81.9	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7
>=5000	4.2	79.2	82.7	83.0	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6
>=4500	4.2	79.8	83.3	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2
>=4000	4.2	81.1	84.8	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8
>=3500	4.2	82.3	86.1	86.6	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
>=3000	4.2	85.5	89.6	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7
>=2500	4.2	86.2	90.6	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
>=2000	4.2	87.1	91.4	92.3	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
>=1800	4.2	87.2	91.7	92.7	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5
>=1500	4.2	88.1	93.0	94.2	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
>=1200	4.2	88.2	93.2	94.8	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
>=1000	4.2	88.5	93.6	95.4	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0
>=900	4.2	88.5	93.6	95.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
>=800	4.2	88.7	93.9	95.8	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
>=700	4.2	89.0	94.3	96.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.0	98.0	98.0	98.0
>=600	4.2	89.0	94.3	96.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
>=500	4.2	89.1	94.6	96.5	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8
>=400	4.2	89.1	94.6	96.8	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4
>=300	4.2	89.3	94.8	97.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.7	99.7	99.7	99.7
>=200	4.2	89.3	94.8	97.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.9	99.9	99.9	99.9
>=100	4.2	89.3	94.8	97.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0
>=0	4.2	89.3	94.8	97.0	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 689

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : APR
 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	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	12.6	56.0	58.1	58.8	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4
>=20000	12.8	60.8	63.2	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.6	64.6
>=18000	12.8	61.0	63.4	64.2	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.9
>=16000	12.9	61.1	63.5	64.2	64.5	64.6	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9
>=14000	13.1	61.8	64.2	64.9	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.7
>=12000	13.4	62.9	65.4	66.2	66.5	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9
>=10000	13.9	66.2	69.0	69.8	70.1	70.2	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5
>=9000	14.0	66.6	69.4	70.3	70.6	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0
>=8000	14.4	69.7	72.9	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.6	74.6
>=7000	14.7	70.7	74.0	74.9	75.3	75.4	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.8	75.8
>=6000	14.7	71.2	74.5	75.4	75.8	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3
>=5000	14.9	72.4	75.9	76.8	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7
>=4500	15.0	72.8	76.3	77.2	77.6	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.2
>=4000	15.4	74.6	78.3	79.2	79.6	79.7	79.9	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.2	80.2
>=3500	15.7	76.0	79.8	80.7	81.2	81.3	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.8	81.8
>=3000	16.4	79.7	83.9	85.0	85.5	85.6	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1
>=2500	16.9	81.8	86.1	87.4	88.0	88.1	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.7	88.7
>=2000	17.3	83.5	88.1	89.5	90.2	90.3	90.6	90.8	90.8	90.9	90.9	90.9	90.9	90.9	91.0	91.0
>=1800	17.3	83.7	88.3	89.7	90.4	90.5	90.8	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.2	91.2
>=1500	17.4	84.9	89.9	91.5	92.3	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.2
>=1200	17.5	85.4	90.4	92.2	93.0	93.1	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.9	94.0
>=1000	17.5	86.1	91.5	93.4	94.3	94.5	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.4	95.4
>=900	17.5	86.3	91.7	93.6	94.7	94.8	95.3	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.8	95.8
>=800	17.6	86.6	92.2	94.2	95.3	95.5	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5
>=700	17.6	86.8	92.5	94.5	95.8	96.0	96.5	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1
>=600	17.6	86.9	92.6	94.9	96.3	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.8	97.8
>=500	17.6	87.0	92.7	95.3	97.0	97.2	97.9	98.2	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.8
>=400	17.6	87.1	93.0	95.5	97.2	97.4	98.2	98.6	98.6	98.9	98.9	99.0	99.0	99.1	99.2	99.2
>=300	17.6	87.1	93.0	95.6	97.3	97.6	98.3	98.7	98.7	99.1	99.1	99.2	99.2	99.3	99.4	99.5
>=200	17.6	87.1	93.0	95.6	97.4	97.6	98.4	98.8	98.8	99.2	99.2	99.4	99.4	99.5	99.6	99.7
>=100	17.6	87.1	93.0	95.6	97.4	97.6	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.5	99.6	99.9
>=0	17.6	87.1	93.0	95.6	97.4	97.6	98.4	98.8	98.9	99.2	99.2	99.4	99.4	99.5	99.7	100.0

TOTAL NO. OF OBS : 6499

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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	SPEED (KNOTS)										TOTAL %	MEAN WIND SPEED	
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		.8		2.1		1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.5				
NNE		1.7		1.8		1.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.8				
NE		.8		1.5		.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	3.3	6.0				
ENE		1.0		1.4		.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.6				
E		.8		3.3		.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.2				
ESE		.3		.6		.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	1.5	8.0				
SE		.6		.4		.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.3				
SSE		1.4		1.0		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.7				
S		2.5		3.6		1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.0				
SSW		4.0		2.8		2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	4.5				
SW		4.9		3.9		2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	11.4	4.5				
WSW		4.0		4.0		2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	13.3	4.5				
W		2.2		2.9		.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.5				
WNW		.3		1.5		.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.8				
NW		.6		.8		.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.6				
NNW		1.4		1.1		.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.3				
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	21.5	.0				
ALL		27.2		32.7		15.7	2.5	.4	.0	.0	.0	.0	.0	.0	.0	100.0	3.9				

TOTAL NO. OF OBS : 721

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 HOUR : 0400 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	2.6	3.9	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.2
NNE	1.0	2.2	1.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.6
NE	.7	1.9	1.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.4
ENE	.4	1.5	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.3
E	.1	1.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
ESE	.1	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
SE	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.3
SSE	.4	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.7
S	2.8	1.2	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	4.8
SSW	2.6	1.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	4.4
SW	4.0	4.0	2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	4.7
WSW	4.3	4.3	2.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	4.6
W	1.9	3.7	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	4.7
WNW	.4	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
NW	.8	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.2
NNW	1.5	1.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.8
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	24.9	.0
ALL	23.9	31.5	17.0	2.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.8

TOTAL NO. OF OBS : 724

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 HOUR : 0700 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	1.9	3.7	3.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	6.1
NNE	1.5	3.0	2.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	6.6
NE	1.2	2.4	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.0
ENE	.9	1.5	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.7
E	1.3	2.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8
ESE	.4	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.7
SE	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.8
SSE	.2	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
S	1.3	2.4	.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	5.5
SSW	2.1	1.8	2.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.2
SW	1.7	2.6	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	5.7
WSW	1.9	5.7	4.6	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.0	6.3
W	3.0	3.0	2.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.2
WNW	1.4	1.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.9
NW	.4	1.4	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.8
NNW	.8	1.6	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.0
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	14.5	.0
ALL	20.4	34.4	25.3	5.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.0

TOTAL NO. OF OBS : 948

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

Q93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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	1.4	1.8	3.3	1.7	.1	.0	.0	.0	.0	.0	.0	8.2	7.8
NNE	.4	2.0	3.1	.7	.2	.0	.0	.0	.0	.0	.0	6.4	8.0
NE	.4	1.7	2.2	1.5	.2	.0	.0	.0	.0	.0	.0	6.0	8.8
ENE	1.1	1.8	2.0	.4	.0	.0	.0	.0	.0	.0	.0	5.3	6.4
E	2.3	3.2	2.2	.3	.0	.0	.0	.0	.0	.0	.0	8.0	5.4
ESE	1.6	1.9	1.2	.1	.0	.0	.0	.0	.0	.0	.0	4.7	4.9
SE	.8	2.5	1.8	.3	.0	.0	.0	.0	.0	.0	.0	5.5	6.2
SSE	.4	1.2	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.2	6.6
S	1.1	1.5	2.0	1.7	.2	.0	.0	.0	.0	.0	.0	6.4	8.1
SSW	.8	.9	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	5.1	7.6
SW	.4	2.0	2.6	2.0	.1	.0	.0	.0	.0	.0	.0	7.2	8.4
WSW	.8	2.8	4.3	1.5	.3	.0	.0	.0	.0	.0	.0	9.8	8.0
W	1.1	3.2	4.1	1.4	.0	.0	.0	.0	.0	.0	.0	9.7	7.3
WNW	.6	1.3	.8	.6	.0	.0	.0	.0	.0	.0	.0	3.4	6.9
NW	1.1	1.4	.8	.5	.1	.0	.0	.0	.0	.0	.0	3.9	6.5
NNW	.4	.9	2.5	.6	.0	.0	.0	.0	.0	.0	.0	4.5	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	2.6	.0
ALL	14.8	30.1	36.5	14.8	1.3	.0	.0	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 948

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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)					28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.6					1.5	3.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.4
NNE	.3					1.5	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	8.1
NE	.6					1.1	2.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.7
ENE	.2					1.2	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.4
E	1.1					2.3	2.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	6.5
ESE	.7					2.1	2.5	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.6
SE	.7					2.7	4.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	7.2
SSE	.3					1.6	5.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.1	8.6
S	.5					1.9	7.5	3.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	9.4
SSW	.5					1.1	2.4	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	9.3
SW	.4					1.6	2.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.6
WSW	.4					1.6	3.0	.9	.1	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	6.2	8.8
W	.3					2.2	2.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	8.1
WNW	.1					1.3	2.4	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	8.9
NW	.4					1.3	.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.7
NNW	.2					1.6	1.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.3
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	1.5	.0
ALL	7.4					26.4	45.8	17.6	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 948

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	8.0			
NNE	.0	.8	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.8			
NE	.3	1.4	1.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.7			
ENE	.1	1.3	1.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	3.4	7.8			
E	.3	1.6	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.6	7.4			
ESE	.0	1.8	2.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.2	7.7			
SE	.6	2.4	6.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	9.4	7.4			
SSE	.3	2.1	7.4	1.1	.0	.0	.0	.0	.0	.0	.0	.0	10.9	8.0			
S	.4	3.8	12.9	6.2	.5	.0	.0	.0	.0	.0	.0	.0	23.9	9.5			
SSW	.0	1.0	6.0	3.4	.1	.0	.0	.0	.0	.0	.0	.0	10.5	10.2			
SW	.2	.2	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.5	8.9			
WSW	.2	1.1	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	7.8			
W	.1	1.5	1.4	.7	.2	.1	.0	.0	.0	.0	.0	.0	4.0	9.0			
WNW	.1	.3	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	2.6	9.0			
NW	.1	.8	1.3	.6	.1	.1	.0	.0	.0	.0	.0	.0	3.1	9.2			
NNW	.0	1.8	1.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	4.1	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	.0	.0			
ALL	3.2	23.1	52.3	19.4	1.0	.2	.0	.0	.0	.0	.0	.0	100.0	8.6			

TOTAL NO. OF OBS : 947

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 HOUR : 1900 LST

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

16 PT.	1	1	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN
DIR.	1	1	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED
N	1.5			1.9			1.1	.4	.0	.0	.0	.0	.0	.0	.0	4.9	5.7
NNE	.9			1.2			.8	.7	.0	.0	.0	.0	.0	.0	.0	3.6	6.3
NE	.3			1.7			.9	.6	.0	.0	.0	.0	.0	.0	.0	3.5	7.0
ENE	.4			1.7			1.8	.1	.0	.0	.0	.0	.0	.0	.0	4.0	6.5
E	.4			.9			3.0	.4	.1	.0	.0	.0	.0	.0	.0	4.9	8.1
ESE	.6			1.2			2.0	.4	.0	.0	.0	.0	.0	.0	.0	4.3	6.8
SE	.9			3.5			1.8	.2	.0	.0	.0	.0	.0	.0	.0	6.4	5.8
SSE	2.2			5.2			1.5	.1	.0	.0	.0	.0	.0	.0	.0	9.0	4.7
S	5.3			9.2			7.6	1.5	.0	.0	.0	.0	.0	.0	.0	23.5	5.8
SSW	2.5			5.0			5.2	.9	.1	.0	.0	.0	.0	.0	.0	13.7	6.4
SW	1.5			3.3			3.0	.2	.0	.0	.0	.0	.0	.0	.0	8.0	6.1
WSW	.3			1.7			.4	.2	.1	.0	.0	.0	.0	.0	.0	2.9	7.0
W	1.0			.7			.3	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.2
WNW	.6			.3			.3	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.8
NW	.1			.6			.6	.2	.0	.0	.0	.0	.0	.0	.0	1.5	7.1
NNW	.3			1.5			.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.9
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	4.5	.0
ALL	18.8			39.5			30.4	6.4	.3	.1	.0	.0	.0	.0	.0	100.0	5.8

TOTAL NO. OF OBS : 892

NOT : PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 HOUR : 2200 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		.5		1.4		1.4	.3	.0	.0	.0	.0	.0	.0	.0	3.6		6.7		
NNE		1.4		2.3		1.1	.7	.0	.0	.0	.0	.0	.0	.0	5.5		5.7		
NE		.7		1.0		1.2	1.0	.0	.0	.0	.0	.0	.0	.0	3.8		7.3		
ENE		.4		2.3		1.2	.0	.0	.0	.0	.0	.0	.0	.0	4.0		6.2		
E		1.0		2.1		2.6	.1	.0	.0	.0	.0	.0	.0	.0	5.8		6.2		
ESE		.5		1.8		1.5	.0	.0	.0	.0	.0	.0	.0	.0	3.8		6.1		
SE		.8		1.8		1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.0		5.7		
SSE		1.8		.5		.4	.3	.0	.0	.0	.0	.0	.0	.0	3.0		4.4		
S		4.8		4.2		3.4	.4	.0	.0	.0	.0	.0	.0	.0	12.9		5.1		
SSW		4.1		5.1		2.5	.3	.0	.0	.0	.0	.0	.0	.0	11.9		4.8		
SW		3.8		4.7		3.3	.7	.0	.0	.0	.0	.0	.0	.0	12.5		5.4		
WSW		2.7		3.0		1.8	.0	.0	.0	.0	.0	.0	.0	.0	7.5		4.8		
W		.8		1.4		.7	.1	.0	.0	.0	.0	.0	.0	.0	3.0		5.3		
WNW		.7		.4		.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2		3.2		
NW		.4		.4		.3	.1	.0	.0	.0	.0	.0	.0	.0	1.2		5.9		
NNW		.7		.5		.3	.3	.0	.0	.0	.0	.0	.0	.0	1.8		6.0		
VAR		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0		.0		
CCLM		.0		.0		.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5		.0		
ALL		25.2		32.9		22.9	4.5	.0	.0	.0	.0	.0	.0	.0	100.0		4.7		

TOTAL NO. OF OBS : 730

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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	SPEED (KNOTS)					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	%		SPEED		
N		1.2	2.2					2.2	.6	.0*	.0	.0	.0	.0	.0	.0	6.2		6.6		
NNE		.8	1.8					1.8	.8	.1	.0	.0	.0	.0	.0	.0	5.3		7.0		
NE		.6	1.6					1.5	.9	.1	.0	.0	.0	.0	.0	.0	4.7		7.5		
ENE		.6	1.6					1.4	.3	.0*	.0	.0	.0	.0	.0	.0	3.8		6.5		
E		.9	2.1					1.8	.3	.0*	.0	.0	.0	.0	.0	.0	5.2		6.2		
ESE		.6	1.3					1.4	.2	.0*	.0	.0	.0	.0	.0	.0	3.5		6.5		
SE		.6	1.9					2.2	.2	.0	.0	.0	.0	.0	.0	.0	5.0		6.6		
SSE		.8	1.7					2.2	.5	.0	.0	.0	.0	.0	.0	.0	5.3		6.7		
S		2.2	3.5					4.9	1.9	.2	.0	.0	.0	.0	.0	.0	12.6		7.3		
SSW		1.9	2.3					3.0	1.1	.1	.0	.0	.0	.0	.0	.0	8.4		6.8		
SW		1.9	2.6					2.4	.6	.0*	.0	.0	.0	.0	.0	.0	7.6		6.0		
WSW		1.7	3.0					2.5	.6	.1	.0*	.0*	.0	.0	.0	.0	7.8		6.3		
W		1.3	2.3					1.7	.5	.1	.0*	.0	.0	.0	.0	.0	5.8		6.3		
WNW		.5	.9					1.0	.3	.0*	.0	.0	.0	.0	.0	.0	2.8		6.8		
NW		.5	1.1					.7	.3	.0*	.0	.0	.0	.0	.0	.0	2.6		6.7		
NNW		.6	1.3					1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.5		6.6		
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	9.7		.0		
ALL		16.8	31.1					31.9	9.7	.6	.0*	.0*	.0	.0	.0	.0	100.0		6.0		

TOTAL NO. OF OBS : 6858

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	2.5	55.8	61.7	64.0	64.7	64.7	64.8	65.0	65.0	65.3
>=20000	2.7	59.2	65.4	67.9	68.9	68.9	69.2	69.4	69.4	69.6
>=18000	2.7	59.2	65.5	68.1	69.1	69.1	69.4	69.5	69.5	69.8
>=16000	2.7	59.2	65.5	68.1	69.1	69.1	69.4	69.5	69.5	69.8
>=14000	2.7	59.5	65.8	68.4	69.4	69.4	69.6	69.8	69.8	70.1
>=12000	2.7	59.7	66.1	68.6	69.6	69.6	69.9	70.1	70.3	70.3
>=10000	2.7	61.4	68.1	70.8	71.8	72.0	72.0	72.2	72.5	72.5
>= 9000	2.7	61.7	68.4	71.0	72.0	72.0	72.3	72.5	72.7	72.7
>= 8000	2.7	65.0	72.5	75.3	76.3	76.3	76.6	76.8	77.1	77.1
>= 7000	2.8	65.7	73.2	76.1	77.1	77.1	77.4	77.7	78.0	78.0
>= 6000	2.8	66.0	73.4	76.4	77.4	77.4	77.7	78.0	78.2	78.2
>= 5000	2.8	67.2	74.7	77.8	78.8	79.1	79.4	79.4	79.7	79.7
>= 4500	2.8	67.7	75.3	78.5	79.5	79.8	80.1	80.1	80.4	80.4
>= 4000	2.8	68.6	76.7	79.9	80.9	81.2	81.5	81.5	81.8	81.8
>= 3500	3.0	69.4	77.4	80.8	81.8	82.1	82.3	82.3	82.6	82.6
>= 3000	3.0	70.1	79.2	83.3	84.5	84.5	85.0	85.0	85.3	85.3
>= 2500	3.0	70.6	80.1	84.2	85.5	85.7	86.0	86.0	86.3	86.3
>= 2000	3.0	71.9	81.8	86.0	87.4	87.9	88.1	88.1	88.4	88.4
>= 1800	3.0	72.0	81.9	86.2	87.6	88.0	88.3	88.3	88.6	88.6
>= 1500	3.0	73.3	83.8	88.1	89.7	90.1	90.4	90.4	90.7	90.7
>= 1200	3.0	74.0	84.7	89.4	91.0	91.1	91.5	91.8	92.1	92.1
>= 1000	3.0	75.0	86.7	91.8	93.8	93.9	94.5	94.9	95.2	95.2
>= 900	3.0	75.1	87.0	92.7	94.8	94.9	95.5	95.9	96.2	96.2
>= 800	3.0	75.3	87.3	93.1	95.3	95.5	96.0	96.6	96.9	96.9
>= 700	3.0	75.7	87.9	93.6	96.2	96.3	96.9	97.5	97.7	97.7
>= 600	3.0	75.8	88.1	93.9	96.6	96.8	97.3	97.9	98.2	98.2
>= 500	3.0	76.3	88.7	94.5	97.5	97.6	98.2	98.7	99.0	99.0
>= 400	3.0	76.3	88.7	94.5	97.5	97.6	98.3	98.9	99.2	99.2
>= 300	3.0	76.3	88.7	94.5	97.5	97.6	98.3	98.9	99.2	99.2
>= 200	3.0	76.3	88.8	94.6	97.9	98.0	98.9	99.6	99.9	99.9
>= 100	3.0	76.3	88.8	94.6	97.9	98.2	99.0	99.6	100.0	100.0
>= 0	3.0	76.3	88.8	94.6	97.9	98.2	99.0	99.6	100.0	100.0

TOTAL NO. OF OBS : 708

2 - CEILING VS VISIBILITY

093727 : NEW RIVER. NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAY
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
UNLIMIT	1.0	45.9	53.9	56.6	58.5	59.0	59.9	60.1	60.1	60.6
>=20000	1.0	48.5	56.9	59.7	62.0	62.5	63.4	63.6	63.6	64.3
>=18000	1.0	48.5	56.9	59.7	62.0	62.5	63.4	63.6	63.6	64.3
>=16000	1.0	48.5	56.9	59.7	62.0	62.5	63.4	63.6	63.6	64.3
>=14000	1.0	48.6	57.0	59.8	62.2	62.6	63.6	63.7	63.7	64.4
>=12000	1.0	49.3	57.7	60.5	62.9	63.3	64.3	64.4	64.4	65.1
>=10000	1.0	50.8	59.7	62.7	65.1	65.7	66.7	66.8	66.8	67.5
>=9000	1.0	51.4	60.2	63.3	65.7	66.2	67.2	67.4	67.4	68.1
>=8000	1.0	53.5	62.7	66.4	69.3	69.9	70.9	71.1	71.1	71.8
>=7000	1.0	53.9	63.2	66.9	69.9	70.4	71.4	71.7	71.7	72.4
>=6000	1.0	54.3	63.6	67.4	70.3	70.9	71.8	72.1	72.1	72.8
>=5000	1.0	54.9	64.1	68.3	71.3	71.8	72.8	73.1	73.1	73.8
>=4500	1.0	55.2	64.6	68.8	71.7	72.3	73.2	73.5	73.5	74.2
>=4000	1.0	56.4	66.2	70.6	73.7	74.2	75.2	75.5	75.5	76.2
>=3500	1.0	56.7	66.7	71.1	74.4	74.9	75.9	76.2	76.2	76.9
>=3000	1.0	58.5	69.0	73.7	77.0	77.6	78.6	78.9	78.9	79.6
>=2500	1.0	59.4	70.4	75.2	78.7	79.3	80.3	80.5	80.5	81.4
>=2000	1.0	60.9	72.4	77.3	81.0	81.7	82.6	82.9	82.9	83.8
>=1800	1.0	60.9	72.5	77.5	81.1	81.8	82.8	83.1	83.1	83.9
>=1500	1.0	62.2	74.5	79.7	83.8	84.5	85.4	85.7	85.7	86.6
>=1200	1.0	62.2	74.9	80.1	84.2	84.9	85.9	86.1	86.1	87.0
>=1000	1.0	63.9	77.3	82.9	87.4	88.1	89.1	89.4	89.4	90.2
>=900	1.0	64.1	77.7	83.5	88.1	88.8	89.8	90.1	90.1	90.9
>=800	1.0	64.4	78.4	84.3	88.9	89.8	90.8	91.2	91.2	92.0
>=700	1.0	64.8	79.0	84.9	89.6	90.5	91.7	92.2	92.2	93.0
>=600	1.0	65.0	79.1	85.3	90.5	91.3	92.7	93.1	93.1	94.0
>=500	1.0	65.1	79.7	86.1	91.3	92.2	93.6	94.0	94.0	95.1
>=400	1.0	65.4	80.1	86.8	92.3	93.1	94.7	95.1	95.1	95.9
>=300	1.0	65.5	80.4	87.3	92.9	93.7	95.2	95.7	95.7	96.5
>=200	1.0	65.5	80.4	87.3	93.0	93.8	95.5	95.9	96.1	97.1
>=100	1.0	65.5	80.4	87.3	93.0	93.8	95.7	96.1	96.2	97.2
= 0	1.0	65.5	80.4	87.3	93.0	93.8	95.7	96.1	96.2	97.2

TOTAL NO. OF OBS : 714

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

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	8.2	41.9	47.4	50.5	51.5	51.7	51.9	52.1	52.1	52.1	52.2	52.5	52.5	52.7	52.7	52.9	53.1
>=20000	8.2	44.5	50.7	53.9	55.1	55.3	55.5	55.7	55.7	55.7	55.9	56.2	56.2	56.4	56.4	56.7	56.8
>=18000	8.2	44.7	50.8	54.0	55.2	55.5	55.6	55.8	55.8	55.8	56.0	56.3	56.3	56.6	56.6	56.8	56.9
>=16000	8.3	44.9	51.1	54.4	55.6	55.8	55.9	56.1	56.1	56.1	56.3	56.7	56.7	56.9	56.9	57.1	57.2
>=14000	8.4	45.3	51.5	54.8	56.0	56.2	56.4	56.7	56.7	56.7	56.9	57.2	57.2	57.4	57.4	57.6	57.8
>=12000	8.6	46.4	52.6	56.1	57.3	57.5	57.8	58.0	58.0	58.0	58.3	58.6	58.6	58.8	58.8	59.1	59.2
>=10000	9.1	50.5	57.2	61.0	62.2	62.6	62.8	63.0	63.0	63.0	63.3	63.6	63.6	63.9	63.9	64.1	64.2
>=9000	9.2	50.8	57.4	61.2	62.4	62.8	63.0	63.2	63.2	63.2	63.5	63.9	63.9	64.1	64.1	64.3	64.4
>=8000	9.6	54.4	61.2	65.3	66.5	66.8	67.0	67.2	67.2	67.2	67.8	68.1	68.1	68.3	68.3	68.6	68.7
>=7000	9.6	55.8	62.7	66.7	67.9	68.2	68.4	68.7	68.7	68.7	69.2	69.5	69.5	69.8	69.8	70.0	70.1
>=6000	9.7	56.7	63.6	67.7	68.9	69.2	69.4	69.7	69.7	69.7	70.2	70.5	70.5	70.7	70.7	71.0	71.1
>=5000	9.7	57.1	64.1	68.2	69.5	70.0	70.2	70.4	70.4	70.4	71.0	71.3	71.3	71.5	71.5	71.7	71.8
>=4500	9.7	57.5	64.7	68.9	70.2	70.6	70.9	71.1	71.1	71.1	71.6	71.9	71.9	72.2	72.2	72.4	72.5
>=4000	9.8	58.5	66.0	70.3	71.6	72.1	72.3	72.5	72.5	72.5	73.0	73.4	73.4	73.6	73.6	73.8	73.9
>=3500	10.2	59.7	67.4	71.6	73.0	73.5	73.7	73.9	73.9	73.9	74.5	74.8	74.8	75.0	75.0	75.2	75.3
>=3000	10.5	61.9	69.9	74.6	76.0	76.4	76.7	77.1	77.1	77.1	77.7	78.1	78.1	78.3	78.3	78.5	78.6
>=2500	10.7	63.9	72.1	77.1	78.5	78.9	79.4	79.7	79.8	80.3	80.7	80.7	80.7	80.9	80.9	81.1	81.2
>=2000	10.7	64.7	73.3	78.3	79.9	80.3	81.0	81.3	81.4	82.0	82.3	82.3	82.3	82.5	82.5	82.8	82.9
>=1800	10.7	64.8	73.4	78.4	80.0	80.5	81.1	81.4	81.6	82.1	82.4	82.4	82.4	82.6	82.6	82.9	83.0
>=1500	10.9	65.4	74.0	79.1	80.9	81.4	82.1	82.4	82.5	83.2	83.5	83.5	83.5	83.7	83.7	84.0	84.1
>=1200	11.0	66.2	75.0	80.2	82.2	82.8	83.5	83.8	84.0	84.6	84.9	84.9	84.9	85.2	85.2	85.4	85.5
>=1000	11.1	66.8	76.0	81.7	84.1	84.7	85.5	85.8	85.9	86.8	87.1	87.1	87.1	87.4	87.4	87.7	87.8
>=900	11.1	67.4	76.6	82.5	85.0	85.8	86.6	86.9	87.0	87.9	88.2	88.2	88.2	88.5	88.5	88.8	88.9
>=800	11.1	67.9	77.4	83.6	86.1	86.9	87.7	88.0	88.1	89.0	89.4	89.4	89.4	89.7	89.7	90.0	90.1
>=700	11.1	68.4	78.2	84.9	87.6	88.3	89.3	89.6	89.7	90.7	91.2	91.2	91.2	91.5	91.5	91.7	91.8
>=600	11.1	68.7	78.7	85.7	88.8	89.5	90.7	91.2	91.3	92.4	92.8	92.8	92.8	93.1	93.1	93.3	93.4
>=500	11.2	69.0	79.4	86.6	89.8	90.6	92.1	92.8	92.9	94.2	94.8	94.8	94.8	95.1	95.1	95.5	95.6
>=400	11.2	69.0	79.8	87.1	90.5	91.3	92.8	93.7	93.8	95.2	95.9	95.9	95.9	96.2	96.2	96.7	96.8
>=300	11.2	69.0	79.8	87.1	90.7	91.7	93.4	94.3	94.4	96.3	96.9	96.9	96.9	97.4	97.4	97.9	98.3
>=200	11.2	69.0	79.8	87.1	90.8	91.8	93.6	94.4	94.5	96.5	97.2	97.2	97.2	97.6	97.6	98.7	99.1
>=100	11.2	69.0	79.8	87.1	90.8	91.8	93.6	94.4	94.5	96.6	97.3	97.3	97.3	97.7	97.7	98.8	99.5
>=0	11.2	69.0	79.8	87.1	90.8	91.8	93.6	94.4	94.5	96.6	97.3	97.3	97.3	97.7	97.7	99.0	100.0

TOTAL NO. OF OBS : 916

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAY
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	17.1	48.9	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5
>=20000	17.6	52.9	54.2	54.8	55.0	55.0	55.0	55.0	55.0	55.0
>=18000	17.6	53.2	54.5	55.0	55.2	55.2	55.2	55.2	55.2	55.2
>=16000	17.9	53.6	54.9	55.4	55.7	55.7	55.7	55.7	55.7	55.7
>=14000	18.2	53.8	55.1	55.7	55.9	55.9	55.9	55.9	55.9	55.9
>=12000	18.5	55.3	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5
>=10000	19.1	57.9	59.7	60.2	60.5	60.5	60.5	60.5	60.5	60.5
>=9000	19.1	58.2	59.9	60.5	60.9	60.9	60.9	60.9	60.9	60.9
>=8000	19.7	61.2	63.3	63.9	64.2	64.2	64.2	64.2	64.2	64.2
>=7000	19.8	62.3	64.5	65.1	65.4	65.4	65.4	65.4	65.4	65.4
>=6000	19.9	62.8	65.0	65.7	66.0	66.0	66.0	66.0	66.0	66.0
>=5000	20.1	63.6	65.9	66.5	66.8	66.8	66.8	66.8	66.8	66.8
>=4500	20.2	63.9	66.2	66.8	67.2	67.2	67.2	67.2	67.2	67.2
>=4000	20.7	65.0	67.5	68.3	68.8	68.8	68.8	68.8	68.8	68.8
>=3500	20.8	66.3	68.8	69.6	70.1	70.1	70.1	70.1	70.1	70.1
>=3000	21.5	70.5	73.2	73.9	74.6	74.6	74.6	74.6	74.6	74.6
>=2500	22.1	74.9	77.6	78.4	79.2	79.2	79.2	79.2	79.2	79.2
>=2000	23.0	78.3	81.2	82.1	82.9	82.9	82.9	82.9	82.9	82.9
>=1800	23.4	78.8	81.7	82.6	83.5	83.5	83.5	83.5	83.5	83.5
>=1500	24.1	83.3	86.5	87.6	88.5	88.5	88.5	88.5	88.5	88.5
>=1200	24.5	85.1	88.4	89.6	90.5	90.5	90.5	90.5	90.5	90.5
>=1000	24.5	87.1	90.9	92.3	93.4	93.4	93.4	93.4	93.4	93.4
>=900	24.5	87.5	91.8	93.4	94.5	94.5	94.5	94.5	94.5	94.5
>=800	24.5	88.0	92.5	94.1	95.3	95.3	95.3	95.3	95.3	95.3
>=700	24.5	88.5	93.3	95.0	96.4	96.4	96.4	96.4	96.4	96.4
>=600	24.5	88.6	93.5	95.3	96.8	96.8	96.8	96.8	96.8	96.8
>=500	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6
>=400	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6
>=300	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6
>=200	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6
>=100	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6
>=0	24.5	88.9	93.9	95.8	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NO. OF OBS : 920

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAY
 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	15.5	44.1	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
>=20000	16.0	50.0	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0
>=18000	16.0	50.2	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=16000	16.1	50.3	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
>=14000	16.3	50.8	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
>=12000	16.7	52.2	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=10000	17.5	55.2	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>= 9000	17.5	55.2	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>= 8000	18.1	58.9	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 7000	18.2	59.9	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>= 6000	18.3	60.3	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>= 5000	19.0	61.5	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>= 4500	19.2	61.9	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>= 4000	20.4	65.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 3500	20.8	66.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>= 3000	22.6	75.3	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 2500	23.6	80.9	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 2000	25.3	86.3	87.7	88.2	88.5	88.5	88.5	88.5	88.5	88.5
>= 1800	25.4	86.5	88.0	88.6	88.8	88.8	88.8	88.8	88.8	88.8
>= 1500	25.9	89.9	91.7	92.6	93.0	93.0	93.0	93.1	93.2	93.2
>= 1200	25.9	90.7	92.7	93.7	94.7	94.7	94.7	94.8	94.9	94.9
>= 1000	25.9	91.8	94.0	95.2	96.3	96.5	96.5	96.7	96.8	96.8
>= 900	25.9	91.8	94.1	95.5	96.6	96.8	96.8	97.0	97.1	97.1
>= 800	26.2	92.7	95.0	96.3	97.5	97.7	97.7	97.9	98.0	98.0
>= 700	26.2	92.7	95.1	96.5	97.7	97.9	97.9	98.1	98.2	98.2
>= 600	26.2	92.8	95.2	96.8	98.1	98.3	98.3	98.6	98.7	98.7
>= 500	26.2	92.9	95.6	97.1	98.6	98.9	99.0	99.2	99.3	99.3
>= 400	26.2	92.9	95.7	97.2	98.8	99.3	99.6	99.9	100.0	100.0
>= 300	26.2	92.9	95.7	97.2	98.8	99.3	99.6	99.9	100.0	100.0
>= 200	26.2	92.9	95.7	97.2	98.8	99.3	99.6	99.9	100.0	100.0
>= 100	26.2	92.9	95.7	97.2	98.8	99.3	99.6	99.9	100.0	100.0
>= 0	26.2	92.9	95.7	97.2	98.8	99.3	99.6	99.9	100.0	100.0

TOTAL NO. OF OBS : 902

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8
	>=1/2	>=1	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4
	>=1/4	>=1/8	>=1/16	>=1/32	>=1/64	>=1/128	>=1/256	>=1/512	>=1/1024	>=1/2048
UNLIMIT	15.8	45.2	46.1	46.1	46.2	46.2	46.2	46.2	46.3	46.3
>=20000	16.9	54.7	55.7	55.8	55.9	55.9	55.9	56.0	56.0	56.0
>=18000	17.2	55.4	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7
>=16000	17.2	55.4	56.4	56.5	56.6	56.6	56.6	56.7	56.7	56.7
>=14000	17.3	56.0	57.0	57.2	57.3	57.3	57.3	57.4	57.4	57.4
>=12000	17.9	58.0	59.0	59.2	59.3	59.3	59.3	59.4	59.4	59.4
>=10000	18.5	61.5	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9
>= 9000	18.5	61.5	62.6	62.7	62.8	62.8	62.8	62.9	62.9	62.9
>= 8000	19.0	66.0	67.4	67.5	67.6	67.6	67.6	67.7	67.7	67.7
>= 7000	19.2	67.3	68.6	68.7	68.8	68.8	68.8	68.9	68.9	68.9
>= 6000	19.2	67.4	68.7	68.8	68.9	68.9	68.9	69.0	69.0	69.0
>= 5000	19.5	68.6	69.9	70.0	70.1	70.1	70.1	70.3	70.3	70.3
>= 4500	19.5	68.8	70.1	70.3	70.4	70.4	70.4	70.5	70.5	70.5
>= 4000	20.1	70.5	71.8	71.9	72.0	72.0	72.0	72.1	72.1	72.1
>= 3500	20.4	71.8	73.3	73.5	73.6	73.6	73.6	73.7	73.7	73.7
>= 3000	22.5	78.7	80.5	80.7	80.9	80.9	81.0	81.1	81.1	81.1
>= 2500	23.6	83.6	85.7	86.1	86.6	86.7	86.8	86.9	86.9	86.9
>= 2000	24.0	86.1	88.3	89.1	89.8	89.9	90.0	90.1	90.1	90.1
>= 1800	24.1	86.3	88.6	89.3	90.0	90.1	90.2	90.3	90.3	90.3
>= 1500	24.4	89.0	91.8	92.7	93.3	93.5	93.6	93.8	93.8	93.8
>= 1200	24.6	89.6	92.3	93.5	94.1	94.2	94.3	94.6	94.6	94.6
>= 1000	24.8	90.3	93.3	94.6	95.4	95.8	95.9	96.2	96.2	96.2
>= 900	24.8	90.5	93.7	95.2	96.1	96.1	96.6	96.9	96.9	96.9
>= 800	24.9	90.8	94.0	95.7	96.6	97.1	97.2	97.6	97.6	97.7
>= 700	24.9	90.9	94.3	96.0	96.9	97.0	97.9	98.3	98.3	98.4
>= 600	24.9	91.1	94.6	96.6	97.4	97.6	98.6	99.0	99.0	99.1
>= 500	24.9	91.3	94.8	97.0	97.9	98.0	99.1	99.4	99.4	99.6
>= 400	24.9	91.5	94.9	97.1	98.0	98.1	99.1	99.8	99.8	99.9
>= 300	24.9	91.5	94.9	97.1	98.0	98.1	99.1	99.8	99.8	100.0
>= 200	24.9	91.5	94.9	97.1	98.0	98.1	99.1	99.8	99.8	100.0
>= 100	24.9	91.5	94.9	97.1	98.0	98.1	99.1	99.8	99.8	100.0
>= 0	24.9	91.5	94.9	97.1	98.0	98.1	99.1	99.8	99.8	100.0

TOTAL NO. OF OBS : 901

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/2	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0			
UNLIMIT	11.7	51.7	53.8	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5			
>=20000	12.0	59.1	61.6	61.9	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3			
>=18000	12.0	59.2	61.7	62.0	62.3	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	12.1	59.4	62.0	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7			
>=14000	12.4	60.5	63.1	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8			
>=12000	12.9	62.4	65.1	65.6	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9			
>=10000	13.4	65.0	67.8	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6			
>=9000	13.4	65.2	68.2	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0			
>=8000	14.4	70.0	73.5	74.1	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4			
>=7000	14.6	72.3	75.7	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7			
>=6000	14.6	72.9	76.5	77.1	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5			
>=5000	14.6	73.5	77.1	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2			
>=4500	14.9	74.1	77.8	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9			
>=4000	15.2	75.9	79.8	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1			
>=3500	15.4	77.2	81.1	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4			
>=3000	15.8	79.8	84.1	84.9	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8			
>=2500	16.0	81.7	86.3	87.5	88.1	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7			
>=2000	16.4	83.1	87.9	89.3	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6			
>=1800	16.4	83.1	87.9	89.3	90.0	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6			
>=1500	16.6	85.0	90.3	92.0	92.7	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4			
>=1200	16.6	85.5	90.9	92.7	93.4	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2			
>=1000	16.6	86.2	91.9	93.9	94.9	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8			
>=900	16.7	86.4	92.3	94.3	95.5	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3			
>=800	16.7	86.8	92.8	94.9	96.1	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9			
>=700	16.7	86.9	92.9	95.3	96.5	96.7	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5			
>=600	16.9	87.0	93.2	95.5	96.9	97.2	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0			
>=500	16.9	87.1	93.4	95.9	97.4	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5			
>=400	16.9	87.3	93.9	96.3	97.9	98.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6			
>=300	16.9	87.3	93.9	96.3	97.9	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
>=200	16.9	87.3	93.9	96.3	97.9	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
>=100	16.9	87.3	93.9	96.3	97.9	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8			
>=0	16.9	87.3	93.9	96.3	97.9	98.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8			

TOTAL NO. OF OBS : 848

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	3.1	59.2	62.7	63.9	64.1	64.1	64.1	64.1	64.1	64.1
>=20000	3.2	62.3	66.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8
>=18000	3.2	62.3	66.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8
>=16000	3.2	62.3	66.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8
>=14000	3.2	62.3	66.1	67.5	67.8	67.8	67.8	67.8	67.8	67.8
>=12000	3.4	63.3	67.2	68.6	68.9	68.9	68.9	68.9	68.9	68.9
>=10000	3.5	65.1	69.3	70.7	71.0	71.0	71.0	71.0	71.0	71.0
>=9000	3.5	65.4	69.6	71.0	71.3	71.3	71.3	71.3	71.3	71.3
>=8000	3.5	68.6	73.5	75.1	75.4	75.4	75.4	75.4	75.4	75.4
>=7000	3.5	69.9	74.8	76.3	76.6	76.6	76.6	76.6	76.6	76.6
>=6000	3.5	70.3	75.2	76.8	77.0	77.0	77.0	77.0	77.0	77.0
>=5000	3.5	71.0	76.1	77.6	78.0	78.0	78.0	78.0	78.0	78.0
>=4500	3.5	71.4	76.6	78.3	78.7	78.7	78.7	78.7	78.7	78.7
>=4000	3.8	72.5	78.3	80.0	80.4	80.4	80.4	80.4	80.4	80.4
>=3500	3.8	73.0	78.9	80.7	81.1	81.1	81.1	81.1	81.1	81.1
>=3000	3.8	75.2	81.5	83.6	84.2	84.2	84.2	84.2	84.2	84.2
>=2500	3.8	77.7	84.3	86.7	87.5	87.5	87.5	87.7	87.7	87.7
>=2000	3.8	79.1	85.9	88.5	89.6	89.6	89.6	89.8	89.8	89.8
>=1800	3.8	79.4	86.1	88.8	89.9	89.9	89.9	90.1	90.1	90.1
>=1500	3.9	81.9	88.8	91.5	92.7	92.7	92.7	93.0	93.0	93.0
>=1200	3.9	81.9	88.9	91.7	93.0	93.0	93.0	93.3	93.3	93.3
>=1000	3.9	82.5	90.2	93.6	95.0	95.1	95.1	95.4	95.4	95.4
>=900	3.9	82.6	90.3	93.7	95.2	95.4	95.4	95.7	95.7	95.7
>=800	3.9	82.9	90.6	94.0	95.7	95.8	95.8	96.1	96.1	96.1
>=700	3.9	83.2	91.0	94.4	96.2	96.4	96.4	96.6	96.6	96.6
>=600	3.9	83.8	91.9	95.5	97.3	97.8	97.8	98.0	98.0	98.0
>=500	3.9	83.9	92.2	95.8	97.8	98.5	98.5	98.7	98.7	98.7
>=400	3.9	84.0	92.3	96.1	98.0	99.0	99.0	99.3	99.3	99.3
>=300	3.9	84.0	92.3	96.1	98.0	99.0	99.0	99.3	99.3	99.3
>=200	3.9	84.0	92.3	96.1	98.0	99.0	99.0	99.3	99.3	99.3
>=100	3.9	84.0	92.3	96.1	98.0	99.0	99.0	99.3	99.3	99.3
>=0	3.9	84.0	92.3	96.1	98.0	99.0	99.0	99.3	99.3	99.3

TOTAL NO. OF OBS : 714

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 1/4	>=1
UNLIMIT	10.0	48.7	51.9	53.1	53.6	53.7	53.8	53.9	53.9	54.0
>=20000	10.3	53.6	57.2	58.5	59.1	59.2	59.4	59.4	59.4	59.6
>=18000	10.4	53.8	57.4	58.7	59.3	59.4	59.6	59.6	59.6	59.8
>=16000	10.5	53.9	57.5	58.9	59.5	59.6	59.8	59.8	59.8	60.0
>=14000	10.6	54.4	58.0	59.3	59.9	60.0	60.2	60.3	60.3	60.4
>=12000	10.9	55.6	59.3	60.7	61.3	61.4	61.6	61.6	61.6	61.8
>=10000	11.3	58.3	62.2	63.7	64.3	64.5	64.6	64.7	64.7	64.8
>=9000	11.3	58.5	62.4	63.9	64.6	64.7	64.9	64.9	64.9	65.1
>=8000	11.7	62.1	66.4	68.0	68.7	68.9	69.0	69.1	69.1	69.3
>=7000	11.8	63.3	67.6	69.3	70.0	70.1	70.3	70.3	70.3	70.5
>=6000	11.9	63.8	68.1	69.8	70.5	70.6	70.8	70.9	70.9	71.1
>=5000	12.0	64.6	69.0	70.8	71.5	71.6	71.8	71.9	71.9	72.1
>=4500	12.1	65.0	69.5	71.3	72.0	72.1	72.3	72.4	72.4	72.6
>=4000	12.5	66.6	71.3	73.2	74.0	74.1	74.3	74.4	74.4	74.6
>=3500	12.7	67.6	72.4	74.3	75.2	75.3	75.5	75.6	75.6	75.8
>=3000	13.4	71.4	76.7	78.8	79.7	79.8	80.1	80.2	80.2	80.4
>=2500	13.9	74.4	79.9	82.2	83.3	83.4	83.6	83.8	83.8	84.1
>=2000	14.3	76.7	82.4	84.9	86.1	86.3	86.5	86.7	86.7	87.0
>=1800	14.4	76.9	82.7	85.1	86.3	86.5	86.8	86.9	86.9	87.2
>=1500	14.7	79.2	85.4	88.0	89.3	89.5	89.8	90.0	90.0	90.3
>=1200	14.8	79.9	86.2	89.0	90.4	90.6	91.0	91.1	91.1	91.5
>=1000	14.8	81.0	87.7	90.8	92.5	92.8	93.2	93.3	93.4	93.8
>=900	14.8	81.2	88.2	91.4	93.2	93.5	93.9	94.1	94.1	94.5
>=800	14.9	81.6	88.7	92.1	94.0	94.2	94.7	94.9	95.0	95.4
>=700	14.9	81.9	89.2	92.7	94.7	94.9	95.6	95.8	95.8	96.3
>=600	14.9	82.1	89.5	93.2	95.3	95.6	96.3	96.6	96.6	97.1
>=500	14.9	82.3	89.9	93.7	96.0	96.3	97.1	97.4	97.5	98.0
>=400	14.9	82.4	90.1	94.0	96.3	96.7	97.6	98.0	98.1	98.6
>=300	14.9	82.4	90.1	94.0	96.5	96.8	97.8	98.3	98.3	98.9
>=200	14.9	82.4	90.2	94.0	96.5	96.9	97.9	98.3	98.4	99.0
>=100	14.9	82.4	90.2	94.0	96.5	96.9	97.9	98.4	98.4	99.0
>=0	0	82.4	90.2	94.0	96.5	96.9	97.9	98.4	98.4	99.0

>=0

>=1/4

>=5/16

>=1/2

>=5/8

>=3/4

TOTAL NO. OF OBS : 6623

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : 0100 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	2	1	1	1	1	2	WIND
N	2.2	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	.0	5.9	4.8					
NNE	2.9	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	5.0	3.9					
NE	1.2	2.0	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.4					
ENE	1.3	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.5					
E	1.4	2.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	4.6	5.2					
ESE	.9	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.6	4.2					
SE	.9	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.7					
SSE	1.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.8					
S	3.5	2.4	1.4	.1	.0	.0	.0	.0	.0	.0	.0	7.5	4.3					
SSW	2.7	5.3	1.3	.1	.0	.0	.0	.0	.0	.0	.0	9.5	4.7					
SW	4.9	5.9	1.6	.0	.0	.0	.0	.0	.0	.0	.0	12.4	4.4					
WSW	2.4	3.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	6.9	4.7					
W	2.6	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.2					
WNW	.9	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.7	4.6					
NW	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.8					
NNW	.4	1.0	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.0	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	26.4	.0					
ALL	29.5	31.0	11.2	1.9	.0	.0	.0	.0	.0	.0	.0	100.0	3.3					

TOTAL NO. OF OBS : 694

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 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		
N	3.0	3.3	1.1	.3	.0	.0	.0	.0	.0	.0	7.7	4.5
NNE	1.7	2.4	1.1	.0	.0	.0	.0	.0	.0	.0	5.3	4.5
NE	2.2	2.3	.7	.0	.0	.0	.0	.0	.0	.0	5.2	4.3
ENE	1.7	1.0	.6	.0	.0	.0	.0	.0	.0	.0	3.4	4.8
E	.7	1.4	.4	.0	.0	.0	.0	.0	.0	.0	2.6	4.6
ESE	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.5
SE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0
SSE	.4	.3	.7	.0	.0	.0	.0	.0	.0	.0	1.4	5.9
S	1.9	1.9	.3	.0	.0	.0	.0	.0	.0	.0	4.0	3.6
SSW	3.3	3.2	.6	.1	.0	.0	.0	.0	.0	.0	7.2	4.0
SW	4.2	5.0	1.9	.0	.0	.0	.0	.0	.0	.0	11.0	4.3
WSW	4.0	3.2	1.6	.0	.0	.0	.0	.0	.0	.0	8.8	4.1
W	3.3	2.7	.6	.0	.0	.0	.0	.0	.0	.0	6.6	3.9
WNW	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.4
NW	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	1.6	4.1
NNW	.7	1.3	.9	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
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	28.7	30.3	10.8	.4	.1	.0	.0	.0	.0	.0	29.7	3.0

TOTAL NO. OF OBS : 697

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

MONTH : JUN
 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	3.3	2.9	2.8	.1	.0	.0	.0	.0	.0	.0	.0	9.1	5.3
NNE	2.0	2.5	2.5	.2	.0	.1	.0	.0	.0	.0	.0	7.3	6.0
NE	1.6	2.7	1.4	.2	.0	.0	.0	.0	.0	.0	.0	6.0	5.3
ENE	1.0	2.8	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.0
E	1.4	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	3.6	4.8
ESE	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.4
SE	.2	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.7
SSE	.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.2
S	1.0	2.2	.3	.0	.0	.1	.0	.0	.0	.0	.0	6.6	5.5
SSW	1.8	2.5	2.1	.2	.0	.0	.0	.0	.0	.0	.0	10.6	5.7
SW	2.0	5.3	3.3	.1	.0	.0	.0	.0	.0	.0	.0	10.3	5.6
WSW	2.3	5.0	2.7	.3	.0	.0	.0	.0	.0	.0	.0	9.7	5.1
W	2.9	3.8	2.9	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.0
WNW	1.5	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.3	4.2
NW	1.0	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.9
NNW	.9	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.5
ALL	23.8	36.8	22.1	1.6	.0	.2	.0	.0	.0	.0	.0		

TOTAL NO. OF OBS : 922

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : 1000 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.																
N	.9	2.3	2.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	5.8	6.0	6.0	6.0
NNE	1.1	1.5	2.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	6.0	7.3	7.3	7.3
NE	1.4	2.4	2.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	7.4	6.6	6.6	6.6
ENE	1.1	2.8	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.9	5.9	5.9
E	3.7	3.7	1.8	.5	.0	.0	.0	.0	.0	.0	.0	.0	9.8	4.9	4.9	4.9
ESE	1.3	2.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.3	5.3	5.3
SE	1.0	2.1	1.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	4.7	6.1	6.1	6.1
SSE	.8	.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.6	5.6	5.6
S	.1	1.5	2.9	.2	.1	.0	.0	.0	.0	.0	.0	.0	4.9	7.6	7.6	7.6
SSW	.8	2.3	2.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.9	6.9	6.9
SW	1.3	2.6	3.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	6.9	6.9	6.9
WSW	.7	3.4	3.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	10.3	7.1	7.1	7.1
W	1.3	4.8	3.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	8.7	6.2	6.2	6.2
WNW	.1	1.5	1.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	3.7	8.5	8.5	8.5
NW	.4	.8	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.5	6.5	6.5
NNW	1.1	1.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.0	6.0	6.0
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	3.5	.0	.0	.0
ALL	17.0	36.1	35.3	7.4	.5	.2	.0	.0	.0	.0	.0	.0	100.0	6.2	6.2	6.2

TOTAL NO. OF OBS : 920

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

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

DIR.	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL	MEAN WIND SPEED
N	.5	2.0	1.5	.5	.2	.0	.0	.0	.0	.0	4.8	7.4
NNE	.3	2.1	.8	.7	.0	.0	.0	.0	.0	.0	3.8	6.8
NE	.7	2.0	2.1	.5	.0	.0	.0	.0	.0	.0	5.2	6.9
ENE	.4	1.5	2.8	.5	.1	.0	.0	.0	.0	.0	5.4	7.5
E	1.4	2.0	1.7	.8	.1	.0	.0	.0	.0	.0	6.0	6.3
ESE	1.3	2.0	2.0	.5	.0	.0	.0	.0	.0	.0	5.8	6.2
SE	.8	4.3	4.9	.9	.1	.0	.0	.0	.0	.0	11.0	7.1
SSE	.5	2.9	5.2	1.2	.1	.0	.0	.0	.0	.0	13.0	7.6
S	.8	3.2	6.4	2.5	.2	.0	.0	.0	.0	.0	13.0	8.4
SSW	.4	1.3	2.5	1.0	.0	.0	.0	.0	.0	.0	5.2	7.7
SW	.2	.5	2.4	.9	.1	.0	.0	.0	.0	.0	4.1	9.2
WSW	.2	2.3	2.3	1.1	.1	.0	.0	.0	.0	.0	6.1	8.1
W	1.5	3.0	3.5	.7	.2	.0	.0	.0	.0	.0	8.9	6.8
WNW	.4	1.1	.9	.5	.0	.0	.0	.0	.0	.0	2.9	7.3
NW	.2	.9	1.0	.7	.0	.0	.0	.0	.0	.0	2.7	8.0
NNW	.2	1.3	.9	.1	.0	.0	.0	.0	.0	.0	2.5	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	.0
ALL	10.0	32.3	40.8	13.0	1.3	.1	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 920

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : 1600 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	1.0	1.4	1.3	.7	.1	.0	.0	.0	.0	.0	.0	4.4	6.9
NNE	.3	1.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	2.7	7.0
NE	.0	1.3	2.0	.8	.0	.0	.0	.0	.0	.0	.0	4.0	8.3
ENE	.4	1.0	1.5	.4	.0	.0	.0	.0	.0	.0	.0	3.4	7.2
E	.7	1.4	2.2	.5	.1	.0	.0	.0	.0	.0	.0	4.9	7.4
ESE	.2	2.0	2.4	.7	.0	.0	.0	.0	.0	.0	.0	5.2	7.4
SE	.4	2.7	5.0	.5	.1	.0	.0	.0	.0	.0	.0	8.8	7.7
SSE	.3	4.0	7.2	1.3	.1	.0	.0	.0	.0	.0	.0	12.9	7.8
S	1.0	5.3	13.0	3.1	.4	.0	.0	.0	.0	.0	.0	22.9	8.4
SSW	.1	2.0	4.9	3.6	.0	.0	.0	.0	.0	.0	.0	10.5	9.4
SW	.4	.7	1.5	1.1	.2	.0	.0	.0	.0	.0	.0	3.9	8.9
WSW	.1	1.1	1.7	.4	.0	.0	.0	.0	.0	.0	.0	3.4	7.7
W	.5	1.4	2.5	.7	.2	.0	.0	.0	.0	.0	.0	5.3	7.9
WNW	.1	.9	.4	.4	.0	.0	.0	.0	.0	.0	.0	1.8	8.2
NW	.1	1.2	.7	.1	.1	.0	.0	.0	.0	.0	.0	2.2	6.8
NNW	.5	.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.3	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	1.4	.0
ALL	6.3	28.1	48.0	14.8	1.4	.0	.0	.0	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 922

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : 1900 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.	1	-	3	4	-	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	SPEED			
N	.8			2.0			.8	.2	.1	.0	.0	.0	.0	.0	.0	4.0	5.9			
NNE	.8			1.1			1.3	.1	.0	.0	.0	.0	.0	.0	.0	3.3	6.1			
NE	.3			1.3			1.5	.5	.0	.0	.0	.0	.0	.0	.0	3.5	7.2			
ENE	.5			1.1			1.6	.5	.0	.0	.0	.0	.0	.0	.0	3.6	7.0			
E	.8			2.4			1.9	.2	.0	.0	.0	.0	.0	.0	.0	5.3	6.1			
ESE	.7			2.2			1.6	.7	.0	.0	.0	.0	.0	.0	.0	5.1	6.7			
SE	1.1			3.8			2.0	.3	.1	.0	.0	.0	.0	.0	.0	7.4	6.2			
SSE	3.2			5.3			1.3	.2	.0	.0	.0	.0	.0	.0	.0	10.0	4.6			
S	5.3			11.3			6.3	.8	.0	.0	.0	.0	.0	.0	.0	23.7	5.4			
SSW	1.7			6.5			5.5	.8	.0	.0	.0	.0	.0	.0	.0	14.4	6.4			
SW	1.3			2.6			2.5	.3	.0	.0	.0	.0	.0	.0	.0	6.7	6.2			
WSW	1.0			.8			.6	.1	.0	.0	.0	.0	.0	.0	.0	2.5	4.9			
W	1.0			.6			.5	.1	.1	.0	.0	.0	.0	.0	.0	2.3	5.3			
WNW	.2			.6			.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	5.5			
NW	.2			.5			.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.1			
NNW	.1			.7			.5	.0	.0	.0	.0	.0	.0	.0	.0	1.3	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	5.1	.0			
ALL	19.1			42.7			27.8	5.0	.3	.0	.0	.0	.0	.0	.0	100.0	5.6			

TOTAL NO. OF OBS : 879

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1.8	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.1					
NNE	1.4	1.0	1.6	.1	.0	.0	.0	.0	.0	.0	.0	4.1	5.7					
NE	1.6	2.0	.6	.1	.0	.0	.0	.0	.0	.0	.0	4.3	4.9					
ENE	.6	2.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.9					
E	1.3	3.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.3					
ESE	.1	1.4	.9	.4	.0	.0	.0	.0	.0	.0	.0	2.8	7.0					
SE	1.3	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	3.4	4.5					
SSE	2.7	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.0					
S	6.1	4.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	11.3	3.8					
SSW	5.5	7.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	15.5	4.4					
SW	4.0	5.7	1.8	.1	.0	.0	.0	.0	.0	.0	.0	11.6	4.4					
WSW	2.6	2.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	6.4	4.4					
W	1.0	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.0	4.7					
WNW	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.2					
NW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0					
NNW	.4	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.6	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	17.3	.0					
ALL	31.2	35.0	14.8	1.7	.0	.0	.0	.0	.0	.0	.0	100.0	3.8					

TOTAL NO. OF OBS : 705

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : ALL

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	Σ			WIND	SPEED				
N		1.6	2.2	1.6	.3	.1	.0	.0	.0	.0	.0	.0	5.7	.0		5.6					
NNE		1.2	1.7	1.4	.3	.0	.0*	.0	.0	.0	.0	.0	4.7	.0		5.9					
NE		1.1	2.0	1.6	.4	.0*	.0	.0	.0	.0	.0	.0	5.0	.0		6.2					
ENE		.8	1.7	1.5	.2	.0*	.0	.0	.0	.0	.0	.0	4.3	.0		6.1					
E		1.5	2.2	1.4	.4	.0*	.0	.0	.0	.0	.0	.0	5.5	.0		5.6					
ESE		.7	1.5	1.1	.4	.0	.0	.0	.0	.0	.0	.0	3.6	.0		6.2					
SE		.7	2.1	1.9	.3	.1	.0	.0	.0	.0	.0	.0	5.1	.0		6.6					
SSE		1.1	2.0	2.2	.4	.0*	.0	.0	.0	.0	.0	.0	5.8	.0		6.3					
S		2.3	4.0	4.3	.9	.1	.0*	.0	.0	.0	.0	.0	11.7	.0		6.5					
SSW		1.9	3.6	2.8	.9	.0	.0	.0	.0	.0	.0	.0	9.2	.0		6.2					
SW		2.1	3.3	2.4	.5	.0*	.0	.0	.0	.0	.0	.0	8.3	.0		5.8					
WSW		1.5	2.7	1.8	.5	.0*	.0	.0	.0	.0	.0	.0	6.6	.0		5.9					
W		1.7	2.5	2.0	.3	.1	.0	.0	.0	.0	.0	.0	6.6	.0		5.8					
WNW		.6	.9	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	2.3	.0		6.3					
NW		.4	.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	1.7	.0		5.9					
NNW		.6	1.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.5	.0		5.7					
NAR		.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	11.5	.0		.0					
ALL		19.8	34.2	27.8	6.2	.5	.1	.0	.0	.0	.0	.0	100.0	.0		5.4					

TOTAL NO. OF OBS : 6659

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	>=3	VISIBILITY (STATUTE MILES)										>=1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
						>=3	>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4						
UNLIMIT	.9	52.5	62.4	65.4	67.4	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.7	68.7	68.7	68.7		
>=20000	.9	56.7	67.1	70.6	72.8	73.0	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.3	74.3	74.3	74.3		
>=18000	.9	56.7	67.3	70.8	73.0	73.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.4	74.4		
>=16000	.9	56.7	67.3	70.8	73.0	73.1	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.4	74.4	74.4	74.4		
>=14000	.9	57.0	67.5	71.1	73.2	73.4	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.7	74.7	74.7	74.7		
>=12000	.9	57.7	68.4	72.1	74.3	74.4	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7		
>=10000	.9	61.0	71.8	75.6	77.9	78.2	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5		
>=9000	.9	61.3	72.1	75.9	78.2	78.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.8	79.8	79.8	79.8		
>=8000	.9	63.5	75.1	79.4	81.9	82.2	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.5	83.5	83.5	83.5		
>=7000	.9	64.2	75.9	80.3	82.7	83.0	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.4	84.4	84.4	84.4		
>=6000	.9	64.3	76.0	80.4	82.9	83.2	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.5		
>=5000	.9	64.5	76.2	80.6	83.2	83.5	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.8	84.8	84.8	84.8		
>=4500	.9	64.6	76.3	80.7	83.3	83.6	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.9	84.9	84.9	84.9		
>=4000	.9	65.6	77.3	81.7	84.4	84.6	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	86.0	86.0	86.0	86.0		
>=3500	.9	65.8	77.5	81.9	84.5	84.8	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.1	86.1	86.1	86.1		
>=3000	.9	67.3	79.4	83.9	86.7	87.0	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2	88.3	88.3	88.3	88.3		
>=2500	.9	68.0	80.7	85.5	88.5	88.7	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.1	90.1		
>=2000	.9	70.2	83.2	88.5	91.5	91.8	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.3	93.3	93.3	93.3		
>=1800	.9	70.2	83.2	88.5	91.5	91.8	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.1	93.3	93.3	93.3	93.3		
>=1500	.9	70.5	83.8	89.6	92.7	93.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.6	94.6	94.7	94.7	94.7	94.7		
>=1200	.9	71.1	84.4	90.2	93.3	93.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	95.0	95.2	95.3	95.3	95.3	95.3		
>=1000	.9	71.9	85.7	91.7	95.0	95.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.1	97.2	97.4	97.4	97.4	97.4		
>=900	.9	71.9	85.7	91.7	95.2	95.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.4	97.5	97.5	97.5	97.5		
>=800	.9	72.1	86.0	92.0	95.5	95.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.7	97.8	98.0	98.0	98.0	98.0		
>=700	.9	72.2	86.3	92.3	95.9	96.3	97.5	97.7	97.7	97.7	97.7	97.7	97.7	98.1	98.2	98.4	98.4	98.4	98.4		
>=600	.9	72.2	86.4	92.5	96.3	96.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.5	98.8	99.0	99.0	99.0	99.0		
>=500	.9	72.5	86.7	92.8	96.6	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	99.0	99.3	99.4	99.4	99.4	99.4		
>=400	.9	72.5	86.7	92.8	96.6	97.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.6	99.7	99.7	99.7	99.7		
>=300	.9	72.5	86.7	92.8	96.6	97.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	99.3	99.6	99.7	99.7	99.7	99.7		
>=200	.9	72.5	86.7	92.8	96.6	97.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.7	99.9	99.9	99.9	99.9		
>=100	.9	72.5	86.7	92.8	96.6	97.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.7	99.9	99.9	99.9	99.9		
>=0	.9	72.5	86.7	92.8	96.6	97.1	98.5	98.8	98.8	98.8	98.8	98.8	98.8	99.4	99.7	99.9	99.9	99.9	100.0		

TOTAL NO. OF OBS : 684

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUN
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
UNLIMIT	.4	39.1	50.4	56.8	60.0	60.8	62.1	62.4	62.4	63.0	63.4	63.4	63.4	63.4
>=20000	.4	42.6	54.6	61.5	64.9	65.7	67.1	67.3	67.3	68.1	68.5	68.5	68.5	68.5
>=18000	.4	42.8	54.8	61.6	65.0	65.9	67.2	67.5	67.5	68.2	68.7	68.7	68.7	68.7
>=16000	.4	42.8	54.8	61.6	65.0	65.9	67.2	67.5	67.5	68.2	68.7	68.7	68.7	68.7
>=14000	.4	42.9	54.9	61.8	65.2	66.0	67.3	67.6	67.6	68.4	68.8	68.8	68.8	68.8
>=12000	.4	43.6	55.6	62.5	65.9	66.8	68.1	68.4	68.4	69.1	69.5	69.5	69.5	69.5
>=10000	.4	45.4	58.0	65.0	68.4	69.4	71.0	71.3	71.3	72.0	72.5	72.5	72.5	72.5
>= 9000	.4	45.4	58.0	65.0	68.4	69.4	71.0	71.3	71.3	72.0	72.5	72.5	72.5	72.5
>= 8000	.4	48.3	62.2	69.4	72.8	73.9	75.7	76.0	76.0	76.7	77.2	77.2	77.2	77.2
>= 7000	.4	48.8	62.7	70.0	73.4	74.5	76.3	76.6	76.6	77.3	77.7	77.7	77.7	77.7
>= 6000	.4	49.0	63.1	70.4	73.8	75.0	76.7	77.0	77.0	77.7	78.2	78.2	78.2	78.2
>= 5000	.4	49.2	63.4	70.7	74.2	75.4	77.2	77.5	77.5	78.2	78.6	78.6	78.6	78.6
>= 4500	.4	49.8	64.0	71.3	74.8	76.0	77.7	78.0	78.0	78.8	79.2	79.2	79.2	79.2
>= 4000	.4	50.2	64.7	72.2	75.7	76.9	78.6	78.9	78.9	79.6	80.1	80.1	80.1	80.1
>= 3500	.4	50.5	65.2	72.6	76.1	77.3	79.1	79.4	79.4	80.1	80.5	80.5	80.5	80.5
>= 3000	.4	52.3	67.2	75.3	78.9	80.1	82.0	82.3	82.3	83.0	83.5	83.5	83.5	83.5
>= 2500	.4	53.4	69.0	77.5	81.1	82.3	84.2	84.5	84.5	85.2	85.7	85.7	85.7	85.7
>= 2000	.4	55.6	71.6	80.1	83.7	84.9	87.0	87.3	87.3	88.1	88.6	88.6	88.6	88.6
>= 1800	.4	55.8	71.7	80.2	83.9	85.2	87.3	87.6	87.6	88.4	88.9	88.9	88.9	88.9
>= 1500	.4	56.8	73.2	82.4	86.7	88.0	90.0	90.6	90.6	91.7	92.1	92.1	92.1	92.1
>= 1200	.4	57.1	73.5	82.9	87.1	88.4	90.5	91.1	91.1	92.1	92.5	92.5	92.5	92.5
>= 1000	.4	57.8	74.5	84.0	88.9	90.2	92.5	93.3	93.3	94.3	94.7	94.7	94.7	94.7
>= 900	.4	58.0	74.7	84.2	89.0	90.3	92.7	93.4	93.4	94.4	94.9	94.9	94.9	94.9
>= 800	.4	58.4	75.1	84.6	89.5	90.9	93.3	94.0	94.0	95.0	95.5	95.5	95.5	95.5
>= 700	.4	58.4	75.1	84.9	89.8	91.2	93.6	94.3	94.3	95.3	95.8	95.8	95.8	95.8
>= 600	.4	58.7	75.4	85.4	90.2	91.7	94.0	94.7	94.7	95.8	96.2	96.2	96.2	96.2
>= 500	.4	58.9	75.5	85.7	90.5	91.9	94.3	95.0	95.0	96.0	96.6	96.6	96.6	96.6
>= 400	.4	58.9	75.7	85.8	90.6	92.1	94.4	95.3	95.3	96.5	97.4	97.4	97.4	97.4
>= 300	.4	58.9	75.7	85.8	90.6	92.1	94.4	95.3	95.3	96.8	97.7	97.7	97.7	97.7
>= 200	.4	58.9	75.7	85.8	90.6	92.2	94.6	95.6	95.6	97.1	98.1	98.1	98.1	98.1
>= 100	.4	58.9	75.7	85.8	90.6	92.2	94.6	95.6	95.6	97.1	98.1	98.1	98.1	98.1
>= 0	.4	58.9	75.7	85.8	90.6	92.2	94.6	95.6	95.6	97.1	98.1	98.1	98.1	98.1

TOTAL NO. OF OBS : 683

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8
UNLIMIT	6.6	39.1	46.1	49.2	52.4	52.5	53.3	53.6	54.0	54.2
>=20000	6.6	43.6	51.2	54.5	58.0	58.2	59.0	59.5	59.8	60.0
>=18000	6.6	43.7	51.3	54.6	58.1	58.3	59.1	59.6	59.9	60.1
>=16000	6.6	43.7	51.3	54.6	58.1	58.3	59.1	59.6	59.9	60.1
>=14000	6.8	44.3	52.1	55.4	58.9	59.1	59.9	60.4	60.7	60.9
>=12000	7.3	45.8	53.6	57.2	61.0	61.3	62.0	62.5	62.8	63.0
>=10000	8.1	50.3	58.7	62.3	66.2	66.4	67.2	67.6	68.0	68.2
>=9000	8.1	50.4	58.8	62.5	66.4	66.6	67.4	67.9	68.2	68.4
>=8000	8.4	53.4	62.3	66.2	70.1	70.4	71.2	71.7	72.1	72.3
>=7000	8.5	54.1	63.2	67.1	71.2	71.6	72.3	72.8	73.2	73.5
>=6000	8.6	54.4	63.5	67.5	71.7	72.0	72.8	73.2	73.7	73.9
>=5000	8.6	55.2	64.3	68.3	72.5	72.8	73.6	74.0	74.5	74.7
>=4500	8.7	55.5	64.6	68.8	72.9	73.2	74.0	74.5	74.9	75.1
>=4000	9.1	56.6	65.6	69.8	74.0	74.4	75.1	75.6	76.0	76.3
>=3500	9.1	56.6	65.8	70.0	74.2	74.6	75.5	75.9	76.4	76.6
>=3000	9.1	57.9	67.3	71.9	76.3	76.6	77.6	78.1	78.5	78.7
>=2500	9.4	59.2	69.2	74.4	78.7	79.1	80.1	80.6	81.1	81.3
>=2000	9.6	60.4	70.5	76.0	80.5	80.9	82.0	82.5	83.0	83.2
>=1800	9.6	60.5	70.8	76.3	80.7	81.1	82.2	82.8	83.2	83.4
>=1500	9.7	61.8	72.3	78.2	82.8	83.1	84.4	85.2	85.7	85.9
>=1200	9.9	62.4	73.1	79.1	83.7	84.0	85.3	86.1	86.6	86.8
>=1000	10.0	62.9	74.1	80.4	85.2	85.6	87.2	88.0	88.5	88.7
>=900	10.0	62.9	74.1	80.4	85.3	85.7	87.5	88.2	88.7	88.9
>=800	10.1	63.3	74.7	81.2	86.2	86.6	88.6	89.4	89.9	90.1
>=700	10.1	63.7	75.3	81.9	87.0	87.3	89.5	90.3	90.8	91.0
>=600	10.3	64.3	76.1	83.1	88.4	88.7	90.9	91.7	92.3	92.5
>=500	10.3	64.8	76.9	84.0	89.8	90.1	92.8	93.7	94.4	94.6
>=400	10.4	64.9	77.2	84.4	90.4	90.7	93.5	94.6	95.6	96.1
>=300	10.4	64.9	77.3	84.5	90.6	90.9	93.7	95.0	96.0	96.5
>=200	10.4	64.9	77.3	84.5	90.6	90.9	93.7	95.0	96.1	96.8
>=100	10.4	64.9	77.3	84.5	90.6	90.9	93.7	95.0	96.1	96.8
>=0	10.4	64.9	77.3	84.5	90.6	90.9	93.7	95.0	96.1	96.8

TOTAL NO. OF OBS : 893

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	9.5	42.5	46.7	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
>=20000	9.6	47.8	52.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	9.7	48.4	53.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=16000	9.7	48.4	53.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=14000	9.9	48.6	53.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=12000	10.9	50.5	55.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
>=10000	11.5	53.2	58.3	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>= 9000	11.5	53.3	58.4	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 8000	11.9	55.4	61.3	62.8	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>= 7000	12.2	55.8	61.8	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>= 6000	12.2	56.0	62.1	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 5000	12.5	56.5	62.6	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 4500	12.6	56.8	63.0	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 4000	12.8	57.6	63.8	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>= 3500	13.1	58.3	64.6	66.6	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 3000	14.0	62.5	69.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 2500	14.9	67.3	74.6	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
>= 2000	16.6	72.1	80.0	82.5	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>= 1800	16.9	72.7	80.6	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>= 1500	17.7	76.0	84.2	86.9	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 1200	18.7	77.8	86.7	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1000	19.8	80.8	89.8	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 900	19.8	81.2	90.2	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
>= 800	19.8	82.1	91.3	94.1	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 700	19.9	82.3	91.5	94.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>= 600	19.9	82.5	91.8	95.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 500	20.0	82.6	92.1	95.9	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 400	20.0	82.6	92.2	96.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 300	20.1	82.8	92.3	96.2	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>= 200	20.1	82.8	92.3	96.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 100	20.1	82.8	92.3	96.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 0	20.1	82.8	92.3	96.3	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NO. OF OBS : 899

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4
UNLIMIT	9.1	33.8	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
>=20000	9.2	41.2	43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
>=18000	9.2	41.4	43.5	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
>=16000	9.4	41.6	43.8	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
>=14000	9.8	42.1	44.2	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
>=12000	10.3	44.1	46.2	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
>=10000	11.1	46.6	48.8	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
>= 9000	11.1	46.7	49.0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
>= 8000	11.8	50.1	52.5	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>= 7000	11.9	50.3	53.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>= 6000	11.9	50.4	53.1	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>= 5000	12.3	51.2	54.0	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>= 4500	12.5	51.5	54.3	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>= 4000	12.8	53.0	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>= 3500	13.8	55.8	58.6	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>= 3000	15.9	64.2	67.7	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 2500	16.5	74.0	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 2000	21.1	81.0	85.7	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2
>= 1800	21.2	81.5	86.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 1500	22.9	85.6	91.0	92.4	92.7	92.9	92.9	92.9	93.0	93.0	93.0
>= 1200	22.9	86.5	92.4	93.7	94.2	94.4	94.4	94.4	94.5	94.5	94.5
>= 1000	23.2	88.1	94.3	95.8	96.5	96.7	96.7	96.7	96.9	96.9	96.9
>= 900	23.2	88.3	94.5	96.1	97.0	97.2	97.2	97.2	97.3	97.3	97.3
>= 800	23.3	88.7	94.8	96.4	97.4	97.6	97.6	97.6	97.7	97.7	97.7
>= 700	23.3	88.9	95.3	96.9	97.9	98.1	98.1	98.2	98.3	98.3	98.3
>= 600	23.3	89.0	95.6	97.3	98.4	98.7	98.8	98.8	99.0	99.0	99.0
>= 500	23.3	89.0	95.8	97.5	98.7	98.9	99.0	99.0	99.3	99.3	99.3
>= 400	23.3	89.1	96.0	97.6	98.8	99.1	99.3	99.3	99.7	99.7	99.7
>= 300	23.3	89.1	96.1	97.9	99.0	99.3	99.6	99.6	100.0	100.0	100.0
>= 200	23.3	89.1	96.1	97.9	99.0	99.3	99.6	99.6	100.0	100.0	100.0
>= 100	23.3	89.1	96.1	97.9	99.0	99.3	99.6	99.6	100.0	100.0	100.0
>= 0	23.3	89.1	96.1	97.9	99.0	99.3	99.6	99.6	100.0	100.0	100.0

TOTAL NO. OF OBS : 891

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 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
UNLIMIT	10.4	38.6	40.4	41.0	41.1	41.1	41.1	41.1	41.1	41.1
>=20000	11.2	48.3	50.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0
>=18000	11.2	49.0	51.0	51.7	51.9	51.9	51.9	51.9	51.9	51.9
>=16000	11.2	49.1	51.3	51.9	52.2	52.2	52.2	52.2	52.2	52.2
>=14000	11.4	49.7	51.8	52.5	52.7	52.7	52.7	52.7	52.7	52.7
>=12000	12.2	51.8	54.0	54.7	54.9	54.9	54.9	54.9	54.9	54.9
>=10000	13.3	55.6	58.0	58.7	58.9	58.9	58.9	58.9	58.9	58.9
>= 9000	13.3	55.9	58.4	59.0	59.3	59.3	59.3	59.3	59.3	59.3
>= 8000	13.6	59.2	61.8	62.5	62.7	62.8	62.8	62.8	62.8	62.8
>= 7000	13.6	60.0	62.7	63.5	63.7	63.8	63.8	63.8	63.8	63.8
>= 6000	13.6	60.1	62.9	63.7	64.0	64.1	64.1	64.1	64.1	64.1
>= 5000	14.1	61.4	64.3	65.2	65.4	65.6	65.6	65.6	65.6	65.6
>= 4500	14.3	61.8	64.6	65.6	65.8	65.9	65.9	65.9	65.9	65.9
>= 4000	15.0	64.3	67.3	68.3	68.5	68.6	68.6	68.6	68.6	68.6
>= 3500	15.3	65.1	68.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6
>= 3000	17.3	73.0	76.5	77.7	78.0	78.1	78.1	78.3	78.3	78.3
>= 2500	18.9	78.7	82.6	84.0	84.4	84.7	84.7	84.8	84.9	84.9
>= 2000	20.0	83.2	87.6	89.1	89.6	89.8	89.9	90.0	90.2	90.2
>= 1800	20.0	83.5	88.0	89.5	89.9	90.2	90.3	90.4	90.5	90.5
>= 1500	20.9	86.2	91.3	93.0	93.7	93.9	94.1	94.2	94.3	94.3
>= 1200	20.9	86.6	91.8	93.6	94.3	94.5	94.6	94.7	94.9	94.9
>= 1000	21.3	88.1	93.5	95.5	96.2	96.6	96.7	96.8	96.9	96.9
>= 900	21.3	88.2	93.6	95.8	96.5	96.8	97.0	97.1	97.3	97.3
>= 800	21.3	88.4	93.8	96.2	96.9	97.3	97.5	97.6	97.8	97.8
>= 700	21.3	88.7	94.2	96.6	97.3	97.6	97.8	98.1	98.3	98.3
>= 600	21.3	88.8	94.5	96.9	97.6	97.8	98.4	98.6	98.9	98.9
>= 500	21.3	88.8	94.6	97.0	97.7	97.9	98.7	99.0	99.2	99.2
>= 400	21.3	88.8	94.6	97.0	97.8	98.2	98.5	99.1	99.3	99.3
>= 300	21.3	88.9	94.7	97.1	97.9	98.3	98.6	99.2	99.4	99.4
>= 200	21.3	88.9	94.7	97.1	97.9	98.6	99.2	99.2	99.4	99.4
>= 100	21.3	88.9	94.7	97.1	97.9	98.3	98.6	99.2	99.4	99.4
>= 0	21.3	88.9	94.7	97.1	97.9	98.3	98.6	99.2	99.4	99.4

TOTAL NO. OF OBS : 874

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
UNLIMIT	10.5	47.5	49.8	51.0	51.5	51.5	51.5	51.6	51.6	51.6
>=20000	10.8	55.3	58.5	59.8	60.4	60.4	60.4	60.5	60.5	60.5
>=18000	10.8	55.6	58.8	60.2	60.8	60.8	60.8	60.9	60.9	60.9
>=16000	10.9	55.8	59.2	60.5	61.1	61.1	61.1	61.3	61.3	61.3
>=14000	11.4	56.8	60.2	61.7	62.3	62.3	62.3	62.5	62.5	62.5
>=12000	11.7	58.8	62.5	64.0	64.6	64.6	64.6	64.8	64.8	64.8
>=10000	13.0	63.1	67.3	69.1	69.7	69.7	69.7	69.9	69.9	69.9
>= 9000	13.1	63.3	67.6	69.4	70.0	70.0	70.0	70.1	70.1	70.1
>= 8000	14.2	68.3	72.9	74.9	75.5	75.5	75.5	75.7	75.7	75.7
>= 7000	14.2	69.5	74.1	76.3	76.9	76.9	76.9	77.0	77.0	77.0
>= 6000	14.3	69.6	74.2	76.4	77.0	77.0	77.0	77.1	77.1	77.1
>= 5000	14.3	70.1	74.8	77.0	77.6	77.6	77.6	77.7	77.7	77.7
>= 4500	14.4	70.3	75.1	77.2	77.8	77.8	77.8	78.0	78.0	78.0
>= 4000	14.5	71.3	76.0	78.3	78.9	78.9	78.9	79.1	79.1	79.1
>= 3500	14.6	73.1	77.8	80.1	80.9	80.9	80.9	81.0	81.0	81.0
>= 3000	15.0	76.3	81.4	84.0	84.7	84.7	84.7	85.1	85.1	85.1
>= 2500	15.3	78.6	83.8	86.7	87.5	87.5	87.5	87.9	87.9	87.9
>= 2000	15.9	81.4	87.0	90.2	91.2	91.2	91.2	91.6	91.6	91.6
>= 1800	15.9	81.5	87.2	90.3	91.3	91.3	91.3	91.8	91.8	91.8
>= 1500	16.0	83.7	89.8	93.0	94.1	94.1	94.1	94.6	94.6	94.6
>= 1200	16.1	84.4	90.6	93.8	95.0	95.0	95.0	95.5	95.5	95.5
>= 1000	16.1	85.4	91.5	95.3	96.9	96.9	96.9	97.5	97.5	97.5
>= 900	16.1	85.5	91.8	95.5	97.2	97.2	97.2	97.8	97.8	97.8
>= 800	16.1	85.6	92.0	95.9	97.6	97.6	97.6	98.4	98.4	98.4
>= 700	16.1	85.7	92.4	96.2	97.9	97.9	97.9	98.8	98.8	98.8
>= 600	16.1	86.0	92.7	96.6	98.3	98.3	98.3	99.2	99.2	99.2
>= 500	16.1	86.0	92.7	96.7	98.4	98.4	98.4	99.3	99.3	99.3
>= 400	16.1	86.0	92.9	96.9	98.5	98.5	98.5	99.5	99.5	99.5
>= 300	16.1	86.0	92.9	96.9	98.5	98.5	98.5	99.5	99.5	99.5
>= 200	16.1	86.0	92.9	96.9	98.5	98.5	98.5	99.6	99.6	99.6
>= 100	16.1	86.0	92.9	96.9	98.5	98.5	98.5	99.6	99.6	99.6
>= 0	16.1	86.0	92.9	96.9	98.5	98.5	98.5	99.6	99.6	99.6

TOTAL NO. OF OBS : 826

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	
UNLIMIT	2.6	54.2	60.5	63.3	64.2	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=20000	2.6	60.0	66.8	69.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=18000	2.6	60.0	66.8	69.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=16000	2.6	60.0	66.8	69.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=14000	2.6	60.1	66.9	70.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>=12000	2.7	60.8	67.6	71.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=10000	2.7	63.6	70.8	74.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>=9000	2.7	63.9	71.1	74.7	75.7	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>=8000	2.9	67.9	75.4	79.5	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>=7000	2.9	68.9	76.4	80.5	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
>=6000	2.9	69.5	77.2	81.2	82.4	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>=5000	2.9	69.9	77.6	81.6	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=4500	2.9	70.2	77.9	81.9	83.1	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>=4000	2.9	71.2	78.9	82.9	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>=3500	2.9	71.8	79.5	83.7	84.8	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>=3000	2.9	74.1	82.2	86.4	87.9	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>=2500	2.9	76.2	84.5	88.9	90.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>=2000	2.9	78.2	86.7	91.6	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=1800	2.9	78.2	86.7	91.6	93.4	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>=1500	2.9	79.0	88.0	93.1	95.1	95.4	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>=1200	2.9	79.5	88.4	93.5	95.7	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	2.9	79.9	89.3	94.7	97.1	97.4	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=900	2.9	80.2	89.6	94.9	97.4	97.7	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=800	2.9	80.3	89.9	95.2	97.7	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=700	2.9	80.5	90.2	95.5	98.0	98.3	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1
>=600	2.9	80.5	90.2	95.7	98.1	98.4	99.0	99.1	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3
>=500	2.9	80.6	90.3	95.8	98.3	98.6	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
>=400	2.9	80.8	90.6	96.1	98.6	98.8	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7
>=300	2.9	80.8	90.8	96.2	98.7	99.0	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
>=200	2.9	80.8	90.8	96.2	98.8	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=100	2.9	80.8	90.8	96.2	98.8	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
>=0	2.9	80.8	90.8	96.2	98.8	99.1	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 692

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUN
 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	6.7	42.9	48.2	50.3	51.5	51.6	52.0	52.1	52.1	52.2
>=20000	6.8	49.0	54.8	57.2	58.5	58.6	59.0	59.1	59.1	59.3
>=18000	6.9	49.3	55.2	57.6	58.9	59.0	59.4	59.5	59.5	59.6
>=16000	6.9	49.4	55.3	57.7	59.0	59.1	59.5	59.6	59.6	59.7
>=14000	7.1	49.8	55.7	58.2	59.5	59.6	60.0	60.1	60.2	60.3
>=12000	7.6	51.4	57.3	59.9	61.2	61.4	61.7	61.9	62.0	62.1
>=10000	8.1	54.6	60.9	63.6	64.9	65.1	65.5	65.7	65.8	66.0
>= 9000	8.2	54.8	61.1	63.8	65.2	65.4	65.8	65.9	66.0	66.2
>= 8000	8.6	58.0	64.9	67.7	69.1	69.4	69.8	69.9	70.1	70.2
>= 7000	8.6	58.7	65.6	68.6	70.0	70.2	70.7	70.8	70.9	71.0
>= 6000	8.7	58.9	65.9	68.9	70.3	70.5	71.0	71.1	71.2	71.3
>= 5000	8.8	59.5	66.6	69.5	71.0	71.3	71.7	71.8	71.9	72.1
>= 4500	8.9	59.8	66.9	69.9	71.4	71.6	72.0	72.2	72.3	72.4
>= 4000	9.2	61.0	68.1	71.2	72.7	72.9	73.4	73.5	73.6	73.8
>= 3500	9.4	62.0	69.2	72.2	73.8	74.0	74.4	74.6	74.7	74.9
>= 3000	10.1	66.0	73.5	76.9	78.5	78.7	79.3	79.4	79.6	79.7
>= 2500	10.9	69.7	77.7	81.4	83.1	83.3	83.9	84.0	84.2	84.3
>= 2000	11.8	73.1	81.6	85.5	87.3	87.5	88.2	88.3	88.5	88.7
>= 1800	11.8	73.3	81.9	85.7	87.5	87.8	88.5	88.6	88.8	88.9
>= 1500	12.3	75.4	84.4	88.5	90.5	90.8	91.5	91.8	92.0	92.1
>= 1200	12.5	76.2	85.3	89.5	91.6	91.8	92.5	92.8	93.0	93.2
>= 1000	12.8	77.4	86.9	91.3	93.6	93.9	94.7	95.0	95.2	95.3
>= 900	12.8	77.6	87.0	91.5	93.9	94.1	95.1	95.4	95.6	95.7
>= 800	12.8	77.9	87.5	92.0	94.5	94.8	95.7	96.0	96.3	96.4
>= 700	12.8	78.1	87.8	92.4	94.9	95.2	96.2	96.5	96.8	96.9
>= 600	12.8	78.3	88.2	93.0	95.5	95.9	96.9	97.2	97.5	97.6
>= 500	12.9	78.5	88.4	93.3	96.0	96.3	97.4	97.8	98.2	98.3
>= 400	12.9	78.5	88.5	93.5	96.2	96.6	97.7	98.2	98.6	98.8
>= 300	12.9	78.6	88.6	93.6	96.3	96.7	97.9	98.3	98.8	99.0
>= 200	12.9	78.6	88.6	93.6	96.3	96.7	97.9	98.4	98.9	99.2
>= 100	12.9	78.6	88.6	93.6	96.3	96.7	97.9	98.4	98.9	99.2
>= 0	12.9	78.6	88.6	93.6	96.3	96.7	97.9	98.4	98.9	99.2

TOTAL NO. OF OBS : 6442

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 0100 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	2.4	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.3					
NNE	.9	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.4	4.2					
NE	1.3	1.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.5					
ENE	.7	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.4					
E	1.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.7					
ESE	.3	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.6					
SE	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.5					
SSE	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.5					
S	3.8	3.0	.8	.3	.0	.0	.0	.0	.0	.0	.0	7.8	4.2					
SSW	4.0	4.9	.8	.3	.0	.0	.0	.0	.0	.0	.0	10.0	4.2					
SW	6.5	4.7	1.6	.0	.0	.0	.0	.0	.0	.0	.0	12.8	3.9					
WSW	4.2	4.4	1.8	.1	.0	.0	.0	.0	.0	.0	.0	10.5	4.5					
W	2.7	2.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.3	3.8					
WNW	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.9					
NW	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.0					
NNW	1.2	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.1					
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	31.8	.0					
ALL	31.9	28.2	7.1	.9	.0	.0	.0	.0	.0	.0	.0	103.0	2.8					

TOTAL NO. OF OBS : 742

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 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	2.3	2.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	3.8
NNE	2.0	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.1
NE	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.8
ENE	.9	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.1
E	.3	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.1
ESE	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.5
SE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.0
SSE	.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.5
S	2.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	2.9
SSW	3.9	2.7	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	4.7
SW	5.1	4.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	3.7
WSW	5.6	6.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.7	4.1
W	3.1	3.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	4.0
WNW	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	2.8
NW	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.7
NNW	1.5	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.4
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	33.7	.0
ALL	51.2	28.0	6.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.6

TOTAL NO. OF OBS : 744

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 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	3.2	2.8	1.3	.2	.0	.0	.0	.0	.0	.0	.0	7.4	4.4
NNE	1.5	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.0	5.0
NE	2.8	2.4	1.3	.1	.0	.0	.0	.0	.0	.0	.0	6.6	4.5
ENE	1.2	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.1
E	1.5	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.0
ESE	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.5
SE	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.7
SSE	.5	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	4.4
S	1.5	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.2
SSW	2.1	2.4	.7	.2	.0	.0	.0	.0	.0	.0	.0	5.5	4.7
SW	3.4	5.2	3.8	.3	.0	.0	.0	.0	.0	.0	.0	12.7	5.3
WSW	2.8	6.3	4.3	.4	.0	.0	.0	.0	.0	.0	.0	13.8	5.6
W	4.2	5.8	2.5	.1	.0	.0	.0	.0	.0	.0	.0	12.7	4.7
WNW	1.8	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.7
NW	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.3
NNW	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.0
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	18.4	.0
ALL	28.7	34.2	17.1	1.6	.0	.0	.0	.0	.0	.0	.0	100.0	3.9

TOTAL NO. OF OBS : 944

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 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	SPEED (KNOTS)					TOTAL	MEAN	
									22-27	28-33	34-40	41-47	48-55	>=56	%	WIND SPEED
N		.7	2.9			1.5	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.7
NNE		1.2	1.8			.9	.4	.0	.0	.0	.0	.0	.0	.0	4.3	5.4
NE		.7	2.0			1.6	.5	.0	.0	.0	.0	.0	.0	.0	4.9	6.5
ENE		1.7	2.2			1.2	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.1
E		2.7	3.4			.9	.3	.0	.0	.0	.0	.0	.0	.0	7.2	4.6
ESE		2.3	1.0			1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.6
SE		1.1	1.0			.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.0
SSE		1.0	.9			.2	.1	.0	.0	.0	.0	.0	.0	.0	2.1	4.3
S		1.7	2.1			1.6	.4	.0	.0	.0	.0	.0	.0	.0	5.8	5.5
SSW		1.6	2.0			2.7	.2	.0	.0	.0	.0	.0	.0	.0	6.5	6.2
SW		1.9	3.2			3.5	1.2	.1	.0	.0	.0	.0	.0	.0	9.9	6.8
WSW		1.8	4.5			5.7	1.1	.0	.0	.0	.0	.0	.0	.0	13.1	6.8
W		2.4	5.3			5.4	.4	.0	.0	.0	.0	.0	.0	.0	13.6	6.1
WNW		1.4	2.1			1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.8
NW		1.2	1.4			.2	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.1
NNW		.7	1.7			.3	.0	.1	.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	5.4	.0
ALL		24.1	37.4			27.9	4.9	.2	.0	.0	.0	.0	.0	.0	100.0	5.4

TOTAL NO. OF OBS : 941

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 1300 LST

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

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56						
N	.4	1.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.9				
NNE	.5	.7	1.0	.1	.0	.0	.0	.0	.0	.0	.0	2.3	6.5				
NE	.5	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.9				
ENE	1.3	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.7				
E	2.0	1.9	1.7	.2	.0	.0	.0	.0	.0	.0	.0	5.8	5.4				
ESE	1.8	2.5	1.4	.1	.1	.0	.0	.0	.0	.0	.0	5.9	5.3				
SE	1.2	3.0	1.8	.1	.0	.0	.0	.0	.0	.0	.0	6.0	5.7				
SSE	1.3	3.4	4.6	.2	.1	.0	.0	.0	.0	.0	.0	9.5	6.6				
S	.8	4.5	6.9	1.3	.0	.0	.0	.0	.0	.0	.0	13.5	7.4				
SSW	1.2	1.7	3.3	1.7	.3	.0	.0	.0	.0	.0	.0	8.2	8.2				
SW	1.0	3.2	3.4	.6	.0	.1	.0	.0	.0	.0	.0	8.3	7.2				
WSW	1.0	3.4	3.4	1.6	.0	.0	.0	.0	.0	.0	.0	9.3	7.3				
W	1.5	3.6	4.2	.5	.0	.0	.0	.0	.0	.0	.0	9.9	6.6				
WNW	.8	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1	5.0				
NW	.5	.3	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.8				
NNW	.6	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.2	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	4.2	.0				
ALL	16.4	35.4	36.5	6.8	.5	.1	.0	.0	.0	.0	.0	100.0	6.3				

TOTAL NO. OF OBS : 943

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 1600 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	%			SPEED			
N	1.1	2.0				.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.7		5.2			
NNE	.2	1.2				.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.4		6.6			
NE	.2	1.7				.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.0		6.4			
ENE	.2					.6	.0	.0	.0	.0	.0	.0	.0	.0	.0			6.0			
E	.6	1.7				1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4		6.0			
ESE	.4	1.4				1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6		7.1			
SE	.6	3.7				1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.6		6.0			
SSE	.4	4.1				4.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	9.9		6.9			
S	2.1	7.1				15.3	3.6	.2	.1	.0	.0	.0	.0	.0	.0	28.4		7.9			
SSW	.8	3.5				6.0	2.8	.2	.0	.0	.0	.0	.0	.0	.0	13.4		8.3			
SW	.3	2.0				2.4	1.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7		7.7			
WSW	.6	1.4				2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	5.0		7.3			
W	.2	2.2				2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.0		6.9			
WNW	.7	.8				1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7		6.3			
NW	.4	.5				.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4		5.5			
NNW	.2	.5				.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3		6.3			
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	2.4		.0			
ALL	9.3	34.5				42.5	10.6	.5	.1	.0	.0	.0	.0	.0	.0	100.0		7.0			

TOTAL NO. OF OBS : 943

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 1900 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	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	4.7
NNE	.8	1.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	4.9
NE	.6	1.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	5.4
ENE	.6	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	5.5
E	.7	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	5.9
ESE	.1	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	6.0
SE	1.3	1.9	1.1	.0	.1	.0	.0	.0	.0	.0	.0	5.2
SSE	4.0	3.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	4.0
S	7.5	13.1	4.9	.6	.0	.0	.0	.0	.0	.0	.0	4.9
SSW	3.6	8.8	4.0	.8	.0	.0	.0	.0	.0	.0	.0	5.4
SW	1.7	4.9	2.4	.3	.0	.0	.0	.0	.0	.0	.0	5.5
WSW	1.3	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	4.9
W	1.5	2.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.2
WNW	.3	.8	.1	.2	.0	.0	.0	.0	.0	.0	.0	5.8
NW	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.0
NNW	.0	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	7.2
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	25.8	46.5	18.1	3.2	.1	.0	.0	.0	.0	.0	.0	4.8

TOTAL NO. OF OBS : 907

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 2200 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 WIND SPEED
DIR.																		
N	.9		1.1		.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.1
NNE	1.1		1.2		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.1
NE	.9		.8		.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.7
ENE	1.3		1.5		.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.3
E	2.1		1.8		1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	4.7
ESE	.8		1.1		.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.6
SE	1.3		.3		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.1
SSE	1.8		.5		.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.4
S	6.7		4.0		.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.4	3.4
SSW	6.3		5.4		2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.1	4.3
SW	6.3		5.5		2.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5	4.3
WSW	2.9		4.2		1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	4.7
W	2.1		1.7		.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.1
WNW	.8		.1		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.7
NW	.0		.1		.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	7.0
NNW	.3		.5		.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
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	22.2	.0
ALL	35.8	29.9			11.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.3

TOTAL NO. OF OBS : 757

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : ALL

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	1.5	2.1	.7	.1	.0*	.0	.0	.0	.0	.0	.0	4.5	4.7	4.7	
NNE	1.0	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	3.1	5.1	5.1	
NE	1.1	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.7	5.3	5.3	
ENE	1.0	1.3	.6	.0*	.0	.0	.0	.0	.0	.0	.0	2.8	4.8	4.8	
E	1.3	1.7	1.0	.1	.0	.0	.0	.0	.0	.0	.0	4.1	5.1	5.1	
ESE	.9	1.1	.7	.1	.0*	.0	.0	.0	.0	.0	.0	2.8	5.3	5.3	
SE	.8	1.4	.7	.1	.0*	.0	.0	.0	.0	.0	.0	3.0	5.2	5.2	
SSE	1.4	1.7	1.3	.2	.0*	.0	.0	.0	.0	.0	.0	4.6	5.5	5.5	
S	3.2	4.7	4.1	.8	.0*	.0	.0	.0	.0	.0	.0	12.9	5.9	5.9	
SSW	2.8	3.9	2.8	.8	.1	.0	.0	.0	.0	.0	.0	10.4	5.4	5.4	
SW	3.0	4.0	2.6	.5	.0*	.0	.0	.0	.0	.0	.0	10.2	5.7	5.7	
WSW	2.4	4.0	2.8	.6	.0	.0	.0	.0	.0	.0	.0	8.0	5.3	5.3	
W	2.2	3.4	2.1	.2	.0	.0	.0	.0	.0	.0	.0	2.5	4.7	4.7	
WNW	.9	1.1	.4	.0*	.0	.0	.0	.0	.0	.0	.0	1.3	4.3	4.3	
NW	.6	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	2.0	5.0	5.0	
NNW	.7	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	.0	.0	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.6	4.6	
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0				
ALL	24.8	34.7	22.0	3.9	.2	.0*	.0	.0	.0	.0	.0				

TOTAL NO. OF OBS : 6921

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JUL
 HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	VISIBILITY (STATUTE MILES)														
					>=3	>=2	1/2	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	2.3	48.0	56.0	60.4	61.6	61.6	62.2	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.7	
>=20000	2.3	51.9	61.1	66.4	67.9	67.9	68.4	68.4	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.1	
>=18000	2.3	51.9	61.2	66.5	68.0	68.0	68.6	68.6	68.6	68.6	68.6	69.1	69.1	69.3	69.3	69.3	69.3	69.4	
>=16000	2.3	51.9	61.2	66.5	68.0	68.0	68.6	68.6	68.6	68.6	68.6	69.1	69.3	69.3	69.3	69.3	69.3	69.4	
>=14000	2.3	52.0	61.3	66.7	68.2	68.2	68.7	68.7	68.7	68.7	68.7	69.3	69.4	69.4	69.4	69.4	69.4	69.5	
>=12000	2.3	52.9	62.3	67.8	69.3	69.3	69.8	69.8	69.8	69.8	69.8	70.4	70.5	70.5	70.5	70.5	70.5	70.6	
>=10000	2.9	57.7	68.3	74.0	75.5	75.5	76.1	76.1	76.1	76.1	76.1	76.6	76.8	76.8	76.8	76.8	76.9	77.0	
>= 9000	2.9	57.8	68.4	74.2	75.7	75.7	76.2	76.2	76.2	76.2	76.2	76.8	76.9	76.9	76.9	76.9	77.0	77.1	
>= 8000	3.0	61.2	73.0	79.2	80.9	80.9	81.6	81.6	81.6	81.6	81.6	82.1	82.2	82.2	82.2	82.2	82.4	82.4	
>= 7000	3.0	61.7	73.6	80.1	81.7	81.7	82.4	82.4	82.4	82.4	82.4	82.9	83.1	83.1	83.1	83.1	83.2	83.2	
>= 6000	3.0	62.0	74.0	80.5	82.1	82.2	82.9	82.9	82.9	82.9	82.9	83.5	83.6	83.6	83.6	83.6	83.7	83.7	
>= 5000	3.0	62.4	74.9	81.3	82.9	83.1	83.7	83.7	83.7	83.7	83.7	84.3	84.4	84.4	84.4	84.4	84.6	84.6	
>= 4500	3.0	62.8	75.3	81.7	83.3	83.5	84.2	84.2	84.2	84.2	84.2	84.7	84.8	84.8	84.8	84.8	85.0	85.0	
>= 4000	3.0	63.4	75.8	82.4	84.0	84.2	84.8	84.8	84.8	84.8	84.8	85.4	85.5	85.5	85.5	85.5	85.7	85.7	
>= 3500	3.0	63.5	76.1	82.8	84.4	84.6	85.2	85.2	85.2	85.2	85.2	85.8	85.9	85.9	85.9	85.9	86.1	86.1	
>= 3000	3.0	66.4	79.6	86.3	88.3	88.4	89.1	89.1	89.1	89.1	89.1	89.6	89.8	89.8	89.8	89.8	89.9	89.9	
>= 2500	3.0	67.8	82.0	88.8	90.8	91.0	91.8	91.8	91.8	91.8	91.8	92.3	92.5	92.5	92.5	92.5	92.6	92.6	
>= 2000	3.0	68.7	82.9	89.9	91.9	92.2	93.2	93.2	93.2	93.2	93.2	93.7	93.9	93.9	93.9	93.9	94.0	94.0	
>= 1800	3.0	68.9	83.1	90.0	92.1	92.3	93.3	93.3	93.3	93.3	93.3	93.9	94.0	94.0	94.0	94.0	94.1	94.1	
>= 1500	3.0	70.1	84.8	91.9	94.1	94.4	95.5	95.5	95.5	95.5	95.5	96.0	96.2	96.2	96.2	96.2	96.3	96.3	
>= 1200	3.0	70.4	85.1	92.2	94.4	94.8	95.9	95.9	95.9	95.9	95.9	96.4	96.6	96.6	96.6	96.6	96.7	96.7	
>= 1000	3.0	70.5	85.8	93.2	95.6	96.0	97.3	97.3	97.3	97.3	97.3	97.8	98.0	98.0	98.0	98.0	98.1	98.1	
>= 900	3.0	70.5	85.8	93.2	95.8	96.2	97.4	97.4	97.4	97.4	97.4	98.0	98.1	98.1	98.1	98.1	98.2	98.2	
>= 800	3.0	70.5	85.8	93.2	95.8	96.2	97.7	97.7	97.7	97.7	97.7	98.2	98.4	98.4	98.4	98.4	98.5	98.5	
>= 700	3.0	70.5	85.9	93.4	96.2	96.6	98.1	98.1	98.1	98.1	98.1	98.6	98.8	98.8	98.8	98.8	98.9	98.9	
>= 600	3.0	70.5	85.9	93.4	96.2	96.6	98.4	98.4	98.4	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.2	99.2	
>= 500	3.0	70.6	86.1	93.7	96.4	96.9	98.6	98.6	98.6	98.6	98.6	99.2	99.3	99.3	99.3	99.3	99.5	99.5	
>= 400	3.0	70.6	86.2	94.0	96.7	97.1	98.9	98.9	98.9	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.7	99.7	
>= 300	3.0	70.8	86.3	94.1	97.0	97.4	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
>= 200	3.0	70.8	86.3	94.1	97.0	97.4	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
>= 100	3.0	70.8	86.3	94.1	97.0	97.4	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	
>= 0	3.0	70.8	86.3	94.1	97.0	97.4	99.2	99.2	99.2	99.2	99.2	99.7	99.9	99.9	99.9	99.9	100.0	100.0	

TOTAL NO. OF OBS : 732

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL
HOUR : 0000 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
UNLIMIT	1.4	40.4	50.5	58.9	61.1	61.3	62.6	62.6	62.6	62.8
>=20000	1.4	43.3	54.2	63.5	66.4	66.8	68.4	68.4	68.4	69.0
>=18000	1.4	41.3	54.4	63.7	66.5	66.9	68.6	68.6	68.6	69.1
>=16000	1.4	43.3	54.4	63.7	66.5	66.9	68.6	68.6	68.6	69.1
>=14000	1.4	43.3	54.4	63.7	66.5	66.9	68.6	68.6	68.6	69.1
>=12000	1.4	44.0	55.2	64.5	67.3	67.8	69.4	69.4	69.4	69.9
>=10000	1.6	46.9	59.6	69.7	72.7	73.1	74.9	74.9	74.9	75.5
>= 9000	1.6	47.0	59.7	69.9	73.0	73.4	75.1	75.1	75.1	75.8
>= 8000	2.0	49.3	63.7	74.2	77.3	77.7	79.6	79.6	80.3	80.7
>= 7000	2.0	49.6	63.9	74.6	77.7	78.1	80.1	80.1	80.7	81.3
>= 6000	2.0	49.9	64.2	74.9	78.0	78.4	80.3	80.3	81.0	81.4
>= 5000	2.0	50.3	64.6	75.3	78.4	78.8	80.7	80.7	81.4	81.8
>= 4500	2.0	50.4	64.8	75.4	78.6	79.0	80.9	80.9	81.6	82.0
>= 4000	2.0	50.5	65.2	75.8	79.0	79.4	81.3	81.3	82.0	82.4
>= 3500	2.0	51.1	65.7	76.6	79.8	80.2	82.1	82.1	82.8	83.2
>= 3000	2.0	53.0	68.3	79.8	82.9	83.5	85.7	85.9	86.6	87.0
>= 2500	2.0	54.8	70.6	82.9	86.3	86.9	89.3	89.6	90.3	90.7
>= 2000	2.0	55.3	71.4	84.0	87.6	88.1	90.6	90.8	91.5	91.9
>= 1800	2.0	55.3	71.6	84.2	87.7	88.3	90.7	91.0	91.7	92.1
>= 1500	2.0	55.9	72.5	85.8	89.6	90.2	92.6	92.9	93.6	94.0
>= 1200	2.0	56.0	72.7	85.9	89.9	90.4	92.9	93.2	93.9	94.3
>= 1000	2.0	56.1	73.4	86.6	90.6	91.1	93.9	94.1	94.8	95.2
>= 900	2.0	56.1	73.5	86.7	91.0	91.5	94.3	94.5	95.2	95.6
>= 800	2.0	56.3	73.9	87.2	91.5	92.1	94.8	95.1	95.8	96.2
>= 700	2.0	56.4	74.0	87.6	91.9	92.5	95.2	95.5	96.2	96.6
>= 600	2.0	56.4	74.0	87.6	92.2	92.8	95.5	95.8	96.4	96.9
>= 500	2.0	56.7	74.5	88.1	92.8	93.3	96.0	96.4	97.1	97.5
>= 400	2.0	56.8	74.6	88.3	92.9	93.4	96.2	96.6	97.4	97.8
>= 300	2.0	56.8	74.7	88.5	93.2	93.7	96.4	96.9	97.7	98.1
>= 200	2.0	56.8	74.9	88.7	93.3	93.9	96.6	97.0	97.8	98.2
>= 100	2.0	56.8	74.9	88.7	93.3	93.9	96.6	97.0	97.8	98.2
>= 0	2.0	56.8	74.9	88.7	93.3	93.9	96.6	97.0	97.8	98.2

TOTAL NO. OF OBS : 732

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/2	>=1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	6.7	38.2	44.9	48.3	50.8	51.2	52.2	52.5	52.5	52.8	52.8	52.8	52.8	53.0	53.0	53.1	53.2
>=20000	6.7	41.3	48.8	52.9	55.5	55.9	57.3	57.6	57.6	58.0	58.0	58.0	58.0	58.3	58.3	58.7	58.9
>=18000	6.7	41.5	49.0	53.2	55.8	56.3	57.6	57.9	57.9	58.4	58.4	58.4	58.4	58.6	58.6	59.0	59.3
>=16000	6.7	41.5	49.0	53.3	55.9	56.4	57.7	58.0	58.0	58.5	58.5	58.5	58.5	58.7	58.7	59.1	59.4
>=14000	6.8	41.9	49.4	53.9	56.6	57.0	58.4	58.7	58.7	59.1	59.1	59.1	59.1	59.4	59.4	59.8	60.0
>=12000	7.6	44.2	52.0	56.4	59.1	59.6	60.9	61.2	61.2	61.8	61.8	61.8	61.8	62.0	62.0	62.4	62.7
>=10000	8.5	48.5	57.0	62.1	65.3	65.7	67.3	67.7	67.8	68.4	68.4	68.4	68.4	68.6	68.6	69.1	69.3
>=8000	8.6	49.0	57.6	62.7	65.9	66.3	67.8	68.3	68.4	69.1	69.1	69.1	69.1	69.3	69.3	69.7	69.9
>=6000	9.3	53.7	63.4	68.8	72.0	72.6	74.1	74.6	74.7	75.3	75.3	75.3	75.3	75.7	75.7	76.1	76.3
>=4000	9.4	54.4	64.5	70.0	73.3	73.9	75.4	75.9	76.0	76.8	76.8	76.8	76.8	77.1	77.1	77.5	77.8
>=3000	9.4	54.8	65.0	70.5	73.8	74.3	76.0	76.4	76.5	77.3	77.3	77.3	77.3	77.6	77.6	78.1	78.3
>=2500	9.4	54.8	65.0	70.5	73.8	74.3	76.0	76.4	76.5	77.3	77.3	77.3	77.3	77.6	77.6	78.1	78.3
>=2000	9.4	55.0	65.2	70.8	74.1	74.7	76.3	76.8	76.9	77.6	77.6	77.6	77.6	78.0	78.0	78.4	78.6
>=1800	9.5	55.6	66.0	71.6	75.0	75.6	77.2	77.6	77.8	78.5	78.5	78.5	78.5	78.9	78.9	79.3	79.5
>=1500	9.6	56.3	66.9	72.6	76.2	76.8	78.4	79.0	79.1	79.8	79.8	80.0	80.0	80.3	80.3	80.7	80.9
>=1200	9.6	57.6	68.6	74.7	78.4	79.0	80.6	81.3	81.4	82.2	82.2	82.3	82.3	82.6	82.6	83.0	83.3
>=900	9.8	59.4	71.0	77.2	81.1	81.6	83.3	83.9	84.0	84.8	84.8	84.9	84.9	85.2	85.2	85.7	85.9
>=800	10.1	60.5	72.8	79.3	83.5	84.0	85.9	86.6	86.7	87.6	87.6	87.7	87.7	88.0	88.0	88.4	88.7
>=600	10.2	61.2	73.9	80.4	84.7	85.4	87.3	88.0	88.1	89.0	89.0	89.1	89.1	89.4	89.4	89.9	90.1
>=500	10.2	61.3	74.0	80.5	84.9	85.7	87.7	88.3	88.4	89.3	89.3	89.4	89.4	89.9	89.9	90.3	90.5
>=400	10.4	62.2	75.1	81.9	86.6	87.3	89.5	90.5	90.6	91.5	91.5	91.6	91.6	92.1	92.1	92.5	92.7
>=300	10.4	62.2	75.1	81.9	86.6	87.3	89.5	90.6	90.7	91.6	91.6	91.7	91.7	92.2	92.2	92.6	92.8
>=200	10.4	62.7	75.7	82.8	87.6	88.3	90.5	91.6	91.7	92.6	92.6	92.7	92.7	93.2	93.2	93.7	93.9
>=100	10.4	62.9	75.9	83.0	87.9	88.7	90.9	92.1	92.2	93.1	93.1	93.2	93.2	93.6	93.6	94.2	94.4
>=50	10.4	63.2	76.2	83.6	88.7	89.4	91.9	93.1	93.2	94.2	94.2	94.3	94.3	94.7	94.7	95.3	95.5
>=30	10.4	63.4	76.5	84.4	89.5	90.3	92.7	93.9	94.1	95.2	95.2	95.4	95.4	95.9	95.9	96.6	96.8
>=20	10.4	63.4	76.7	84.5	89.8	90.6	93.1	94.3	94.4	95.6	95.6	95.9	95.9	96.7	96.7	97.4	97.6
>=10	10.4	63.4	76.8	84.6	90.1	91.0	93.5	94.7	94.8	96.4	96.4	96.7	96.7	97.6	97.6	98.2	98.6
>=5	10.4	63.4	76.9	84.7	90.2	91.1	93.6	94.8	94.9	96.6	96.6	97.0	97.0	98.0	98.0	98.9	99.3
>=2	10.4	63.4	76.9	84.7	90.2	91.1	93.6	94.8	94.9	96.7	96.7	97.2	97.2	98.3	98.3	99.3	100.0
>=0	10.4	63.4	76.9	84.7	90.2	91.1	93.6	94.8	94.9	96.7	96.7	97.2	97.2	98.3	98.3	99.3	100.0

TOTAL NO. OF OBS : 908

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL
HOUR : 1000 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	10.9	36.8	41.2	42.8	43.4	43.6	43.8	43.8	43.8	43.8
>=20000	11.1	42.3	47.7	49.4	50.4	50.6	51.0	51.0	51.0	51.0
>=18000	11.1	42.3	47.7	49.4	50.4	50.6	51.0	51.0	51.0	51.0
>=16000	11.1	42.4	47.9	49.5	50.5	50.7	51.2	51.2	51.2	51.2
>=14000	11.6	43.3	48.7	50.4	51.4	51.6	52.0	52.0	52.0	52.0
>=12000	12.5	45.2	50.8	52.5	53.5	53.7	54.1	54.1	54.1	54.1
>=10000	13.3	50.5	56.1	58.1	59.2	59.4	59.9	59.9	59.9	59.9
>= 9000	13.5	50.8	56.4	58.4	59.5	59.8	60.2	60.2	60.3	60.3
>= 8000	14.1	54.7	60.5	62.7	63.9	64.2	64.6	64.6	64.7	64.7
>= 7000	14.1	55.0	61.3	63.6	64.8	65.0	65.5	65.5	65.6	65.6
>= 6000	14.1	55.5	61.7	64.1	65.3	65.5	65.9	65.9	66.0	66.0
>= 5000	14.2	55.7	62.3	64.6	65.8	66.0	66.5	66.5	66.6	66.6
>= 4500	14.2	55.8	62.4	64.7	65.9	66.2	66.6	66.6	66.7	66.7
>= 4000	14.2	56.4	63.2	65.6	66.8	67.0	67.5	67.5	67.6	67.6
>= 3500	14.6	57.7	64.4	66.8	68.0	68.2	68.8	68.8	68.9	68.9
>= 3000	14.9	60.2	67.3	69.8	71.1	71.3	72.1	72.1	72.2	72.2
>= 2500	15.7	64.8	72.4	75.4	76.8	77.1	77.9	77.9	78.1	78.1
>= 2000	17.5	70.8	78.9	81.9	83.5	83.7	84.8	84.8	84.9	84.9
>= 1800	18.0	71.3	79.6	82.6	84.1	84.3	85.4	85.4	85.6	85.6
>= 1500	19.8	76.5	85.6	88.6	90.3	90.5	91.6	91.8	92.0	92.0
>= 1200	20.5	77.7	86.8	90.0	91.7	92.0	93.1	93.4	93.5	93.5
>= 1000	20.7	78.9	88.6	92.4	94.5	94.8	96.3	96.6	96.7	96.7
>= 900	20.7	79.3	89.1	92.8	94.9	95.3	96.7	97.0	97.1	97.1
>= 800	20.7	79.7	90.0	93.7	95.8	96.1	97.6	97.9	98.0	98.0
>= 700	20.8	80.0	90.3	94.2	96.3	96.6	98.1	98.5	98.6	98.6
>= 600	20.8	80.0	90.4	94.3	96.4	96.7	98.2	98.6	98.7	98.8
>= 500	20.8	80.2	90.5	94.4	96.7	97.0	98.6	98.9	99.0	99.2
>= 400	20.8	80.2	90.6	94.5	96.8	97.1	98.9	99.2	99.3	99.6
>= 300	20.8	80.2	90.6	94.5	96.8	97.1	98.9	99.2	99.3	99.6
>= 200	20.8	80.2	90.6	94.5	96.8	97.1	98.9	99.2	99.3	99.6
>= 100	20.8	80.2	90.6	94.5	96.8	97.1	98.9	99.2	99.3	99.6
>= 0	20.8	80.2	90.6	94.5	96.8	97.1	98.9	99.2	99.3	99.6

TOTAL NO. OF OBS : 907

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/2	>=1/4
UNLIMIT	7.0	24.3	27.4	28.1	28.5	28.5	28.5	28.5	28.5	28.5
>=20000	7.1	30.7	34.3	35.4	36.2	36.3	36.4	36.4	36.4	36.4
>=18000	7.2	30.9	34.5	35.6	36.4	36.5	36.6	36.6	36.6	36.6
>=16000	7.3	31.0	34.6	35.7	36.5	36.6	36.7	36.7	36.7	36.7
>=14000	7.8	31.6	35.2	36.3	37.1	37.2	37.3	37.3	37.3	37.3
>=12000	8.4	33.6	37.3	38.4	39.3	39.4	39.5	39.5	39.5	39.5
>=10000	9.5	37.8	41.8	43.0	43.9	44.0	44.1	44.1	44.1	44.1
>=9000	9.6	38.0	42.0	43.2	44.1	44.2	44.3	44.3	44.3	44.3
>=8000	10.0	40.8	45.1	46.4	47.3	47.5	47.6	47.6	47.6	47.6
>=7000	10.1	41.4	45.7	47.1	48.0	48.2	48.4	48.4	48.4	48.4
>=6000	10.1	41.4	45.7	47.1	48.0	48.2	48.4	48.4	48.4	48.4
>=5000	10.2	42.2	46.5	47.9	48.8	49.0	49.1	49.1	49.1	49.1
>=4500	10.3	42.8	47.0	48.5	49.3	49.6	49.7	49.7	49.7	49.7
>=4000	10.4	43.5	47.8	49.3	50.2	50.4	50.5	50.5	50.5	50.5
>=3500	10.9	45.1	49.7	51.3	52.2	52.4	52.5	52.5	52.5	52.5
>=3000	12.8	53.5	58.9	61.1	62.2	62.4	62.6	62.6	62.6	62.6
>=2500	16.2	64.0	70.4	72.8	74.0	74.3	74.7	74.7	74.7	74.7
>=2000	20.2	74.8	82.3	85.1	86.4	86.7	87.2	87.2	87.2	87.2
>=1800	20.4	75.4	83.0	85.9	87.2	87.5	87.9	87.9	87.9	87.9
>=1500	22.5	80.8	88.7	92.2	93.8	94.1	94.6	94.8	95.0	95.0
>=1200	22.7	81.4	89.5	93.2	94.8	95.2	95.7	96.1	96.1	96.1
>=1000	22.9	82.8	91.2	95.1	96.7	97.0	97.8	98.1	98.2	98.2
>=900	22.9	82.8	91.2	95.1	96.7	97.1	97.9	98.2	98.5	98.5
>=800	22.9	83.1	91.7	95.5	97.1	97.6	98.4	98.7	98.9	99.0
>=700	22.9	83.2	91.8	95.6	97.3	97.7	98.7	99.0	99.2	99.3
>=600	22.9	83.2	91.8	95.6	97.3	97.7	98.7	99.0	99.2	99.3
>=500	22.9	83.2	91.8	95.7	97.4	97.8	98.8	99.2	99.5	99.6
>=400	22.9	83.2	91.8	95.7	97.5	97.9	98.9	99.3	99.6	99.7
>=300	22.9	83.2	91.8	95.7	97.5	97.9	98.9	99.3	99.6	99.7
>=200	22.9	83.2	91.8	95.7	97.5	97.9	98.9	99.3	99.6	99.7
>=100	22.9	83.2	91.8	95.7	97.5	97.9	98.9	99.3	99.6	99.7
>=0	22.9	83.2	91.8	95.7	97.5	97.9	98.9	99.3	99.6	99.7

TOTAL NO. OF OBS : 912

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	8.5	31.4	34.7	35.4	35.5	35.5	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
>=20000	9.0	38.7	42.5	43.4	44.1	44.3	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
>=18000	9.0	39.2	43.0	43.9	44.6	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
>=16000	9.1	39.4	43.4	44.3	45.0	45.2	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
>=14000	9.4	40.1	44.1	45.0	45.7	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
>=12000	9.9	41.5	45.8	46.7	47.4	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
>=10000	10.9	45.6	50.1	51.0	51.6	52.0	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>= 9000	11.2	46.4	50.8	51.7	52.4	52.7	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>= 8000	12.0	51.0	56.0	56.9	57.9	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>= 7000	12.3	52.2	57.2	58.1	59.1	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 6000	12.3	52.2	57.4	58.2	59.3	59.6	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>= 5000	12.5	53.2	58.4	59.4	60.4	60.7	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 4500	12.7	54.0	59.1	60.3	61.3	61.6	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>= 4000	12.7	54.3	59.6	60.7	61.8	62.3	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 3500	12.9	56.0	61.6	62.7	63.9	64.3	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 3000	14.1	63.0	69.7	71.5	72.6	73.1	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>= 2500	15.8	70.7	78.1	80.2	81.5	81.9	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 2000	17.8	77.2	85.4	87.7	89.2	89.7	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>= 1800	18.0	77.7	85.9	88.1	89.7	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
>= 1500	18.6	81.0	89.9	92.6	94.5	95.1	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 1200	18.7	81.5	90.6	93.4	95.4	96.0	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 1000	18.7	82.6	92.0	94.9	97.1	97.6	98.5	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1
>= 900	18.7	82.6	92.0	94.9	97.1	97.6	98.7	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
>= 800	18.7	82.6	92.1	95.1	97.2	97.8	98.8	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
>= 700	18.7	82.6	92.1	95.1	97.3	97.9	98.9	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6
>= 600	18.7	82.6	92.1	95.1	97.3	97.9	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.7
>= 500	18.7	82.6	92.1	95.1	97.3	97.9	98.9	99.0	99.0	99.4	99.4	99.4	99.8	99.8	99.8	99.8
>= 400	18.7	82.6	92.3	95.2	97.4	98.0	99.0	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9
>= 300	18.7	82.6	92.3	95.2	97.4	98.0	99.0	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9
>= 200	18.7	82.6	92.3	95.2	97.4	98.0	99.0	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9
>= 100	18.7	82.6	92.3	95.2	97.4	98.0	99.0	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9
>= 0	18.7	82.6	92.3	95.2	97.4	98.0	99.0	99.1	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 891

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

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

VISIBILITY (STATUTE MILES)

UNLIMIT	8.4	37.2	91.4	42.4	42.5	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
>=20000	8.6	47.3	52.7	54.4	54.9	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=18000	8.6	47.6	53.1	54.7	55.2	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=16000	8.6	47.7	53.2	54.9	55.3	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=14000	8.6	48.5	54.1	55.8	56.3	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=12000	9.0	50.7	56.4	58.2	58.6	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=10000	10.5	57.2	63.4	65.2	65.6	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=9000	10.5	57.5	63.6	65.4	65.9	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>=8000	11.4	64.0	70.9	72.9	73.6	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>=7000	11.6	64.9	71.8	73.9	74.6	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>=6000	11.6	65.4	72.3	74.4	75.2	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=5000	11.6	66.0	73.1	75.5	76.3	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>=4500	11.7	66.1	73.2	75.6	76.4	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>=4000	12.1	67.3	74.8	77.4	78.2	78.7	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>=3500	12.1	67.9	75.5	78.1	79.0	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>=3000	12.6	72.0	80.3	83.2	84.1	84.7	84.7	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>=2500	12.9	74.3	83.5	86.7	88.2	88.7	88.7	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>=2000	13.6	76.9	86.8	90.3	91.8	92.4	92.4	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>=1800	13.6	76.9	86.8	90.3	91.8	92.4	92.4	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>=1500	14.0	78.6	88.9	92.8	94.7	95.4	95.7	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=1200	14.0	78.8	89.2	93.1	95.0	95.7	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>=1000	14.0	79.4	90.2	94.4	96.3	97.2	97.5	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>=900	14.0	79.4	90.4	94.7	96.6	97.4	97.9	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=800	14.0	79.5	90.5	94.8	96.7	97.5	98.0	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>=700	14.0	79.6	90.6	94.9	96.8	97.6	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=600	14.1	79.7	90.9	95.3	97.2	98.0	98.6	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
>=500	14.1	79.9	91.0	95.4	97.3	98.1	98.7	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>=400	14.1	79.9	91.0	95.4	97.3	98.1	98.7	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>=300	14.1	79.9	91.0	95.4	97.3	98.1	98.7	99.3	99.3	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
>=200	14.1	79.9	91.1	95.5	97.4	98.2	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
>=100	14.1	79.9	91.1	95.5	97.4	98.2	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
>=0	14.1	79.9	91.1	95.5	97.4	98.2	98.8	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 844

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
UNLIMIT	2.9	46.8	53.3	55.4	56.2	56.6	57.0	57.0	57.0	57.1
>=20000	2.9	53.7	61.5	64.6	65.6	66.0	66.5	66.7	66.8	66.8
>=18000	2.9	54.0	61.8	64.9	65.9	66.3	66.8	66.9	67.1	67.1
>=16000	2.9	54.0	61.8	64.9	65.9	66.3	66.8	66.9	67.1	67.1
>=14000	2.9	54.1	61.9	65.2	66.1	66.5	67.1	67.2	67.3	67.3
>=12000	2.9	55.6	63.5	66.8	67.8	68.2	68.7	68.8	69.0	69.0
>=10000	3.4	59.7	68.3	71.7	72.7	73.1	73.7	73.9	74.0	74.0
>= 9000	3.4	60.0	68.6	72.0	72.9	73.3	74.0	74.1	74.3	74.3
>= 8000	3.5	64.6	74.0	77.6	78.8	79.3	80.0	80.1	80.3	80.3
>= 7000	3.5	65.2	75.0	78.5	79.7	80.3	81.0	81.1	81.2	81.2
>= 6000	3.5	65.7	75.8	79.3	80.5	81.1	81.8	81.9	82.0	82.0
>= 5000	3.5	66.8	77.1	80.8	82.0	82.6	83.3	83.4	83.5	83.5
>= 4500	3.5	66.9	77.3	81.0	82.2	82.7	83.4	83.5	83.7	83.7
>= 4000	3.5	67.5	78.1	81.8	83.0	83.5	84.2	84.4	84.5	84.5
>= 3500	3.5	68.0	78.8	82.4	83.7	84.2	84.9	85.0	85.2	85.2
>= 3000	3.5	71.2	83.0	86.9	88.3	88.8	89.5	89.7	89.8	89.8
>= 2500	3.5	72.9	85.3	89.8	91.3	91.8	92.5	92.7	92.8	92.8
>= 2000	3.8	74.1	87.2	91.8	93.3	93.9	94.7	94.8	95.0	95.0
>= 1800	3.8	75.0	88.6	93.6	95.4	95.9	96.9	97.0	97.1	97.1
>= 1500	3.8	75.2	88.8	93.9	95.6	96.2	97.1	97.3	97.4	97.4
>= 1200	3.8	75.9	89.9	95.1	97.1	97.7	98.6	98.8	98.9	98.9
>= 1000	3.8	75.9	89.9	95.1	97.1	97.7	98.6	98.8	98.9	98.9
>= 900	3.8	75.9	90.2	95.5	97.6	98.1	99.0	99.2	99.3	99.3
>= 800	3.8	75.9	90.2	95.5	97.6	98.1	99.0	99.2	99.3	99.3
>= 700	3.8	75.9	90.2	95.5	97.8	98.4	99.3	99.5	99.6	99.6
>= 600	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 500	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 400	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 300	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 200	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 100	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9
>= 0	3.8	76.1	90.5	96.1	98.1	98.6	99.6	99.7	99.9	99.9

TOTAL NO. OF OBS : 735

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL
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	6.3	37.4	43.0	45.6	46.6	46.7	47.2	47.2	47.2	47.3
>=20000	6.4	43.2	49.7	52.9	54.2	54.5	55.1	55.1	55.2	55.4
>=18000	6.4	43.4	49.9	53.1	54.5	54.7	55.3	55.4	55.4	55.6
>=16000	6.5	43.4	50.0	53.3	54.6	54.8	55.4	55.5	55.5	55.7
>=14000	6.7	43.9	50.5	53.8	55.1	55.4	56.0	56.1	56.1	56.3
>=12000	7.1	45.5	52.3	55.6	57.0	57.2	57.8	57.9	57.9	58.1
>=10000	7.9	50.1	57.5	61.0	62.5	62.8	63.4	63.5	63.5	63.8
>=9000	8.0	50.4	57.8	61.4	62.9	63.1	63.8	63.9	64.2	64.3
>=8000	8.5	54.6	62.7	66.5	68.1	68.5	69.1	69.2	69.3	69.5
>=7000	8.6	55.2	63.5	67.5	69.1	69.4	70.1	70.2	70.5	70.6
>=6000	8.6	55.5	63.9	67.8	69.5	69.8	70.5	70.6	70.9	71.0
>=5000	8.8	56.1	64.6	68.6	70.2	70.6	71.3	71.4	71.7	71.8
>=4000	8.8	57.0	65.7	69.8	71.4	71.8	72.5	72.6	72.9	73.0
>=3000	9.0	57.9	66.8	70.9	72.6	73.0	73.7	73.8	74.1	74.2
>=2500	9.5	61.9	71.5	76.0	77.8	78.2	79.0	79.2	79.5	79.6
>=2000	10.4	66.1	76.4	81.3	83.3	83.7	84.6	84.7	85.1	85.2
>=1800	11.6	70.0	81.0	86.0	88.2	88.6	89.6	89.8	90.2	90.3
>=1500	11.7	70.3	81.3	86.3	88.5	88.9	90.0	90.2	90.5	90.6
>=1200	12.4	72.7	84.2	89.7	92.0	92.5	93.7	93.9	94.3	94.3
>=1000	12.6	73.2	84.7	90.2	92.7	93.2	94.3	94.6	94.9	95.0
>=900	12.6	74.0	85.9	91.7	94.3	94.8	96.1	96.4	96.8	96.9
>=800	12.6	74.0	86.1	91.8	94.4	95.0	96.3	96.7	97.1	97.1
>=700	12.6	74.2	86.4	92.2	94.9	95.4	96.8	97.1	97.5	97.6
>=600	12.7	74.4	86.7	92.4	95.2	95.7	97.1	97.5	97.9	98.0
>=500	12.7	74.5	86.8	92.6	95.4	95.9	97.4	97.8	98.2	98.3
>=400	12.7	74.5	86.9	92.8	95.7	96.2	97.7	98.1	98.6	98.7
>=300	12.7	74.5	86.9	93.0	95.8	96.4	97.9	98.3	98.8	98.9
>=200	12.7	74.5	87.0	93.0	95.9	96.5	98.0	98.5	99.0	99.2
>=100	12.7	74.5	87.0	93.0	95.9	96.5	98.0	98.5	99.1	99.2
>=0	12.7	74.5	87.0	93.0	95.9	96.5	98.0	98.5	99.1	99.2

TOTAL NO. OF OBS : 6661

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 0100 LST

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

SPEED (KNOTS)													TOTAL	MEAN	
16 PT.	1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	%	WIND	SPEED
DIR.															
N	2.9	2.1	.6	.4	.0	.0	.0	.0	.0	.0	.0	6.0	4.2		
NNE	2.4	3.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	6.2	4.2		
NE	1.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.5		
ENE	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.9		
E	1.5	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.4		
ESE	.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.1		
SE	1.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	3.5		
SSE	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.4		
S	3.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	5.2	2.9		
SSW	4.1	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	7.0	3.8		
SW	4.5	5.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	11.2	4.2		
WSW	3.6	3.6	1.3	.0	.0	.0	.0	.0	.0	.0	.0	8.5	4.2		
W	2.4	2.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	5.3	4.1		
WNW	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.6		
NW	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.5		
NNW	1.0	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.4		
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	35.4	.0		
ALL	32.0	25.3	6.4	.8	.0	.0	.0	.0	.0	.0	.0	100.0	2.5		

TOTAL NO. OF OBS : 715

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 400 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	%	WIND	SPEED
N		4.0	3.7	1.5	.1	.0	.0	.0	.0	.0	.0	.0	9.4	4.3	
NNE		2.5	2.9	.3	.3	.0	.0	.0	.0	.0	.0	.0	6.0	4.2	
NE		1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	2.6	4.3	
ENE		1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.2	
E		.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1	5.0	
ESE		.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.6	
SE		.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.8	
SSE		.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0	
S		1.5	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.4	3.6	
SSW		3.9	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.5	2.9	
SW		3.2	2.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	7.1	4.4	
WSW		5.1	4.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	10.3	3.8	
W		3.3	3.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	7.1	3.7	
WNW		1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.9	
NW		.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0	
NNW		1.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.4	
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	40.2	.0	
ALL		30.7	23.3	4.9	1.0	.0	.0	.0	.0	.0	.0	.0	100.0	2.3	

TOTAL NO. OF OBS : 721

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 0700 LST

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

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
16 PT. 1	1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561						
DIR.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
N	4.5	3.6	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	4.6
NNE	2.7	3.1	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.1
NE	2.6	1.4	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	4.6
ENE	1.6	1.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	4.3
E	.7	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.8
ESE	.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.8
SE	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.2
SSE	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
S	1.2	1.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.1
SSW	2.1	1.8	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.1
SW	2.1	3.9	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	5.2
WSW	3.8	4.5	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	4.7
W	3.9	4.3	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	4.3
WNW	1.1	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.5
NW	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.5
NNW	1.6	1.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.6
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	25.4	.0
ALL	30.5	29.1	13.5	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.4

TOTAL NO. OF OBS : 950

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 000 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
DIR.															
N	1.4	2.5	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
NNE	1.4	3.9	2.9	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5
NE	1.1	3.4	1.8	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7
ENE	2.9	2.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
E	3.2	2.5	.9	.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	6.8
ESE	2.0	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2
SE	1.1	1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2
SSE	.6	1.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
S	.9	.9	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
SSW	1.2	1.8	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
SW	1.1	3.0	2.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5
WSW	1.6	4.0	3.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8
W	2.8	5.7	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0
WNW	.9	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
NW	.5	.6	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
NNW	1.1	1.5	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
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	.0	7.0
ALL	23.7	39.0	24.3	5.6	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	100.0

TOTAL NO. OF OBS : 951

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 1300 LST

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

DIR.	SPEED (KNOTS)										TOTAL %	MEAN SPEED
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56		
N	1.2	2.8	1.3	.5	.1	.0	.0	.0	.0	.0	5.9	6.1
NNE	1.3	1.8	2.0	.4	.0	.0	.0	.0	.0	.0	5.5	6.3
NE	1.1	2.6	1.6	.5	.4	.0	.0	.0	.0	.0	6.2	7.1
ENE	.8	2.6	1.8	.8	.1	.0	.0	.0	.0	.0	6.2	6.7
E	2.6	3.6	1.4	.1	.0	.0	.0	.0	.0	.0	7.7	4.8
ESE	1.6	4.0	1.2	.2	.0	.0	.0	.0	.0	.0	6.9	5.2
SE	.9	3.5	2.0	.0	.1	.0	.0	.0	.0	.0	6.5	5.6
SSE	.7	2.7	3.3	.2	.0	.0	.0	.0	.0	.0	6.9	6.6
S	1.6	4.0	4.9	1.2	.1	.0	.0	.0	.0	.0	11.9	7.1
SSW	.8	2.4	2.6	.3	.0	.0	.0	.0	.0	.0	6.2	6.6
SW	.9	2.6	1.8	.3	.0	.0	.0	.0	.0	.0	5.7	6.3
WSW	1.2	1.9	2.7	.3	.0	.0	.0	.0	.0	.0	6.1	6.5
W	1.5	4.0	2.4	.7	.0	.0	.0	.0	.0	.0	8.6	6.2
WNW	.6	.9	.7	.0	.0	.0	.0	.0	.0	.0	2.3	5.5
NW	.5	.9	.3	.1	.0	.0	.0	.0	.0	.0	1.9	5.2
NNW	.2	1.8	.5	.1	.0	.0	.0	.0	.0	.0	2.6	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0
ALL	17.6	42.3	30.5	5.9	.1	.0	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 951

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 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.		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		2.1			1.3	.4	.0	.0	.0	.0	.0	.0	.0	4.8						6.1
NNE		.5		1.9			2.4	.6	.1	.0	.0	.0	.0	.0	.0	5.6						7.4
NE		.6		1.4			1.9	.4	.2	.0	.0	.0	.0	.0	.0	4.5						7.4
ENE		.8		1.8			1.7	.2	.2	.0	.0	.0	.0	.0	.0	4.7						6.7
E		1.4		1.6			1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.3						5.7
ESE		1.4		1.6			1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.4						5.6
SE		1.1		4.0			2.6	.0	.0	.0	.0	.0	.0	.0	.0	7.7						5.8
SSE		1.2		4.0			3.4	.6	.0	.0	.0	.0	.0	.0	.0	9.2						6.4
S		1.6		7.9			12.4	2.2	.2	.0	.0	.0	.0	.0	.0	24.3						7.4
SSW		.8		2.8			3.2	1.2	.0	.0	.0	.0	.0	.0	.0	8.0						7.3
SW		.6		1.8			2.4	.8	.0	.0	.0	.0	.0	.0	.0	5.7						7.4
WSW		.7		1.2			1.6	.1	.1	.0	.0	.0	.0	.0	.0	3.7						6.6
W		.7		1.9			.8	.0	.0	.0	.0	.0	.0	.0	.0	3.5						5.3
WNW		.2		1.4			.4	.1	.0	.0	.0	.0	.0	.0	.0	2.1						5.8
NW		.6		.5			.5	.0	.0	.0	.0	.0	.0	.0	.0	1.7						5.3
NNW		.3		.9			.7	.1	.0	.0	.0	.0	.0	.0	.0	2.1						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	3.7						.0
ALL		13.7		36.7			37.6	7.5	.8	.0	.0	.0	.0	.0	.0	100.0						6.5

TOTAL NO. OF OBS : 950

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 1900 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.		1	- 3	4	- 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED	
N	2.2	1.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.2	
NNE	1.4	2.1	1.3	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	6.4	
NE	.9	2.3	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.3	
ENE	.8	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.9	
E	1.0	2.0	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	5.5	
ESE	.6	1.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.8	
SE	1.9	2.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.4	
SSE	3.2	3.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	3.7	
S	10.9	8.9	2.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22.3	4.0	
SSW	5.0	5.9	4.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.1	5.0	
SW	2.5	2.4	1.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	4.7	
WSW	.6	1.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.9	
W	1.0	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.2	
WNW	.6	.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.5	
NW	.4	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.4	
NNW	.0	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.3	
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	10.7	.0	
ALL	32.8	38.1	16.8	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.2	

TOTAL NO. OF OBS : 909

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : 2200 LST

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

16 PT.	1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN
DIR.	1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	%	SPEED
N	2.2					2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.0
NNE	1.4					2.6	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.0	5.3
NE	2.1					.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.4
ENE	1.8					2.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.4	3.9
E	1.9					3.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	6.1	4.8
ESE	1.1					1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.8
SE	.6					.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.9
SSE	1.8					.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.4	3.3
S	6.9					2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	9.8	3.0
SSW	6.4					3.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	10.0	3.3
SW	4.4					5.7	2.2	.1	.0	.0	.0	.0	.0	.0	.0	12.5	4.3
WSW	2.8					2.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	4.1
W	1.5					1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.7
WNW	.0					.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	8.0
NW	.1					.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0
NNW	1.2					.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.9	3.2
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	24.5	.0
ALL	36.3					30.7	7.5	1.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.0

TOTAL NO. OF OBS : 722

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 HOUR : ALL

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	2.4	2.5	1.3	.3	.0*	.0	.0	.0	.0	.0	6.5	4.9
NNE	1.7	2.6	1.7	.5	.1	.0	.0	.0	.0	.0	6.5	5.8
NE	1.4	1.8	1.2	.4	.1	.0	.0	.0	.0	.0	4.8	5.9
ENE	1.4	1.8	.8	.2	.1	.0	.0	.0	.0	.0	4.3	5.2
E	1.6	1.9	.7	.1	.0	.0	.0	.0*	.0	.0	4.4	4.9
ESE	1.0	1.4	.6	.1	.0	.0	.0	.0	.0	.0	3.1	4.9
SE	.9	1.8	.8	.0*	.0*	.0	.0	.0	.0	.0	3.5	5.1
SSE	1.1	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	4.0	5.4
S	3.5	3.6	3.0	.5	.1	.0*	.0	.0	.0	.0	10.6	5.5
SSW	2.8	2.7	1.7	.3	.0*	.0	.0	.0	.0	.0	7.6	5.0
SW	2.3	3.3	1.9	.3	.0	.0	.0	.0	.0	.0	7.8	5.3
WSW	2.3	2.9	1.9	.1	.0*	.0	.0	.0	.0	.0	7.2	5.1
W	2.1	3.2	1.1	.1	.0	.0	.0	.0	.0	.0	6.6	4.8
WNW	.7	.9	.4	.0*	.0	.0	.0	.0	.0	.0	2.0	4.9
NW	.6	.5	.3	.0*	.0	.0	.0	.0	.0	.0	1.4	4.8
NNW	.8	1.0	.5	.1	.0	.0	.0	.0	.0	.0	2.5	5.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.3	.0
ALL	26.5	33.7	18.8	3.3	.3	.0*	.0	.0*	.0	.0	100.0	4.3

TOTAL NO. OF OBS : 6869

NOTES :
 * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 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	1.1	46.7	56.0	63.3	65.1	65.3	65.7	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=20000	1.1	49.6	60.3	68.1	70.7	71.0	71.9	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=18000	1.1	49.6	60.3	68.1	70.7	71.0	71.9	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=16000	1.1	49.6	60.3	68.1	70.7	71.0	71.9	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>=14000	1.1	49.9	60.6	68.4	71.0	71.3	72.1	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>=12000	1.1	50.3	61.1	69.0	71.7	72.0	72.9	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>=10000	1.1	53.3	65.0	73.1	76.0	76.3	77.1	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 9000	1.1	53.4	65.1	73.3	76.1	76.4	77.3	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 8000	1.3	56.9	69.9	78.4	81.6	81.9	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 7000	1.3	57.4	70.4	79.1	82.7	83.0	84.0	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>= 6000	1.3	57.4	70.4	79.1	82.7	83.0	84.0	84.3	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
>= 5000	1.3	58.0	71.0	79.7	83.4	83.7	84.7	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>= 4500	1.3	58.0	71.0	79.7	83.4	83.7	84.7	85.0	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
>= 4000	1.3	58.6	71.7	80.4	84.1	84.4	85.4	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 3500	1.3	58.7	71.9	80.7	84.4	84.7	85.7	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>= 3000	1.3	60.0	74.4	84.1	88.1	88.4	89.6	89.9	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 2500	1.3	60.7	75.3	85.3	89.4	89.7	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 2000	1.3	62.3	77.7	88.3	92.6	92.9	94.3	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>= 1800	1.3	62.3	77.7	88.3	92.7	93.0	94.4	94.7	94.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>= 1500	1.3	62.6	78.1	89.0	93.4	93.7	95.3	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 1200	1.3	62.6	78.1	89.0	93.6	93.9	95.4	95.7	95.7	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 1000	1.3	63.4	79.1	90.3	95.0	95.3	96.9	97.1	97.1	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 900	1.3	63.6	79.3	90.4	95.1	95.4	97.0	97.3	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 800	1.3	63.7	79.6	90.7	95.7	96.0	97.6	97.9	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 700	1.3	63.7	79.6	91.0	96.1	96.4	98.1	98.4	98.4	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 600	1.3	63.7	79.6	91.1	96.3	96.6	98.3	98.6	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 500	1.3	63.7	79.6	91.1	96.3	96.6	98.4	98.9	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	1.3	63.7	79.7	91.3	96.4	96.7	98.6	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 300	1.3	63.7	79.7	91.3	96.4	96.9	98.7	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 200	1.3	63.7	79.7	91.3	96.4	96.9	98.7	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	1.3	63.7	79.7	91.3	96.4	96.9	98.7	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 0	1.3	63.7	79.7	91.3	96.4	96.9	98.7	99.1	99.1	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NO. OF OBS : 700

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 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	>=1/2	>=5/8
UNLIMIT	.8	36.5	49.3	55.7	59.9	60.5	63.2	63.6	63.6	63.7	63.7
>=20000	.8	39.1	53.0	60.3	66.0	66.6	70.1	70.8	70.8	71.1	71.1
>=18000	.8	39.1	53.0	60.3	66.0	66.6	70.1	70.8	70.8	71.1	71.1
>=16000	.8	39.1	53.0	60.3	66.0	66.6	70.1	70.8	70.8	71.1	71.1
>=14000	.8	39.4	53.3	60.6	66.3	66.9	70.4	71.1	71.1	71.4	71.4
>=12000	.8	39.8	53.8	61.2	67.1	67.7	71.2	72.0	72.0	72.2	72.2
>=10000	.8	42.6	57.1	64.9	71.1	71.7	75.2	75.9	75.9	76.2	76.2
>= 9000	.8	42.9	57.4	65.2	71.4	72.0	75.5	76.2	76.2	76.5	76.5
>= 8000	1.0	46.3	61.8	70.0	76.6	77.2	80.7	81.4	81.4	81.7	81.7
>= 7000	1.0	46.6	62.5	70.8	77.6	78.2	81.6	82.3	82.3	82.6	82.6
>= 6000	1.0	46.9	62.7	71.0	77.9	78.5	82.0	82.7	82.7	83.0	83.0
>= 5000	1.0	46.9	62.7	71.2	77.9	78.5	82.0	82.7	82.7	83.0	83.0
>= 4500	1.0	46.9	62.7	71.2	77.9	78.5	82.0	82.7	82.7	83.0	83.0
>= 4000	1.1	47.7	63.7	72.2	78.9	79.5	83.0	83.7	83.7	84.0	84.0
>= 3500	1.1	49.4	64.2	72.7	79.3	79.9	83.4	84.1	84.1	84.4	84.4
>= 3000	1.1	49.4	64.2	72.7	79.3	79.9	83.4	84.1	84.1	84.4	84.4
>= 2500	1.1	50.3	67.0	76.5	84.3	85.0	89.0	89.8	89.8	90.1	90.1
>= 2000	1.1	51.8	69.0	78.9	87.0	87.7	91.9	92.8	92.8	93.1	93.1
>= 1800	1.1	51.8	69.0	78.9	87.0	87.7	91.9	92.8	92.8	93.1	93.1
>= 1500	1.1	51.8	69.1	79.2	87.5	88.2	92.5	93.3	93.3	93.6	93.6
>= 1200	1.1	52.0	69.3	79.3	87.8	88.5	92.8	93.6	93.6	93.9	93.9
>= 1000	1.1	53.1	70.8	81.3	89.9	90.7	94.9	95.8	95.8	96.0	96.0
>= 900	1.1	53.1	70.8	81.3	89.9	90.7	94.9	95.8	95.8	96.0	96.0
>= 800	1.1	53.3	71.0	81.4	90.1	90.9	95.2	96.0	96.0	96.3	96.3
>= 700	1.1	53.3	71.0	81.4	90.1	90.9	95.2	96.0	96.0	96.3	96.3
>= 600	1.1	53.3	71.1	81.6	90.2	91.1	95.5	96.3	96.3	96.7	96.7
>= 500	1.1	53.4	71.5	82.3	90.8	91.6	96.2	97.0	97.0	97.5	97.5
>= 400	1.1	53.4	71.5	82.3	90.9	91.8	96.3	97.2	97.2	97.6	97.6
>= 300	1.1	53.4	71.5	82.3	90.9	91.8	96.3	97.2	97.2	97.6	97.6
>= 200	1.1	53.4	71.5	82.3	90.9	91.9	96.6	97.6	97.6	98.2	98.2
>= 100	1.1	53.4	71.5	82.3	90.9	91.9	96.6	97.6	97.6	98.4	98.4
>= 0	1.1	53.4	71.5	82.3	90.9	91.9	96.6	97.6	97.6	98.4	98.4

TOTAL NO. OF OBS : 706

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0		
UNLIMITED	5.9	33.5	41.9	46.3	49.3	49.9	51.5	52.7	52.8	53.7	54.1	54.1	54.4	54.4	55.1	55.3		
>=20000	5.9	35.8	45.4	50.5	53.9	54.6	56.3	57.7	57.8	59.0	59.4	59.4	60.0	60.0	60.7	61.1		
>=18000	6.0	36.0	45.6	50.7	54.1	54.9	56.5	57.9	58.0	59.2	59.7	59.7	60.2	60.2	61.0	61.3		
>=16000	6.0	36.0	45.6	50.7	54.1	54.9	56.5	57.9	58.0	59.2	59.7	59.7	60.2	60.2	61.0	61.3		
>=14000	6.0	36.5	46.3	51.5	54.9	55.6	57.3	58.7	58.8	60.0	60.4	60.4	61.0	61.0	61.7	62.1		
>=12000	6.1	37.5	47.5	53.0	56.5	57.3	58.9	60.3	60.4	61.6	62.1	62.1	62.6	62.6	63.4	63.7		
>=10000	6.8	41.7	52.5	58.0	62.1	63.1	64.9	66.5	66.6	67.8	68.3	68.3	68.8	68.8	69.6	69.9		
>=9000	6.8	41.9	52.9	58.5	62.5	63.6	65.3	67.0	67.1	68.3	68.7	68.7	69.4	69.4	70.1	70.4		
>=8000	7.0	44.8	57.1	63.0	67.5	68.6	70.3	72.1	72.3	73.5	73.9	73.9	74.6	74.6	75.4	75.7		
>=7000	7.0	45.6	58.0	63.9	68.4	69.5	71.2	73.0	73.2	74.4	74.8	74.8	75.5	75.5	76.2	76.6		
>=6000	7.1	45.8	58.2	64.1	68.6	69.7	71.4	73.2	73.4	74.6	75.0	75.0	75.7	75.7	76.4	76.8		
>=5000	7.2	47.2	59.8	65.8	70.3	71.4	73.2	75.0	75.2	76.4	76.9	76.9	77.5	77.5	78.3	78.6		
>=4500	7.2	47.3	59.9	66.0	70.6	71.6	73.4	75.4	75.6	76.8	77.2	77.2	77.9	77.9	78.6	79.0		
>=4000	7.3	48.2	60.7	67.0	71.5	72.6	74.4	76.3	76.6	77.8	78.2	78.2	78.8	78.8	79.6	79.9		
>=3500	7.3	48.4	61.1	67.4	72.1	73.2	74.9	76.9	77.1	78.3	78.7	78.7	79.4	79.4	80.2	80.5		
>=3000	7.5	49.6	62.5	69.2	73.9	75.1	77.1	79.1	79.3	80.5	80.9	80.9	81.6	81.6	82.3	82.7		
>=2500	7.7	51.3	64.3	71.2	76.1	77.3	79.4	81.4	81.6	82.9	83.3	83.3	84.0	84.0	84.7	85.1		
>=2000	7.9	52.5	65.6	72.6	77.6	79.1	81.2	83.2	83.4	84.7	85.2	85.2	85.8	85.8	86.7	87.0		
>=1800	7.9	52.5	65.6	72.6	77.6	79.1	81.2	83.2	83.4	84.7	85.2	85.2	85.8	85.8	86.7	87.0		
>=1500	8.0	53.0	66.5	73.8	79.2	80.6	83.0	85.0	85.2	86.6	87.0	87.0	87.7	87.7	88.5	88.9		
>=1200	8.1	53.1	66.8	74.2	79.6	81.0	83.4	85.4	85.6	87.0	87.5	87.5	88.1	88.1	89.0	89.3		
>=1000	8.1	54.1	67.9	75.6	81.2	82.7	85.4	87.5	87.7	89.2	89.6	89.6	90.4	90.4	91.3	91.6		
>=900	8.1	54.2	68.2	75.8	81.5	82.9	85.6	87.7	87.9	89.4	89.9	89.9	90.6	90.6	91.5	91.8		
>=800	8.1	54.3	68.5	76.1	81.9	83.3	86.2	88.2	88.4	90.0	90.4	90.4	91.3	91.3	92.1	92.5		
>=700	8.1	54.4	68.6	76.3	82.1	83.5	86.4	88.4	88.7	90.2	90.7	90.7	91.6	91.6	92.5	92.8		
>=600	8.1	54.4	68.7	76.7	82.4	84.1	87.0	89.1	89.3	90.8	91.4	91.4	92.5	92.5	93.3	93.7		
>=500	8.1	55.1	69.6	77.9	84.0	85.6	88.9	91.1	91.4	93.1	93.9	93.9	95.0	95.0	95.9	96.2		
>=400	8.1	55.1	70.0	78.3	84.6	86.4	89.7	92.0	92.4	94.4	95.3	95.3	96.5	96.5	97.5	97.9		
>=300	8.1	55.3	70.2	78.6	85.1	86.8	90.3	92.6	92.9	95.0	96.1	96.1	97.3	97.3	98.4	98.9		
>=200	8.1	55.3	70.2	78.6	85.1	86.8	90.3	92.6	92.9	95.0	96.3	96.3	97.6	97.6	98.8	99.5		
>=100	8.1	55.3	70.2	78.6	85.1	86.8	90.3	92.6	92.9	95.1	96.4	96.4	97.7	97.7	99.0	99.8		
>=0	8.1	55.3	70.2	78.6	85.1	86.8	90.3	92.6	92.9	95.1	96.4	96.4	97.7	97.7	99.0	100.0		

TOTAL NO. OF OBS : 917

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 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	8.6	36.6	40.7	43.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
>=20000	8.9	40.8	45.4	48.5	49.9	49.9	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
>=18000	8.9	41.0	45.6	48.8	50.2	50.2	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
>=16000	8.9	41.2	45.7	48.9	50.3	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=14000	9.2	41.7	46.5	49.6	51.0	51.0	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=12000	9.6	43.3	48.4	51.6	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=10000	10.2	47.6	53.3	56.8	58.3	58.3	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=9000	10.4	48.0	53.7	57.2	58.7	58.7	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=8000	11.0	51.7	57.8	61.2	62.9	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=7000	11.1	52.4	58.6	62.1	63.8	64.0	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=6000	11.1	52.6	58.8	62.3	64.1	64.2	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=5000	11.1	53.1	59.4	63.0	64.8	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=4500	11.1	53.1	59.4	63.0	64.8	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=4000	11.2	54.0	60.3	63.8	65.7	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=3500	11.2	54.3	60.9	64.5	66.3	66.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=3000	11.6	56.7	64.0	67.5	69.5	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
>=2500	12.3	61.0	68.4	72.1	74.2	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>=2000	14.1	67.3	75.1	79.4	81.5	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>=1800	14.3	67.8	75.7	79.9	82.1	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>=1500	15.5	72.1	80.7	85.6	87.8	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
>=1200	16.1	74.4	83.1	88.2	90.7	90.8	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>=1000	16.4	76.7	86.1	91.6	94.2	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=900	16.4	77.0	86.6	92.3	94.9	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=800	16.5	77.4	87.1	92.7	95.5	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>=700	16.5	77.5	87.2	92.8	95.7	96.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>=600	16.5	77.7	87.5	93.2	96.1	96.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>=500	16.6	78.1	87.8	93.7	96.9	97.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>=400	16.6	78.1	87.8	93.8	97.0	97.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=300	16.6	78.2	88.1	94.0	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=200	16.6	78.2	88.1	94.0	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=100	16.6	78.2	88.1	94.0	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>=0	16.6	78.2	88.1	94.0	97.2	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NO. OF OBS : 921

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	7.6	28.4	31.0	32.2	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
>=20000	7.7	33.2	36.6	38.1	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	38.9
>=18000	7.7	33.4	36.9	38.3	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.1	39.1	39.1
>=16000	7.7	33.5	37.0	38.4	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2
>=14000	8.0	34.1	37.5	38.9	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8
>=12000	8.4	35.6	39.2	40.6	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5
>=10000	9.4	39.1	43.0	44.6	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5
>= 9000	9.5	39.4	43.2	44.9	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.7
>= 8000	9.9	42.4	46.6	48.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5
>= 7000	9.9	42.7	46.9	48.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8
>= 6000	9.9	42.7	46.9	48.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8
>= 5000	9.9	43.4	47.7	49.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7
>= 4500	9.9	43.5	47.9	49.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.9	50.9	50.9
>= 4000	10.1	44.6	49.1	50.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.2	52.2	52.2
>= 3500	10.6	46.1	50.6	52.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7
>= 3000	12.0	53.2	59.2	61.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	63.0	63.0	63.0
>= 2500	13.9	62.5	69.6	71.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.7	73.7	73.7
>= 2000	17.3	73.7	81.7	84.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.8	86.8	86.8
>= 1800	17.5	74.3	82.3	85.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.7
>= 1500	18.7	78.9	87.4	90.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	93.1	93.1	93.1
>= 1200	19.1	80.0	88.6	91.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.6	94.6	94.6
>= 1000	19.1	81.2	90.3	93.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.9	96.9	96.9
>= 900	19.1	81.3	90.4	93.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	97.0	97.0	97.0
>= 800	19.1	81.7	91.1	94.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4
>= 700	19.1	81.8	91.2	94.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	98.3	98.3	98.3
>= 600	19.1	81.8	91.2	94.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	98.6	98.6	98.6
>= 500	19.1	81.9	91.4	95.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	98.9	98.9	98.9
>= 400	19.1	81.9	91.4	95.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	99.2	99.2	99.2
>= 300	19.1	81.9	91.4	95.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	99.6	99.6	99.6
>= 200	19.1	81.9	91.4	95.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	100.0	100.0	100.0
>= 100	19.1	81.9	91.4	95.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	100.0	100.0	100.0
>= 0	19.1	81.9	91.4	95.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 925

2 - CEILING VS VISIBILITY

D93727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMIT	9.4	34.8	37.7	38.7	38.9	38.9	39.0	39.0	39.0	39.0
>=20000	9.7	42.0	45.5	46.6	47.0	47.0	47.2	47.2	47.2	47.2
>=18000	9.7	42.2	45.8	46.9	47.2	47.2	47.4	47.4	47.4	47.4
>=16000	9.7	42.2	45.8	46.9	47.2	47.2	47.4	47.4	47.4	47.4
>=14000	10.0	42.7	46.3	47.4	47.7	47.7	48.0	48.0	48.0	48.0
>=12000	10.3	43.2	47.0	48.2	48.5	48.5	48.7	48.7	48.7	48.7
>=10000	11.1	47.5	52.0	53.4	53.7	53.7	53.9	53.9	53.9	53.9
>=9000	11.4	48.1	52.6	53.9	54.2	54.2	54.5	54.5	54.5	54.5
>=8000	12.2	53.7	58.3	60.0	60.3	60.3	60.5	60.5	60.5	60.5
>=7000	12.3	55.1	59.9	61.5	62.0	62.0	62.2	62.2	62.2	62.2
>=6000	12.5	55.7	60.6	62.3	62.7	62.7	63.0	63.0	63.0	63.0
>=5000	12.5	56.0	61.0	62.7	63.2	63.2	63.4	63.4	63.4	63.4
>=4500	12.5	56.3	61.3	63.1	63.5	63.5	63.7	63.7	63.7	63.7
>=4000	12.7	57.0	62.1	63.9	64.4	64.4	64.7	64.7	64.7	64.7
>=3500	13.0	58.1	63.2	65.2	65.6	65.6	65.9	65.9	65.9	65.9
>=3000	14.2	63.9	69.8	72.3	73.0	73.0	73.4	73.4	73.4	73.4
>=2500	15.2	70.1	77.1	79.9	80.8	80.9	81.5	81.5	81.5	81.5
>=2000	16.4	76.4	84.2	87.8	89.1	89.2	89.7	89.9	89.9	89.9
>=1800	16.5	76.6	84.6	88.1	89.4	89.5	90.1	90.2	90.2	90.2
>=1500	17.1	79.3	87.4	91.0	92.6	92.7	93.3	93.4	93.4	93.4
>=1200	17.1	79.9	88.1	91.6	93.3	93.5	94.0	94.2	94.2	94.2
>=1000	17.2	81.3	89.6	93.5	95.1	95.4	96.0	96.4	96.5	96.5
>=900	17.2	81.4	89.7	93.6	95.4	95.6	96.3	96.4	96.5	96.5
>=800	17.2	81.9	90.3	94.3	96.4	96.6	97.2	97.4	97.4	97.4
>=700	17.2	81.9	90.3	94.3	96.5	96.7	97.4	97.5	97.5	97.5
>=600	17.2	81.9	90.4	94.6	96.9	97.1	98.0	98.1	98.1	98.1
>=500	17.2	81.9	90.4	94.6	96.9	97.1	98.1	98.5	98.5	98.5
>=400	17.2	82.0	90.5	94.7	97.0	97.4	98.5	98.9	98.9	98.9
>=300	17.2	82.0	90.5	94.7	97.0	97.4	98.5	98.9	98.9	98.9
>=200	17.2	82.0	90.5	94.7	97.0	97.4	98.5	98.9	98.9	98.9
>=100	17.2	82.0	90.5	94.7	97.0	97.4	98.5	98.9	98.9	98.9
>=0	17.2	82.0	90.5	94.7	97.0	97.4	98.5	98.9	98.9	98.9

TOTAL NO. OF OBS : 907

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : AUG
HOUR : 1900 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	9.6	42.0	47.2	48.8	49.5	49.8	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
>=20000	9.6	49.8	56.9	58.8	59.9	60.4	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=18000	9.6	50.2	57.2	59.3	60.5	61.0	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=16000	9.8	50.3	57.3	59.5	60.6	61.1	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=14000	10.1	51.6	58.8	60.9	62.0	62.5	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=12000	10.6	53.2	60.9	63.1	64.3	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>=10000	11.0	58.4	66.6	69.1	70.3	70.7	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>=9000	11.0	58.6	66.9	69.3	70.5	71.0	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=8000	11.6	64.4	73.4	76.1	77.6	78.0	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>=7000	12.0	65.5	74.5	77.2	78.7	79.2	79.6	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>=6000	12.1	65.9	75.0	77.8	79.3	79.9	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>=5000	12.1	66.9	75.9	78.8	80.4	81.0	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>=4500	12.1	67.0	76.0	79.1	80.6	81.2	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>=4000	12.1	67.9	77.0	80.3	81.9	82.5	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=3500	12.2	69.2	78.4	81.7	83.4	84.0	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>=3000	12.3	71.3	81.2	85.0	87.0	87.7	88.0	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
>=2500	12.6	73.2	83.4	87.3	89.4	90.1	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=2000	12.7	75.2	85.8	90.0	92.2	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>=1800	12.7	75.3	85.9	90.1	92.4	93.1	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>=1500	12.8	76.3	87.2	91.4	93.7	94.5	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>=1200	12.8	76.9	87.9	92.2	94.5	95.3	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>=1000	12.8	77.6	88.6	93.1	95.3	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=900	12.8	77.6	88.6	93.1	95.3	96.1	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=800	12.8	77.6	88.6	93.1	95.4	96.2	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=700	12.8	77.7	88.7	93.2	95.8	96.7	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=600	12.9	77.8	88.8	93.4	96.0	96.9	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>=500	12.9	77.9	89.1	93.7	96.5	97.4	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=400	12.9	78.0	89.2	93.8	96.6	97.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=300	12.9	78.0	89.2	93.8	96.6	97.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=200	12.9	78.0	89.2	93.8	96.6	97.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=100	12.9	78.0	89.2	93.8	96.6	97.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>=0	12.9	78.0	89.2	93.8	96.6	97.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 851

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	1.4	48.5	55.6	58.7	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>=20000	1.4	53.6	62.5	66.6	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>=18000	1.4	53.9	62.8	67.0	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=16000	1.4	53.9	62.8	67.0	68.9	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>=14000	1.6	54.5	63.5	67.8	69.6	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=12000	1.6	55.2	64.5	68.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=10000	1.6	58.6	68.5	73.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 9000	1.6	58.6	68.5	73.0	75.0	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 8000	1.6	62.9	73.6	78.9	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 7000	1.6	63.4	74.0	79.3	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 6000	1.6	63.4	74.0	79.3	81.9	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 5000	1.6	63.8	74.4	79.8	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 4500	1.6	63.8	74.4	79.8	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 4000	1.6	65.5	76.4	81.8	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>= 3500	1.7	66.5	77.4	82.7	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 3000	2.0	69.3	81.8	87.7	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>= 2500	2.0	70.2	83.0	89.0	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 2000	2.0	71.9	85.1	91.5	94.9	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>= 1800	2.0	71.9	85.3	91.7	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 1500	2.0	72.1	85.9	92.5	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 1200	2.0	72.1	86.0	92.6	96.0	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 1000	2.0	72.4	86.3	93.2	96.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 900	2.0	72.4	86.3	93.2	96.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 800	2.0	72.4	86.3	93.2	97.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 700	2.0	72.4	86.3	93.4	97.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>= 600	2.0	72.4	86.3	93.4	97.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>= 500	2.0	72.6	86.4	93.5	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 400	2.0	72.7	86.6	93.6	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 300	2.0	72.7	86.6	93.6	98.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 200	2.0	72.7	86.6	93.6	98.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 100	2.0	72.7	86.6	93.6	98.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 0	2.0	72.7	86.6	93.6	98.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NO. OF OBS : 707

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : AUG
 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	5.9	37.8	44.1	47.3	48.8	49.0	49.6	49.9	49.9	50.1	50.2	50.2	50.2	50.2	50.3	50.4
>=20000	6.0	42.5	49.9	53.6	55.7	55.9	56.8	57.1	57.2	57.4	57.4	57.4	57.6	57.6	57.7	57.7
>=18000	6.1	42.7	50.1	53.9	55.9	56.2	57.0	57.4	57.4	57.6	57.7	57.7	57.8	57.8	57.9	58.0
>=16000	6.1	42.7	50.1	53.9	56.0	56.2	57.1	57.4	57.4	57.7	57.7	57.7	57.8	57.9	58.0	58.0
>=14000	6.3	43.3	50.8	54.6	56.6	56.9	57.8	58.1	58.1	58.4	58.4	58.4	58.5	58.5	58.7	58.7
>=12000	6.5	44.3	52.1	56.0	58.1	58.3	59.2	59.5	59.5	59.8	59.8	59.8	59.9	59.9	60.1	60.1
>=10000	7.0	48.2	56.5	60.7	62.9	63.2	64.1	64.5	64.5	64.7	64.8	64.8	64.9	64.9	65.0	65.1
>= 9000	7.1	48.5	56.8	61.0	63.2	63.5	64.4	64.8	64.8	65.0	65.1	65.1	65.2	65.2	65.4	65.4
>= 8000	7.4	52.5	61.6	66.0	68.6	68.9	69.8	70.2	70.2	70.5	70.5	70.5	70.7	70.7	70.8	70.9
>= 7000	7.5	53.2	62.4	66.9	69.5	69.8	70.8	71.2	71.2	71.4	71.5	71.5	71.6	71.6	71.8	71.8
>= 6000	7.6	53.4	62.6	67.1	69.8	70.1	71.0	71.4	71.5	71.7	71.8	71.8	71.9	71.9	72.0	72.1
>= 5000	7.6	54.1	63.3	67.9	70.6	70.9	71.9	72.3	72.3	72.6	72.6	72.6	72.7	72.7	72.9	72.9
>= 4500	7.6	54.2	63.4	68.0	70.7	71.1	72.0	72.4	72.4	72.7	72.8	72.8	72.9	72.9	73.0	73.1
>= 4000	7.7	55.1	64.5	69.1	71.9	72.2	73.1	73.6	73.6	73.8	73.9	73.9	74.0	74.1	74.2	74.2
>= 3500	7.8	55.8	65.3	70.0	72.8	73.1	74.1	74.5	74.5	74.8	74.8	74.8	75.0	75.0	75.1	75.2
>= 3000	8.3	59.0	69.3	74.5	77.4	77.8	78.9	79.4	79.4	79.7	79.7	79.7	79.9	79.9	80.0	80.1
>= 2500	8.9	62.5	73.3	78.6	81.8	82.2	83.3	83.8	83.8	84.1	84.1	84.1	84.3	84.3	84.4	84.5
>= 2000	9.8	66.7	78.0	83.9	87.3	87.7	88.9	89.4	89.4	89.7	89.8	89.8	90.0	90.0	90.1	90.2
>= 1800	9.9	66.9	78.3	84.1	87.5	88.0	89.2	89.7	89.7	90.0	90.1	90.1	90.2	90.3	90.4	90.5
>= 1500	10.3	68.8	80.5	86.6	90.1	90.6	91.9	92.4	92.4	92.7	92.8	92.8	93.0	93.0	93.1	93.2
>= 1200	10.5	69.4	81.2	87.4	91.0	91.5	92.9	93.3	93.3	93.7	93.8	93.8	94.0	94.0	94.1	94.2
>= 1000	10.5	70.6	82.6	89.1	92.8	93.3	94.8	95.3	95.3	95.8	95.9	95.9	96.1	96.1	96.2	96.3
>= 900	10.5	70.7	82.8	89.3	93.1	93.5	95.1	95.6	95.6	96.0	96.1	96.1	96.3	96.3	96.5	96.5
>= 800	10.5	70.9	83.1	89.6	93.6	94.1	95.7	96.2	96.2	96.7	96.7	96.7	97.0	97.0	97.1	97.2
>= 700	10.5	71.0	83.2	89.7	93.8	94.3	96.0	96.5	96.5	97.0	97.1	97.1	97.4	97.4	97.5	97.6
>= 600	10.6	71.0	83.3	89.9	94.1	94.6	96.7	96.8	96.8	97.4	97.5	97.5	97.8	97.8	98.0	98.0
>= 500	10.6	71.2	83.6	90.3	94.5	95.1	97.0	97.6	97.6	98.1	98.3	98.3	98.6	98.7	98.8	98.9
>= 400	10.6	71.2	83.7	90.4	94.7	95.3	97.2	97.9	97.9	98.5	98.7	98.7	99.1	99.1	99.3	99.4
>= 300	10.6	71.3	83.7	90.5	94.9	95.5	97.4	98.1	98.1	98.8	99.0	99.0	99.4	99.4	99.6	99.7
>= 200	10.6	71.3	83.7	90.5	94.9	95.5	97.5	98.1	98.1	98.8	99.1	99.1	99.5	99.5	99.7	99.8
>= 100	10.6	71.3	83.7	90.5	94.9	95.5	97.5	98.1	98.2	98.8	99.2	99.2	99.5	99.5	99.8	100.0
>= 0	10.6	71.3	83.7	90.5	94.9	95.5	97.5	98.1	98.2	98.8	99.2	99.2	99.5	99.5	99.8	100.0

TOTAL NO. OF OBS : 6634

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 0100 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	3.0	6.2	3.5	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.3	5.6
NNE	3.0	3.2	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.1
NE	1.7	3.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.6
ENE	1.3	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.8
E	2.6	1.6	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.2
ESE	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.7
SE	.3	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
SSE	.7	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.5
S	1.3	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.8
SSW	1.4	1.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.4
SW	3.2	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	3.2
WSW	3.3	1.6	.4	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.0
W	1.9	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	3.7
WNW	.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
NW	1.2	.7	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.9
MNW	1.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.8
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	33.3	.0
ALL	27.4	25.8	11.1	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.1

TOTAL NO. OF OBS : 694

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV.: 24 FT
MONTH : SEP
HOUR : 0400 LST

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

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	16-17	18-19	20-21	22-23	24-25	26-27	28-29	30-31	32-33	34-35	36-37	38-39	40-41	42-43	44-45	46-47		
N	4.9	6.6	3.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7	5.0
NNE	3.0	4.7	1.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	4.8
NE	1.4	2.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.3
ENE	.9	1.1	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.8
E	.7	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
ESE	.0	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.3
SE	.1	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.2
SSE	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.3
S	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.9
SSW	.9	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.8
SW	2.2	1.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.4
WSW	2.6	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	3.6
W	2.3	2.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	3.8
WNW	1.3	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.1
NW	1.3	1.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.2
NNW	2.6	2.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	4.2
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	32.3	.0
ALL	25.3	29.3	11.1	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103.0	3.1

TOTAL NO. OF OBS : 696

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 0700 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 (KNOTS)														%	SPEED
N	4.6	5.6	5.3	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	16.2	5.6	
NNE	3.7	4.9	3.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13.4	5.8	
NE	2.2	3.7	2.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.3	
ENE	1.4	1.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.7	
E	1.5	.7	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.8	
ESE	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.3	
SE	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.9	
SSE	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.4	
S	.5	1.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.4	
SSW	.3	.9	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.1	
SW	2.5	1.4	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.5	
WSW	2.1	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.8	
W	2.1	3.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.8	
WNW	.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.9	
NW	1.0	1.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.3	
NNW	2.8	2.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	5.0	
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	24.1	.0	
ALL	26.5	28.8	16.9	3.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.9	

TOTAL NO. OF OBS : 913

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 1000 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 WIND SPEED
DIR.											22-27	28-33	34-40	41-47	48-55	>=56					
N		.8				4.4		3.4	1.2	.1	.1	.0	.0	.0	.0	.0	10.0	7.2			
NNE		1.5				5.5		5.9	1.9	.1	.0	.0	.0	.0	.0	.0	14.9	7.1			
NE		2.0				5.2		5.5	1.9	.0	.0	.0	.0	.0	.0	.0	14.5	7.0			
ENE		1.5				2.5		1.9	.2	.0	.0	.0	.0	.0	.0	.0	6.1	5.9			
E		3.4				3.4		1.8	.5	.0	.0	.0	.0	.0	.0	.0	9.1	4.9			
ESE		1.3				1.9		.8	.3	.1	.0	.0	.0	.0	.0	.0	4.4	5.5			
SE		.4				1.8		.7	.3	.0	.0	.0	.0	.0	.0	.0	3.2	5.9			
SSE		.3				.2		.7	.1	.1	.0	.0	.0	.0	.0	.0	1.4	8.4			
S		.5				1.0		1.2	.1	.0	.0	.0	.0	.0	.0	.0	2.9	6.0			
SSW		.2				1.2		.9	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.8			
SW		.8				1.3		1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.9			
WSW		.8				2.9		1.5	.7	.0	.0	.0	.0	.0	.0	.0	5.8	6.5			
W		2.0				3.1		1.1	.4	.0	.0	.0	.0	.0	.0	.0	6.6	5.3			
WNW		.8				1.6		.4	.1	.0	.0	.0	.0	.0	.0	.0	3.0	5.0			
NW		1.3				.5		.8	.2	.0	.0	.0	.0	.0	.0	.0	2.9	5.1			
NNW		1.6				2.4		.8	.3	.1	.0	.0	.0	.0	.0	.0	5.3	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	4.3	.0			
ALL		19.3				38.8		28.4	8.6	.5	.1	.0	.0	.0	.0	.0	100.0	5.9			

TOTAL NO. OF OBS : 912

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 1300 LST

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

SPEED (KNOTS)													TOTAL Σ	MEAN WIND SPEED
16 PT. DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56			
N	.7	3.4	3.1	1.0	.0	.0	.0	.0	.0	.0	.0	8.1	7.3	
NNE	1.1	3.2	3.5	1.6	.0	.0	.0	.0	.0	.0	.0	9.4	7.4	
NE	1.2	3.8	4.3	2.1	.0	.0	.0	.0	.0	.0	.0	11.4	7.4	
ENE	1.1	3.4	3.0	.7	.0	.0	.0	.0	.0	.0	.0	8.1	6.5	
E	1.9	3.8	2.0	.5	.1	.0	.0	.0	.0	.0	.0	8.3	5.8	
ESE	1.3	3.5	1.3	.4	.0	.1	.0	.0	.0	.0	.0	6.7	5.6	
SE	2.2	2.9	2.9	.7	.0	.0	.0	.0	.0	.0	.0	8.6	6.2	
SSE	1.3	2.3	1.6	.9	.0	.0	.0	.0	.0	.0	.0	6.1	6.5	
S	.4	2.1	1.9	.9	.1	.1	.0	.0	.0	.0	.0	5.5	7.9	
SSW	.7	1.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.0	
SW	.4	1.6	1.1	.4	.0	.0	.0	.0	.0	.0	.0	3.6	6.7	
WSW	.4	1.5	1.3	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.5	
W	.8	1.8	2.4	.4	.0	.0	.0	.0	.0	.0	.0	5.4	6.7	
WNW	.4	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.2	6.2	
NW	.3	.8	.7	.1	.1	.0	.0	.0	.0	.0	.0	2.0	6.9	
NNW	.7	2.1	2.1	.0	.1	.0	.0	.0	.0	.0	.0	4.9	6.3	
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
CCLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	
ALL	14.9	38.1	33.3	10.1	.4	.2	.0	.0	.0	.0	.0	100.0	6.5	

TOTAL NO. OF OBS : 911

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 1600 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
									22-27	28-33	34-40	41-47	48-55	>56	
N	1.2		3.5			2.5	.7	.1	.0	.0	.1	.0	.0	.0	8.1
NNE	.8		3.0			4.3	1.2	.1	.0	.0	.0	.0	.0	.0	9.4
NE	.8		3.0			3.9	1.3	.1	.0	.0	.0	.0	.0	.0	9.0
ENE	1.0		3.0			2.9	.8	.0	.0	.0	.0	.0	.0	.0	7.6
E	.7		2.8			2.4	.6	.0	.0	.0	.0	.0	.0	.0	6.8
ESE	1.0		2.1			1.5	.6	.1	.1	.0	.0	.0	.0	.0	6.4
SE	.3		3.5			3.9	.3	.0	.0	.0	.0	.0	.0	.0	5.4
SSE	.6		4.5			2.9	.4	.0	.0	.0	.0	.0	.0	.0	8.0
S	.9		5.2			6.4	1.3	.0	.1	.0	.0	.0	.0	.0	8.4
SSW	.7		1.2			2.9	.2	.0	.0	.0	.0	.0	.0	.0	13.9
SW	.4		.9			1.1	.2	.0	.0	.0	.0	.0	.0	.0	5.0
WSW	.1		1.3			.7	.0	.0	.0	.0	.0	.0	.0	.0	2.6
W	.7		1.5			1.4	.1	.0	.0	.0	.0	.0	.0	.0	2.1
WNW	.2		1.0			.2	.3	.0	.0	.0	.0	.0	.0	.0	3.7
NW	.2		1.4			.4	.1	.1	.0	.0	.0	.0	.0	.0	1.8
NNW	.7		1.0			1.1	.3	.0	.0	.0	.0	.0	.0	.0	2.3
VAR	.0		.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
CLM	.0		.0			.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ALL	10.1		38.9			38.4	8.5	.6	.2	.0	.1	.0	.0	.0	100.0

TOTAL NO. OF OBS : 908

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 1900 LST

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

DIR.	SPEED (KNOTS)																TOTAL Σ	MEAN WIND SPEED
	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		
N	2.0	3.2	2.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	6.2
NNE	1.6	3.9	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.6	5.3
NE	1.4	4.9	2.5	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	6.1
ENE	.9	2.8	2.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.0
E	1.0	3.2	2.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.7
ESE	.6	1.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.4
SE	2.0	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	4.4
SSE	3.7	2.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	3.6
S	7.1	3.5	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	3.6
SSW	3.2	4.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	4.1
SW	1.7	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.4
WSW	1.0	1.6	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.4
W	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.5
WNW	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.2
NW	.5	.2	.3	.0	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.4
NNW	.9	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.7
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	14.7	.0
ALL	29.1	36.0	17.1	2.3	.6	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	100.0	4.2

TOTAL NO. OF OBS : 883

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 HOUR : 2200 LST

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

16 PT.	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	%		
DIR.														
N	1.9	4.2	1.7	.4	.0	.1	.0	.0	.0	.0	.0	8.3	5.5	
NNE	1.4	4.7	2.7	.1	.0	.0	.0	.0	.0	.0	.0	9.0	5.6	
NE	2.0	3.7	2.3	.4	.0	.0	.0	.0	.0	.0	.0	8.5	5.3	
ENE	1.3	3.2	1.1	.1	.0	.0	.0	.0	.0	.0	.0	5.7	5.4	
E	2.0	4.0	1.1	.1	.0	.0	.0	.0	.0	.0	.0	7.3	5.1	
ESE	.9	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.1	
SE	1.0	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.0	5.4	
SSE	1.3	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.7	3.3	
S	2.9	1.4	.3	.0	.1	.0	.0	.0	.0	.0	.0	4.7	3.9	
SSW	3.2	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	5.7	3.5	
SW	4.3	1.9	.6	.0	.0	.0	.0	.0	.0	.0	.0	6.7	3.4	
WSW	2.1	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.4	3.8	
W	1.6	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	
WNW	.1	.7	.4	.0	.0	.1	.0	.0	.0	.0	.0	1.4	7.6	
NW	.3	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.0	8.1	
NNW	.6	1.6	.4	.4	.0	.0	.0	.0	.0	.0	.0	3.0	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	25.5	.0	
ALL	26.8	32.5	12.2	2.3	.4	.3	.0	.0	.0	.0	.0	100.0	3.6	

TOTAL NO. OF OBS : 698

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : SEP HOUR : ALL

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

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
N	2.3	4.5	3.2	.7	.1	.0*	.0	.0*	.0	.0	.0	10.9	6.1
NNE	2.0	4.1	3.4	.9	.0*	.0	.0	.0	.0	.0	.0	10.4	6.3
NE	1.6	3.8	3.0	.9	.0*	.0	.0	.0	.0	.0	.0	9.3	6.4
ENE	1.2	2.4	1.8	.3	.0	.0	.0	.0	.0	.0	.0	5.7	5.9
E	1.7	2.6	1.4	.3	.0*	.0	.0	.0	.0	.0	.0	6.0	5.4
ESE	.7	1.5	.6	.2	.0*	.0*	.0	.0	.0	.0	.0	3.1	5.6
SE	.9	1.5	1.2	.2	.0*	.0	.0	.0	.0	.0	.0	3.9	6.1
SSE	1.1	1.4	.8	.3	.0*	.0	.0	.0	.0	.0	.0	3.6	5.6
S	1.8	2.0	1.5	.3	.1	.0*	.0	.0	.0	.0	.0	5.7	5.7
SSW	1.3	1.7	.9	.0*	.0*	.0	.0	.0	.0	.0	.0	3.9	4.9
SW	1.8	1.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	4.3	4.7
WSW	1.5	1.8	.7	.2	.0	.0*	.0	.0	.0	.0	.0	4.1	4.9
W	1.5	1.9	.8	.2	.0*	.0	.0	.0	.0	.0	.0	4.5	5.0
WNW	.6	.8	.3	.1	.0	.0*	.0	.0	.0	.0	.0	1.8	5.2
NW	.7	.8	.5	.1	.1	.0	.0*	.0	.0	.0	.0	2.2	5.7
NNW	1.4	1.7	1.0	.2	.0*	.0	.0	.0	.0	.0	.0	4.3	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	16.3	.0
ALL	22.0	33.9	22.0	5.1	.5	.2	.0*	.0*	.0	.0	.0	100.0	4.8

TOTAL NO. OF OBS : 6615

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
UNLIMIT																
>=20000	.6	50.6	57.7	63.0	65.6	65.9	66.5	66.8	66.8	67.5	67.5	67.5	67.5	67.5	67.5	67.5
>=18000	.6	53.2	61.2	66.8	69.5	70.0	70.6	70.8	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=16000	.6	53.2	61.2	66.8	69.5	70.0	70.6	70.8	70.8	71.6	71.6	71.6	71.6	71.6	71.6	71.6
>=14000	.6	53.5	61.5	67.1	69.8	70.3	70.8	71.1	71.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>=12000	.6	54.4	62.4	68.1	70.8	71.3	71.9	72.2	72.2	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=10000	.6	56.3	64.6	70.3	73.2	73.6	74.2	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=9000	.6	56.3	64.6	70.3	73.2	73.6	74.2	74.5	74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>=8000	.6	58.7	67.5	73.3	76.2	76.7	77.3	77.6	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>=7000	.6	58.9	67.9	73.9	77.0	77.4	78.0	78.3	78.3	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>=6000	.6	58.9	67.9	74.1	77.1	77.6	78.1	78.4	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>=5000	.6	59.3	68.7	74.8	77.8	78.3	78.9	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>=4500	.6	60.2	69.7	75.8	78.9	79.3	79.9	80.3	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>=4000	.6	61.2	71.1	77.3	80.3	80.8	81.3	81.8	81.8	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>=3500	.6	61.4	71.4	77.6	80.6	81.0	81.8	82.2	82.2	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>=3000	.6	62.0	72.7	79.7	83.2	83.7	84.8	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>=2500	.6	62.8	73.9	81.0	84.8	85.3	86.6	87.0	87.0	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>=2000	.6	64.3	75.7	82.8	86.7	87.2	88.5	88.9	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=1800	.6	64.3	75.7	82.8	86.7	87.2	88.5	88.9	88.9	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>=1500	.6	65.0	76.8	84.1	88.0	88.6	90.1	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>=1200	.6	65.5	77.3	84.5	88.5	89.1	90.5	91.0	91.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>=1000	.6	66.2	78.6	86.3	90.8	91.4	93.4	93.9	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>=900	.6	66.3	79.0	86.9	91.4	92.0	94.0	94.5	94.5	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>=800	.6	66.6	79.7	87.3	92.1	92.7	94.9	95.5	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>=700	.6	66.8	79.6	87.6	92.4	93.0	95.3	95.9	95.9	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>=600	.6	67.1	80.2	88.5	93.3	93.9	96.2	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>=500	.6	67.1	80.3	88.8	93.6	94.2	96.5	97.1	97.1	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>=400	.6	67.2	80.5	88.9	93.9	94.5	97.1	97.7	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5
>=300	.6	67.2	80.8	89.2	94.2	94.8	97.5	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>=200	.6	67.2	80.8	89.4	94.5	95.0	97.8	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>=100	.6	67.2	80.8	89.4	94.5	95.0	97.8	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>=0	.6	67.2	80.8	89.4	94.5	95.0	97.8	98.4	98.4	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NO. OF OBS : 686

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 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	.4	38.6	48.8	55.1	58.5	58.9	61.2	61.8	62.0	63.0	63.1	63.1	63.1	63.1	63.6	63.7	64.0	64.3
>=20000	.4	40.2	50.9	57.4	61.2	61.7	64.3	64.9	65.0	66.0	66.3	66.3	66.3	66.3	66.9	67.1	67.3	67.6
>=18000	.4	40.2	50.9	57.4	61.2	61.7	64.3	64.9	65.0	66.0	66.3	66.3	66.3	66.3	66.9	67.1	67.3	67.6
>=16000	.4	40.2	50.9	57.4	61.2	61.7	64.3	64.9	65.0	66.0	66.3	66.3	66.3	66.3	66.9	67.1	67.3	67.6
>=14000	.4	40.2	50.9	57.4	61.2	61.7	64.3	64.9	65.0	66.0	66.3	66.3	66.3	66.3	66.9	67.1	67.3	67.6
>=12000	.4	41.0	51.6	58.6	62.4	62.8	65.5	66.0	66.2	67.2	67.5	67.5	67.5	67.5	68.1	68.2	68.5	68.8
>=10000	.6	42.9	54.5	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 9000	.6	42.9	54.5	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 8000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 7000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 6000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 5000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 4500	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 4000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 3500	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 3000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 2500	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 2000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 1800	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 1500	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 1200	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 1000	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 900	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 800	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 700	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 600	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 500	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 400	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 300	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 200	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 100	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4
>= 0	.6	43.2	54.1	61.8	65.7	66.3	69.0	69.5	69.7	70.8	71.1	71.1	71.1	71.1	71.7	71.9	72.2	72.4

TOTAL NO. OF OBS : 686

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/4	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0		
UNLIMITED	4.4	29.0	34.9	39.2	42.1	42.5	45.1	46.3	46.3	46.3	47.2	48.1	48.3	48.3	48.6	49.2	
>=20000	4.4	31.3	37.4	42.1	45.1	45.8	48.6	49.8	49.9	49.9	51.0	51.9	52.2	52.3	52.4	53.4	
>=18000	4.4	31.4	37.8	42.5	45.6	46.3	49.2	50.3	50.5	50.5	51.6	52.5	52.7	52.8	52.9	54.0	
>=16000	4.4	31.4	37.8	42.5	45.6	46.3	49.2	50.3	50.5	50.5	51.6	52.5	52.7	52.8	52.9	54.0	
>=14000	4.5	31.9	38.4	43.2	46.3	46.9	49.9	51.0	51.1	51.1	52.3	53.2	53.4	53.5	53.9	54.6	
>=12000	5.1	33.2	39.9	44.9	48.1	48.8	51.7	52.8	52.9	52.9	54.2	55.1	55.3	55.4	55.8	56.6	
>=10000	5.4	36.3	43.9	49.3	52.8	53.5	56.7	57.9	58.0	58.0	59.3	60.2	60.4	60.7	60.8	61.8	
>=9000	5.4	36.7	44.4	49.9	53.4	54.1	57.3	58.5	58.6	58.6	59.9	60.8	61.0	61.2	61.6	62.4	
>=8000	5.9	39.7	48.1	54.0	57.8	58.5	61.8	63.0	63.3	63.3	64.7	65.6	65.9	66.1	66.2	67.2	
>=7000	6.0	40.4	49.4	55.4	59.3	60.0	63.3	64.5	64.7	64.7	66.2	67.1	67.3	67.6	67.9	68.7	
>=6000	6.1	40.7	49.9	55.9	59.8	60.4	63.7	65.0	65.2	65.2	66.7	67.6	67.8	68.0	68.4	69.2	
>=5000	6.3	41.5	50.8	56.8	60.8	61.6	65.0	66.2	66.4	66.4	67.9	68.8	69.0	69.3	69.4	70.4	
>=4500	6.3	41.7	51.1	57.1	61.1	61.9	65.3	66.6	66.8	66.8	68.3	69.2	69.4	69.6	69.7	70.7	
>=4000	6.3	42.5	51.9	58.2	62.2	63.0	66.4	67.8	68.0	68.0	69.5	70.4	70.6	70.9	71.0	72.0	
>=3500	6.3	43.0	52.4	58.7	62.9	63.7	67.1	68.5	68.7	68.7	70.2	71.1	71.3	71.5	71.7	72.7	
>=3000	6.6	44.2	54.0	60.5	65.0	65.8	69.6	71.1	71.3	71.3	72.9	73.8	74.0	74.3	74.4	75.5	
>=2500	6.9	46.1	56.0	62.6	67.2	68.0	72.1	73.6	73.9	73.9	75.5	76.5	76.8	77.0	77.4	78.3	
>=2000	7.0	46.8	57.1	64.1	68.8	69.7	73.9	75.5	75.9	75.9	77.4	78.5	78.7	79.0	79.1	80.4	
>=1800	7.0	46.9	57.3	64.2	69.0	70.0	74.1	75.7	76.1	76.1	77.7	78.7	78.9	79.3	79.4	80.6	
>=1500	7.0	47.7	58.3	65.3	70.2	71.3	75.5	77.1	77.4	77.4	79.0	80.0	80.3	80.6	80.7	82.0	
>=1200	7.1	48.4	59.1	66.1	71.0	72.1	76.4	78.0	78.3	78.3	79.9	81.0	81.2	81.5	81.6	82.9	
>=1000	7.1	49.7	60.8	67.9	72.9	74.0	78.7	80.4	80.7	80.7	82.4	83.4	83.7	84.1	84.2	85.5	
>=900	7.1	49.8	60.9	68.0	73.0	74.1	78.9	80.6	81.0	81.0	82.7	83.7	83.9	84.4	84.5	85.7	
>=800	7.3	50.2	61.5	68.7	74.0	75.4	80.2	81.9	82.2	82.2	83.9	84.9	85.1	85.7	85.8	87.1	
>=700	7.4	50.8	62.2	69.7	75.1	76.4	81.3	83.0	83.3	83.3	85.0	86.1	86.4	87.0	87.1	88.3	
>=600	7.4	50.8	62.2	69.8	75.4	76.9	82.0	83.8	84.1	84.1	86.2	87.3	87.6	88.2	88.4	89.7	
>=500	7.4	51.0	62.8	70.7	76.8	78.2	83.9	86.1	86.4	86.4	88.5	89.7	90.0	90.6	90.8	92.2	
>=400	7.4	51.6	63.4	71.4	77.9	79.4	85.3	87.6	88.0	88.0	90.4	91.6	92.0	92.5	92.9	94.2	
>=300	7.4	51.6	63.5	71.5	78.2	79.7	85.8	88.7	89.0	89.0	91.5	92.9	93.2	94.1	94.4	96.0	
>=200	7.4	51.6	63.5	71.8	78.5	79.9	86.1	89.1	89.5	89.5	92.0	93.5	93.9	94.9	95.2	97.2	
>=100	7.4	51.6	63.5	71.8	78.5	79.9	86.1	89.1	89.5	89.5	92.0	93.5	93.9	95.2	95.6	98.8	
>=0	7.4	51.6	63.5	71.8	78.5	79.9	86.1	89.1	89.5	89.5	92.0	93.5	93.9	95.5	95.9	100.0	

TOTAL NO. OF OBS : 882

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8
UNLIMIT	10.0	39.9	45.2	47.2	47.6	47.6	47.6	47.6	47.6	47.6
>=20000	10.0	44.8	50.8	52.9	53.6	53.6	53.6	53.6	53.6	53.6
>=18000	10.0	44.2	51.0	53.0	53.7	53.7	53.7	53.7	53.7	53.7
>=16000	10.1	45.0	51.2	53.2	53.9	53.9	53.9	53.9	53.9	53.9
>=14000	10.7	45.8	52.1	54.1	54.8	54.8	54.8	54.8	54.8	54.8
>=12000	11.6	47.9	54.2	56.3	56.9	56.9	56.9	56.9	56.9	56.9
>=10000	12.5	51.3	57.9	60.1	60.8	60.8	60.8	60.8	60.8	60.8
>= 9000	12.6	51.6	58.3	60.4	61.1	61.1	61.1	61.1	61.1	61.1
>= 8000	13.0	54.9	61.9	64.1	64.8	64.8	64.8	64.8	64.8	64.8
>= 7000	13.3	55.6	62.7	65.1	65.8	65.8	65.8	65.8	65.8	65.8
>= 6000	13.4	56.6	63.8	66.2	67.0	67.0	67.0	67.0	67.0	67.0
>= 5000	13.4	56.7	64.0	66.4	67.2	67.2	67.2	67.2	67.2	67.2
>= 4500	13.4	57.4	64.9	67.3	68.1	68.1	68.1	68.1	68.1	68.1
>= 4000	13.6	58.5	66.1	68.7	69.4	69.4	69.4	69.4	69.4	69.4
>= 3000	14.0	61.9	69.7	72.4	73.3	73.3	73.3	73.3	73.3	73.3
>= 2500	15.7	65.8	74.4	77.6	78.5	78.5	78.5	78.5	78.5	78.5
>= 2000	16.7	69.8	78.7	82.0	82.9	83.3	83.3	83.3	83.3	83.3
>= 1800	16.7	73.3	82.4	85.8	86.9	87.1	87.6	87.6	87.6	87.6
>= 1500	17.6	74.6	84.2	87.7	89.0	89.2	89.6	89.6	89.6	89.6
>= 1200	17.6	76.4	86.7	90.9	92.2	92.4	93.0	93.0	93.0	93.0
>= 1000	18.0	77.0	87.4	91.9	93.3	93.6	94.1	94.1	94.1	94.1
>= 900	18.0	77.3	87.8	92.7	94.4	94.6	95.2	95.2	95.2	95.2
>= 800	18.2	77.7	88.7	94.0	95.9	96.2	96.7	96.7	96.7	96.7
>= 700	18.3	77.9	89.1	94.5	96.4	96.6	97.5	97.5	97.5	97.5
>= 600	18.4	78.0	89.4	95.0	97.1	97.3	98.4	98.4	98.4	98.4
>= 500	18.4	78.2	89.9	95.5	97.6	98.1	99.2	99.3	99.5	99.5
>= 400	18.4	78.4	90.0	95.6	97.9	98.3	99.4	99.5	99.9	99.9
>= 300	18.4	78.4	90.0	95.6	97.9	98.3	99.4	99.5	99.9	99.9
>= 200	18.4	78.4	90.0	95.6	97.9	98.3	99.4	99.5	99.9	99.9
>= 100	18.4	78.4	90.0	95.6	97.9	98.3	99.4	99.5	99.9	99.9
>= 0	18.4	78.4	90.0	95.6	97.9	98.3	99.4	99.5	99.9	99.9

TOTAL NO. OF OBS : 887

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1/4
UNLIMIT	8.6	33.2	34.7	35.0	35.3	35.3	35.3	35.3	35.3	35.3
>=20000	8.6	37.9	39.7	40.1	40.4	40.4	40.4	40.4	40.4	40.4
>=18000	8.6	38.3	40.1	40.6	40.8	40.8	40.8	40.8	40.8	40.8
>=16000	8.6	38.4	40.2	40.7	40.9	40.9	40.9	40.9	40.9	40.9
>=14000	9.0	39.1	40.9	41.4	41.6	41.6	41.6	41.6	41.6	41.6
>=12000	9.6	41.3	43.1	43.5	43.8	43.8	43.8	43.8	43.8	43.8
>=10000	10.9	44.3	46.4	47.1	47.3	47.3	47.3	47.3	47.3	47.3
>=9000	11.0	44.6	46.6	47.3	47.5	47.5	47.5	47.5	47.5	47.5
>=8000	11.7	47.3	49.4	50.1	50.3	50.3	50.3	50.3	50.3	50.3
>=7000	11.8	48.2	50.5	51.1	51.5	51.5	51.5	51.5	51.5	51.5
>=6000	11.8	48.5	50.8	51.5	51.8	51.8	51.8	51.8	51.8	51.8
>=5000	11.9	49.0	51.4	52.0	52.4	52.4	52.4	52.4	52.4	52.4
>=4500	11.9	49.8	52.2	52.8	53.2	53.2	53.2	53.2	53.2	53.2
>=4000	12.1	51.4	53.9	54.6	55.0	55.0	55.0	55.0	55.0	55.0
>=3500	12.4	52.7	55.3	56.1	56.6	56.6	56.6	56.6	56.6	56.6
>=3000	14.1	61.9	65.1	66.4	67.1	67.1	67.1	67.1	67.1	67.1
>=2500	17.9	70.7	74.7	76.4	77.2	77.2	77.2	77.2	77.2	77.2
>=2000	20.2	78.7	83.2	85.5	86.4	86.4	86.4	86.4	86.4	86.4
>=1800	20.4	79.1	83.7	85.9	86.7	86.7	86.7	86.7	86.7	86.7
>=1500	21.4	83.3	88.8	91.3	92.3	92.4	92.9	93.0	93.0	93.0
>=1200	21.8	84.4	89.8	92.3	93.4	93.5	94.0	94.1	94.1	94.1
>=1000	22.0	85.6	91.4	93.9	95.1	95.2	95.8	95.9	95.9	95.9
>=900	22.0	85.8	91.7	94.2	95.6	95.7	96.3	96.4	96.4	96.4
>=800	22.0	86.3	92.3	94.9	96.3	96.4	96.9	97.1	97.1	97.1
>=700	22.0	86.6	92.7	95.6	96.9	97.1	97.6	97.7	97.7	97.7
>=600	22.0	86.7	92.9	95.7	97.1	97.2	97.8	98.1	98.1	98.1
>=500	22.1	87.0	93.1	95.9	97.4	97.5	98.4	98.8	98.8	98.8
>=400	22.1	87.3	93.4	96.3	97.7	97.8	98.8	99.1	99.1	99.1
>=300	22.1	87.3	93.4	96.3	97.8	98.0	99.0	99.3	99.3	99.3
>=200	22.1	87.3	93.4	96.3	97.8	98.0	99.0	99.3	99.3	99.3
>=100	22.1	87.3	93.4	96.3	97.8	98.0	99.0	99.3	99.3	99.3
>=0	22.1	87.3	93.4	96.3	97.8	98.0	99.0	99.3	99.3	99.3

TOTAL NO. OF OBS : 882

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	10.2	41.8	43.2	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
>=20000	10.2	47.3	48.8	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
>=18000	10.3	47.8	49.4	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
>=16000	10.3	48.0	49.6	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
>=14000	10.4	48.6	50.2	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
>=12000	11.2	51.5	53.2	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=10000	12.1	55.3	56.9	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>= 9000	12.3	55.6	57.2	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>= 8000	13.1	59.6	61.3	62.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>= 7000	13.6	61.1	62.9	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
>= 6000	13.7	61.4	63.2	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 5000	14.0	62.5	64.4	65.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>= 4500	14.1	63.1	65.2	66.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>= 4000	14.7	64.9	67.1	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 3500	15.0	66.4	68.7	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 3000	16.3	72.4	75.6	77.1	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 2500	17.4	77.2	81.0	82.8	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>= 2000	18.7	81.7	85.9	87.9	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 1800	18.9	81.9	86.1	88.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
>= 1500	19.5	84.7	89.1	91.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 1200	19.5	85.3	89.9	92.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 1000	19.8	86.5	91.3	93.9	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 900	19.8	86.5	91.3	93.9	95.3	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 800	19.8	86.7	91.8	94.5	95.9	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 700	19.9	87.3	92.4	95.2	96.7	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 600	19.9	87.4	92.6	95.4	97.0	97.5	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 500	19.9	87.5	92.7	95.9	97.5	97.9	98.4	98.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3
>= 400	19.9	87.5	92.7	96.0	97.7	98.2	98.6	99.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5
>= 300	19.9	87.5	92.7	96.0	97.7	98.2	98.6	99.1	99.1	99.4	99.4	99.7	99.7	99.8	99.8	99.8
>= 200	19.9	87.5	92.7	96.0	97.7	98.2	98.6	99.1	99.1	99.4	99.4	99.8	99.8	99.9	99.9	99.9
>= 100	19.9	87.5	92.7	96.0	97.7	98.2	98.6	99.1	99.1	99.5	99.5	99.9	99.9	100.0	100.0	100.0
>= 0	19.9	87.5	92.7	96.0	97.7	98.2	98.6	99.1	99.1	99.5	99.5	99.9	99.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 873

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 20 FT
MONTH : SEP
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	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16
UNLIMIT	9.0	47.9	52.4	53.4	54.2	54.4	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=20000	9.0	53.9	58.9	60.0	60.8	61.0	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=18000	9.0	54.1	59.0	60.2	61.0	61.2	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=16000	9.0	54.1	59.0	60.2	61.1	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=14000	9.3	54.4	59.6	60.9	61.8	62.1	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
>=12000	9.7	56.3	61.5	62.8	63.7	64.0	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=10000	10.6	60.9	66.3	67.6	68.6	68.8	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
>= 9000	10.6	61.1	66.5	67.8	68.8	69.0	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 8000	11.2	65.3	71.4	72.8	73.9	74.1	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 7000	11.3	66.0	72.2	73.7	74.8	75.0	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>= 6000	11.3	66.5	72.8	74.3	75.4	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 5000	11.3	67.5	74.0	75.6	76.7	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
>= 4500	11.3	67.8	74.3	76.1	77.1	77.4	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 4000	11.4	69.5	76.1	78.0	79.0	79.3	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 3500	11.5	70.8	77.4	79.4	80.6	80.8	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>= 3000	12.0	73.7	80.7	82.8	84.0	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>= 2500	12.4	76.2	83.3	85.6	86.8	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
>= 2000	12.5	78.0	85.3	87.9	89.4	89.9	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
>= 1800	12.5	78.0	85.3	88.0	89.5	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 1500	12.7	80.0	87.4	90.2	91.9	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1200	12.7	80.2	87.6	90.5	92.1	92.6	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 1000	12.7	80.8	88.2	91.8	93.8	94.2	95.1	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
>= 900	12.7	81.0	88.6	92.2	94.2	94.7	95.5	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>= 800	12.8	81.2	88.9	92.7	94.7	95.3	96.1	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 700	12.8	81.7	89.8	93.6	95.6	96.2	97.2	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 600	12.8	81.7	89.9	93.8	95.8	96.3	97.4	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 500	12.8	81.9	90.2	94.1	96.3	96.9	98.0	98.4	98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2
>= 400	12.8	81.9	90.2	94.1	96.3	96.9	98.1	98.5	98.5	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 300	12.8	81.9	90.2	94.3	96.7	97.3	98.5	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	12.8	81.9	90.2	94.3	96.7	97.3	98.5	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 100	12.8	81.9	90.2	94.3	96.7	97.3	98.5	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 0	12.8	81.9	90.2	94.3	96.7	97.3	98.5	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NO. OF OBS : 849

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	1.2	53.4	59.9	63.1	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=20000	1.2	56.7	63.5	66.9	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=18000	1.2	56.7	63.5	66.9	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=16000	1.2	56.7	63.5	66.9	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>=14000	1.2	57.0	63.8	67.1	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>=12000	1.2	58.5	65.4	68.7	70.3	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=10000	1.2	62.1	69.5	72.9	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 9000	1.2	62.2	69.6	73.1	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>= 8000	1.2	65.7	74.5	78.1	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
>= 7000	1.2	66.1	75.1	78.9	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 6000	1.2	66.1	75.1	79.0	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 5000	1.2	66.4	75.5	79.5	81.3	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 4500	1.2	66.6	75.8	79.7	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 4000	1.2	67.9	77.3	81.2	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 3500	1.2	69.3	78.7	82.6	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 3000	1.2	70.5	80.8	84.8	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2500	1.2	71.6	82.5	86.5	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 2000	1.2	72.9	84.2	88.7	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1800	1.2	72.9	84.2	88.7	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1500	1.3	74.2	85.8	90.9	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 1200	1.3	74.4	86.0	91.0	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 1000	1.3	75.4	87.4	92.9	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 900	1.3	75.4	87.7	93.2	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 800	1.4	75.5	88.0	93.8	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 700	1.4	75.5	88.1	94.1	96.5	96.5	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>= 600	1.4	75.7	88.6	94.5	97.0	97.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 500	1.4	76.0	88.9	94.8	97.4	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>= 400	1.4	76.0	88.9	94.8	97.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>= 300	1.4	76.0	88.9	94.8	97.7	97.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 200	1.4	76.0	89.0	94.9	97.8	97.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 100	1.4	76.0	89.0	94.9	97.8	97.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 0	1.4	76.0	89.0	94.9	97.8	97.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NO. OF OBS : 691

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : SEP
 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	6.0	41.3	46.3	49.0	50.4	50.6	51.3	51.5	51.6	51.9
>=20000	6.0	45.2	50.7	53.6	55.1	55.3	56.1	56.4	56.4	56.8
>=18000	6.0	45.4	50.9	53.8	55.4	55.6	56.4	56.7	56.7	57.0
>=16000	6.0	45.5	51.0	53.9	55.5	55.7	56.5	56.7	56.8	57.1
>=14000	6.2	45.9	51.6	54.5	56.0	56.3	57.1	57.3	57.3	57.7
>=12000	6.7	47.7	53.3	56.4	57.9	58.2	58.9	59.2	59.2	59.6
>=10000	7.3	50.9	57.0	60.2	61.8	62.1	62.9	63.2	63.6	63.8
>= 9000	7.3	51.1	57.2	60.4	62.1	62.3	63.1	63.4	63.8	64.0
>= 8000	7.7	54.3	60.9	64.3	66.0	66.3	67.1	67.4	67.9	68.1
>= 7000	7.9	55.0	61.9	65.3	67.2	67.4	68.3	68.6	69.0	69.2
>= 6000	7.9	55.2	62.1	65.6	67.5	67.7	68.6	68.9	69.3	69.5
>= 5000	8.0	55.9	63.0	66.5	68.4	68.6	69.5	69.8	69.9	70.3
>= 4500	8.0	56.4	63.5	67.0	68.9	69.2	70.1	70.4	70.8	71.0
>= 4000	8.1	57.5	64.8	68.4	70.4	70.6	71.5	71.8	71.9	72.3
>= 3500	8.3	58.5	65.9	69.6	71.6	71.8	72.7	73.0	73.1	73.5
>= 3000	8.8	61.9	69.8	73.8	76.1	76.4	77.4	77.8	78.3	78.5
>= 2500	9.8	65.2	73.5	77.8	80.1	80.4	81.6	81.9	82.0	82.5
>= 2000	10.5	68.2	77.0	81.5	84.0	84.4	85.6	86.0	86.1	86.5
>= 1800	10.5	68.3	77.1	81.7	84.2	84.6	85.8	86.2	86.2	86.7
>= 1500	10.9	70.4	79.6	84.3	87.0	87.4	88.7	89.0	89.1	89.6
>= 1200	11.0	71.0	80.4	85.1	87.8	88.2	89.5	89.9	90.0	90.5
>= 1000	11.1	72.1	81.8	86.9	89.8	90.2	91.8	92.2	92.3	92.8
>= 900	11.1	72.2	82.1	87.3	90.2	90.7	92.2	92.7	93.3	93.5
>= 800	11.2	72.5	82.5	87.8	90.9	91.4	93.0	93.5	94.1	94.5
>= 700	11.2	72.9	83.0	88.6	91.7	92.2	93.9	94.4	95.0	95.2
>= 600	11.2	73.0	83.5	88.9	92.1	92.6	94.4	95.0	95.7	95.9
>= 500	11.2	73.2	83.6	89.4	92.7	93.2	95.2	95.9	96.0	96.8
>= 400	11.2	73.3	83.8	89.7	93.2	93.7	95.8	96.6	97.0	97.5
>= 300	11.2	73.4	83.9	89.8	93.4	94.0	96.1	97.0	97.2	98.1
>= 200	11.2	73.4	83.9	89.9	93.5	94.0	96.2	97.1	97.2	98.5
>= 100	11.2	73.4	84.0	89.9	93.5	94.1	96.3	97.1	97.2	98.6
>= 0	11.2	73.4	84.0	89.9	93.5	94.1	96.3	97.1	97.2	98.6

TOTAL NO. OF OBS : 6436

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : 0100 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	4.3	5.3	2.8	.8	.0	.1	.0	.0	.0	.0	13.5	5.3
NNE	1.7	3.2	1.5	.6	.1	.0	.0	.0	.0	.0	7.2	5.8
NE	1.7	2.9	.8	.6	.0	.0	.0	.0	.0	.0	6.0	5.2
ENE	.8	1.8	.7	.1	.0	.0	.0	.0	.0	.0	3.5	5.2
E	1.4	1.7	.7	.1	.0	.0	.0	.0	.0	.0	3.9	4.8
ESE	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.7	6.0
SE	.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.6	5.0
SSE	.3	.8	.6	.1	.0	.0	.0	.0	.0	.0	1.8	6.3
S	.7	.7	.7	.0	.0	.0	.0	.0	.0	.0	2.1	5.2
SSW	1.4	1.1	.6	.0	.0	.0	.0	.0	.0	.0	3.1	4.1
SW	2.4	2.4	.7	.0	.0	.0	.0	.0	.0	.0	5.5	3.8
WSW	2.1	2.0	.7	.0	.0	.0	.0	.0	.0	.0	4.8	4.1
W	2.5	2.9	.6	.0	.0	.0	.0	.0	.0	.0	6.0	4.0
WNW	.6	1.1	.3	.0	.0	.0	.0	.0	.0	.0	2.0	4.4
NW	.8	2.0	.6	.0	.0	.0	.0	.0	.0	.0	3.4	4.8
NNW	2.1	2.4	1.4	.1	.0	.0	.0	.0	.0	.0	6.0	4.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	30.0	.0
ALL	23.1	31.0	13.0	2.5	.1	.1	.0	.0	.0	.0	100.0	3.4

TOTAL NO. OF OBS : 713

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : 0400 LST

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

16 PT.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	DIR.	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56				
N	4.9		8.1			4.8	.4	.0	.0	.0	.0	.0	.0	.0	18.2	5.2		
NNE	1.7		4.5			2.2	.7	.0	.0	.0	.0	.0	.0	.0	9.1	5.7		
NE	.8		2.2			1.5	.3	.0	.0	.0	.0	.0	.0	.0	4.9	6.0		
ENE	1.0		1.5			.1	.4	.0	.0	.0	.0	.0	.0	.0	3.1	5.1		
E	.7		.3			.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.4		
ESE	.0		.1			.1	.1	.0	.0	.0	.0	.0	.0	.0	.4	9.0		
SE	.1		.3			.1	.1	.0	.0	.0	.0	.0	.0	.0	.7	6.4		
SSE	.1		.6			.4	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.6		
S	.6		.3			.4	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.7		
SSW	1.4		1.1			.6	.1	.0	.0	.0	.0	.0	.0	.0	3.2	4.4		
SW	2.4		1.5			1.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.3		
WSW	1.8		1.8			.7	.0	.0	.0	.0	.0	.0	.0	.0	4.3	4.2		
W	2.7		2.4			1.1	.0	.0	.0	.0	.0	.0	.0	.0	6.2	4.2		
WNW	1.0		1.8			.3	.0	.1	.0	.0	.0	.0	.0	.0	3.2	4.8		
NW	1.4		1.1			1.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.7		
NNW	2.8		2.1			1.4	.1	.0	.1	.0	.0	.0	.0	.0	6.6	4.9		
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	27.9	.0		
ALL	23.4		29.9			16.0	2.5	.1	.1	.0	.0	.0	.0	.0	100.0	3.6		

TOTAL NO. OF OBS : 713

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

MONTH : OCT

HOUR : 0700 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	2	3	4	5	6		
N	4.8	5.8	5.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.5	5.7
NNE	2.7	4.1	3.9	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.3	6.5
NE	1.3	2.6	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.4
ENE	.4	1.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
E	.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.1
ESE	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	9.0
SE	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0
SSE	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.6
S	.6	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SSW	.2	.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.5
SW	1.2	1.9	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.3
WSW	2.2	1.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.3
W	2.8	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.4
WNW	.8	1.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
NW	1.5	1.3	.7	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.8
NNW	3.2	2.4	1.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.7	4.9
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	27.2	.0
ALL	23.4	26.9	18.2	4.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.0

TOTAL NO. OF OBS : 950

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : 1000 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	1.9	3.7	6.5	2.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	14.9	7.8
NNE	.8	3.3	6.0	2.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	13.0	8.3
NE	1.9	4.0	3.9	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	7.6
ENE	1.8	3.5	2.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.9	5.6
E	3.3	2.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	4.1
ESE	.8	1.1	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.4
SE	.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.4
SSE	.5	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.7
S	.2	.5	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	8.0
SSW	.3	.8	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	8.0
SW	.3	.8	1.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	8.1
WSW	.8	1.4	2.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.7
W	1.1	2.4	2.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.4
WNW	.5	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.6
NW	.4	1.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.9
NNW	1.3	1.7	2.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.1
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	6.8	.0
ALL	16.5	29.7	33.9	12.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 949

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

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

16 PT.		1	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		1.3	3.7		4.7	2.2	.2	.0	.0	.0	.0	.0	.0	12.1	7.9
NNE		.5	2.3		3.9	2.0	.3	.1	.0	.0	.0	.0	.0	9.2	8.8
NE		.8	2.6		3.5	1.9	.1	.0	.0	.0	.0	.0	.0	8.9	8.2
ENE		.9	2.5		2.2	1.1	.0	.0	.0	.0	.0	.0	.0	6.7	7.0
E		2.7	5.1		2.3	.0	.0	.0	.0	.0	.0	.0	.0	10.1	5.0
ESE		1.7	2.6		2.1	.6	.0	.0	.0	.0	.0	.0	.0	7.1	6.0
SE		1.2	2.2		1.3	.2	.0	.0	.0	.0	.0	.0	.0	4.8	5.5
SSE		.3	.8		1.1	.1	.0	.0	.0	.0	.0	.0	.0	2.3	6.7
S		.3	1.3		2.2	.8	.1	.0	.0	.0	.0	.0	.0	4.7	8.1
SSW		.3	1.1		1.3	.6	.0	.1	.0	.0	.0	.0	.0	3.4	8.5
SW		.3	1.1		.8	1.1	.2	.0	.0	.0	.0	.0	.0	3.5	9.1
WSW		.0	1.5		1.2	.5	.0	.0	.0	.0	.0	.0	.0	3.2	8.0
W		.3	1.6		3.7	1.2	.2	.0	.0	.0	.0	.0	.0	6.9	8.6
WNW		.8	1.8		1.2	.4	.1	.0	.0	.0	.0	.0	.0	4.3	6.9
NW		.5	1.3		2.3	.5	.1	.0	.0	.0	.0	.0	.0	4.7	7.6
NNW		.3	1.7		2.9	.7	.1	.0	.0	.0	.0	.0	.0	5.8	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	2.2	.0
ALL		12.4	33.1		36.6	14.0	1.5	.2	.0	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 950

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 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	1.2	2.9	4.6	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	8.1
NNE	1.2	3.3	3.5	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	7.2
NE	1.4	3.4	3.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.7	7.2
ENE	.8	2.1	2.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.9
E	.7	2.6	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.0
ESE	1.4	1.8	1.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.5
SE	1.1	3.7	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.9
SSE	.6	3.3	2.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	6.1
S	1.5	4.2	4.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	6.9
SSW	.3	1.2	2.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	8.2
SW	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.1
WSW	.3	1.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	7.2
W	.4	2.2	1.4	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.0
WNW	.0	1.4	1.3	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	8.5
NW	.6	1.3	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	7.1
NNW	.4	2.0	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	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	2.7	.0
ALL	12.2	36.9	36.5	10.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 950

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : 1900 LST

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

16 PT. DIR.	1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561	TOTAL	MEAN WIND SPEED
N	2.8	2.8	2.3	1.4	.1	.1	.0	.0	.0	.0	.0	9.5	6.7
NNE	1.3	2.1	2.9	1.2	.0	.0	.0	.0	.0	.0	.0	7.5	6.9
NE	1.2	3.7	3.5	.9	.1	.0	.0	.0	.0	.0	.0	9.4	6.7
ENE	.4	3.0	1.7	.2	.0	.0	.0	.0	.0	.0	.0	5.3	6.2
E	1.7	4.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	7.4	4.7
ESE	.9	.7	.3	.0	.1	.0	.0	.0	.0	.0	.0	2.0	5.2
SE	1.1	1.3	.3	.2	.0	.0	.0	.0	.0	.0	.0	2.9	4.9
SSE	1.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.3
S	3.3	2.9	1.2	.1	.0	.0	.0	.0	.0	.0	.0	7.5	4.2
SSW	2.6	1.7	1.6	.1	.0	.0	.0	.0	.0	.0	.0	6.0	4.8
SW	1.8	1.7	.6	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.3
WSW	1.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	3.2	3.7
W	1.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.8
WNW	.3	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.9
NW	.6	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.5	4.9
NNW	1.1	1.3	.6	.1	.0	.0	.0	.0	.0	.0	.0	3.1	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	22.2	.0
ALL	23.5	31.7	17.8	4.4	.3	.1	.0	.0	.0	.0	.0	100.0	4.2

TOTAL NO. OF OBS : 937

NOTES :
 # = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : 2200 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	4.2	3.8	2.9	.7	.0	.1	.0	.0	.0	.0	.0	11.7	5.6
NNE	2.1	4.9	2.6	.7	.0	.0	.0	.0	.0	.0	.0	10.3	5.8
NE	1.5	2.6	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	6.8	6.2
ENE	.7	2.6	1.4	.0	.0	.0	.0	.0	.0	.0	.0	4.7	5.6
E	2.2	3.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.4
ESE	.6	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
SE	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.3
SSE	.8	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.9	4.3
S	1.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.4
SSW	1.3	2.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	4.7	4.9
SW	2.4	2.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.4
WSW	2.1	1.5	1.3	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.4
W	2.5	2.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	5.7	3.9
WNW	.6	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.0
NW	.8	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.4
NNW	1.0	1.8	1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.2	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	25.5	.0
ALL	24.1	31.7	15.6	3.1	.0	.1	.0	.0	.0	.0	.0	100.0	3.8

TOTAL NO. OF OBS : 719

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : OCT
 HOUR : ALL

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	%		SPEED		
N		3.0		4.4		4.3		1.5		.1	.1	.0	.0	.0	.0	.0	13.4	6.6			
NNE		1.5		3.4		3.4		1.4		.1	.0*	.0	.0	.0	.0	.0	9.9	7.1			
NE		1.3		3.1		2.6		1.2		.1	.0	.0	.0	.0	.0	.0	8.3	7.0			
ENE		.9		2.3		1.6		.3		.0	.0	.0	.0	.0	.0	.0	5.1	6.1			
E		1.7		2.7		1.0		.1		.0	.0	.0	.0	.0	.0	.0	5.5	4.8			
ESE		.7		1.0		.7		.2		.0*	.0	.0	.0	.0	.0	.0	2.6	5.7			
SE		.6		1.2		.6		.1		.0	.0	.0	.0	.0	.0	.0	2.5	5.4			
SSE		.6		.9		.7		.1		.0	.0	.0	.0	.0	.0	.0	2.4	5.5			
S		1.0		1.5		1.3		.4		.0*	.0	.0	.0	.0	.0	.0	4.3	6.1			
SSW		.9		1.2		1.1		.3		.0	.0*	.0	.0	.0	.0	.0	3.5	6.2			
SW		1.3		1.5		.8		.2		.0*	.0	.0	.0	.0	.0	.0	3.9	5.4			
WSW		1.3		1.5		1.0		.2		.0*	.0	.0	.0	.0	.0	.0	4.1	5.3			
W		1.6		2.2		1.4		.3		.0*	.0	.0	.0	.0	.0	.0	5.5	5.6			
WNW		.6		1.4		.7		.2		.0*	.0	.0	.0	.0	.0	.0	2.9	6.1			
NW		.8		1.4		1.1		.3		.0*	.0	.0	.0	.0	.0	.0	3.6	6.0			
NNW		1.5		1.9		1.7		.4		.0*	.0*	.0	.0	.0	.0	.0	5.5	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	17.1	.0			
ALL		19.4		31.4		24.4		7.1		.5	.1	.0	.0	.0	.0	.0	100.0	5.1			

TOTAL NO. OF OBS : 6881

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8
>=1/2																
>=5/16																
>=1/4																
>=0																
UNLIMIT	.4	55.2	62.8	65.6	66.4	66.4	67.1	67.3	67.3	67.3	67.7	67.8	67.8	67.8	67.8	67.8
>=20000	.4	57.6	65.2	68.4	69.4	69.4	70.2	70.4	70.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9
>=18000	.4	57.6	65.2	68.4	69.4	69.4	70.2	70.4	70.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9
>=16000	.4	57.6	65.2	68.4	69.4	69.4	70.2	70.4	70.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9
>=14000	.4	57.6	65.2	68.4	69.4	69.4	70.2	70.4	70.4	70.4	70.8	70.9	70.9	70.9	70.9	70.9
>=12000	.4	58.0	65.6	68.8	69.8	69.8	70.6	70.8	70.8	70.8	71.2	71.3	71.3	71.3	71.3	71.3
>=10000	.4	59.7	67.4	70.8	71.8	71.8	72.6	72.8	72.8	72.8	73.2	73.3	73.3	73.3	73.3	73.3
>= 9000	.4	59.8	67.6	70.9	71.9	71.9	72.8	72.9	72.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5
>= 8000	.6	64.0	71.8	75.3	76.4	76.4	77.4	77.5	77.5	77.5	77.9	78.1	78.1	78.1	78.1	78.1
>= 7000	.6	65.2	73.0	76.5	77.7	77.7	78.7	78.8	78.8	78.8	79.2	79.4	79.4	79.4	79.4	79.4
>= 6000	.6	65.7	73.6	77.1	78.2	78.2	79.2	79.4	79.4	79.4	79.8	79.9	79.9	79.9	79.9	79.9
>= 5000	.6	66.2	74.2	77.7	78.8	78.8	79.8	79.9	79.9	79.9	80.3	80.5	80.5	80.5	80.5	80.5
>= 4500	.6	66.2	74.2	77.7	78.8	78.8	79.8	79.9	79.9	79.9	80.3	80.5	80.5	80.5	80.5	80.5
>= 4000	.6	67.4	75.4	78.9	80.1	80.1	81.0	81.2	81.2	81.2	81.6	81.7	81.7	81.7	81.7	81.7
>= 3500	.6	67.8	76.0	79.8	80.9	80.9	81.9	82.0	82.0	82.0	82.4	82.6	82.6	82.6	82.6	82.6
>= 3000	.6	68.5	77.4	81.5	82.6	82.6	83.6	83.7	83.7	83.7	84.1	84.3	84.3	84.3	84.3	84.3
>= 2500	.6	69.9	79.1	83.3	84.4	84.4	85.4	85.5	85.5	85.5	86.0	86.1	86.1	86.1	86.1	86.1
>= 2000	.6	71.2	80.9	85.4	86.7	86.7	87.6	87.8	87.8	87.8	88.2	88.3	88.3	88.3	88.3	88.3
>= 1800	.6	71.2	80.9	85.4	86.7	86.7	87.6	87.8	87.8	87.8	88.2	88.3	88.3	88.3	88.3	88.3
>= 1500	.6	72.1	82.0	86.8	88.2	88.2	89.2	89.3	89.3	89.3	89.7	89.9	89.9	89.9	89.9	89.9
>= 1200	.6	72.5	82.7	87.6	89.0	89.0	90.0	90.2	90.2	90.2	90.6	90.7	90.7	90.7	90.7	90.7
>= 1000	.6	73.3	84.3	89.6	91.0	91.0	92.4	92.6	92.6	92.6	93.0	93.1	93.1	93.1	93.1	93.1
>= 900	.6	73.5	84.4	89.7	91.4	91.4	93.0	93.1	93.1	93.1	93.5	93.7	93.7	93.7	93.7	93.7
>= 800	.6	73.7	85.4	90.7	92.4	92.4	94.0	94.2	94.2	94.2	94.7	94.8	94.8	94.8	94.8	94.8
>= 700	.6	74.0	85.8	91.2	93.0	93.0	94.7	94.9	94.9	94.9	95.5	95.6	95.6	95.6	95.6	95.6
>= 600	.6	74.0	86.1	91.4	93.3	93.3	95.2	95.5	95.5	95.5	96.2	96.3	96.3	96.3	96.3	96.3
>= 500	.6	74.2	86.2	91.9	93.7	93.7	95.6	95.9	95.9	95.9	96.8	96.9	96.9	96.9	96.9	96.9
>= 400	.6	74.2	86.2	92.0	93.8	93.8	95.8	96.1	96.1	96.1	96.9	97.1	97.1	97.1	97.1	97.1
>= 300	.6	74.4	86.5	92.4	94.4	94.4	96.5	96.8	96.8	96.8	97.9	98.0	98.0	98.0	98.0	98.0
>= 200	.6	74.4	86.5	92.4	94.5	94.5	96.6	96.9	96.9	96.9	98.0	98.3	98.3	98.3	98.3	98.3
>= 100	.6	74.4	86.5	92.4	94.5	94.5	96.6	96.9	96.9	96.9	98.0	98.3	98.3	98.3	98.3	98.3
>= 0	.6	74.4	86.5	92.4	94.5	94.5	96.6	96.9	96.9	96.9	98.0	98.3	98.3	98.3	98.3	98.3

TOTAL NO. OF OBS : 712

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : OCT
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	VISIBILITY (STATUTE MILES)										>=1/4	>=0
					>=3	>=2 1/2	>=2	>=1 1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4		
UNLIMIT	.3	47.3	54.6	59.6	61.1	61.1	62.0	62.5	62.5	63.5	63.5	63.8	63.8	64.2	64.9	
>=20000	.3	49.2	56.5	61.4	63.1	63.1	64.2	64.8	64.8	65.9	65.9	66.3	66.3	66.8	67.5	
>=18000	.3	49.2	56.5	61.4	63.1	63.1	64.2	64.8	64.8	65.9	65.9	66.3	66.3	66.8	67.5	
>=16000	.3	49.2	56.5	61.4	63.1	63.1	64.2	64.8	64.8	65.9	65.9	66.3	66.3	66.8	67.5	
>=14000	.3	49.2	56.5	61.4	63.1	63.1	64.2	64.8	64.8	65.9	65.9	66.3	66.3	66.8	67.5	
>=12000	.3	49.4	56.8	61.7	63.4	63.4	64.6	65.2	65.2	66.3	66.3	66.8	66.8	67.2	67.9	
>=10000	.3	51.1	58.6	63.7	65.5	65.5	66.8	67.3	67.3	68.5	68.5	68.9	68.9	69.3	70.0	
>= 9000	.3	51.1	58.6	63.7	65.5	65.5	66.8	67.3	67.3	68.5	68.5	68.9	68.9	69.3	70.0	
>= 8000	.3	54.2	62.4	67.6	69.9	69.9	71.1	71.7	71.7	72.8	72.8	73.2	73.2	73.7	74.4	
>= 7000	.3	55.2	63.4	68.7	71.0	71.0	72.3	72.8	72.8	73.9	73.9	74.4	74.4	74.8	75.5	
>= 6000	.3	55.9	64.1	69.4	71.7	71.7	73.0	73.5	73.5	74.6	74.6	75.1	75.1	75.5	76.2	
>= 5000	.3	56.2	64.6	70.0	72.3	72.3	73.5	74.1	74.1	75.2	75.2	75.6	75.6	76.1	76.8	
>= 4500	.3	56.6	65.1	70.6	73.0	73.0	74.2	74.8	74.8	75.9	75.9	76.3	76.3	76.8	77.5	
>= 4000	.3	57.6	66.2	71.7	74.1	74.1	75.4	75.9	75.9	77.0	77.0	77.5	77.5	77.9	78.6	
>= 3500	.3	57.9	66.5	72.0	74.4	74.4	75.8	76.3	76.3	77.5	77.5	77.9	77.9	78.3	79.0	
>= 3000	.3	59.9	68.6	74.4	76.9	76.9	78.3	78.9	78.9	80.1	80.1	80.7	80.7	81.1	81.8	
>= 2500	.3	60.4	69.4	75.4	77.9	77.9	79.3	79.9	79.9	81.1	81.1	81.7	81.7	82.1	82.8	
>= 2000	.3	62.0	71.7	78.2	81.0	81.0	82.4	83.0	83.0	84.2	84.2	84.4	84.4	85.2	85.9	
>= 1800	.3	62.3	72.0	78.5	81.3	81.3	82.7	83.2	83.2	84.5	84.5	84.6	84.6	85.1	85.9	
>= 1500	.3	63.4	73.8	80.4	83.2	83.2	84.8	85.4	85.4	86.6	86.6	86.8	86.8	87.2	88.2	
>= 1200	.3	63.7	74.5	81.1	84.1	84.1	85.6	86.2	86.2	87.5	87.5	87.6	87.6	88.0	89.2	
>= 1000	.3	63.9	74.9	82.5	85.6	85.6	87.5	88.0	88.0	89.3	89.3	89.4	89.4	89.9	91.0	
>= 900	.3	64.2	75.4	83.0	86.2	86.2	88.0	88.6	88.6	89.9	89.9	90.0	90.4	90.8	91.5	
>= 800	.3	64.4	76.2	83.8	87.5	87.5	89.3	89.9	89.9	91.1	91.1	91.3	91.7	92.1	92.8	
>= 700	.3	64.5	76.5	84.1	88.0	88.0	90.0	90.6	90.6	91.8	91.8	92.0	92.5	93.0	93.7	
>= 600	.3	64.5	76.5	84.6	88.9	88.9	90.8	91.4	91.4	92.7	92.7	92.8	93.4	93.8	94.5	
>= 500	.3	64.5	76.6	84.9	89.2	89.2	91.4	92.1	92.1	93.5	93.5	93.7	94.4	94.8	95.5	
>= 400	.3	64.6	77.0	85.4	89.7	89.7	92.3	93.0	93.0	94.4	94.4	94.5	95.2	95.6	96.3	
>= 300	.3	64.6	77.0	85.4	90.1	90.4	92.8	93.5	93.5	94.9	94.9	95.1	95.8	96.2	96.9	
>= 200	.3	64.6	77.0	85.6	90.4	90.7	93.1	93.8	93.8	95.2	95.2	95.5	96.5	96.9	97.7	
>= 100	.3	64.6	77.0	85.6	90.6	90.8	93.2	94.1	94.1	95.5	95.5	95.8	97.0	98.0	99.2	
>= 0	.3	64.6	77.0	85.6	90.6	90.8	93.2	94.1	94.1	95.5	95.5	95.8	97.2	98.3	100.0	

TOTAL NO. OF OBS : 710

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : OCT
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	6.1	38.7	45.7	48.8	50.7	51.0	52.0	52.7	52.8	53.4	53.8	53.9	54.0	54.0	54.0	54.2
>=20000	6.1	40.7	48.7	52.1	54.2	54.5	55.6	56.5	56.6	57.1	57.5	57.6	57.9	57.9	57.9	58.2
>=18000	6.1	40.7	48.7	52.1	54.2	54.5	55.6	56.6	56.7	57.2	57.6	57.8	58.0	58.0	58.0	58.3
>=16000	6.1	40.7	48.7	52.1	54.2	54.5	55.6	56.6	56.7	57.2	57.6	57.8	58.0	58.0	58.0	58.3
>=14000	6.1	41.1	49.0	52.4	54.5	54.9	55.9	56.9	57.0	57.5	58.0	58.1	58.3	58.3	58.3	58.6
>=12000	6.2	41.6	49.5	52.9	55.1	55.4	56.5	57.4	57.5	58.1	58.5	58.6	58.8	58.8	59.1	60.3
>=10000	6.5	44.0	52.1	55.9	58.1	58.4	59.7	60.7	60.9	61.4	61.8	61.9	62.1	62.1	62.5	63.6
>=9000	6.6	44.4	52.5	56.5	58.6	58.9	60.2	61.3	61.4	61.9	62.4	62.5	62.7	62.7	63.0	64.2
>=8000	7.2	47.8	56.8	61.3	63.9	64.2	65.5	66.6	66.7	67.3	67.7	67.8	68.0	68.0	68.4	69.6
>=7000	7.4	49.3	58.3	63.0	65.6	65.9	67.3	68.6	68.7	69.2	69.6	69.7	69.9	69.9	70.4	71.6
>=6000	7.4	49.3	58.3	63.0	65.6	65.9	67.3	68.6	68.7	69.2	69.6	69.7	69.9	69.9	70.4	71.6
>=5000	7.6	49.8	58.9	63.7	66.4	66.7	68.1	69.4	69.5	70.1	70.5	70.6	70.8	70.8	71.2	72.4
>=4500	7.6	50.3	59.4	64.2	66.8	67.2	68.6	69.8	69.9	70.5	70.9	71.0	71.2	71.2	71.2	72.8
>=4000	7.7	51.6	61.0	65.8	68.6	68.9	70.3	71.6	71.7	72.2	72.6	72.7	72.9	72.9	73.4	74.5
>=3500	7.7	52.2	61.6	66.5	69.5	69.8	71.2	72.5	72.6	73.2	73.6	73.7	73.9	73.9	74.3	75.5
>=3000	8.0	54.1	63.7	69.0	72.1	72.4	73.9	75.3	75.4	76.0	76.5	76.6	76.8	76.8	77.2	78.4
>=2500	8.1	55.1	64.9	70.4	73.5	73.8	75.3	76.8	76.9	77.5	78.1	78.2	78.4	78.4	78.8	80.0
>=2000	8.2	56.4	66.7	72.4	75.7	76.0	77.6	79.1	79.3	79.9	80.4	80.5	80.7	80.7	81.2	82.4
>=1800	8.2	56.4	66.7	72.4	75.7	76.0	77.6	79.1	79.3	79.9	80.4	80.5	80.7	80.7	81.2	82.4
>=1500	8.4	57.5	68.3	74.2	77.8	78.1	79.8	81.3	81.4	82.0	82.6	82.7	82.9	82.9	83.3	84.5
>=1200	8.7	57.9	68.7	74.7	78.4	78.9	80.6	82.1	82.2	82.9	83.4	83.5	83.7	83.7	84.2	85.3
>=1000	8.7	58.4	69.3	75.4	79.6	80.1	81.8	83.3	83.4	84.1	84.6	84.7	84.9	84.9	85.3	86.5
>=900	8.7	58.4	69.4	75.6	79.9	80.4	82.1	83.6	83.7	84.4	84.9	85.0	85.2	85.2	85.7	86.8
>=800	8.9	58.7	69.8	76.3	80.7	81.3	83.3	85.1	85.2	85.9	86.4	86.5	86.7	86.7	87.2	88.3
>=700	8.9	59.3	70.5	77.1	81.8	82.5	84.5	86.4	86.5	87.2	87.7	87.8	88.2	88.2	88.8	89.9
>=600	8.9	59.7	71.1	77.9	82.8	83.5	85.8	87.7	87.8	88.4	89.0	89.1	89.5	89.5	90.1	91.2
>=500	9.1	60.4	72.0	78.9	84.2	85.0	87.3	89.3	89.4	90.3	90.8	90.9	91.4	91.4	92.2	93.5
>=400	9.1	60.7	72.4	79.5	84.8	85.7	88.3	90.6	90.7	91.7	92.4	92.5	93.0	93.0	93.8	95.1
>=300	9.1	60.9	72.5	79.8	85.2	86.1	88.9	91.3	91.4	92.6	93.5	93.6	94.3	94.3	95.6	97.3
>=200	9.1	60.9	72.5	80.0	85.6	86.4	89.2	91.8	91.9	93.0	94.3	94.4	95.3	95.3	96.8	98.5
>=100	9.1	60.9	72.5	80.0	85.6	86.4	89.2	91.8	91.9	93.0	94.3	94.4	95.4	95.4	97.1	99.4
>=0	9.1	60.9	72.5	80.0	85.6	86.4	89.2	91.8	91.9	93.0	94.3	94.4	95.4	95.4	97.2	100.0

TOTAL NO. OF OBS : 935

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	14.4	50.8	53.3	53.9	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=20000	14.8	55.8	58.6	59.3	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=18000	14.8	56.4	59.1	59.9	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=16000	14.8	56.4	59.1	59.9	60.1	60.1	60.1	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=14000	14.9	56.5	59.3	60.1	60.3	60.3	60.3	60.3	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5
>=12000	15.2	57.3	60.2	61.1	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=10000	15.8	60.9	63.9	64.8	65.0	65.0	65.0	65.0	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=9000	15.9	61.4	64.5	65.5	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=8000	16.3	66.0	69.5	70.6	70.9	70.9	70.9	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>=7000	16.4	67.2	70.7	71.8	72.1	72.1	72.1	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>=6000	16.5	67.6	71.1	72.3	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>=5000	16.6	68.3	71.9	73.2	73.6	73.6	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>=4500	16.6	68.8	72.4	73.7	74.1	74.2	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>=4000	16.9	69.9	73.6	74.9	75.3	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>=3500	17.2	70.9	74.7	75.9	76.4	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>=3000	17.9	73.0	76.8	78.3	78.7	78.9	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>=2500	18.3	74.5	78.4	79.9	80.3	80.5	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>=2000	18.9	76.5	80.5	82.0	82.7	83.0	83.0	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=1800	18.9	76.7	80.7	82.2	82.9	83.2	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>=1500	19.6	78.5	82.8	84.4	85.1	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>=1200	19.9	79.6	84.1	85.7	86.4	86.8	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>=1000	20.0	82.4	87.1	88.8	89.8	90.3	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>=900	20.1	82.8	87.6	89.4	90.5	90.9	91.2	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>=800	20.3	83.9	88.9	90.8	91.9	92.3	92.7	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3
>=700	20.3	84.7	89.8	92.1	93.3	93.7	94.2	94.5	94.5	94.9	94.9	94.9	94.9	95.0	95.0	95.0
>=600	20.3	85.1	90.5	93.2	94.5	95.2	96.0	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0
>=500	20.4	85.8	91.4	94.7	96.1	97.0	98.0	98.5	98.5	99.0	99.0	99.0	99.1	99.1	99.1	99.1
>=400	20.4	85.8	91.4	94.9	96.4	97.2	98.3	98.9	98.9	99.5	99.6	99.6	99.7	99.7	99.7	99.7
>=300	20.4	85.8	91.4	94.9	96.4	97.2	98.4	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
>=200	20.4	85.8	91.4	94.9	96.4	97.2	98.4	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
>=100	20.4	85.8	91.4	94.9	96.4	97.2	98.4	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
= 0	20.4	85.8	91.4	94.9	96.4	97.2	98.4	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	
UNLIMIT	16.3	46.9	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
>=20000	16.5	52.1	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
>=18000	16.5	52.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=16000	16.5	52.7	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=14000	16.6	53.0	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=12000	17.0	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>=10000	17.9	58.3	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=9000	18.0	58.5	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
>=8000	18.7	62.6	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=7000	18.9	64.1	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>=6000	18.9	64.4	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=5000	19.0	65.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
>=4500	19.0	65.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
>=4000	19.1	67.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=3500	19.3	68.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>=3000	20.7	74.9	76.1	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>=2500	21.5	78.6	79.9	80.3	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
>=2000	22.9	83.5	84.9	85.4	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>=1800	23.0	83.7	85.2	85.7	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>=1500	23.3	86.9	88.6	89.2	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>=1200	23.7	88.6	91.0	91.7	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>=1000	23.9	90.8	93.6	94.5	95.4	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=900	23.9	91.0	94.0	95.1	95.9	96.0	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>=800	23.9	91.2	94.3	95.5	96.6	96.7	96.8	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>=700	23.9	91.4	94.6	95.8	97.1	97.2	97.3	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>=600	23.9	91.5	94.8	96.1	97.4	97.5	97.6	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>=500	24.0	91.8	95.6	97.1	98.5	98.7	98.9	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>=400	24.0	91.8	95.6	97.3	98.7	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=300	24.0	91.8	95.6	97.3	98.7	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=200	24.0	91.8	95.6	97.3	98.7	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=100	24.0	91.8	95.6	97.3	98.7	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>=0	24.0	91.8	95.6	97.3	98.7	99.0	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 932

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1
UNLIMITED	16.2	51.3	51.8	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=20000	16.3	57.5	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=18000	16.3	57.6	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=16000	16.4	57.9	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=14000	16.5	58.2	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=12000	17.2	59.5	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>=10000	18.5	64.5	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=9000	18.5	65.1	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>=8000	19.4	69.1	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>=7000	19.4	70.1	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5
>=6000	19.4	70.6	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>=5000	19.6	71.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>=4500	19.6	71.9	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4
>=4000	20.0	73.6	74.9	75.2	75.4	75.4	75.4	75.4	75.4	75.4
>=3500	20.3	75.2	76.5	76.7	76.9	76.9	76.9	76.9	76.9	76.9
>=3000	21.3	80.4	82.1	82.3	82.5	82.5	82.5	82.5	82.5	82.5
>=2500	21.7	84.1	85.8	86.1	86.3	86.3	86.3	86.3	86.3	86.3
>=2000	22.2	87.0	89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2
>=1800	22.2	87.3	89.8	90.3	90.7	90.7	90.7	90.7	90.7	90.7
>=1500	22.9	89.9	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9
>=1200	23.0	90.7	93.8	94.5	94.9	95.0	95.0	95.0	95.0	95.0
>=1000	23.0	91.3	94.8	95.6	96.0	96.2	96.2	96.2	96.3	96.3
>=900	23.0	91.5	95.0	95.8	96.2	96.4	96.4	96.5	96.5	96.5
>=800	23.0	91.6	95.1	96.0	96.6	96.9	96.9	97.0	97.0	97.1
>=700	23.0	91.8	95.2	96.2	97.0	97.2	97.2	97.3	97.3	97.5
>=600	23.1	92.0	95.6	96.5	97.3	97.6	97.7	97.8	97.8	98.0
>=500	23.1	92.2	96.0	97.2	98.2	98.6	98.8	98.9	99.0	99.2
>=400	23.1	92.2	96.0	97.4	98.5	98.9	99.1	99.2	99.2	99.6
>=300	23.1	92.2	96.0	97.5	98.7	99.1	99.5	99.6	99.6	100.0
>=200	23.1	92.2	96.0	97.5	98.7	99.1	99.5	99.6	99.6	100.0
>=100	23.1	92.2	96.0	97.5	98.7	99.1	99.5	99.6	99.6	100.0
>=0	23.1	92.2	96.0	97.5	98.7	99.1	99.5	99.6	99.6	100.0

TOTAL NO. OF OBS : 922

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=3/4	>=5/8
UNLIMITED	11.4	58.2	61.2	62.1	62.2	62.2	62.2	62.2	62.2	62.2
>=20000	11.4	62.4	65.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7
>=18000	11.4	62.4	65.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
>=16000	11.4	62.6	65.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9
>=14000	11.5	63.0	66.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2
>=12000	12.1	64.3	67.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5
>=10000	12.5	67.0	70.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4
>= 9000	12.6	67.4	70.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9
>= 8000	13.1	73.2	76.5	77.9	78.0	78.0	78.0	78.0	78.0	78.0
>= 7000	13.2	74.2	77.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9
>= 6000	13.6	74.8	78.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6
>= 5000	13.6	75.5	78.8	80.1	80.3	80.3	80.3	80.3	80.3	80.3
>= 4500	13.7	76.0	79.4	80.7	80.9	80.9	80.9	80.9	80.9	80.9
>= 4000	13.9	77.3	80.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3
>= 3500	14.1	78.0	81.4	82.8	83.1	83.1	83.1	83.1	83.1	83.1
>= 3000	14.3	79.9	84.0	85.6	85.9	85.9	85.9	85.9	85.9	85.9
>= 2500	14.5	82.3	86.5	88.4	88.7	88.7	88.7	88.7	88.7	88.7
>= 2000	14.7	84.4	89.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3
>= 1800	14.7	84.6	89.4	91.3	91.6	91.6	91.6	91.6	91.6	91.6
>= 1500	14.9	86.5	91.5	93.7	94.0	94.1	94.1	94.1	94.1	94.1
>= 1200	14.9	87.4	92.4	94.6	94.9	95.0	95.0	95.0	95.0	95.0
>= 1000	14.9	87.6	92.7	95.0	95.4	95.7	95.7	95.7	95.7	95.7
>= 900	14.9	87.7	92.9	95.2	95.7	95.9	96.0	96.0	96.0	96.0
>= 800	14.9	88.3	93.6	96.0	96.7	97.0	97.2	97.2	97.2	97.2
>= 700	14.9	88.4	93.8	96.2	97.0	97.2	97.4	97.4	97.4	97.4
>= 600	14.9	88.7	94.2	96.6	97.5	97.7	98.2	98.3	98.3	98.3
>= 500	14.9	88.8	94.5	96.9	97.7	97.9	98.4	98.5	98.5	98.5
>= 400	14.9	88.9	94.8	97.4	98.3	98.5	99.1	99.1	99.1	99.1
>= 300	14.9	89.0	94.9	97.6	98.5	98.7	99.2	99.5	99.6	99.8
>= 200	14.9	89.0	94.9	97.6	98.5	98.7	99.2	99.5	99.6	99.8
>= 100	14.9	89.0	94.9	97.6	98.5	98.7	99.2	99.5	99.6	99.8
>= 0	14.9	89.0	94.9	97.6	98.5	98.7	99.2	99.5	99.6	99.8

TOTAL NO. OF OBS : 921

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	.8	60.3	65.8	66.9	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=20000	.8	62.8	68.7	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=18000	.8	62.8	68.7	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=16000	.8	62.8	68.7	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=14000	.8	62.8	68.7	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>=12000	.8	63.5	69.4	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>=10000	.8	66.3	72.2	73.5	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>=9000	.8	66.5	72.3	73.6	73.7	73.7	73.7	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>=8000	.8	71.1	77.7	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>=7000	.8	72.1	78.6	80.0	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>=6000	.8	72.5	79.1	80.4	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>=5000	.8	73.0	79.7	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>=4500	.8	73.0	79.7	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>=4000	.8	74.6	81.3	82.8	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>=3500	.8	75.1	82.0	83.5	83.7	83.7	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>=3000	.8	76.7	83.7	85.3	85.5	85.5	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>=2500	.8	77.7	84.9	86.9	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>=2000	.8	79.9	87.6	90.1	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=1800	.8	79.9	87.6	90.1	90.5	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>=1500	.8	81.0	88.7	91.5	91.9	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>=1200	.8	81.8	89.5	92.5	92.9	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
>=1000	.8	83.1	91.5	94.7	95.1	95.1	95.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>=900	.8	83.2	91.6	94.8	95.1	95.1	95.1	95.4	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9
>=800	.8	83.7	92.2	95.4	96.4	96.4	96.4	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>=700	.8	83.7	92.2	95.5	96.5	96.5	96.5	96.8	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2
>=600	.8	83.7	92.2	95.7	96.6	96.6	96.6	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
>=500	.8	84.1	92.6	96.5	97.6	97.6	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
>=400	.8	84.1	92.9	96.8	98.0	98.0	98.0	98.3	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>=300	.8	84.5	93.3	97.2	98.5	98.5	98.5	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6
>=200	.8	84.6	93.4	97.5	98.7	98.7	98.7	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
>=100	.8	84.6	93.4	97.5	98.7	98.7	98.7	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0
>=0	.8	84.6	93.4	97.5	98.7	98.7	98.7	99.2	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 716

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	9.0	50.8	54.8	56.4	57.0	57.0	57.3	57.5	57.5	57.7	57.8	57.8	57.9	57.9	58.0	58.2
>=20000	9.1	54.6	58.9	60.5	61.2	61.2	61.6	61.8	61.8	62.1	62.1	62.2	62.3	62.3	62.4	62.6
>=18000	9.1	54.8	59.1	60.8	61.4	61.4	61.8	62.0	62.0	62.3	62.4	62.4	62.5	62.5	62.6	62.8
>=16000	9.1	54.8	59.1	60.8	61.5	61.5	61.9	62.1	62.1	62.4	62.4	62.5	62.6	62.6	62.7	62.9
>=14000	9.1	55.0	59.3	61.0	61.7	61.7	62.1	62.3	62.3	62.6	62.6	62.7	62.8	62.8	62.9	63.1
>=12000	9.4	55.9	60.2	61.9	62.5	62.5	63.0	63.2	63.2	63.5	63.5	63.5	63.7	63.7	63.8	64.0
>=10000	9.9	58.9	63.4	65.2	65.9	65.9	66.3	66.5	66.6	66.8	66.9	66.9	67.0	67.0	67.2	67.4
>=9000	10.0	59.3	63.7	65.6	66.3	66.3	66.7	66.9	66.9	67.2	67.3	67.4	67.4	67.4	67.5	67.8
>=8000	10.4	63.5	68.3	70.4	71.2	71.2	71.6	71.9	71.9	72.2	72.2	72.2	72.4	72.4	72.5	72.7
>=7000	10.5	64.7	69.5	71.6	72.4	72.4	72.9	73.1	73.1	73.4	73.5	73.5	73.6	73.6	73.7	74.0
>=6000	10.5	65.1	70.0	72.1	72.9	72.9	73.3	73.6	73.6	73.9	73.9	74.0	74.1	74.1	74.2	74.4
>=5000	10.6	65.7	70.6	72.8	73.6	73.7	74.1	74.3	74.4	74.6	74.7	74.7	74.8	74.8	75.0	75.2
>=4500	10.6	66.1	71.1	73.2	74.1	74.1	74.6	74.8	74.8	75.1	75.2	75.2	75.3	75.3	75.4	75.7
>=4000	10.8	67.4	72.5	74.7	75.6	75.6	76.1	76.3	76.3	76.6	76.7	76.7	76.8	76.8	76.9	77.2
>=3500	10.9	68.3	73.4	75.6	76.5	76.6	77.0	77.3	77.3	77.6	77.7	77.7	77.8	77.8	77.9	78.2
>=3000	11.4	71.1	76.5	78.9	79.9	80.0	80.4	80.7	80.7	81.0	81.1	81.1	81.3	81.3	81.4	81.6
>=2500	11.7	73.1	78.7	81.2	82.2	82.3	82.8	83.1	83.1	83.4	83.5	83.5	83.6	83.6	83.8	84.0
>=2000	12.1	75.5	81.4	84.3	85.4	85.5	86.0	86.3	86.3	86.6	86.7	86.8	86.9	86.9	87.0	87.2
>=1800	12.1	75.6	81.6	84.5	85.6	85.7	86.2	86.5	86.5	86.8	87.0	87.0	87.1	87.1	87.2	87.4
>=1500	12.4	77.4	83.8	86.7	88.0	88.1	88.6	88.9	88.9	89.3	89.4	89.4	89.5	89.5	89.6	89.8
>=1200	12.5	78.2	84.8	87.8	89.1	89.3	89.8	90.1	90.1	90.5	90.6	90.6	90.7	90.7	90.8	91.1
>=1000	12.6	79.3	86.2	89.5	91.0	91.2	91.9	92.2	92.2	92.5	92.6	92.7	92.8	92.8	92.9	93.1
>=900	12.6	79.5	86.5	89.9	91.4	91.6	92.3	92.7	92.7	93.0	93.1	93.1	93.3	93.3	93.4	93.6
>=800	12.6	79.9	87.1	90.6	92.4	92.6	93.3	93.8	93.8	94.1	94.3	94.3	94.4	94.4	94.5	94.8
>=700	12.6	80.2	87.5	91.1	93.0	93.2	94.0	94.5	94.5	94.9	95.0	95.0	95.2	95.2	95.4	95.6
>=600	12.6	80.4	87.9	91.6	93.6	93.9	94.8	95.3	95.3	95.8	95.9	95.9	96.1	96.1	96.2	96.5
>=500	12.7	80.8	88.4	92.3	94.5	94.9	95.9	96.4	96.4	96.9	97.0	97.0	97.3	97.3	97.5	97.7
>=400	12.7	80.8	88.6	92.7	94.9	95.3	96.4	97.0	97.0	97.5	97.7	97.7	98.0	98.0	98.1	98.4
>=300	12.7	81.0	88.7	92.8	95.1	95.5	96.7	97.4	97.4	98.0	98.2	98.3	98.6	98.6	98.8	99.1
>=200	12.7	81.0	88.7	92.9	95.2	95.7	96.9	97.5	97.6	98.2	98.5	98.5	98.8	98.8	99.1	99.5
>=100	12.7	81.0	88.7	92.9	95.3	95.7	96.9	97.6	97.6	98.2	98.5	98.5	98.9	98.9	99.3	99.8
>=0	12.7	81.0	88.7	92.9	95.3	95.7	96.9	97.6	97.6	98.2	98.5	98.5	98.9	98.9	99.4	100.0

TOTAL NO. OF OBS : 6783

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 0100 LST

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

DIR.		SPEED (KNOTS)																TOTAL	MEAN
16	PT.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	%	WIND	SPEED	
N		2.9		3.2		3.4		.7		.0		.0	.0	.0	.0	10.2	5.7		
NNE		3.4		1.5		2.7		.3		.0		.0	.0	.0	.0	7.8	5.2		
NE		1.0		1.4		.8		.1		.0		.0	.0	.0	.0	3.4	5.5		
ENE		1.1		.6		.4		.0		.0		.0	.0	.0	.0	2.1	4.1		
E		.8		1.1		.4		.0		.1		.0	.0	.0	.0	2.5	5.2		
ESE		.8		.1		.1		.0		.0		.0	.0	.0	.0	1.1	3.3		
SE		.3		.0		.0		.0		.0		.0	.0	.0	.0	.3	2.0		
SSE		.3		.3		.6		.1		.0		.0	.0	.0	.0	1.3	6.7		
S		.7		1.3		.6		.1		.0		.0	.0	.0	.0	2.7	5.2		
SSW		1.0		2.5		.8		.1		.0		.0	.0	.0	.0	4.5	5.1		
SW		2.5		1.8		1.4		.3		.0		.0	.0	.0	.0	6.0	4.9		
WSW		2.9		3.8		1.5		.3		.1		.0	.0	.0	.0	8.7	5.0		
W		2.4		3.8		2.5		.3		.0		.0	.0	.0	.0	9.1	5.7		
WNW		.6		1.3		.8		.3		.0		.0	.0	.0	.0	2.9	6.1		
NW		.4		1.4		.6		.4		.1		.0	.0	.0	.0	2.9	7.1		
NNW		1.3		2.4		1.4		.3		.0		.0	.0	.0	.0	5.3	5.5		
VAR		.0		.0		.0		.0		.0		.0	.0	.0	.0	.0	.0		
CLM		.0		.0		.0		.0		.0		.0	.0	.0	.0	29.3	.0		
ALL		22.3		26.4		18.0		3.4		.3		.0	.0	.0	.0	100.0	3.8		

TOTAL NO. OF OBS : 716

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

D93727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 0400 LST

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

DIR.	SPEED (KNOTS)																TOTAL	MEAN WIND SPEED
	16-21	21-26	26-31	31-36	36-41	41-46	46-51	51-56	56-61	61-66	66-71	71-76	76-81	81-86	86-91	91-96		
N	3.5	4.9	4.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.6	5.3
NNE	2.4	2.8	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	5.1
NE	1.3	1.3	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.4
NNE	1.1	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.3
E	.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.3
ESE	.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.8
SE	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.0
SSE	.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	8.4
S	.6	.7	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.8
SSW	.7	.4	.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.9
SW	2.4	1.7	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	4.7
WSW	3.2	2.6	2.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.5	5.2
W	3.8	2.9	1.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.2	5.2
WNW	1.1	1.8	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.0
NW	.7	1.5	.3	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.9
NNW	3.1	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.2
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	30.5	.0
ALL	24.7	25.4	15.6	3.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	3.6

TOTAL NO. OF OBS : 717

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 0700 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		
N	4.5	4.7	4.9	.7	.0	.0	.0	.0	.0	.0	14.8	5.7
NNE	2.1	1.8	1.3	.4	.2	.0	.0	.0	.0	.0	5.8	6.0
NE	.5	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	3.2	6.3
ENE	1.0	.9	.5	.0	.0	.0	.0	.0	.0	.0	2.4	4.9
E	1.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	2.5	3.4
ESE	.1	.2	.2	.0	.1	.0	.0	.0	.0	.0	.7	7.2
SE	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.8	5.9
SSE	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.7	5.3
S	.4	1.3	.4	.2	.0	.0	.0	.0	.0	.0	2.4	6.0
SSW	.9	.9	.7	.0	.0	.0	.0	.0	.0	.0	2.4	4.7
SW	1.9	1.2	1.4	.0	.2	.0	.0	.0	.0	.0	4.7	5.5
WSW	3.1	2.5	1.3	.4	.0	.0	.0	.0	.0	.0	7.4	4.7
W	4.3	3.6	1.2	.8	.1	.1	.0	.0	.0	.0	10.1	5.1
WNW	.9	1.6	1.2	.1	.0	.0	.0	.0	.0	.0	3.8	5.7
NW	1.4	1.9	.9	.2	.0	.0	.0	.0	.0	.0	4.4	5.3
NNW	1.8	3.2	1.1	.4	.0	.0	.0	.0	.0	.0	6.5	5.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27.4	.0
ALL	24.4	27.1	16.6	3.7	.7	.1	.0	.0	.0	.0	100.0	3.9

TOTAL NO. OF OBS : 911

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 1000 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	%	WIND					
																		SPEED			
N	1.9	3.9	5.4	2.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.0	7.6					
NNE	2.3	3.2	3.1	1.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.5	7.3					
NE	1.1	2.6	2.7	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.6					
ENE	1.8	2.9	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.0					
E	3.0	2.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	3.5					
ESE	1.2	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.0					
SE	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.0					
SSE	.8	.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.7					
S	.3	.9	1.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	8.4					
SSW	.3	.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	8.1					
SW	.7	1.4	1.9	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	8.0					
WSW	.4	1.4	1.8	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.4					
W	1.4	2.2	2.4	1.1	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	7.6	7.8					
WNW	.8	1.8	2.3	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.3					
NW	.5	1.9	2.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	8.1					
NNW	1.2	1.9	2.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	7.4					
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	9.3	.0					
ALL	18.3	28.4	27.5	14.9	1.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	100.0	6.4					

TOTAL NO. OF OBS : 912

NOTES : * = PERCENT < .05

1 - SURFACE WINOS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 1300 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	2	3	4	5	6		
N	.9	3.2	4.4	2.5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	8.2
NNE	1.0	1.4	2.9	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.9
NE	1.1	2.4	2.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	6.5
ENE	1.2	1.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.9
E	2.5	3.2	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	4.4
ESE	1.5	3.1	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.0
SE	1.8	1.9	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	5.4
SSE	.3	1.3	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.1
S	.4	1.1	1.9	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	8.5
SSW	.1	.9	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	9.0
SW	.1	.7	1.8	1.6	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	10.6
WSW	.3	.7	2.5	2.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	9.9
W	.9	2.6	3.8	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	8.2
WNW	.4	2.1	2.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	8.4
NW	.2	1.5	2.9	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	9.1
NNW	1.0	1.6	2.7	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	8.1
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	3.1	.0
ALL	13.8	29.5	33.8	17.8	1.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 912

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 F.
 MONTH : NOV
 HOUR : 1600 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
N	1.6	4.2	4.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9	6.5
NNE	.9	1.6	2.1	.4	.2	.0	.1	.0	.0	.0	.0	.0	.0	5.4	7.4
NE	.5	1.6	1.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.7
ENE	.5	1.5	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.6
E	1.3	2.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.3
ESE	1.8	2.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.4
SE	1.8	2.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.8
SSE	.7	2.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	6.0
S	.4	5.3	4.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.0	6.7
SSW	.8	1.6	2.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.0
SW	.1	1.1	1.2	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1	8.0
WSW	.5	1.9	1.5	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.3
W	.8	3.3	2.2	1.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.1	7.7
WNW	.5	2.0	2.3	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.1	7.7
NW	.7	2.3	2.2	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.7
NNW	.4	2.1	2.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.5	8.0
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	.0	.0
ALL	13.5	37.7	34.0	9.1	1.5	.0	.1	.0	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 912

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 1900 LST

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

SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED	
16 PT. 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	3.0	1.9	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	6.0
NNE	.7	2.3	1.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.2
NE	.9	1.9	1.1	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	6.4
ENE	1.1	1.7	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.6
E	1.3	1.9	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1
ESE	1.2	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.8
SE	2.0	.7	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.6
SSE	1.3	.8	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.5
S	2.1	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.9
SSW	2.0	2.1	2.2	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	5.8
SW	2.7	3.8	1.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	5.5
WSW	2.0	2.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.6
W	2.0	2.1	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.8
WNW	1.3	1.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.4
NW	1.2	1.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.5
NNW	1.3	1.2	.8	.3	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.4
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	23.4	.0
ALL	25.8	29.4	15.8	4.5	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.1

TOTAL NO. OF OBS : 894

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 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	2.5	3.5	1.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.1
NNE	2.2	1.5	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.4
NE	1.3	1.4	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.8
ENE	.4	1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.4
E	1.8	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.0
ESE	.7	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
SE	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.8
SSE	.7	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.3
S	.8	.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
SSW	1.5	1.5	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.3
SW	3.6	3.6	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.8	4.4
WSW	3.3	2.5	2.1	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	5.1
W	2.5	2.8	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	5.7
WNW	.3	1.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	6.3
NW	.7	1.4	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.9
NNW	1.3	1.5	.3	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8	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	28.5	.0
ALL	23.8	26.7	16.4	3.6	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	100.0	3.8

TOTAL NO. OF OBS : 719

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : ALL

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

16 PT.		1	-	31	4	-	61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>561	TOTAL	MEAN		
DIR.		SPEED (KNOTS)																	%	SPEED
N	2.5	3.8					3.8	1.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	11.3	6.4		
NNE	1.8	2.0					2.1	.6	.2	.0*	.0*	.0	.0	.0	.0	.0	6.7	6.4		
NE	.9	1.8					1.4	.4	.1	.0	.0	.0	.0	.0	.0	.0	4.6	6.2		
ENE	1.0	1.5					.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.3		
E	1.6	1.9					.6	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	4.1	4.4		
ESE	1.0	1.2					.4	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	2.6	4.5		
SE	.9	.9					.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	2.2	4.8		
SSE	.6	.8					.6	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0		
S	.7	1.7					1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	4.4	6.6		
SSW	.9	1.3					1.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	4.2	6.6		
SW	1.6	1.9					1.5	.5	.1	.0	.0	.0*	.0	.0	.0	.0	5.7	6.2		
WSW	1.9	2.2					1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	6.6	6.1		
W	2.2	2.9					2.0	1.0	.1	.1	.0	.0*	.0	.0	.0	.0	8.3	6.5		
WNW	.7	1.7					1.5	.6	.1	.0	.0	.0	.0	.0	.0	.0	4.6	7.0		
NW	.7	1.6					1.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	4.7	7.3		
NNW	1.4	2.0					1.6	.7	.1	.1	.0*	.0*	.0	.0	.0	.0	5.7	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	18.6	.0		
ALL	20.6	29.1					22.7	7.9	1.0	.1	.1	.1	.0*	.0	.0	.0	100.0	5.1		

TOTAL NO. OF OBS : 6693

NOTES : * = PERCENT < .05

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/2	>=1	1/4	>=1	1/2	>=1	1/4	>=0
UNLIMITED	3.2	59.8	62.9	65.0	66.0	66.0	66.4	66.6	66.6	66.6	66.9	67.0	67.3	67.3	67.3	67.6
>=20000	3.2	61.1	64.6	66.7	67.7	67.7	68.3	68.4	68.4	68.4	68.7	68.8	69.1	69.1	69.1	69.4
>=18000	3.2	61.1	64.6	66.7	67.7	67.7	68.3	68.4	68.4	68.4	68.7	68.8	69.1	69.1	69.1	69.4
>=16000	3.2	61.1	64.6	66.7	67.7	67.7	68.3	68.4	68.4	68.4	68.7	68.8	69.1	69.1	69.1	69.4
>=14000	3.2	61.2	64.7	66.9	67.8	67.8	68.4	68.5	68.5	68.5	68.8	69.0	69.3	69.3	69.3	69.5
>=12000	3.2	62.1	65.7	67.8	68.8	68.8	69.4	69.5	69.5	69.5	69.8	70.0	70.2	70.2	70.2	70.5
>=10000	3.2	64.7	68.7	70.9	71.9	71.9	72.5	72.6	72.6	72.6	72.9	73.1	73.3	73.3	73.3	73.6
>= 9000	3.2	64.7	68.7	70.9	71.9	71.9	72.5	72.6	72.6	72.6	72.9	73.1	73.3	73.3	73.3	73.6
>= 8000	3.2	68.3	72.6	75.0	76.0	76.0	76.7	76.9	76.9	76.9	77.2	77.3	77.6	77.6	77.6	78.0
>= 7000	3.2	69.1	73.5	75.9	77.0	77.0	77.7	77.9	77.9	77.9	78.1	78.3	78.6	78.6	78.6	79.0
>= 6000	3.2	69.1	73.5	75.9	77.0	77.0	77.7	77.9	77.9	77.9	78.1	78.3	78.6	78.6	78.6	79.0
>= 5000	3.2	70.4	74.8	77.3	78.4	78.4	79.1	79.3	79.3	79.3	79.5	79.7	80.0	80.0	80.0	80.4
>= 4500	3.2	70.7	75.2	77.7	78.8	78.8	79.5	79.7	79.7	79.7	80.0	80.1	80.4	80.4	80.4	80.8
>= 4000	3.2	71.9	76.7	79.7	80.8	81.0	81.5	81.7	81.7	81.7	81.9	82.1	82.4	82.4	82.4	82.8
>= 3500	3.2	72.5	77.3	80.4	81.5	81.7	82.2	82.4	82.4	82.4	82.7	82.8	83.1	83.1	83.1	83.5
>= 3000	3.2	74.0	79.3	82.5	83.8	83.9	84.5	84.6	84.6	84.6	84.9	85.0	85.3	85.3	85.3	85.8
>= 2500	3.2	75.5	81.1	84.3	85.6	85.8	86.3	86.5	86.5	86.5	86.7	86.9	87.2	87.2	87.2	87.6
>= 2000	3.2	76.3	82.1	85.6	87.0	87.2	87.7	87.9	87.9	87.9	88.2	88.3	88.6	88.6	88.6	89.0
>= 1800	3.2	76.6	82.4	85.9	87.4	87.6	88.2	88.3	88.3	88.3	88.6	88.7	89.0	89.0	89.0	89.4
>= 1500	3.2	77.3	83.2	86.7	88.3	88.4	89.1	89.3	89.3	89.3	89.6	89.7	90.0	90.0	90.0	90.4
>= 1200	3.2	77.4	83.4	86.9	88.6	88.7	89.4	89.7	89.7	89.7	90.0	90.1	90.6	90.6	90.6	91.0
>= 1000	3.2	78.4	85.0	88.7	90.7	90.8	91.5	91.8	91.8	91.8	92.1	92.4	92.8	92.8	92.8	93.2
>= 900	3.2	78.6	85.3	89.3	91.3	91.4	92.2	92.5	92.5	92.5	92.8	93.1	93.5	93.5	93.5	93.9
>= 800	3.2	78.7	85.8	89.8	91.8	92.0	92.8	93.1	93.1	93.1	93.4	93.7	94.1	94.1	94.1	94.5
>= 700	3.2	79.0	86.0	90.1	92.2	92.4	93.2	93.5	93.5	93.5	93.8	94.1	94.5	94.5	94.5	95.1
>= 600	3.2	79.1	86.2	90.4	92.7	92.8	93.7	94.1	94.1	94.1	94.4	94.6	95.1	95.1	95.1	95.6
>= 500	3.2	79.5	86.6	91.0	93.2	93.4	94.5	94.9	94.9	94.9	95.2	95.5	95.9	95.9	95.9	96.5
>= 400	3.2	79.7	86.7	91.1	93.5	93.7	94.9	95.3	95.3	95.3	95.6	95.9	96.3	96.3	96.3	96.9
>= 300	3.2	79.7	86.9	91.4	93.8	94.1	95.3	95.8	95.8	95.8	96.2	96.5	96.9	96.9	96.9	97.5
>= 200	3.2	79.7	86.9	91.5	93.9	94.2	95.9	96.5	96.5	96.5	97.0	97.3	97.7	97.7	97.7	98.9
>= 100	3.2	79.7	86.9	91.5	93.9	94.2	95.9	96.5	96.5	96.5	97.2	97.6	98.0	98.0	98.0	99.3
>= 0	3.2	79.7	86.9	91.5	93.9	94.2	95.9	96.6	96.6	96.6	97.3	97.7	98.2	98.2	98.2	100.0

TOTAL NO. OF OBS : 709

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 HOUR : 0000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	>=3	VISIBILITY (STATUTE MILES)										>=1/4	>=1/8	>=1/2	>=5/16	>=1/4	>=0
						>=2	1/2	>=2	>=1	1/2	>=1	1/4	>=1	>=3/4	>=5/8						
UNLIMITED	2.7	54.6	59.0	62.1	63.7	63.7	64.4	64.6	64.9	65.2	65.5	65.5	65.5	65.8	65.8	66.1	66.5	66.5			
>=20000	2.7	55.8	60.3	63.4	65.1	65.1	65.9	66.2	66.5	66.8	67.0	67.0	67.0	67.3	67.3	67.7	68.3	68.3			
>=18000	2.7	55.8	60.3	63.4	65.1	65.1	65.9	66.2	66.5	66.8	67.0	67.0	67.0	67.3	67.3	67.7	68.3	68.3			
>=16000	2.7	55.8	60.3	63.4	65.1	65.1	65.9	66.2	66.5	66.8	67.0	67.0	67.0	67.3	67.3	67.7	68.3	68.3			
>=14000	2.7	55.8	60.3	63.4	65.1	65.1	65.9	66.2	66.5	66.8	67.0	67.0	67.0	67.3	67.3	67.7	68.3	68.3			
>=12000	2.7	56.3	61.1	64.2	65.9	65.9	66.8	67.0	67.3	67.6	67.9	67.9	67.9	68.2	68.2	68.6	69.2	69.2			
>=10000	2.7	58.0	63.2	66.3	68.0	68.0	68.9	69.2	69.4	69.7	70.0	70.0	70.0	70.3	70.4	70.8	71.4	71.4			
>=9000	2.7	58.3	63.5	66.6	68.3	68.3	69.2	69.4	69.7	70.0	70.3	70.3	70.3	70.6	70.7	71.1	71.7	71.7			
>=8000	2.7	61.7	67.2	70.7	72.4	72.4	73.2	73.5	73.8	74.1	74.4	74.4	74.4	74.8	74.9	75.4	75.9	75.9			
>=7000	2.7	62.4	68.2	71.7	73.5	73.5	74.4	74.6	74.9	75.2	75.5	75.5	75.5	75.9	76.1	76.5	77.0	77.0			
>=6000	2.7	62.7	68.5	72.0	73.8	73.8	74.6	74.9	75.2	75.5	75.8	75.8	75.8	76.2	76.3	76.8	77.3	77.3			
>=5000	2.7	63.9	69.9	73.5	75.4	75.4	76.2	76.6	76.9	77.2	77.5	77.5	77.5	77.9	78.0	78.5	79.0	79.0			
>=4500	2.7	64.2	70.1	73.8	75.6	75.6	76.6	77.0	77.3	77.6	77.9	77.9	77.9	78.3	78.5	78.9	79.4	79.4			
>=4000	2.7	65.5	71.7	75.5	77.3	77.3	78.3	78.7	79.0	79.3	79.6	79.6	79.6	80.0	80.1	80.6	81.1	81.1			
>=3500	2.7	65.9	72.3	76.1	77.9	77.9	78.9	79.3	79.6	79.9	80.1	80.1	80.1	80.6	80.7	81.1	81.7	81.7			
>=3000	2.7	68.3	74.9	78.9	81.1	81.1	82.3	82.7	83.0	83.2	83.5	83.5	83.5	83.9	84.1	84.5	85.1	85.1			
>=2500	2.7	69.4	76.3	80.3	82.5	82.5	83.7	84.1	84.4	84.6	84.9	84.9	84.9	85.4	85.5	85.9	86.5	86.5			
>=2000	2.7	71.1	78.7	82.7	84.9	84.9	86.1	86.5	86.8	87.2	87.5	87.5	87.5	87.9	88.0	88.5	89.0	89.0			
>=1800	2.7	71.1	78.7	82.7	84.9	84.9	86.1	86.5	86.8	87.2	87.5	87.5	87.5	87.9	88.0	88.5	89.0	89.0			
>=1500	2.7	71.5	79.4	83.5	85.9	85.9	87.0	87.5	87.7	88.2	88.5	88.5	88.5	88.9	89.0	89.4	90.0	90.0			
>=1200	2.7	72.1	80.0	84.1	86.6	86.6	87.9	88.3	88.6	89.0	89.3	89.3	89.3	89.7	89.9	90.3	90.8	90.8			
>=1000	2.7	72.8	81.1	85.4	88.0	88.0	89.3	89.7	90.0	90.4	90.7	90.7	90.7	91.1	91.3	91.7	92.3	92.3			
>=900	2.7	72.8	81.1	85.4	88.0	88.0	89.3	89.7	90.0	90.4	90.7	90.7	90.7	91.1	91.3	91.7	92.3	92.3			
>=800	2.7	73.0	81.4	85.8	88.6	88.6	90.0	90.4	90.7	91.1	91.4	91.4	91.4	91.8	92.0	92.4	93.0	93.0			
>=700	2.7	73.2	81.8	86.3	89.3	89.3	90.8	91.3	91.5	92.0	92.3	92.3	92.3	92.7	92.8	93.2	93.8	93.8			
>=600	2.7	73.2	82.1	86.6	89.7	89.7	91.3	91.7	92.0	92.4	92.7	92.7	92.7	93.1	93.2	93.7	94.2	94.2			
>=500	2.7	73.2	82.4	87.2	90.6	90.6	92.3	92.7	93.0	93.5	93.8	93.8	93.8	94.4	94.5	94.9	95.5	95.5			
>=400	2.7	73.4	82.5	87.3	90.7	90.7	92.4	93.1	93.4	94.1	94.4	94.4	94.4	94.9	95.1	95.5	96.1	96.1			
>=300	2.7	73.4	82.5	87.3	90.7	90.7	92.4	93.5	93.8	94.6	94.9	94.9	94.9	95.5	95.6	96.1	96.6	96.6			
>=200	2.7	73.4	82.5	87.5	91.0	91.0	93.4	94.2	94.5	95.4	95.6	95.6	95.6	96.2	96.3	97.0	97.9	97.9			
>=100	2.7	73.5	82.7	87.6	91.1	91.1	93.5	94.4	94.6	95.5	96.1	96.1	96.1	96.8	96.9	97.6	98.9	98.9			
>=0	2.7	73.5	82.7	87.6	91.1	91.1	93.5	94.4	94.6	95.5	96.1	96.1	96.1	96.8	96.9	97.9	100.0	100.0			

TOTAL NO. OF OBS : 710

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8
>=1/2										
>=5/16										
>=1/4										
>=0										
UNLIMITED	7.2	40.8	46.5	49.5	51.2	51.5	52.6	53.0	53.5	53.7
>=20000	7.2	43.5	49.6	52.4	54.4	54.8	55.9	56.2	56.8	56.9
>=18000	7.2	43.6	49.9	53.0	54.8	55.1	56.2	56.6	57.1	57.3
>=16000	7.2	43.6	49.9	53.0	54.8	55.1	56.2	56.6	57.1	57.3
>=14000	7.3	44.0	50.3	53.4	55.2	55.6	56.8	57.1	57.7	57.8
>=12000	7.3	45.0	51.6	54.9	56.7	57.0	58.4	58.7	59.3	59.4
>=10000	7.8	48.0	55.1	58.8	60.7	61.1	62.4	62.8	63.3	63.4
>=9000	7.8	48.0	55.1	58.8	60.7	61.1	62.4	62.8	63.3	63.4
>=8000	7.9	52.3	60.0	63.7	65.9	66.3	67.7	68.2	68.8	69.0
>=7000	8.0	53.2	61.0	64.8	67.0	67.4	68.8	69.3	70.0	70.1
>=6000	8.0	53.4	61.2	65.0	67.3	67.6	69.2	69.6	70.3	70.4
>=5000	8.0	54.0	62.2	66.3	68.5	69.0	70.5	71.0	71.7	71.8
>=4500	8.0	54.4	62.8	66.8	69.1	69.5	71.1	71.5	72.2	72.3
>=4000	8.1	56.5	64.8	69.0	71.4	71.9	73.6	74.0	74.7	74.8
>=3500	8.2	57.1	65.7	70.1	72.4	73.0	74.7	75.1	75.8	75.9
>=3000	8.9	59.4	68.3	72.7	75.3	75.7	77.4	78.0	78.6	78.7
>=2500	8.9	60.4	69.4	74.2	76.8	77.3	79.1	79.6	80.3	80.4
>=2000	9.0	61.8	71.0	75.9	78.5	79.0	80.9	81.4	82.1	82.2
>=1800	9.1	61.9	71.2	76.2	78.7	79.2	81.1	81.7	82.3	82.5
>=1500	9.2	62.8	72.2	77.4	80.1	80.5	82.6	83.1	83.9	84.0
>=1200	9.3	63.1	72.9	78.1	80.9	81.3	83.4	83.9	84.7	84.8
>=1000	9.3	64.1	74.4	79.8	82.6	83.1	85.4	86.1	86.8	87.1
>=900	9.3	64.5	74.7	80.1	82.9	83.5	85.7	86.5	87.3	87.6
>=800	9.3	65.0	75.6	81.1	84.0	84.6	86.8	87.7	88.5	88.9
>=700	9.3	65.1	75.9	81.6	84.7	85.3	87.5	88.4	89.3	89.7
>=600	9.3	65.7	76.6	82.2	85.7	86.3	88.6	89.5	90.4	90.8
>=500	9.3	65.9	77.2	82.8	86.4	87.1	89.5	90.6	91.7	92.1
>=400	9.3	65.9	77.2	83.0	86.6	87.6	90.4	91.6	92.8	93.4
>=300	9.3	66.0	77.4	83.2	87.3	88.2	91.1	92.2	93.5	94.0
>=200	9.3	66.0	77.4	83.2	87.3	88.2	91.1	92.4	93.7	94.4
>=100	9.3	66.0	77.4	83.2	87.3	88.2	91.1	92.4	93.9	94.8
>=0	9.3	66.0	77.4	83.2	87.3	88.2	91.1	92.4	93.9	94.8

TOTAL NO. OF OBS : 889

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	1/4	>=0
UNLIMITED	14.8	54.5	57.1	57.2	57.5	57.5	57.5	57.6	57.5	57.6
>=20000	14.8	58.5	61.6	61.8	62.1	62.2	62.2	62.4	62.2	62.4
>=18000	14.9	58.9	61.9	62.1	62.5	62.6	62.6	62.7	62.6	62.7
>=16000	14.9	59.0	62.0	62.2	62.6	62.7	62.7	62.8	62.7	62.8
>=14000	14.9	59.4	62.5	62.7	63.0	63.1	63.1	63.3	63.1	63.3
>=12000	15.6	61.5	64.6	64.8	65.3	65.4	65.4	65.5	65.4	65.5
>=10000	16.4	64.6	68.0	68.5	69.0	69.1	69.1	69.2	69.1	69.2
>=9000	16.5	64.8	68.3	68.9	69.3	69.4	69.4	69.6	69.6	69.6
>=8000	16.9	69.0	72.8	73.6	74.0	74.2	74.2	74.3	74.2	74.3
>=7000	17.0	70.7	74.5	75.4	75.8	76.0	76.0	76.1	76.1	76.1
>=6000	17.2	71.0	74.9	76.0	76.4	76.5	76.5	76.6	76.6	76.6
>=5000	17.3	71.8	76.1	77.1	77.5	77.6	77.6	77.8	77.8	77.8
>=4500	17.3	71.8	76.1	77.1	77.5	77.6	77.6	77.8	77.8	77.8
>=4000	17.4	73.5	78.1	79.3	79.8	79.9	79.9	80.0	80.0	80.0
>=3500	17.6	74.4	79.0	80.3	80.8	81.0	81.0	81.1	81.1	81.1
>=3000	18.0	76.5	81.2	82.7	83.3	83.6	83.6	83.7	83.7	83.7
>=2500	18.2	77.8	82.6	84.0	84.7	85.1	85.1	85.2	85.2	85.2
>=2000	18.8	79.7	84.8	86.6	87.4	87.8	87.9	88.0	88.1	88.1
>=1800	18.9	79.8	84.9	86.7	87.5	87.9	88.0	88.1	88.2	88.2
>=1500	19.1	80.6	85.8	87.6	88.4	89.0	89.1	89.2	89.3	89.3
>=1200	19.1	80.9	86.3	88.1	88.9	89.1	89.7	89.8	89.9	89.9
>=1000	19.1	81.5	87.1	89.2	90.1	90.4	91.1	91.3	91.5	91.5
>=900	19.3	81.8	87.5	89.8	90.8	91.1	91.9	92.1	92.2	92.2
>=800	19.6	82.1	88.0	90.4	91.6	92.5	92.8	93.0	93.1	93.1
>=700	19.6	82.8	88.9	91.6	92.9	93.8	94.2	94.4	94.5	94.5
>=600	19.6	83.3	89.3	92.0	93.4	94.6	95.2	95.4	95.5	95.5
>=500	19.6	83.8	90.1	93.0	94.6	95.1	95.8	96.9	97.1	97.1
>=400	19.6	83.8	90.1	93.4	95.1	96.9	97.6	98.0	98.2	98.3
>=300	19.6	83.8	90.1	93.5	95.3	96.1	97.2	98.1	98.9	99.0
>=200	19.6	83.8	90.1	93.5	95.3	96.1	97.2	98.1	98.9	99.0
>=100	19.6	83.8	90.1	93.5	95.3	96.1	97.2	98.1	99.0	99.2
>=0	19.6	83.8	90.1	93.5	95.3	96.1	97.2	98.1	99.0	99.2

TOTAL NO. OF OBS : 890

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	1/4	>=0
UNLIMIT	16.5	53.9	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5
>=20000	16.6	57.8	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
>=18000	16.7	58.0	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
>=16000	16.7	58.0	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7
>=14000	17.2	58.7	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4
>=12000	18.1	60.5	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3
>=10000	19.0	64.7	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6
>= 9000	19.1	65.2	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1
>= 8000	19.6	69.1	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1
>= 7000	20.0	71.0	71.8	71.9	71.9	72.0	72.0	72.0	72.0	72.0
>= 6000	20.3	71.9	72.8	72.9	73.0	73.2	73.2	73.2	73.2	73.2
>= 5000	20.3	72.4	73.3	73.5	73.9	74.1	74.1	74.1	74.1	74.1
>= 4500	20.4	72.9	73.8	74.1	74.5	74.6	74.6	74.6	74.6	74.6
>= 4000	21.0	75.1	76.2	76.6	77.0	77.1	77.1	77.1	77.1	77.1
>= 3500	21.2	75.9	77.1	77.5	77.9	78.0	78.0	78.0	78.0	78.0
>= 3000	21.8	78.8	80.1	80.4	80.9	81.0	81.1	81.1	81.1	81.1
>= 2500	22.8	82.1	83.4	83.8	84.4	84.6	84.6	84.6	84.6	84.6
>= 2000	23.8	85.7	86.9	87.8	88.5	88.7	88.7	88.7	88.7	88.7
>= 1800	23.9	85.9	87.1	88.1	88.7	88.9	89.0	89.0	89.0	89.0
>= 1500	24.1	87.7	89.3	90.6	91.2	91.4	91.6	91.6	91.6	91.6
>= 1200	24.2	88.3	90.0	91.2	91.9	92.0	92.3	92.3	92.3	92.3
>= 1000	24.5	89.4	91.7	93.2	94.0	94.1	94.5	94.7	94.8	94.8
>= 900	24.5	89.8	92.2	93.7	94.5	94.7	95.1	95.3	95.4	95.4
>= 800	24.5	90.0	92.4	94.1	94.9	95.0	95.8	96.0	96.2	96.2
>= 700	24.5	90.3	92.9	95.0	95.8	96.4	96.7	97.0	97.2	97.2
>= 600	24.5	90.3	93.2	95.3	96.2	96.8	97.3	97.6	97.7	97.7
>= 500	24.5	90.3	93.2	95.7	96.7	96.8	97.8	98.5	98.6	98.6
>= 400	24.5	90.3	93.3	95.9	96.9	97.2	98.3	99.1	99.3	99.3
>= 300	24.5	90.3	93.3	95.9	96.9	97.2	98.3	99.2	99.5	99.5
>= 200	24.5	90.3	93.3	95.9	96.9	97.2	98.4	99.4	99.9	100.0
>= 100	24.5	90.3	93.3	95.9	96.9	97.2	98.4	99.4	99.9	100.0
>= 0	24.5	90.3	93.3	95.9	96.9	97.2	98.4	99.4	99.9	100.0

TOTAL NO. OF OBS : 879

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	17.7	57.3	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=20000	17.8	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=18000	18.0	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>=16000	18.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=14000	18.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
>=12000	19.0	64.9	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=10000	20.0	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>= 9000	20.0	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>= 8000	21.0	73.6	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 7000	21.3	73.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 6000	21.6	74.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 5000	21.7	77.0	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 4500	21.7	77.5	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 4000	22.5	79.6	81.0	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 3500	23.0	81.5	83.0	83.4	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
>= 3000	23.3	83.8	85.2	85.7	85.8	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>= 2500	23.8	85.7	87.3	87.9	88.0	88.1	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	24.3	87.1	89.0	89.6	89.7	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 1800	24.3	87.2	89.1	89.7	89.9	90.0	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 1500	24.5	88.8	90.9	91.7	91.9	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 1200	24.5	89.2	91.4	92.2	92.6	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 1000	24.6	90.1	93.1	94.1	94.8	95.0	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 900	24.6	90.1	93.1	94.2	94.9	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
>= 800	24.7	90.6	93.5	94.8	95.6	95.8	96.6	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
>= 700	24.7	90.7	93.8	95.2	96.0	96.3	97.0	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5
>= 600	24.7	90.9	94.2	95.8	96.7	96.9	97.7	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
>= 500	24.7	90.9	94.3	96.1	97.3	97.5	98.3	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8
>= 400	24.7	90.9	94.4	96.3	97.6	97.8	98.6	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
>= 300	24.7	90.9	94.4	96.4	98.0	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7
>= 200	24.7	90.9	94.4	96.4	98.0	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
>= 100	24.7	90.9	94.4	96.4	98.0	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8
>= 0	24.7	90.9	94.4	96.4	98.0	98.2	99.1	99.5	99.5	99.5	99.5	99.5	99.8	99.8	99.8	99.8

TOTAL NO. OF OBS : 881

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV
 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
UNLIMIT	12.5	62.7	63.9	64.2	64.3	64.3	64.3	64.3	64.3	64.3
>=20000	12.5	65.2	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8
>=18000	12.7	65.6	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2
>=16000	12.7	65.7	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3
>=14000	12.8	66.0	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6
>=12000	13.3	67.7	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4
>=10000	13.7	71.0	72.4	72.7	72.9	72.9	72.9	72.9	72.9	72.9
>= 9000	13.7	71.2	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0
>= 8000	14.3	75.1	77.2	77.7	77.8	77.8	77.8	77.8	77.8	77.8
>= 7000	14.3	76.2	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0
>= 6000	14.3	76.2	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0
>= 5000	14.5	77.4	79.6	80.3	80.4	80.4	80.4	80.4	80.4	80.4
>= 4500	14.5	77.8	79.9	80.6	80.8	80.8	80.8	80.8	80.8	80.8
>= 4000	15.1	79.7	82.1	82.8	83.0	83.0	83.0	83.0	83.0	83.0
>= 3500	15.1	80.0	82.4	83.1	83.5	83.5	83.5	83.5	83.5	83.5
>= 3000	15.3	82.8	85.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1
>= 2500	15.4	83.6	86.5	87.7	88.1	88.1	88.1	88.1	88.1	88.1
>= 2000	15.5	84.6	87.7	88.9	89.7	90.0	90.1	90.1	90.1	90.1
>= 1800	15.5	84.6	87.7	89.1	89.9	90.1	90.3	90.3	90.3	90.3
>= 1500	15.5	85.2	88.8	90.4	91.2	91.4	91.7	91.7	91.7	91.7
>= 1200	15.5	85.9	89.6	91.2	92.1	92.4	92.7	92.7	92.7	92.7
>= 1000	15.5	86.9	90.9	92.7	94.0	94.2	94.6	94.8	94.8	94.8
>= 900	15.5	87.0	91.0	92.8	94.2	94.4	94.9	95.0	95.0	95.0
>= 800	15.5	87.0	91.0	93.2	94.5	94.8	95.2	95.3	95.3	95.3
>= 700	15.5	87.2	91.3	93.5	94.9	95.1	95.7	95.8	95.8	95.8
>= 600	15.5	87.6	91.9	94.1	95.4	95.7	96.6	96.7	96.7	96.7
>= 500	15.5	87.8	92.1	94.4	95.9	96.2	97.4	97.6	97.6	97.6
>= 400	15.5	88.0	92.4	94.8	96.5	96.9	98.2	98.4	98.4	98.4
>= 300	15.5	88.1	92.5	95.0	96.9	97.4	98.7	99.1	99.2	99.2
>= 200	15.5	88.1	92.5	95.0	97.0	97.5	98.9	99.2	99.3	99.3
>= 100	15.5	88.1	92.5	95.0	97.0	97.5	98.9	99.2	99.3	99.3
>= 0	15.5	88.1	92.5	95.0	97.0	97.5	98.9	99.2	99.3	99.3

TOTAL NO. OF OBS : 877

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1/4
UNLIMIT	3.7	63.0	66.1	66.7	66.0	66.8	66.8	66.8	66.8	66.8
>=20000	3.7	66.1	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0
>=18000	3.7	66.1	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0
>=16000	3.7	66.1	69.3	69.9	70.0	70.0	70.0	70.0	70.0	70.0
>=14000	3.7	66.2	69.5	70.0	70.2	70.2	70.2	70.2	70.2	70.2
>=12000	3.7	66.8	70.2	70.7	70.9	70.9	70.9	70.9	70.9	70.9
>=10000	3.7	69.5	72.9	73.4	73.7	73.8	73.8	73.8	73.8	73.8
>=9000	3.7	69.5	72.9	73.4	73.7	73.8	73.8	73.8	73.8	73.8
>=8000	3.7	72.7	76.7	77.4	77.8	78.1	78.1	78.1	78.1	78.1
>=7000	3.7	73.6	77.5	78.2	78.6	78.9	78.9	78.9	78.9	78.9
>=6000	3.7	73.7	77.6	78.3	78.8	79.0	79.0	79.0	79.0	79.0
>=5000	3.7	75.2	79.2	79.9	80.3	80.6	80.6	80.6	80.6	80.6
>=4500	3.7	75.5	79.5	80.2	80.6	80.9	80.9	80.9	80.9	80.9
>=4000	3.7	76.9	81.0	81.7	82.1	82.4	82.4	82.4	82.4	82.4
>=3500	3.7	77.5	81.9	82.7	83.3	83.5	83.5	83.5	83.5	83.5
>=3000	3.7	79.5	84.1	85.0	85.7	85.9	85.9	85.9	85.9	85.9
>=2500	3.7	81.4	86.2	87.1	87.9	88.2	88.2	88.2	88.2	88.2
>=2000	3.7	82.0	87.3	88.2	89.3	89.6	89.6	89.6	89.6	89.6
>=1800	3.7	82.1	87.5	88.3	89.7	90.0	90.0	90.0	90.0	90.0
>=1500	3.7	83.0	88.5	89.5	91.0	91.4	91.4	91.6	91.6	91.6
>=1200	3.7	83.3	88.9	90.3	91.8	92.1	92.3	92.4	92.4	92.4
>=1000	3.7	84.4	90.2	91.6	93.2	93.5	93.7	93.8	93.8	93.8
>=900	3.7	84.7	90.6	92.0	93.7	94.0	94.1	94.2	94.2	94.2
>=800	3.7	85.2	91.3	92.8	94.5	94.8	94.9	95.1	95.1	95.1
>=700	3.7	85.5	91.6	93.1	94.9	95.2	95.5	95.6	95.6	95.6
>=600	3.7	85.7	91.8	93.7	95.5	95.9	96.2	96.3	96.3	96.3
>=500	3.7	85.7	91.8	93.8	95.6	96.1	96.5	96.8	96.8	96.8
>=400	3.7	85.8	92.0	94.0	95.9	96.5	96.9	97.3	97.3	97.3
>=300	3.7	85.9	92.3	94.4	96.3	96.9	97.5	98.0	98.0	98.0
>=200	3.7	86.1	92.4	94.5	96.6	97.3	98.0	98.6	98.6	98.6
>=100	3.7	86.1	92.4	94.5	96.6	97.3	98.0	98.7	98.7	98.7
>=0	0	86.1	92.4	94.5	96.6	97.3	98.0	98.9	98.9	98.9

TOTAL NO. OF OBS : 711

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 1/4	>=1
UNLIMIT	10.3	55.6	58.1	59.2	59.8	59.9	60.1	60.2	60.3	60.4
>=20000	10.3	58.5	61.2	62.3	63.0	63.0	63.3	63.4	63.5	63.6
>=18000	10.4	58.7	61.5	62.6	63.2	63.3	63.6	63.7	63.7	63.9
>=16000	10.4	58.8	61.5	62.7	63.3	63.3	63.7	63.7	63.8	63.9
>=14000	10.5	59.1	61.9	63.0	63.6	63.7	64.0	64.1	64.1	64.3
>=12000	10.9	60.5	63.4	64.6	65.2	65.3	65.6	65.7	65.8	65.9
>=10000	11.4	63.6	66.7	68.0	68.7	68.7	69.1	69.2	69.2	69.4
>= 9000	11.4	63.7	66.9	68.2	68.8	68.9	69.3	69.4	69.4	69.6
>= 8000	11.8	67.7	71.3	72.7	73.4	73.5	73.9	74.0	74.2	74.2
>= 7000	11.9	69.0	72.6	74.1	74.8	74.9	75.3	75.4	75.4	75.6
>= 6000	12.0	69.3	73.0	74.5	75.2	75.3	75.7	75.8	75.8	76.0
>= 5000	12.1	70.3	74.1	75.7	76.5	76.6	77.0	77.1	77.1	77.3
>= 4500	12.1	70.6	74.5	76.0	76.9	77.0	77.4	77.5	77.6	77.7
>= 4000	12.4	72.4	76.4	78.2	79.0	79.1	79.6	79.7	79.7	79.9
>= 3500	12.5	73.2	77.3	79.1	80.0	80.1	80.6	80.7	80.8	80.9
>= 3000	12.8	75.5	79.9	81.8	82.8	82.9	83.4	83.6	83.6	83.8
>= 2500	13.0	77.1	81.6	83.6	84.7	84.8	85.4	85.5	85.6	85.7
>= 2000	13.4	78.7	83.5	85.7	86.9	87.0	87.6	87.8	87.8	88.0
>= 1800	13.4	78.8	83.6	85.8	87.1	87.2	87.8	88.0	88.0	88.2
>= 1500	13.5	79.8	84.8	87.2	88.5	88.7	89.4	89.6	89.6	89.8
>= 1200	13.5	80.2	85.4	87.8	89.2	89.4	90.1	90.3	90.3	90.5
>= 1000	13.6	81.1	86.8	89.4	90.9	91.1	91.9	92.2	92.3	92.5
>= 900	13.6	81.3	87.0	89.7	91.3	91.5	92.3	92.7	92.7	92.9
>= 800	13.7	81.6	87.4	90.3	91.9	92.2	93.1	93.4	93.5	93.7
>= 700	13.7	81.9	87.9	90.9	92.6	92.9	93.8	94.1	94.2	94.5
>= 600	13.7	82.2	88.2	91.3	93.2	93.4	94.5	94.9	95.0	95.2
>= 500	13.7	82.3	88.6	91.8	93.8	94.1	95.3	95.8	95.8	96.2
>= 400	13.7	82.4	88.7	92.0	94.2	94.5	95.9	96.4	96.5	96.9
>= 300	13.7	82.5	88.8	92.2	94.5	94.9	96.3	96.9	97.0	97.5
>= 200	13.7	82.5	88.8	92.3	94.5	95.0	96.5	97.2	97.3	97.8
>= 100	13.7	82.5	88.8	92.3	94.6	95.0	96.5	97.2	97.3	97.9
>= 0	13.7	82.5	88.8	92.3	94.6	95.0	96.5	97.2	97.3	97.9

TOTAL NO. OF OBS : 6546

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : 0100 LST

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

SPEED (KNOTS)																TOTAL Σ	MEAN WIND SPEED	
16 PT.	1 - 31	4 - 61	7-101	11-161	17-211	22-271	28-331	34-401	41-471	48-551	>=561							
DIR.	1	1	1	1	1	1	1	1	1	1	1							
N	2.0	3.0	3.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.9
NNE	1.9	2.4	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.8
NE	1.1	.8	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.7
ENE	.7	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
E	.4	.2	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.0
ESE	.4	.3	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.9
SE	.3	.3	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.2
SSE	.8	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.2
S	.4	1.5	1.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.3
SSW	1.1	.8	2.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2
SW	3.0	3.2	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	4.5
WSW	3.1	3.1	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.3	4.7
W	2.3	2.8	1.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	5.6
WNW	1.3	2.3	1.3	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.8
NW	1.1	1.3	1.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	6.7
NNW	2.2	1.5	1.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.4
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	26.9	.0
ALL	21.9	25.9	20.2	4.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.1

TOTAL NO. OF OBS : 744

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 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	2.8	5.2	3.1	.7	.0	.0	.0	.0	.0	.0	.0	11.8	5.7
NNE	1.9	2.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	6.7	5.6
NE	.7	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.6	6.1
ENE	.9	.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.3
E	.3	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.1	6.0
ESE	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7
SE	.0	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	1.1	11.1
SSE	.4	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.4
S	.7	.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.6
SSW	.8	1.3	1.6	.4	.0	.0	.0	.0	.0	.0	.0	4.2	6.5
SW	2.3	2.8	1.3	.1	.0	.0	.0	.0	.0	.0	.0	6.6	4.7
WSW	3.0	2.7	1.6	.1	.0	.0	.0	.0	.0	.0	.0	7.4	4.8
W	2.0	3.4	2.0	1.3	.0	.0	.0	.0	.0	.0	.0	8.7	6.3
WNW	1.5	2.7	1.5	.3	.0	.0	.0	.0	.0	.0	.0	5.9	5.8
NW	1.1	1.6	1.7	.4	.0	.0	.0	.0	.0	.0	.0	4.8	6.2
NNW	2.1	3.8	1.2	.1	.0	.0	.0	.0	.0	.0	.0	7.2	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	25.5	.0
ALL	20.8	30.7	17.7	5.0	.3	.0	.0	.0	.0	.0	.0	100.0	4.2

TOTAL NO. OF OBS : 745

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : 0700 LST

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

		SPEED (KNOTS)											TOTAL	MEAN	
		1-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	2	1	WIND	SPEED
DIR.	1	1	3	4	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	2.8	4.9	4.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	13.1	6.2
NNE	1.0	1.7	2.5	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.7
NE	.5	1.5	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.3
ENE	.5	1.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.4
E	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.3
ESE	.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
SE	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
SSE	.2	.2	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.8
S	.6	.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.6
SSW	.8	.8	1.2	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	7.0
SW	2.1	2.4	1.4	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	5.8
WSW	3.0	3.1	1.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.3
W	2.8	3.3	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.2
WNW	1.7	2.0	1.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.6
NW	1.7	1.5	.8	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.9
NNW	1.7	2.3	1.4	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.1
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	25.4	.0
ALL	20.6	26.7	19.9	6.8	.6	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.5

TOTAL NO. OF OBS : 944

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 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	1.0	4.4	4.1	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	7.9
NNE	.5	3.6	4.5	1.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.0	7.6
NE	.7	2.7	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.6
ENE	1.4	1.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.8
E	2.9	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	3.3
ESE	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.8
SE	.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
SSE	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.7
S	.5	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.8
SSW	.2	1.4	1.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	7.6
SW	.4	2.3	2.4	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	7.9
WSW	1.0	2.2	2.7	2.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.1
W	1.3	2.7	3.0	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.2	7.2
WNW	.7	.7	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.5
NW	.8	1.4	2.5	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	8.3
NNW	1.0	2.1	3.2	1.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.0	8.3
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	14.1	29.1	30.1	12.5	1.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 942

NOTES : * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 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	1.4	3.1	5.3	1.8	.5	.0	.0	.0	.0	.0	12.2	8.0
NNE	.7	2.1	3.2	1.7	.0	.0	.0	.0	.0	.0	7.8	7.9
NE	1.3	1.3	1.8	.4	.0	.0	.0	.0	.0	.0	4.8	6.2
ENE	1.3	1.5	.2	.2	.1	.0	.0	.0	.0	.0	3.3	5.0
E	3.0	2.1	.2	.0	.1	.0	.0	.0	.0	.0	5.4	4.0
ESE	1.1	1.0	.4	.1	.0	.0	.0	.0	.0	.0	2.6	4.4
SE	1.3	1.4	.9	.1	.0	.0	.0	.0	.0	.0	3.6	5.1
SSE	.3	.3	1.0	.0	.1	.0	.0	.0	.0	.0	1.7	7.3
S	.9	.9	1.6	1.2	.0	.0	.0	.0	.0	.0	4.5	7.9
SSW	.1	.9	1.6	.9	.3	.0	.0	.0	.0	.0	3.7	9.6
SW	.5	1.4	2.5	2.3	.1	.1	.0	.0	.0	.0	6.9	9.5
WSW	.4	1.0	3.4	2.5	.0	.1	.0	.0	.0	.0	7.4	9.4
W	.7	2.6	3.9	3.2	.2	.0	.0	.0	.0	.0	10.7	8.8
WNW	.3	1.4	2.6	1.6	.3	.0	.0	.0	.0	.0	6.2	9.0
NW	.1	1.5	2.6	1.3	.3	.0	.0	.0	.0	.0	5.8	9.0
NNW	1.3	2.2	3.0	1.6	.2	.0	.0	.0	.0	.0	8.3	7.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	.0
ALL	14.7	24.5	34.2	18.9	2.3	.2	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 937

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC
HOUR : 1600 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	1.2	3.2	3.7	1.5	.1	.0	.0	.0	.0	.0	.0	9.7	7.3
NNE	.7	2.6	2.8	.7	.1	.0	.0	.0	.0	.0	.0	6.9	7.2
NE	.5	1.5	2.0	.4	.0	.0	.0	.0	.0	.0	.0	4.5	7.2
ENE	.7	1.1	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.1	6.7
E	1.4	.9	.2	.2	.0	.0	.0	.0	.0	.0	.0	2.7	4.3
ESE	1.2	1.3	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.8	4.2
SE	.7	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.7
SSE	.4	2.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	3.6	5.5
S	.6	4.7	4.1	1.0	.1	.0	.0	.0	.0	.0	.0	10.5	6.9
SSW	.7	1.9	1.7	1.3	.1	.0	.0	.0	.0	.0	.0	5.8	7.6
SW	.5	1.8	1.2	.9	.1	.1	.0	.0	.0	.0	.0	4.6	7.9
WSW	1.1	1.5	2.3	.7	.1	.0	.0	.0	.0	.0	.0	5.8	7.3
W	1.2	2.9	3.4	1.8	.1	.0	.0	.0	.0	.0	.0	9.4	7.6
WNW	.4	2.3	3.7	1.9	.2	.0	.0	.0	.0	.0	.0	8.6	8.7
NW	.5	1.9	2.0	1.7	.4	.0	.0	.0	.0	.0	.0	6.6	8.7
MNW	.7	2.2	3.3	.9	.1	.0	.0	.0	.0	.0	.0	7.3	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	5.2	.0
ALL	12.8	34.2	32.4	13.7	1.6	.1	.0	.0	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 937

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : 1900 LST

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

16 PT. DIR.		SPEED (KNOTS)											TOTAL		MEAN	
1	2	3	4	5	6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>56	%	SPEED
N	2.9	4.3	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.5
NNE	.9	2.7	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.3
NE	.5	1.4	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
ENE	1.0	1.4	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
E	1.1	1.2	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
ESE	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.4
SE	.5	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	3.8
SSE	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.1
S	2.4	1.8	1.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	5.1
SSW	1.4	3.1	1.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.3
SW	3.0	3.0	2.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.6	5.3
WSW	2.0	2.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	4.7
W	2.8	2.9	1.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	4.8
WNW	.8	1.2	1.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.6
NW	1.6	1.2	.8	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.3	6.3
NNW	1.3	1.7	.8	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.6
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	23.9	.0
ALL	23.5	29.8	16.5	5.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.2

TOTAL NO. OF OBS : 922

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : 2200 LST

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

DIR.	SPEED (KNOTS)																TOTAL %	MEAN WIND SPEED
	16-17	17-18	18-19	19-20	20-21	21-22	22-23	23-24	24-25	25-26	26-27	27-28	28-29	29-30	30-31	31-32		
N	2.8	2.8	2.8	1.5	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	5.6
NNE	1.5	2.6	1.3	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.8
NE	.9	1.9	1.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	6.4
ENE	.7	1.2	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.8
E	.7	1.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.1
ESE	.5	.4	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9
SE	.5	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.3
SSE	.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.8
S	.9	1.7	1.1	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.3
SSW	1.2	1.9	2.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	5.9
SW	3.8	4.8	1.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	5.0
WSW	2.2	3.0	1.2	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7	5.1
W	1.7	3.0	1.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	5.8
WNW	1.6	1.9	1.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	5.5
NW	.5	1.5	1.1	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	8.0
NNW	.4	.9	1.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	6.9
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	27.3	.0
ALL	20.2	30.2	16.3	5.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	4.1

TOTAL NO. OF OBS : 744

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : ALL

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	2	3	4	5	6		
N	2.1	3.9	3.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.8	6.7
NNE	1.1	2.6	2.4	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0	6.9
NE	.8	1.5	1.3	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.5
ENE	.9	1.2	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	5.3
E	1.4	1.2	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.2
ESE	.7	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.6
SE	.6	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.5
SSE	.4	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.6
S	.9	1.6	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.6
SSW	.8	1.5	1.7	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	7.1
SW	1.9	2.7	1.7	.8	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	6.2
WSW	1.9	2.3	2.0	.9	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	6.6
W	1.8	2.9	2.4	1.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	7.2
WNW	1.0	1.8	2.0	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	7.6
NW	.9	1.5	1.7	.9	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.7
NNW	1.3	2.1	2.0	.7	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.3	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	5.3
ALL	18.4	28.9	23.9	9.3	1.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0		

TOTAL NO. OF OBS : 6915

NOTES :
 * = PERCENT < .05

1 - SURFACE WINDS

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : ANN
 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	1.9	3.2	2.8	.8	.1	.0*	.0*	.0*	.0	.0	.0	8.8	6.4
NNE	1.3	2.3	2.1	.7	.1	.0*	.0*	.0	.0	.0	.0	6.3	6.5
NE	1.0	1.9	1.6	.5	.0*	.0*	.0	.0	.0	.0	.0	5.1	6.5
ENE	.9	1.6	1.0	.2	.0*	.0*	.0	.0	.0	.0	.0	3.8	5.7
E	1.4	1.9	1.0	.2	.0*	.0*	.0	.0*	.0	.0	.0	4.5	5.2
ESE	.8	1.1	.7	.2	.0*	.0*	.0	.0	.0	.0	.0	2.8	5.6
SE	.7	1.3	1.0	.2	.0*	.0*	.0	.0	.0	.0	.0	3.2	6.0
SSE	.8	1.2	1.2	.3	.0*	.0*	.0	.0	.0	.0	.0	3.6	6.2
S	1.6	2.5	2.8	1.0	.1	.0*	.0*	.0*	.0	.0	.0	8.0	6.8
SSW	1.4	2.1	2.1	.8	.1	.0*	.0*	.0	.0	.0	.0	6.4	6.7
SW	1.8	2.5	1.9	.7	.1	.0*	.0*	.0	.0	.0	.0	6.9	6.2
WSW	1.7	2.4	1.9	.7	.1	.0*	.0*	.0	.0	.0	.0	6.8	6.4
W	1.7	2.7	2.0	.9	.1	.0*	.0*	.0*	.0	.0	.0	7.3	6.6
WNW	.7	1.3	1.1	.6	.1	.0*	.0*	.0	.0	.0	.0	3.8	7.2
NW	.6	1.1	1.1	.6	.1	.0*	.0*	.0	.0	.0	.0	3.6	7.5
NNW	1.0	1.6	1.4	.6	.1	.0*	.0*	.0	.0	.0	.0	4.7	6.7
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	14.2	.0
ALL	19.2	30.8	25.7	8.8	1.0	.2	.0*	.0*	.0	.0	.0	100.0	5.5

TOTAL NO. OF OBS : 80986

NOTES :
 * = PERCENT < .05

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	2.7	54.2	57.9	59.5	61.0	61.1	61.5	61.7	61.7	61.7	61.8	62.0	62.0	62.2	62.2	62.4	62.6
>=2000	2.7	56.1	59.8	61.7	63.2	63.3	63.7	63.9	63.9	64.0	64.0	64.1	64.1	64.5	64.5	64.8	65.1
>=1800	2.7	56.1	59.9	61.8	63.3	63.5	63.9	64.0	64.0	64.0	64.1	64.3	64.3	64.7	64.7	64.9	65.2
>=1600	2.7	56.1	59.9	61.8	63.3	63.5	63.9	64.0	64.0	64.0	64.1	64.3	64.3	64.7	64.7	64.9	65.2
>=1400	2.7	56.4	60.2	62.1	63.6	63.7	64.1	64.3	64.3	64.3	64.4	64.5	64.5	64.9	64.9	65.2	65.5
>=1200	2.7	57.2	61.3	63.2	64.7	64.8	65.2	65.4	65.4	65.4	65.5	65.6	65.6	66.0	66.0	66.3	66.6
>=1000	2.7	59.5	63.6	65.5	67.0	67.1	67.5	67.7	67.7	67.7	67.9	68.1	68.1	68.5	68.5	68.8	69.0
>= 900	2.7	59.8	63.9	65.8	67.3	67.4	67.8	67.9	67.9	67.9	68.2	68.3	68.3	68.8	68.8	69.0	69.3
>= 800	2.7	63.5	67.5	69.4	70.9	71.1	71.5	71.6	71.6	71.6	71.9	72.0	72.0	72.4	72.4	72.7	73.0
>= 700	2.7	64.0	68.1	70.0	71.5	71.6	72.1	72.3	72.3	72.3	72.6	72.7	72.7	73.1	73.1	73.4	73.6
>= 600	2.7	64.5	68.6	70.5	72.0	72.1	72.7	72.8	72.8	72.8	73.1	73.2	73.2	73.6	73.6	73.9	74.2
>= 500	3.0	65.8	70.0	71.9	73.4	73.5	74.0	74.2	74.2	74.2	74.5	74.6	74.6	75.0	75.0	75.3	75.5
>= 450	3.0	66.2	70.4	72.3	73.9	74.0	74.6	74.7	74.7	74.7	75.0	75.1	75.1	75.5	75.5	75.8	76.1
>= 400	3.1	68.9	73.2	75.1	76.8	76.9	77.4	77.6	77.6	77.6	77.9	78.0	78.0	78.4	78.4	78.7	78.9
>= 350	3.1	69.3	73.8	75.7	77.4	77.4	78.0	78.1	78.1	78.1	78.4	78.5	78.5	78.9	78.9	79.2	79.5
>= 300	3.1	70.8	75.4	77.6	79.3	79.5	80.2	80.3	80.3	80.3	80.6	80.7	80.7	81.1	81.1	81.4	81.7
>= 250	3.1	72.0	76.9	79.3	81.1	81.3	82.2	82.3	82.3	82.3	82.6	82.7	82.7	83.2	83.2	83.4	83.7
>= 200	3.1	73.0	78.0	80.8	82.7	82.9	83.8	84.1	84.1	84.1	84.4	84.6	84.6	85.1	85.1	85.3	85.6
>= 1800	3.1	73.1	78.1	81.0	82.9	83.0	84.0	84.2	84.2	84.2	84.5	84.8	84.8	85.2	85.2	85.5	85.7
>= 1500	3.1	74.3	79.6	82.6	84.5	84.6	85.7	86.0	86.0	86.0	86.4	86.7	86.7	87.1	87.1	87.4	87.6
>= 1200	3.1	74.7	80.2	83.3	85.2	85.3	86.4	86.7	86.7	86.7	87.1	87.4	87.4	87.8	87.8	88.0	88.3
>= 1000	3.1	75.5	81.3	84.4	86.3	86.4	87.9	88.3	88.3	88.3	88.7	89.0	89.0	89.4	89.4	89.7	89.9
>= 900	3.1	75.5	81.3	84.4	86.3	86.4	87.9	88.3	88.3	88.3	88.7	89.0	89.0	89.4	89.4	89.7	89.9
>= 800	3.1	76.1	81.9	85.5	87.5	87.6	89.3	89.7	89.7	89.7	90.1	90.4	90.4	90.8	90.8	91.0	91.3
>= 700	3.1	76.4	82.9	87.0	89.3	89.4	91.3	91.7	91.7	91.7	92.3	92.5	92.5	92.9	92.9	93.2	93.5
>= 600	3.1	76.8	83.8	87.9	90.4	90.5	92.4	92.8	92.8	92.8	93.3	93.6	93.6	94.0	94.0	94.3	94.6
>= 500	3.1	76.8	83.8	88.6	91.2	91.3	93.2	93.6	93.6	93.6	94.3	94.6	94.6	95.0	95.0	95.2	95.5
>= 400	3.1	77.0	84.1	89.1	91.8	92.0	93.9	94.3	94.3	94.3	95.2	95.7	95.7	96.1	96.1	96.5	96.7
>= 300	3.1	77.3	84.5	89.5	92.5	92.7	94.7	95.4	95.4	95.4	96.3	96.9	96.9	97.3	97.3	97.7	98.0
>= 200	3.1	77.4	84.6	89.7	92.7	92.8	94.8	95.5	95.5	95.5	96.6	97.3	97.3	97.8	97.8	98.4	98.9
>= 100	3.1	77.4	84.6	89.7	92.7	92.8	94.8	95.5	95.5	95.5	96.6	97.3	97.3	97.8	97.8	98.5	99.3
0	3.1	77.4	84.6	89.7	92.7	92.8	94.8	95.5	95.5	95.5	96.6	97.3	97.3	97.8	97.8	98.8	100.0

TOTAL NO. OF OBS :	736

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

UML INIT	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/2	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
>=20000	2.4	54.2	56.9	59.2	59.9	60.8	60.8	60.8	61.5	61.6	61.6	61.6	62.2	62.2	62.3	62.7
>=18000	2.4	55.7	58.4	60.7	61.6	62.8	62.8	62.8	63.6	63.8	63.8	63.8	64.3	64.3	64.5	65.0
>=16000	2.4	55.7	58.4	60.7	61.6	62.8	62.8	62.8	63.6	63.8	63.8	63.8	64.3	64.3	64.5	65.0
>=14000	2.4	55.8	58.5	60.8	61.8	63.0	63.0	63.0	63.8	63.9	63.9	63.9	64.5	64.5	64.6	65.1
>=12000	2.4	56.5	59.2	61.5	62.6	63.8	63.8	63.8	64.6	64.7	64.7	64.7	65.3	65.3	65.4	65.9
>=10000	2.4	59.5	62.3	64.6	65.7	66.9	66.9	66.9	67.7	67.8	67.8	67.8	68.4	68.4	68.5	69.1
>= 9000	2.4	59.7	62.7	65.1	66.2	67.4	67.4	67.4	68.2	68.4	68.4	68.4	68.9	68.9	69.1	69.6
>= 8000	2.4	63.0	66.5	68.9	70.0	71.2	71.2	71.2	72.0	72.2	72.2	72.2	72.7	72.7	73.0	73.5
>= 7000	2.4	63.6	67.2	69.6	70.8	72.0	72.0	72.0	72.8	73.0	73.0	73.0	73.5	73.5	73.8	74.3
>= 6000	2.4	64.1	67.6	70.0	71.2	72.4	72.4	72.4	73.2	73.4	73.4	73.4	73.9	73.9	74.2	74.7
>= 5000	2.4	64.9	68.5	70.9	72.2	73.4	73.4	73.4	74.2	74.3	74.3	74.3	74.9	74.9	75.1	75.7
>= 4500	2.6	65.5	69.2	71.8	73.0	74.2	74.2	74.2	75.0	75.1	75.1	75.1	75.7	75.7	75.9	76.5
>= 4000	2.7	66.8	70.9	73.5	74.7	75.9	75.9	75.9	76.8	76.9	76.9	76.9	77.4	77.4	77.7	78.2
>= 3500	2.7	67.7	72.2	74.7	75.9	77.2	77.2	77.2	78.0	78.1	78.1	78.1	78.6	78.6	78.9	79.5
>= 3000	2.7	69.2	73.8	76.5	78.0	79.2	79.2	79.2	80.1	80.3	80.3	80.3	80.9	80.9	81.2	81.8
>= 2500	2.7	70.5	75.1	77.8	79.3	80.5	80.5	80.5	81.5	81.6	81.6	81.6	82.3	82.3	82.6	83.1
>= 2000	2.7	71.2	76.2	79.2	81.1	82.3	82.3	82.3	83.2	83.5	83.5	83.5	84.2	84.2	84.5	85.0
>= 1800	2.7	71.2	76.2	79.2	81.1	82.3	82.3	82.3	83.2	83.5	83.5	83.5	84.2	84.2	84.5	85.0
>= 1500	2.7	72.8	78.2	81.4	83.4	85.0	85.0	85.0	85.9	86.2	86.2	86.2	87.0	87.0	87.3	87.8
>= 1200	2.7	73.2	78.6	81.8	83.8	85.4	85.4	85.4	86.4	86.6	86.6	86.6	87.4	87.4	87.7	88.2
>= 1000	2.7	74.3	80.4	83.5	85.5	87.3	87.3	87.3	88.2	88.5	88.5	88.5	89.3	89.3	89.6	90.1
>= 900	2.7	74.6	80.8	83.9	85.9	87.7	87.7	87.8	88.8	89.1	89.1	89.1	89.9	89.9	90.1	90.7
>= 800	2.7	74.9	81.1	84.5	86.5	88.5	88.5	88.8	89.9	90.1	90.1	90.1	90.9	90.9	91.2	91.8
>= 700	2.7	75.1	81.6	85.1	87.2	89.2	89.5	89.5	90.5	90.8	90.8	90.8	91.6	91.6	91.9	92.4
>= 600	2.7	75.4	82.2	85.8	88.1	90.3	90.5	90.5	91.6	91.9	91.9	91.9	92.7	92.7	93.0	93.5
>= 500	2.7	75.7	82.4	86.2	88.9	91.1	91.5	91.5	92.7	93.0	93.0	93.0	93.9	93.9	94.2	94.9
>= 400	2.7	75.8	82.6	86.5	89.5	91.8	92.2	92.2	93.5	93.8	93.8	93.8	95.0	95.0	95.3	95.9
>= 300	2.7	76.1	82.8	86.9	90.0	92.6	93.2	93.2	94.9	95.3	95.3	95.3	96.5	96.5	96.8	97.6
>= 200	2.7	76.2	83.0	87.0	90.1	93.0	93.6	93.6	95.7	96.2	96.2	96.2	97.4	97.4	97.7	98.5
>= 100	2.7	76.2	83.0	87.0	90.1	93.0	93.6	93.6	95.8	96.4	96.4	96.4	97.6	97.6	98.1	99.1
= 0	2.7	76.2	83.0	87.0	90.3	93.1	93.8	93.8	95.9	96.5	96.5	96.5	97.7	97.7	98.4	100.0

TOTAL NO. OF OBS : 740

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1/4
UNLIMIT	7.9	43.4	46.6	49.0	50.2	50.4	50.7	50.9	50.9	51.2
>=20000	8.1	46.4	49.6	52.1	53.4	53.6	54.1	54.3	54.3	54.8
>=18000	8.1	46.5	49.7	52.2	53.5	53.7	54.2	54.4	54.4	54.9
>=16000	8.1	46.5	49.7	52.2	53.5	53.7	54.2	54.4	54.4	54.9
>=14000	8.1	46.7	49.9	52.4	53.7	54.0	54.4	54.6	54.6	55.1
>=12000	8.5	47.9	51.1	53.6	54.9	55.1	55.6	55.8	55.8	56.3
>=10000	9.1	51.1	54.7	57.4	58.7	58.9	59.4	59.6	59.6	60.2
>= 9000	9.2	51.5	55.1	58.0	59.3	59.5	60.0	60.2	60.2	60.9
>= 8000	9.4	54.5	58.5	61.6	62.9	63.2	63.8	64.0	64.0	64.8
>= 7000	9.4	55.8	59.9	63.2	64.5	64.7	65.5	65.8	65.8	66.5
>= 6000	9.6	56.2	60.3	63.6	64.9	65.1	66.0	66.2	66.2	67.0
>= 5000	9.8	57.6	61.9	65.2	66.6	66.8	67.7	67.9	68.7	69.7
>= 4500	9.8	58.2	62.7	66.1	67.5	67.7	68.7	68.9	69.7	69.7
>= 4000	9.9	59.6	64.4	67.9	69.3	69.6	70.5	70.7	71.5	71.5
>= 3500	10.0	60.9	65.9	69.6	71.0	71.2	72.3	72.5	73.2	73.2
>= 3000	10.4	62.9	68.3	72.4	74.0	74.2	75.4	75.6	76.4	76.4
>= 2500	10.5	65.0	70.9	75.1	77.0	77.2	78.5	78.8	79.5	79.5
>= 2000	10.5	66.8	73.2	77.6	79.6	79.8	81.1	81.4	82.1	82.1
>= 1800	10.5	67.1	73.5	77.8	79.8	80.1	81.4	81.6	82.3	82.3
>= 1500	10.7	68.4	75.0	79.7	81.8	82.0	83.5	83.7	84.5	84.6
>= 1200	10.8	69.1	76.1	80.8	82.9	83.1	84.7	84.9	85.7	85.8
>= 1000	10.9	69.6	76.7	81.7	83.9	84.1	85.9	86.1	87.0	87.1
>= 900	10.9	69.9	77.0	82.0	84.2	84.4	86.2	86.5	87.3	87.4
>= 800	10.9	70.4	77.9	82.9	85.3	85.6	87.5	87.8	88.7	88.8
>= 700	10.9	70.5	78.1	83.3	85.7	86.0	88.0	88.2	89.2	89.3
>= 600	11.1	71.3	79.1	84.4	86.8	87.1	89.1	89.3	90.4	90.5
>= 500	11.2	71.8	79.7	85.3	88.0	88.3	90.5	90.7	92.1	92.2
>= 400	11.2	72.0	80.0	85.6	88.3	88.7	91.0	91.2	92.8	93.0
>= 300	11.2	72.3	80.4	86.2	89.3	89.7	92.1	92.5	94.5	94.8
>= 200	11.2	72.3	80.4	86.2	89.3	89.7	92.2	92.6	94.7	95.1
>= 100	11.2	72.3	80.4	86.2	89.3	89.7	92.2	92.6	94.7	95.3
>= 0	11.2	72.3	80.4	86.2	89.3	89.7	92.2	92.6	94.7	95.3

TOTAL NO. OF OBS : 923

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2	1/2	>=1	1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMITED	12.9	48.6	50.7	51.0	51.3	51.4	51.6	51.7	51.8	51.8	51.8	51.8	51.9	52.0	52.0	52.0
>=20000	13.0	52.5	54.9	55.4	55.8	55.9	56.0	56.1	56.2	56.4	56.4	56.4	56.5	56.7	56.7	56.7
>=18000	13.0	52.9	55.2	55.8	56.1	56.2	56.3	56.4	56.5	56.8	56.8	56.8	56.9	57.0	57.0	57.0
>=16000	13.0	52.9	55.2	55.8	56.1	56.2	56.3	56.4	56.5	56.8	56.8	56.8	56.9	57.0	57.0	57.0
>=14000	13.2	53.3	55.7	56.2	56.5	56.7	56.8	56.9	57.0	57.2	57.2	57.2	57.3	57.4	57.4	57.4
>=12000	13.9	54.7	57.2	57.8	58.1	58.2	58.3	58.4	58.5	58.8	58.8	58.8	58.9	59.0	59.0	59.0
>=10000	14.5	57.0	59.6	60.2	60.5	60.6	60.8	60.9	61.0	61.2	61.2	61.2	61.3	61.4	61.4	61.4
>= 9000	14.9	57.6	60.3	60.9	61.2	61.3	61.4	61.5	61.6	61.9	61.9	61.9	62.0	62.1	62.1	62.1
>= 8000	15.3	63.0	66.2	67.1	67.5	67.6	67.7	67.8	68.0	68.2	68.2	68.2	68.3	68.4	68.4	68.4
>= 7000	15.3	64.7	68.1	69.1	69.7	69.8	70.0	70.2	70.3	70.5	70.5	70.5	70.6	70.7	70.7	70.7
>= 6000	15.3	65.1	68.4	69.4	70.1	70.2	70.3	70.5	70.6	70.8	70.8	70.8	71.0	71.1	71.1	71.1
>= 5000	15.6	66.4	69.7	70.8	71.6	71.7	71.8	72.1	72.2	72.4	72.4	72.4	72.5	72.6	72.6	72.6
>= 4500	15.7	67.3	70.6	71.7	72.6	72.7	72.8	73.1	73.2	73.4	73.4	73.4	73.5	73.6	73.6	73.6
>= 4000	16.3	69.1	72.5	73.7	74.6	74.7	74.8	75.1	75.2	75.4	75.4	75.4	75.5	75.6	75.6	75.6
>= 3500	16.7	70.8	74.3	75.6	76.6	76.7	76.8	77.1	77.2	77.4	77.4	77.4	77.5	77.6	77.6	77.6
>= 3000	17.1	73.6	77.4	78.9	80.0	80.2	80.3	80.5	80.6	80.8	80.8	80.8	81.0	81.2	81.2	81.2
>= 2500	17.2	75.2	78.9	80.6	81.8	82.0	82.2	82.4	82.5	82.7	82.7	82.7	82.9	83.0	83.0	83.0
>= 2000	17.4	76.8	80.8	82.6	83.8	84.1	84.3	84.5	84.6	84.8	84.8	84.8	85.0	85.1	85.1	85.1
>= 1800	17.4	76.8	80.8	82.6	83.8	84.1	84.3	84.5	84.6	84.8	84.8	84.8	85.0	85.1	85.1	85.1
>= 1500	17.4	77.8	82.0	84.0	85.5	85.8	86.0	86.3	86.4	86.6	86.6	86.6	86.8	86.9	86.9	86.9
>= 1200	17.6	78.4	82.8	84.8	86.3	86.7	86.9	87.3	87.4	87.8	87.8	87.8	88.0	88.1	88.1	88.1
>= 1000	17.8	80.5	85.1	87.3	89.0	89.5	89.8	90.2	90.4	90.8	90.9	90.9	91.1	91.2	91.2	91.2
>= 900	18.0	80.7	85.4	87.5	89.5	89.9	90.2	90.7	90.8	91.2	91.4	91.4	91.6	91.7	91.7	91.7
>= 800	18.0	81.4	86.3	88.5	90.7	91.1	91.6	92.1	92.2	92.7	92.8	92.8	93.0	93.1	93.1	93.1
>= 700	18.0	81.6	86.5	88.9	91.2	91.7	92.2	92.8	92.9	93.5	93.7	93.7	93.9	94.0	94.0	94.0
>= 600	18.0	81.8	86.7	89.1	91.5	91.9	92.5	93.1	93.2	93.8	94.0	94.0	94.2	94.3	94.3	94.3
>= 500	18.0	81.9	87.1	89.9	92.5	93.0	93.8	94.7	94.8	95.7	96.0	96.0	96.3	96.5	96.5	96.5
>= 400	18.0	82.2	87.4	90.2	92.9	93.5	94.3	95.6	95.8	96.7	97.0	97.0	97.3	97.5	97.5	97.5
>= 300	18.0	82.2	87.5	90.7	93.7	94.2	95.2	96.7	97.0	98.1	98.6	98.6	98.9	99.0	99.0	99.1
>= 200	18.0	82.2	87.5	90.7	93.7	94.2	95.2	96.7	97.0	98.1	98.6	98.6	99.0	99.1	99.1	99.4
>= 100	18.0	82.2	87.5	90.7	93.7	94.2	95.2	96.7	97.0	98.1	98.6	98.6	99.0	99.1	99.1	99.7
>= 0	18.0	82.2	87.5	90.7	93.7	94.2	95.2	96.7	97.0	98.1	98.6	98.6	99.0	99.1	99.1	100.0

TOTAL NO. OF OBS : 902

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 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
UNLIMIT	16.0	52.4	52.7	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=20000	16.2	56.7	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=18000	16.3	57.1	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
>=16000	16.5	57.3	57.6	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=14000	16.5	57.5	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=12000	17.4	59.6	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
>=10000	18.2	62.6	63.0	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>= 9000	18.5	63.5	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>= 8000	19.1	67.8	68.2	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 7000	19.3	70.2	70.6	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 6000	19.3	71.4	71.8	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 5000	19.4	72.1	72.5	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 4500	19.4	72.8	73.3	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>= 4000	19.8	74.5	74.9	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>= 3500	20.5	76.1	76.5	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
>= 3000	20.8	78.6	79.4	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 2500	21.4	80.9	82.0	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 2000	21.7	82.9	84.5	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 1800	21.7	83.1	84.7	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>= 1500	22.1	85.3	87.0	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 1200	22.1	85.8	87.8	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
>= 1000	22.2	87.1	89.4	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
>= 900	22.2	87.6	89.8	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 800	22.4	88.2	90.5	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>= 700	22.4	88.5	91.0	92.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 600	22.4	88.8	91.5	93.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 500	22.4	89.0	92.1	94.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>= 400	22.4	89.4	92.5	94.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>= 300	22.4	89.5	92.6	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 200	22.4	89.5	92.6	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 100	22.4	89.5	92.6	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 0	22.4	89.5	92.6	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NO. OF OBS : 902

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0	>=0
UNLIMIT	16.3	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
>=20000	16.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>=18000	16.7	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
>=16000	17.1	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
>=14000	17.5	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=12000	18.1	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=10000	18.9	64.6	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
>= 9000	19.0	65.1	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>= 8000	19.5	68.8	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>= 7000	19.6	70.1	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>= 6000	19.6	70.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 5000	19.9	71.7	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 4500	19.9	72.4	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
>= 4000	20.4	74.9	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 3500	20.6	76.3	77.5	77.6	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 3000	21.0	79.7	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
>= 2500	21.2	81.5	82.9	83.2	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>= 2000	21.4	83.8	85.5	85.8	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>= 1800	21.5	84.3	85.9	86.3	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 1500	21.5	85.5	87.4	88.0	88.6	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9
>= 1200	21.6	86.0	87.9	88.6	89.1	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>= 1000	21.7	87.5	89.9	90.9	91.6	92.0	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>= 900	21.7	87.7	90.1	91.1	92.0	92.5	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 800	21.7	87.7	90.3	91.4	92.5	92.9	93.4	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 700	21.9	88.6	91.1	92.5	93.7	94.1	94.6	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 600	21.9	88.8	91.5	92.9	94.2	94.8	95.3	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>= 500	21.9	89.1	92.1	93.7	95.3	96.0	97.2	97.6	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1
>= 400	21.9	89.4	92.5	94.0	95.9	96.9	98.2	98.6	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2
>= 300	21.9	89.5	92.6	94.2	96.1	97.2	98.7	99.1	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9
>= 200	21.9	89.5	92.7	94.4	96.2	97.3	98.8	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>= 100	21.9	89.5	92.7	94.4	96.2	97.3	98.8	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0
>= 0	21.9	89.5	92.7	94.4	96.2	97.3	98.8	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 903

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8
UNLIMIT	12.6	58.1	58.7	59.3	59.4	59.4	59.4	59.4	59.5	59.5
>=20000	12.6	61.3	62.1	62.6	62.7	62.7	62.7	62.8	62.8	62.8
>=18000	12.6	61.5	62.3	62.8	63.0	63.0	63.0	63.1	63.1	63.1
>=16000	12.6	61.5	62.3	62.8	63.0	63.0	63.0	63.1	63.1	63.1
>=14000	12.7	61.7	62.5	63.1	63.2	63.2	63.2	63.3	63.3	63.3
>=12000	13.1	63.3	64.1	64.6	64.7	64.7	64.7	64.8	64.8	64.8
>=10000	13.7	66.6	67.4	68.0	68.1	68.1	68.1	68.2	68.2	68.2
>= 9000	13.7	66.7	67.5	68.1	68.2	68.2	68.2	68.3	68.3	68.3
>= 8000	13.8	70.5	71.6	72.2	72.3	72.3	72.3	72.4	72.4	72.4
>= 7000	14.0	71.9	73.0	73.5	73.6	73.6	73.6	73.7	73.7	73.7
>= 6000	14.0	72.3	73.4	74.0	74.1	74.1	74.1	74.2	74.2	74.2
>= 5000	14.0	73.2	74.4	75.1	75.2	75.2	75.2	75.3	75.3	75.3
>= 4500	14.0	73.7	75.0	75.6	75.8	75.8	75.8	75.9	75.9	75.9
>= 4000	14.2	76.4	78.0	78.6	78.8	78.9	78.9	79.0	79.0	79.0
>= 3500	14.3	77.6	79.2	79.9	80.0	80.1	80.1	80.2	80.2	80.2
>= 3000	14.3	79.2	80.9	81.5	81.9	82.0	82.1	82.2	82.2	82.2
>= 2500	14.5	81.1	83.0	83.9	84.2	84.3	84.4	84.6	84.6	84.6
>= 2000	14.7	82.6	84.8	85.7	86.0	86.1	86.3	86.5	86.5	86.5
>= 1800	14.7	83.0	85.1	86.0	86.3	86.4	86.7	86.9	86.9	86.9
>= 1500	14.8	84.5	86.7	88.0	88.3	88.7	88.9	89.2	89.2	89.2
>= 1200	14.8	84.6	86.8	88.2	88.5	88.9	89.1	89.4	89.4	89.4
>= 1000	14.8	86.2	88.7	90.5	91.0	91.4	91.8	92.1	92.1	92.1
>= 900	14.8	86.7	89.3	91.2	91.9	92.3	92.7	93.0	93.0	93.0
>= 800	14.8	86.9	89.5	91.4	92.3	92.8	93.2	93.7	93.7	93.7
>= 700	14.8	86.9	89.9	92.0	93.0	93.4	93.9	94.3	94.3	94.3
>= 600	14.8	86.9	90.0	92.3	93.4	93.9	94.4	94.9	94.9	94.9
>= 500	14.8	87.0	90.3	93.0	94.3	94.9	95.7	96.1	96.1	96.1
>= 400	14.8	87.1	90.7	93.7	95.2	96.0	96.9	97.4	97.4	97.4
>= 300	14.8	87.1	90.7	93.8	95.3	96.6	97.4	98.2	98.2	98.2
>= 200	14.8	87.1	90.7	94.0	95.8	97.0	97.9	98.7	98.7	98.7
>= 100	14.8	87.1	90.7	94.0	95.7	97.0	97.9	98.7	98.7	98.7
>= 0	14.8	87.1	90.7	94.0	95.7	97.0	97.9	98.7	98.7	98.7

TOTAL NO. OF OBS : 899

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	3.3	56.4	58.5	59.2	59.5	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.9	59.9	60.2	60.2
>=20000	3.3	59.2	61.4	62.1	62.3	62.5	62.5	62.5	62.5	62.7	62.7	62.7	62.9	62.9	63.1	63.3
>=18000	3.3	59.3	61.5	62.2	62.5	62.6	62.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.3	63.4
>=16000	3.3	59.3	61.5	62.2	62.5	62.6	62.6	62.6	62.6	62.9	62.9	62.9	63.0	63.0	63.3	63.4
>=14000	3.3	59.5	61.7	62.3	62.6	62.7	62.7	62.7	62.7	63.0	63.0	63.0	63.1	63.1	63.4	63.6
>=12000	3.3	60.7	63.0	63.7	64.0	64.1	64.1	64.1	64.1	64.4	64.4	64.4	64.5	64.5	64.8	64.9
>=10000	3.5	62.7	65.3	66.0	66.4	66.5	66.7	66.7	66.7	67.1	67.1	67.1	67.2	67.2	67.5	67.6
>= 9000	3.5	62.7	65.3	66.0	66.4	66.5	66.7	66.7	66.7	67.1	67.1	67.1	67.2	67.2	67.5	67.6
>= 8000	3.5	67.3	70.3	71.0	71.5	71.7	71.8	71.8	71.8	72.2	72.2	72.2	72.4	72.4	72.6	72.8
>= 7000	3.5	67.6	70.7	71.4	72.0	72.1	72.2	72.2	72.2	72.6	72.6	72.6	72.8	72.8	73.0	73.2
>= 6000	3.5	67.9	71.0	71.7	72.2	72.5	72.5	72.5	72.5	72.9	72.9	72.9	73.0	73.0	73.3	73.4
>= 5000	3.8	68.7	72.0	72.8	73.3	73.4	73.6	73.6	73.6	74.0	74.0	74.0	74.1	74.1	74.4	74.5
>= 4500	3.8	69.8	73.0	73.8	74.4	74.5	74.7	74.7	74.7	75.1	75.1	75.1	75.2	75.2	75.5	75.6
>= 4000	3.8	72.6	75.9	76.7	77.4	77.5	77.6	77.6	77.6	78.0	78.0	78.0	78.2	78.2	78.5	78.6
>= 3500	3.9	73.4	76.7	77.5	78.2	78.3	78.5	78.5	78.5	78.9	78.9	78.9	79.0	79.0	79.3	79.4
>= 3000	3.9	75.5	79.0	80.2	80.9	81.0	81.2	81.2	81.2	81.6	81.6	81.6	81.7	81.7	82.0	82.1
>= 2500	3.9	77.9	81.6	82.9	83.7	83.9	84.1	84.1	84.1	84.6	84.6	84.6	84.7	84.7	85.0	85.1
>= 2000	3.9	79.3	83.1	84.7	85.5	85.6	85.9	85.9	85.9	86.3	86.3	86.3	86.4	86.4	86.7	86.9
>= 1800	3.9	79.4	83.2	84.8	85.8	85.9	86.2	86.2	86.2	86.6	86.6	86.6	86.7	86.7	87.0	87.1
>= 1500	3.9	80.8	84.7	86.3	87.4	87.5	87.8	87.8	87.8	88.2	88.2	88.2	88.3	88.3	88.6	88.8
>= 1200	3.9	81.2	85.1	86.7	87.8	87.9	88.2	88.2	88.2	88.6	88.6	88.6	88.8	88.8	89.0	89.2
>= 1000	3.9	82.1	86.3	88.3	89.6	89.7	90.1	90.1	90.1	90.8	90.8	90.8	90.9	90.9	91.2	91.5
>= 900	3.9	82.1	86.4	88.6	89.8	90.0	90.5	90.5	90.5	91.2	91.2	91.2	91.3	91.3	91.6	91.9
>= 800	3.9	82.2	86.9	89.2	90.4	90.5	91.1	91.1	91.1	91.7	91.7	91.7	91.9	91.9	92.1	92.4
>= 700	3.9	82.5	87.3	89.7	90.9	91.1	91.7	91.7	91.7	92.4	92.4	92.4	92.5	92.5	92.8	93.1
>= 600	3.9	82.7	87.5	90.5	92.1	92.3	93.0	93.0	93.0	93.6	93.6	93.6	93.8	93.8	94.0	94.3
>= 500	3.9	82.8	87.9	91.3	93.4	93.5	94.2	94.3	94.3	95.0	95.0	95.0	95.5	95.5	95.8	96.1
>= 400	3.9	83.1	88.2	91.6	94.0	94.2	95.1	95.3	95.3	96.1	96.1	96.1	96.6	96.6	96.9	97.2
>= 300	3.9	83.2	88.3	91.9	94.3	94.4	95.8	95.9	95.9	97.2	97.3	97.3	97.8	97.8	98.1	98.4
>= 200	3.9	83.3	88.5	92.3	94.9	95.0	96.3	96.6	96.6	97.8	98.0	98.1	98.6	98.6	98.9	99.2
>= 100	3.9	83.3	88.5	92.3	94.9	95.0	96.3	96.6	96.6	97.8	98.0	98.1	98.6	98.6	99.1	99.3
>= 0	0	83.3	88.5	92.3	94.9	95.0	96.3	96.6	96.6	97.8	98.0	98.1	98.6	98.6	99.5	100.0

TOTAL NO. OF OBS : 738

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 CLASS : ALL WEATHER
 CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC
 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	9.7	52.2	54.0	55.0	55.5	55.5	55.7	55.8	55.8	56.0	56.0	56.0	56.1	56.2	56.3	56.5
>=20000	9.8	55.6	57.5	58.5	59.0	59.1	59.4	59.4	59.4	59.7	59.7	59.7	59.9	59.9	60.1	60.3
>=18000	9.9	55.8	57.7	58.7	59.2	59.3	59.6	59.6	59.6	59.9	59.9	59.9	60.1	60.1	60.3	60.5
>=16000	9.9	55.8	57.7	58.8	59.3	59.4	59.6	59.7	59.7	60.0	60.0	60.0	60.2	60.2	60.3	60.6
>=14000	10.0	56.2	58.1	59.1	59.7	59.8	60.0	60.1	60.1	60.3	60.4	60.4	60.5	60.6	60.7	60.9
>=12000	10.4	57.6	59.6	60.7	61.2	61.3	61.6	61.6	61.6	61.9	61.9	61.9	62.1	62.1	62.3	62.5
>=10000	10.9	60.4	62.5	63.6	64.2	64.3	64.5	64.6	64.6	64.9	64.9	64.9	65.1	65.1	65.3	65.5
>=9000	11.0	60.8	63.0	64.1	64.6	64.7	65.0	65.1	65.1	65.4	65.4	65.4	65.6	65.6	65.8	66.0
>=8000	11.3	64.8	67.2	68.4	69.0	69.1	69.4	69.5	69.5	69.8	69.8	69.8	70.0	70.0	70.2	70.5
>=7000	11.4	66.0	68.5	69.8	70.5	70.5	70.9	70.9	71.0	71.3	71.3	71.3	71.5	71.5	71.7	71.9
>=6000	11.4	66.6	69.1	70.4	71.0	71.1	71.4	71.5	71.5	71.8	71.9	71.9	72.0	72.1	72.3	72.5
>=5000	11.6	67.6	70.2	71.5	72.2	72.3	72.6	72.7	72.7	73.0	73.1	73.1	73.2	73.3	73.5	73.7
>=4500	11.6	68.3	70.9	72.3	73.1	73.1	73.5	73.6	73.6	73.9	73.9	73.9	74.1	74.1	74.3	74.6
>=4000	11.9	70.4	73.2	74.6	75.4	75.5	75.8	75.9	75.9	76.2	76.3	76.3	76.4	76.4	76.7	76.9
>=3500	12.1	71.6	74.5	76.0	76.7	76.8	77.2	77.3	77.3	77.6	77.7	77.7	77.8	77.8	78.1	78.3
>=3000	12.3	73.8	76.9	78.6	79.5	79.6	80.0	80.1	80.1	80.4	80.5	80.5	80.7	80.7	80.9	81.2
>=2500	12.4	75.6	79.0	80.8	81.8	81.9	82.4	82.4	82.5	82.8	82.8	82.8	83.0	83.1	83.3	83.5
>=2000	12.6	77.2	80.9	82.8	83.9	84.0	84.5	84.6	84.7	85.0	85.1	85.1	85.3	85.3	85.5	85.8
>=1800	12.6	77.4	81.0	83.0	84.1	84.3	84.8	84.9	84.9	85.2	85.3	85.3	85.5	85.5	85.7	86.0
>=1500	12.7	78.8	82.7	84.9	86.1	86.3	86.9	87.0	87.0	87.4	87.5	87.5	87.7	87.7	87.9	88.2
>=1200	12.7	79.3	83.3	85.5	86.7	86.9	87.6	87.7	87.8	88.2	88.2	88.2	88.5	88.5	88.7	89.0
>=1000	12.8	80.5	84.8	87.3	88.6	88.9	89.7	89.9	89.9	90.4	90.5	90.5	90.7	90.8	91.0	91.3
>=900	12.8	80.8	85.2	87.6	89.0	89.3	90.2	90.4	90.4	90.9	91.0	91.0	91.2	91.3	91.5	91.8
>=800	12.8	81.2	85.7	88.3	89.8	90.1	91.1	91.3	91.4	91.9	92.0	92.0	92.2	92.3	92.5	92.8
>=700	12.9	81.5	86.2	89.0	90.6	90.9	91.9	92.2	92.2	92.8	92.9	92.9	93.1	93.2	93.4	93.7
>=600	12.9	81.8	86.7	89.6	91.4	91.7	92.7	93.1	93.1	93.6	93.8	93.8	94.0	94.1	94.3	94.6
>=500	12.9	82.0	87.1	90.4	92.4	92.8	94.1	94.5	94.5	95.3	95.4	95.4	95.8	95.8	96.0	96.4
>=400	12.9	82.2	87.4	90.8	93.0	93.4	94.8	95.3	95.4	96.2	96.4	96.4	96.9	96.9	97.1	97.5
>=300	12.9	82.3	87.6	91.1	93.5	94.0	95.6	96.2	96.2	97.3	97.6	97.6	98.0	98.1	98.3	98.7
>=200	12.9	82.4	87.6	91.2	93.7	94.1	95.8	96.4	96.5	97.6	97.9	97.9	98.5	98.5	98.8	99.2
>=100	12.9	82.4	87.6	91.2	93.7	94.1	95.8	96.4	96.5	97.6	98.0	98.0	98.6	98.6	98.9	99.5
>=0	12.9	82.4	87.6	91.2	93.7	94.1	95.8	96.4	96.5	97.6	98.0	98.0	98.6	98.6	99.1	100.0

TOTAL NO. OF OBS : 6743

2 - CEILING VS VISIBILITY

093727 : NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	9.1	47.7	51.1	52.6	53.4	53.5	53.8	53.9	53.9	54.0	54.1	54.1	54.2	54.2	54.3	54.3
>=20000	9.2	52.0	55.8	57.5	58.3	58.5	58.8	58.9	59.0	59.1	59.2	59.2	59.3	59.3	59.4	59.5
>=18000	9.2	52.2	56.0	57.7	58.6	58.7	59.1	59.2	59.2	59.4	59.4	59.4	59.5	59.5	59.6	59.7
>=16000	9.3	52.3	56.1	57.8	58.7	58.8	59.1	59.3	59.3	59.4	59.5	59.5	59.6	59.6	59.7	59.8
>=14000	9.4	52.7	56.5	58.3	59.1	59.2	59.6	59.7	59.7	59.9	60.0	60.0	60.1	60.2	60.2	60.3
>=12000	9.8	54.1	58.0	59.7	60.6	60.7	61.1	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.8
>=10000	10.3	57.3	61.5	63.4	64.3	64.4	64.8	64.9	65.0	65.1	65.2	65.2	65.3	65.3	65.4	65.5
>= 9000	10.4	57.6	61.8	63.7	64.6	64.7	65.1	65.2	65.3	65.4	65.5	65.5	65.6	65.6	65.7	65.8
>= 8000	10.8	61.3	65.9	68.0	69.0	69.1	69.5	69.7	69.7	69.9	69.9	69.9	70.0	70.1	70.2	70.3
>= 7000	10.9	62.3	67.0	69.1	70.2	70.3	70.7	70.9	70.9	71.1	71.1	71.1	71.3	71.3	71.4	71.5
>= 6000	11.0	62.7	67.5	69.6	70.6	70.7	71.2	71.3	71.3	71.5	71.6	71.6	71.7	71.7	71.8	71.9
>= 5000	11.1	63.6	68.5	70.6	71.7	71.9	72.3	72.4	72.5	72.7	72.7	72.7	72.8	72.8	72.9	73.1
>= 4500	11.1	64.1	69.0	71.1	72.2	72.4	72.8	73.0	73.0	73.2	73.2	73.2	73.4	73.4	73.5	73.6
>= 4000	11.4	65.5	70.5	72.8	73.9	74.1	74.5	74.7	74.7	74.9	75.0	75.0	75.1	75.1	75.2	75.3
>= 3500	11.5	66.4	71.6	73.9	75.1	75.2	75.7	75.8	75.9	76.1	76.1	76.1	76.2	76.3	76.4	76.5
>= 3000	12.0	69.5	75.1	77.6	78.9	79.1	79.6	79.8	79.8	80.0	80.1	80.1	80.2	80.2	80.3	80.4
>= 2500	12.4	72.0	77.9	80.6	82.0	82.2	82.8	83.0	83.0	83.2	83.3	83.3	83.4	83.4	83.5	83.6
>= 2000	12.9	74.5	80.7	83.6	85.2	85.4	86.0	86.2	86.2	86.5	86.5	86.5	86.7	86.7	86.8	86.9
>= 1800	13.0	74.7	80.9	83.9	85.4	85.6	86.2	86.5	86.5	86.7	86.8	86.8	86.9	86.9	87.0	87.2
>= 1500	13.3	76.4	83.0	86.2	87.8	88.1	88.8	89.0	89.0	89.3	89.4	89.4	89.5	89.5	89.6	89.8
>= 1200	13.4	77.0	83.8	87.0	88.8	89.0	89.8	90.0	90.0	90.3	90.4	90.4	90.5	90.6	90.7	90.8
>= 1000	13.5	78.1	85.2	88.7	90.6	90.9	91.8	92.1	92.1	92.4	92.5	92.5	92.7	92.7	92.8	93.0
>= 900	13.5	78.3	85.5	89.0	91.0	91.3	92.2	92.5	92.6	92.9	93.0	93.0	93.2	93.2	93.3	93.4
>= 800	13.5	78.6	86.0	89.7	91.8	92.1	93.1	93.5	93.5	93.8	94.0	94.0	94.1	94.1	94.3	94.4
>= 700	13.5	78.9	86.4	90.2	92.5	92.8	93.9	94.2	94.3	94.7	94.8	94.8	95.0	95.0	95.1	95.2
>= 600	13.5	79.1	86.7	90.7	93.1	93.5	94.6	95.1	95.1	95.5	95.6	95.7	95.8	95.9	96.0	96.1
>= 500	13.5	79.3	87.1	91.3	93.9	94.3	95.6	96.1	96.1	96.7	96.8	96.8	97.1	97.1	97.2	97.4
>= 400	13.5	79.4	87.3	91.6	94.3	94.8	96.2	96.8	96.8	97.5	97.6	97.6	97.9	97.9	98.1	98.3
>= 300	13.5	79.5	87.5	91.8	94.6	95.1	96.6	97.3	97.4	98.0	98.3	98.3	98.6	98.7	98.8	99.0
>= 200	13.5	79.5	87.5	91.9	94.7	95.2	96.8	97.5	97.5	98.3	98.6	98.6	99.0	99.0	99.2	99.5
>= 100	13.5	79.5	87.5	91.9	94.7	95.2	96.8	97.5	97.5	98.3	98.6	98.7	99.1	99.1	99.4	99.7
>= 0	13.5	79.5	87.5	91.9	94.7	95.2	96.8	97.5	97.5	98.3	98.6	98.7	99.1	99.2	99.5	100.0

TOTAL NO. OF OBS : 78775

3 - PSYCHROMETRIC SUMMARY

Q91727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JAN
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	BULB	MEI	BULB	DEW PT.
>= 81	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0	0	0
>= 79	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	0	0	0	0
>= 77	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	0	0	0	0
>= 75	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	17	0	0	0	0
>= 73	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	0	0	0	0
>= 71	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	48	48	1	0	0	0
>= 69	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	59	59	6	2	0	0
>= 67	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	117	117	28	8	0	0
>= 65	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	117	117	68	24	0	0
>= 63	.1	.7	.6	.5	.2	.2	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	181	181	112	62	0	0
>= 61	.2	.8	.6	.4	.2	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	178	178	171	118	0	0
>= 59	.2	.9	.4	.2	.2	.3	.2	.1	.0*	.1	.0	.0	.0	.0	.0	.0	.0	182	182	158	124	0	0
>= 57	.4	.8	.7	.3	.3	.4	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	229	229	197	164	0	0
>= 55	.4	.9	.5	.7	.3	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	256	256	157	177	0	0
>= 53	.4	.8	.7	.4	.4	.5	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	236	236	186	172	0	0
>= 51	.3	1.0	.7	.6	.6	.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	280	280	181	144	0	0
>= 49	.4	1.1	1.2	.8	.9	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	372	372	247	160	0	0
>= 47	.5	1.4	1.3	.9	.9	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	390	390	302	185	0	0
>= 45	.5	1.9	1.4	.9	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	418	418	340	218	0	0
>= 43	.5	1.8	1.4	1.3	.9	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	436	436	419	260	0	0
>= 41	.6	1.4	2.2	1.3	.7	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	455	455	451	314	0	0
>= 39	.4	1.5	1.8	1.2	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	399	399	478	296	0	0
>= 37	.4	1.8	1.5	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	364	364	451	306	0	0
>= 35	.5	1.8	1.8	1.1	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	392	392	474	339	0	0
>= 33	.6	1.9	1.4	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	354	354	431	409	0	0
>= 31	.6	1.6	1.6	.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	325	325	443	408	0	0
>= 29	.6	1.3	1.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	252	252	352	396	0	0
>= 27	.3	1.6	.8	.4	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	219	219	312	366	0	0
>= 25	.3	1.0	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	278	319	0	0
>= 23	.2	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	116	116	171	302	0	0
>= 21	.1	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	95	95	132	274	0	0
>= 19	.1	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	67	107	252	0	0
>= 17	.1	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	38	38	77	220	0	0
>= 15	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	45	188	0	0
>= 13	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	21	158	0	0
>= 11	.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	7	108	0	0
>= 9	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	10	83	0	0
>= 7	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	2	68	0	0
>= 5	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	4	47	0	0
>= 3	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	38	0	0
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	32	0	0
>= -1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	31	0	0
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18	0	0
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8	0	0
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9	0	0
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3	0	0
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4	0	0
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2	0	0
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1	0	0
>= -17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3	0	0

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FI MONTH : JAN PAGE 2

DRY-BULB		2 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	0.B./	DRY	WET	DEW
(DEG F)																		W.B.	BULB	BULB	PT.
>=-19	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	1
>=-23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>=-25	0	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	0
>=-29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
>=-31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	8.9	28.9	25.4	15.9	9.9	6.1	3.0	1.3	.4	1	0*	0	0	0	0	0	0	6827	6824		6822

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	477116.	36062264.	69.9	19.873	6822						
15 - DRY BULB	298969.	14153455.	43.8	12.467	6827						744
16 - WET BULB	270769.	11681469.	39.7	11.705	6822	.1	142.3	30.4	6.0	.3	.0
17 - DEW PT.	228759.	9122053.	33.5	14.595	6824	78.0	292.1	3.8	.0	.0	744
						9.0	364.4	1.1	.0	.0	744

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 29 FT
MONTH : FEB
PAGE : 1

[illegible]

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : FEB
 PAGE 2

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 W.B.	DRY BULB	WET BULB	DEW PT.
>=17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>=19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>=21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>=23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	6.9	23.9	24.9	17.2	11.1	7.6	4.5	2.3	1.0	.4	.1	.0*	.0*	.0*	.0*	.0	.0	.0	6224	6230	6224	6223

ELEMENT(X)	SUM X	SUM X**2	MEAN STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.						TOTAL
28 - REL HUM	419289.	30689885.	67.4	19.800	6223	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F
15 - DRY BULB	288239.	14310987.	46.3	12.513	6230	.0	99.8	37.8	8.3	1.5	.0
16 - WET BULB	258165.	11515917.	41.5	11.391	6224	73.4	233.9	4.5	.0	.0	.0
17 - DEW PT.	216897.	8777635.	34.9	13.991	6223	1.5	306.4	.5	.0	.0	.0

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAR
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		
																		0.B./ W.B.	DRY	BULB	WET	DEW	PT.
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	0	0	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	17	0	0	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	0	0	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	49	49	0	0	0	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	54	0	0	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	92	92	0	0	0	0
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	101	101	2	1	0	0
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	5	1	0	0
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	173	173	46	0	0	0
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	259	259	95	13	0	0
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	356	356	169	83	0	0
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	325	325	207	122	0	0
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	386	386	311	193	0	0
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	424	424	382	240	0	0
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	461	461	346	309	0	0
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	454	454	391	282	0	0
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	407	407	392	280	0	0
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	420	420	442	349	0	0
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	402	402	489	338	0	0
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	394	394	478	352	0	0
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	367	367	500	372	0	0
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	313	313	445	334	0	0
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	268	268	442	371	0	0
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	229	229	367	345	0	0
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	176	176	348	360	0	0
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	159	159	274	344	0	0
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	142	222	339	0	0
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	116	116	187	298	0	0
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66	66	137	296	0	0
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	34	96	218	0	0
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	54	244	0	0
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	21	183	0	0
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	8	157	0	0
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	4	126	0	0
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	6	97	0	0
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	3	61	0	0
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	2	74	0	0
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	2	39	0	0
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	16	0	0
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11	0	0
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5	0	0
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9	0	0
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4	0	0
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3	0	0
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3	0	0
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	0
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	0	0	0	0	0	0

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAR PAGE 2

[illegible]

TOTAL	6.0	21.3	20.2	14.9	10.9	9.3	7.0	4.9	2.7	1.7	.7	.3	.0*	.0	.0	.0	6874	6874

ELEMENTAL	SUM X	SUM X**2	MEAN STD DEV	# OBS	<=0 F	<=-32 F	=-67 F	=-73 F	>=80 F	>=93 F	TOTAL
20 - REL HUM	456028.	33440824.	66.3	6874	.	27.8	101.1	38.3	8.9	.0	744
15 - DRY BULB	369145.	20769753.	53.7	6874	79.4	135.8	16.0	.2	.0	.0	744
16 - WET BULB	328459.	16420463.	47.8	6874	.9	199.8	1.6	.1	.0	.0	744
17 - DEW PT.	282735.	12813103.	41.1	6874	.	199.8	1.6	.1	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

091727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : APR
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 BULB	WET BULB	DEM PT.
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	44	44	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	63	63	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	119	119	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	152	152	0	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	206	206	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	263	263	0	0
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	263	263	4	4
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	352	352	63	11
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	422	422	148	25
>= 67	.1	1.1	1.7	1.0	.9	.7	.7	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	483	483	403	101
>= 65	.2	1.4	1.7	1.3	.9	.7	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	543	543	451	203
>= 63	.2	1.6	1.5	1.0	.9	.8	.7	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	484	484	509	331
>= 61	.3	1.3	1.6	1.1	.9	.8	.7	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	493	493	541	462
>= 59	.3	1.4	1.6	.9	.9	.8	.7	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	494	494	541	417
>= 57	.2	.9	1.4	.9	.9	.8	.7	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	385	385	506	467
>= 55	.2	.9	1.1	.9	.9	.6	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	310	310	535	443
>= 53	.1	1.0	1.3	.9	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	317	317	414	397
>= 51	.2	1.0	1.0	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	244	244	462	373
>= 49	.1	.9	1.2	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	230	230	474	388
>= 47	.3	.9	1.1	.6	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	210	210	415	427
>= 45	.1	.8	1.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	190	190	343	344
>= 43	.2	.5	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	117	117	287	319
>= 41	.2	.6	.4	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	103	103	209	326
>= 39	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	54	160	307
>= 37	.0	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32	32	84	293
>= 35	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	18	50	247
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	32	205
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	13	156
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	6	122
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	4	101
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	3	53
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	35
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	35
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	19
>= 15	.0	.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	0	5
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : APR
PAGE 2

DRY-BULB		% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)										TOTAL OBS											
TEMP.												W.B.											
(DEG F)												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	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.	
TOTAL	3.2	15.9	19.7	13.3	10.7	9.8	8.8	7.0	4.8	3.3	1.6	1.0	.4	.2	.0	.0*	.0*	6672	6670	6672	6670		
ELEMENT(X)		SUM X	SUM X**2	MEAN STD DEV # OBS										<=D F <-32 F >=67 F >=80 F >=93 F TOTAL									
28 - REL HUM		431812.	30891552.	64.7 20.983										6670									
15 - DRY BULB		417549.	26892555.	62.6 10.683										6672									
16 - WET BULB		368284.	20840934.	55.2 8.712										6670									
17 - DEW PT.		325891.	16769591.	48.8 11.298										6672									
				40 - MEAN NO. OF HOURS WITH TEMP.																			
				<=D F <-32 F >=67 F >=80 F >=93 F																			
				.0 1.0 262.2 126.5 39.2 .2 720																			
				76.2 79.1 68.0 1.7 .0 .0 720																			
				.0 63.1 14.9 .1 .0 .0 720																			

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAY
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 O.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	59	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	74	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	214	214	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	273	273	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	390	390	6	1
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	417	417	33	0
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	490	490	88	17
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	557	557	269	51
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	694	694	541	155
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	665	665	830	469
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	582	582	845	682
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	466	466	784	754
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	399	399	674	658
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	321	321	602	574
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	277	277	489	574
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	233	233	466	512
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	197	197	388	472
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	126	126	269	398
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	104	104	201	332
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	59	162	278
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	99	217
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	50	199
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	33	127
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	18	104
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	8	72
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	48
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	27
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	20
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	17
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6859
TOTAL	4.2	18.4	20.9	13.3	10.4	9.4	8.1	6.2	4.3	2.1	1.3	.8	.4	.1	.0	.0	.0	6859	6859	6859	6859

ELEMENT(IX)	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	>=93 F	TOTAL
28 - REL HUM	485762.	36791320.	70.8	18.665	6859	.0	.0	.0	500.3	289.7	110.3	2.0
15 - DRY BULB	480078.	34159118.	70.0	9.015	6859	79.5	79.5	283.3	43.0	.3	.0	744
16 - WET BULB	433811.	27773979.	63.2	7.007	6859	.0	.0	149.1	7.5	.0	.0	744
17 - DEW PT.	403999.	24306281.	58.9	8.628	6859	.0	.0	5.2	7.5	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUN
PAGE 1

DRY-BULB TEMP. (DEG F)	C	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	TOTAL D.B./ W.B.	DRY BULB	WET BULB	DEW PT.	TOTAL OBS
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0	.0	.0*	6	6	0	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0*	.0*	.0	.0	.0	.0	15	15	0	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	34	34	0	0	0
>= 93	.0	.0	.0	.0	.0	.0*	.0*	.1	.3	.1	.1	.1	.0	.0	.0	.0	.0	49	49	0	0	0
>= 91	.0	.0	.0	.0	.0*	.1	.2	.3	.3	.2	.2	.0*	.0	.0	.0	.0	.0	89	89	0	0	0
>= 89	.0	.0	.0	.0	.1	.5	.7	.5	.3	.1	.1	.1	.0	.0*	.0	.0	.0	159	159	0	0	0
>= 87	.0	.0	.0*	.0*	.3	.8	1.1	.6	.6	.2	.1	.1	.0*	.0	.0	.0	.0	254	254	0	0	0
>= 85	.0	.0	.0*	.1	.7	1.6	1.5	1.0	.4	.2	.1	.1	.0	.0	.0	.0	.0	385	385	0	0	0
>= 83	.0	.0*	.1	.4	1.5	1.5	1.4	.7	.4	.2	.1	.1	.0	.0	.0	.0	.0	426	426	0	0	0
>= 81	.0*	.0*	.5	1.2	1.7	1.3	1.1	.9	.5	.2	.1	.0*	.0	.0	.0	.0	.0	511	511	4	0	0
>= 79	.0	.3	1.4	2.3	1.4	1.4	1.1	.5	.4	.2	.0*	.0*	.0	.0	.0	.0	.0	601	601	43	0	0
>= 77	.1	1.1	2.8	2.1	1.5	.7	.6	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	651	651	139	23	23
>= 75	.2	2.6	3.6	1.8	1.1	.7	.3	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	731	731	83	288	288
>= 73	.4	3.0	3.6	1.5	.8	.4	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	687	687	712	712	712
>= 71	.7	2.7	3.1	1.0	.6	.4	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	583	583	1031	627	627
>= 69	1.1	2.1	2.6	1.0	.6	.2	.1	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	510	510	976	976	976
>= 67	.6	1.7	1.6	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	327	327	1035	1035	1035
>= 65	.3	1.4	1.3	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	251	251	925	925	925
>= 63	.3	.8	.6	.4	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	730	730	730
>= 61	.2	.6	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	106	106	544	544	544
>= 59	.1	.4	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	66	66	432	432	432
>= 57	.0*	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	274	274	274
>= 55	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	180	180	180
>= 53	.0*	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	31	31	31
>= 51	.0	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	57	57	57
>= 49	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	47	47	47
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	28	28	28
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	63	63	63
>= 43	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	2	2
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	52	52	52
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	19	19	19
>= 37	.0	.0	.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	0	0	0
TOTAL	4.0	17.1	22.6	13.7	10.8	9.9	8.7	5.8	3.9	1.9	1.0	.5	.1	.0	.0	.0	.0*	6666	6666	6666	6666	6666

ELEMENT(X)	REL HUM	SUM X	SUM X**2	MEAN STD DEV	# OBS	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	491117.	38001879.	73.7	16.520	6666	.0	.0	.0	496.6	240.0	11.2	720
15 - DRY BULB	508427.	39166419.	76.3	7.628	6666	80.1	80.1	537.9	247.3	11.3	.0	720
16 - WET BULB	464734.	32603308.	69.7	5.524	6666	.0	.0	407.4	110.5	1.0	.0	720
17 - DEW PT.	442488.	29656546.	66.4	6.531	6666	.0	.0	.0	.0	.0	.0	.0

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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 W.B.	TOTAL OBS DRY BULB	DEM PT.
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	19	19	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	54	54	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	76	76	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	178	178	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	340	340	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	442	442	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	533	533	12
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	554	554	17
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	573	573	15
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	770	770	68
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	835	835	317
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	880	880	820
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	745	745	1501
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	460	460	1500
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	241	241	1046
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	113	113	377
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	50	176
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	116
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	55
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	33
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	12
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	46
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	22
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	10
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	5
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	3
TOTAL	3.8	20.4	23.9	14.0	10.5	10.0	7.7	5.2	2.6	1.2	.6	.2	.0	.0	.0	.0	.0	6921	6921	6024

ELEMENT(X)	SUM X	SUM X**2	MEAN STD DEV	# OBS	40 - MEAN NO. OF HOURS WITH TEMP.	TOTAL
28 - REL HUM	530607.	42197605.	76.7 14.811	6921	<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F	744
15 - DRY BULB	549924.	43969624.	79.4 6.506	6924		744
16 - WET BULB	508290.	37445568.	73.4 4.092	6921		744
17 - DEW PT.	490097.	34839137.	70.8 4.636	6924		744

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : AUG
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 D.B./ W.B.	DRY BULB	WET BULB	DEW PT.	TOTAL OBS
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	2	2	0	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	7	7	0	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0*	.1	.2	.1	.0*	.0	.0	.0	.0	.0	.0	31	31	0	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.2	.4	.1	.1	.0	.0	.0	.0	.0	.0	90	90	0	0	0
>= 91	.0	.0	.0	.0	.0*	.2	.7	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	155	155	0	0	0
>= 89	.0	.0	.0	.0*	.3	1.0	1.1	.9	.4	.1	.0*	.0	.0	.0	.0	.0	.0	264	264	0	0	0
>= 87	.0	.0*	.0*	.3	.9	2.1	1.5	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	392	392	0	0	0
>= 85	.0	.0	.1	.8	2.3	2.3	1.3	.5	.2	.2	.0*	.0	.0	.0	.0	.0	.0	526	526	1	0	0
>= 83	.0	.0*	.4	1.5	2.2	1.4	.7	.5	.2	.1	.0	.0*	.0	.0	.0	.0	.0	490	490	24	3	3
>= 81	.0*	.4	1.5	2.6	1.7	.9	.4	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	558	558	113	13	13
>= 79	.2	1.3	3.6	2.6	1.5	.8	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	725	725	455	102	102
>= 77	.2	3.7	4.4	1.9	.9	.4	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	818	818	894	334	334
>= 75	.8	5.9	3.9	1.3	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	891	891	1341	872	872
>= 73	1.2	5.2	3.2	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	761	761	1354	1453	1453
>= 71	.9	3.6	2.0	.6	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	509	509	1005	1254	1254
>= 69	.3	1.9	1.5	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	299	299	685	954	954
>= 67	.3	.9	.7	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	151	151	444	648	648
>= 65	.1	.6	.6	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	94	94	241	437	437
>= 63	.2	.4	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	62	62	143	291	291
>= 61	.1	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	27	27	96	200	200
>= 59	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11	11	43	159	159
>= 57	.0	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	11	72	72
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	16	36	36
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	17	17
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11	11
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9	9
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6	6
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1	1
TOTAL	4.1	24.3	22.3	13.6	11.4	9.7	6.7	4.3	2.4	1.0	.2	.0*	.0	.0	.0	.0	.0	6870	6875	6870	6872	6872

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	535741.	43212057.	78.0	14.446	6870
15 - DRY BULB	540633.	42819245.	78.6	6.663	6875
16 - WET BULB	501995.	36817035.	73.1	4.449	6870
17 - DEW PT.	484994.	34393670.	70.6	4.901	6872

40 - MEAN NO. OF HOURS WITH TEMP.								TOTAL			
<=0 F		<=32 F		>=67 F		>=73 F		>=80 F		>=93 F	
.0	.0	.0	.0	.0	722.2	618.1	311.0	14.1	.0	744	744
81.7	81.7	81.7	81.7	81.7	684.0	452.9	35.6	.0	.0	744	744
.0	.0	.0	.0	.0	609.9	300.7	5.3	.0	.0	744	744

3 - PSYCHROMETRIC SUMMARY

Q93727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : SEP
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		
																		Q.B./ W.B.	DRY BULB	TOTAL OBS NET DEW BULB PT.
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	21	21	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	46	46	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	86	86	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	188	188	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	312	312	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	386	386	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	416	416	15
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	453	453	91
>= 77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	556	556	345
>= 75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	671	671	619
>= 73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	689	689	619
>= 71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	643	643	916
>= 69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	551	551	852
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	442	442	700
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	346	346	586
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	246	246	450
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	191	191	467
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	127	127	313
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	90	90	195
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	81	81	129
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	29	29	91
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	46
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	27
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	14
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	8
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	5
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0
>= 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	0
TOTAL	5.4	22.1	23.9	14.2	10.5	9.4	6.9	4.3	2.2	1.0	.2	.0*	.0	.0	.0	.0	.0	6611	6618	6612

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	
28 - REL HUM	507721.	40537737.	76.8	15.289	6611				
15 - DRY BULB	489452.	36626786.	74.0	8.043	6618				720
16 - WET BULB	452433.	31226277.	68.4	6.313	6611				720
17 - DEW PT.	433323.	28725563.	65.5	7.037	6612				720

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : OCT
PAGE 1

DRY-BULB TEMP. (DEG F)		3 FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.		TOTAL OBS DRY BULB		WET BULB		OBS 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	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3

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	>=93 F		
28 - REL HUM	508416.	39678164.	73.8	17.715	6890							744
15 - DRY BULB	443978.	29365104.	64.4	10.476	6890							744
16 - WET BULB	406390.	24556602.	59.0	9.226	6890							744
17 - DEW PT.	378473.	21574583.	54.9	10.673	6890							744
						.0	1.0	348.4	172.2	42.1	.3	
						81.0	83.3	173.9	36.2	.0	.0	
						.0	17.8	105.5	13.3	.0	.0	

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : NOV PAGE : 1

[illegible]

3 - PSYCHROMETRIC SUMMARY

Q93727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : NOV
PAGE 2

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	W.B.	BULB	PT.	TOTAL OBS
TOTAL	6.3	23.3	24.9	15.0	10.5	7.8	6.0	3.1	2.0	.8	.2	.0*	.0	.0	.0	.0	.0*	6691	6695	6691	6690	6691

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	475797.	36286795.	71.1	19.130	6690
15 - DRY BULB	372039.	21614401.	55.6	11.852	6695
16 - WET BULB	337218.	17773372.	50.4	10.784	6691
17 - DEW PT.	302579.	14807363.	45.2	12.952	6690

40 - MEAN NO. OF HOURS WITH TEMP.			
<=0 F	<=32 F	>=67 F	>=73 F
.0	19.0	144.3	49.3
66.0	102.7	44.4	2.3
.0	136.7	20.6	.2

>=80 F			
>=93 F	TOTAL	WET	DEW
.0	7.0	.0	720
.0	.0	.0	720
.0	.0	.0	720

3 - PSYCHROMETRIC SUMMARY

091727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC
PAGE 1

DRY-BULB 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		TOTAL D.B./ 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 55	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.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	.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	.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	.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	.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	.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	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= 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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
>= -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	.0	.0	.0	.0	.0	.0	.0							

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC

PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC
PAGE 2

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 D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	DEW PT.
>=19	.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	1
TOTAL	8.4	28.1	25.1	16.1	10.1	6.5	3.0	1.7	.7	.1	.1	.0	.0	.0	.0	.0	.0	6905	6917	6905	6907

ELEMENT(X) SUM X SUM X**2 MEAN STD DEV # OBS

28 - REL HUM	492695.	37708527.	71.4	19.230	6905
15 - DRY BULB	330025.	16847747.	47.7	12.620	6917
16 - WET BULB	300176.	14031040.	43.5	11.925	6905
17 - DEW PT.	261564.	11356782.	37.9	14.498	6907

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.0	96.3	55.6	12.5	.6	.0	744
71.4	221.5	13.9	.0	.0	.0	744
2.8	282.5	5.0	.0	.0	.0	744

3 - PSYCHROMETRIC SUMMARY

093127Z NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : ANN
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 BULB	WET BULB	DEW PT.	D.B./ W.B.	DRY BULB
>=101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0
>= 99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	0	0	14	0
>= 97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	41	0	0	41	0
>= 95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	132	132	0	0	132	0
>= 93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	253	253	0	0	253	0
>= 91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	512	512	0	0	512	0
>= 89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	933	933	0	0	933	0
>= 87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1406	1406	0	0	1406	0
>= 85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1994	1994	13	13	1994	13
>= 83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2248	2248	46	46	2248	46
>= 81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2656	2656	302	302	2656	302
>= 79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3424	3424	1124	1124	3424	1124
>= 77	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3927	3927	2590	2590	3927	2590
>= 75	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4579	4579	4284	4284	4579	4284
>= 73	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	4521	4521	5242	5242	4521	5242
>= 71	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4342	4342	5061	5061	4342	5061
>= 69	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3966	3966	4718	4718	3966	4718
>= 67	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3711	3711	4466	4466	3711	4466
>= 65	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3427	3427	4102	4102	3427	4102
>= 63	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3148	3148	3841	3841	3148	3841
>= 61	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3041	3041	3639	3639	3041	3639
>= 59	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	2919	2919	3475	3475	2919	3475
>= 57	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2677	2677	3150	3150	2677	3150
>= 55	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2613	2613	3040	3040	2613	3040
>= 53	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2426	2426	2684	2684	2426	2684
>= 51	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2406	2406	2697	2697	2406	2697
>= 49	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2369	2369	2801	2801	2369	2801
>= 47	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2221	2221	2696	2696	2221	2696
>= 45	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2197	2197	2589	2589	2197	2589
>= 43	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1945	1945	2561	2561	1945	2561
>= 41	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1872	1872	2400	2400	1872	2400
>= 39	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1675	1675	2318	2318	1675	2318
>= 37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1409	1409	2014	2014	1409	2014
>= 35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1302	1302	1817	1817	1302	1817
>= 33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1130	1130	1580	1580	1130	1580
>= 31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1050	1050	1503	1503	1050	1503
>= 29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	770	770	1227	1227	770	1227
>= 27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	580	580	930	930	580	930
>= 25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	402	402	749	749	402	749
>= 23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	268	268	480	480	268	480
>= 21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209	209	328	328	209	328
>= 19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141	141	223	223	141	223
>= 17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	149	149	66	149
>= 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	39	82	82	39	82
>= 13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	18	40	40	18	40
>= 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	19	19	14	19
>= 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	14	14	5	14
>= 7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	1	2
>= 5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4	4	1	4

3 - PSYCHROMETRIC SUMMARY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : ANN
PAGE 2

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
																		W.B.	DRY	WET	DEW
																		BULB	BULB	BULB	PT.
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -7	.0	.0	.0	.0	.0	.0	.0	.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	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
>= -17	.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
>= -21	.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
>= -25	.0	.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	.0
>= -29	.0	.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	.0
TOTAL	5.6	22.3	23.1	14.6	10.6	8.6	6.4	4.2	2.5	1.3	.5	.2	.1	.0*	.0	.0*	.0*	81003	81047	81003	81013

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	5812101.	445498609.	71.8	18.745	81001
15 - DRY BULB	5088458.	340695194.	62.8	16.182	81047
16 - WET BULB	4630724.	282685964.	57.2	14.890	81003
17 - DEW PT.	4251799.	247142307.	52.5	17.210	81013

<=0 F <=32 F >=67 F >=73 F >=80 F >=93 F TOTAL

912.5	386.7	4180.5	2880.7	1281.8	47.7	8760
14.2	1534.6	3011.4	1470.9	87.9	.0	8760
	1375.0	2327.1	831.0	11.8	.0	8760

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986 MONTH : JAN
PAGE 1

TEMP. (DEG F)	NNW %	NNE %	ENE %	ESE %	WIND DIRECTION SSE %	SSW %	WSW %	NNW %	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	.0	.0	.0	.0	18.8	37.5	43.8	.0	.0	16	.2
>= 72	.0	1.7	1.7	.0	15.3	35.6	44.1	1.7	.0	59	.9
>= 67	2.5	.5	1.0	4.9	36.5	30.5	21.7	2.0	.5	203	3.0
>= 62	2.3	.5	3.3	8.0	26.5	32.1	17.7	4.6	4.9	389	5.7
>= 57	5.3	3.4	4.9	7.1	15.0	24.1	22.5	7.7	10.1	494	7.2
>= 52	12.8	8.9	10.0	4.9	5.2	13.7	20.3	10.8	13.3	649	9.5
>= 47	15.2	14.0	10.7	4.4	4.1	7.0	16.0	12.6	16.1	884	13.0
>= 42	22.1	15.1	7.5	2.8	2.5	7.1	13.4	14.4	15.1	1095	16.1
>= 37	26.1	14.8	5.4	2.5	1.5	6.1	12.6	16.2	14.9	973	14.3
>= 32	26.4	17.4	4.6	1.0	.9	3.9	12.6	14.0	19.2	927	13.6
>= 27	29.4	10.2	2.1	.3	.6	3.4	13.1	15.1	25.6	616	9.0
>= 22	35.1	6.3	.6	.0	.6	7.0	13.9	13.9	22.5	316	4.6
>= 17	27.5	5.4	.0	.0	1.3	2.7	26.8	16.8	19.5	149	2.2
>= 12	40.0	.0	.0	.0	.0	.0	26.7	26.7	6.7	30	.4
>= 7	9.1	.0	.0	.0	.0	9.1	45.5	36.4	.0	11	.2
>= 2	.0	.0	.0	.0	.0	.0	.0	100.0	.0	2	.0*
>= -3	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
TOTALS	19.7	11.2	5.8	3.1	5.7	10.3	16.1	12.7	15.4	6814	100.0

NOTES : * = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : FEB
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION		WSW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 82	.0	.0	.0	.0	16.7	35.3	83.3	.0	.0	6	.1
>= 77	.0	.0	.0	.0	17.6	35.3	41.2	5.9	.0	17	.3
>= 72	1.2	1.2	3.7	1.2	30.5	28.0	32.9	1.2	.0	82	1.3
>= 67	2.1	.8	4.5	8.2	26.7	28.0	23.0	6.2	.4	243	3.9
>= 62	4.4	1.3	4.4	7.0	30.6	24.1	19.8	5.3	3.2	474	7.6
>= 57	7.5	3.3	7.2	11.1	20.0	20.5	16.6	7.7	6.2	601	9.7
>= 52	10.3	10.0	9.8	7.7	13.1	12.5	18.6	9.4	8.7	727	11.7
>= 47	18.0	11.7	10.8	4.9	6.8	10.1	17.2	11.2	9.3	795	12.8
>= 42	25.1	14.5	10.1	3.0	4.4	6.1	12.7	12.3	11.8	930	15.0
>= 37	22.6	20.9	8.1	2.0	1.3	3.6	12.1	15.0	14.5	862	13.9
>= 32	26.5	19.2	6.2	1.6	.6	3.9	13.2	12.4	16.6	699	11.2
>= 27	22.0	14.5	2.1	1.3	.6	5.2	13.6	14.5	26.2	477	7.7
>= 22	21.2	8.9	1.0	.0	.5	3.9	13.3	18.7	32.5	203	3.3
>= 17	17.4	1.2	.0	.0	1.2	5.8	15.1	19.8	39.5	86	1.4
>= 12	7.1	.0	.0	.0	.0	.0	35.7	14.3	42.9	14	.2
TOTALS	17.2	11.8	7.3	4.5	9.2	10.6	15.8	11.3	12.4	6216	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAR
PAGE 1

TEMP. (DEG F)	NNW & N	MNE & NE	ENE & E	ESE & SE	WIND DIRECTION SSE & S SSW & SW	WSW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 87	.0	.0	.0	.0	33.3	.0	33.3	.0	3	.0*
>= 82	.0	2.7	2.7	5.4	13.5	45.9	5.4	2.7	37	.5
>= 77	1.7	.8	.8	6.6	20.7	34.7	4.1	.8	121	1.8
>= 72	3.4	1.1	1.9	7.8	26.1	21.3	6.0	1.1	268	3.9
>= 67	3.4	3.4	3.6	10.5	25.3	16.2	5.9	2.2	505	7.3
>= 62	5.0	3.3	6.0	12.3	25.5	13.0	7.2	3.4	899	13.1
>= 57	9.3	7.1	9.6	10.4	15.8	14.6	8.1	8.5	1053	15.3
>= 52	12.0	11.6	11.3	10.1	8.6	13.4	11.5	9.8	1085	15.8
>= 47	16.1	14.7	13.3	5.7	4.2	12.7	12.5	12.3	991	14.4
>= 42	23.0	16.4	9.5	2.7	2.8	10.9	11.9	16.1	818	11.9
>= 37	22.1	13.9	8.6	.6	1.9	15.0	12.9	19.7	534	7.8
>= 32	25.8	7.4	4.9	.5	1.4	15.9	11.8	26.0	365	5.3
>= 27	25.0	15.8	3.9	.7	.7	20.4	10.5	21.1	152	2.2
>= 22	37.0	14.8	.0	.0	.0	7.4	3.7	37.0	27	.4
>= 17	55.6	.0	.0	.0	.0	11.1	33.3	.0	9	.1
>= 12	.0	.0	.0	.0	40.0	.0	20.0	40.0	5	.1
TOTALS	13.3	9.6	8.5	7.3	11.6	14.6	9.9	10.8	6872	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : APR
PAGE 1

TEMP. (DEG F)	NNW %	NNE %	ENE %	ESE %	WIND DIRECTION		WSW %	NNW %	CALM	TOTAL FREQ.	% OF TOTAL
					SSE %	SSW %					
>= 92	.0	.0	14.3	.0	.0	14.3	42.9	28.6	.0	7	.1
>= 87	10.9	.0	3.6	3.6	14.5	10.9	41.8	14.5	.0	55	.8
>= 82	7.7	1.9	3.2	9.6	16.0	16.7	35.9	8.3	.6	156	2.3
>= 77	5.2	.5	2.6	11.0	24.8	26.9	19.9	8.4	.7	427	6.4
>= 72	4.7	2.4	6.1	11.0	28.9	25.2	15.6	5.2	1.0	707	10.6
>= 67	6.1	3.8	5.4	10.2	26.4	25.9	15.1	4.9	2.1	1077	16.1
>= 62	7.4	4.6	7.9	10.6	17.4	18.2	17.3	8.6	7.9	1284	19.2
>= 57	11.1	9.2	12.5	7.6	11.9	13.4	15.1	9.1	10.0	1116	16.7
>= 52	17.2	15.3	11.2	3.6	7.6	9.8	13.0	7.8	14.5	752	11.3
>= 47	18.1	14.1	7.2	2.1	2.5	11.6	14.8	11.3	18.2	559	8.4
>= 42	22.0	11.4	4.6	.3	1.4	8.1	14.9	13.6	23.8	369	5.5
>= 37	14.2	7.1	2.4	.0	1.6	11.0	19.7	11.0	33.1	127	1.9
>= 32	17.9	3.6	.0	.0	.0	10.7	28.6	7.1	32.1	28	.4
>= 27	40.0	.0	.0	.0	.0	.0	.0	.0	60.0	5	.1
>= 22	50.0	.0	.0	.0	.0	.0	50.0	.0	.0	2	.0*
TOTALS	10.4	7.1	7.6	7.7	15.9	17.6	16.5	8.2	9.0	6671	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAY
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		9.7	3.2		.0		.0		6.5		9.7		45.2		19.4		6.5		31		.5	
>= 87		6.0	4.0		3.3		6.6		21.2		19.9		23.8		15.2		.0		151		2.2	
>= 82		6.1	2.6		3.8		9.9		32.6		20.0		17.0		6.7		1.4		506		7.4	
>= 77		6.0	4.1		8.2		15.2		28.9		17.1		14.2		4.5		1.8		935		13.6	
>= 72		6.3	6.1		9.7		12.1		27.5		18.9		11.9		3.6		3.9		1420		20.7	
>= 67		8.9	8.9		9.6		8.7		16.9		19.7		13.3		4.1		9.9		1568		22.9	
>= 62		10.8	15.2		12.3		5.0		8.0		12.9		13.6		6.2		16.0		1036		15.1	
>= 57		18.2	21.1		9.7		1.8		2.6		9.7		12.4		7.0		17.6		660		9.6	
>= 52		19.7	19.4		8.7		1.8		1.0		4.9		11.0		7.2		26.3		391		5.7	
>= 47		20.3	19.5		3.3		1.6		.0		7.3		17.9		6.5		23.6		123		1.8	
>= 42		11.4	17.1		2.9		.0		.0		8.6		11.4		8.6		40.0		35		.5	
>= 37		.0	.0		.0		.0		.0		50.0		50.0		.0		.0		2		.0*	
TOTALS		9.7	10.0		9.0		8.5		17.9		16.1		13.7		5.4		9.7		6858		100.0	

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUN
PAGE : 1

TEMP. (DEG F)	NNW %	NNE %	ENE %	ESE %	WIND DIRECTION SSE %	SSW %	WSW %	NNW %	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	14.3	.0	4.8	.0	4.8	4.8	57.1	14.3	.0	21	.3
>= 92	4.1	1.7	.8	5.0	11.6	17.4	50.4	8.3	.8	121	1.8
>= 87	5.0	2.2	5.8	11.4	26.1	18.3	22.0	6.9	2.4	464	7.0
>= 82	4.2	4.8	8.8	15.1	29.2	18.4	12.6	4.3	2.5	1068	16.0
>= 77	5.6	5.7	10.2	13.6	26.1	21.3	10.5	2.9	4.2	1504	22.6
>= 72	5.7	9.5	11.9	6.7	14.9	21.5	13.8	3.2	13.0	1742	26.1
>= 67	12.4	17.3	12.5	3.3	5.1	11.7	10.5	3.8	23.4	1095	16.4
>= 62	22.8	23.1	6.0	.9	1.5	7.1	7.3	4.3	26.9	464	7.0
>= 57	26.8	19.6	3.6	.7	.7	3.6	8.7	5.8	30.4	138	2.1
>= 52	18.6	20.9	.0	.0	.0	4.7	11.6	9.3	34.9	43	.6
>= 47	50.0	.0	.0	.0	.0	.0	.0	.0	50.0	2	.0*
>= 42	.0	.0	.0	.0	.0	.0	.0	.0	100.0	1	.0*
TOTALS	8.2	9.7	9.8	8.7	17.5	17.5	13.1	4.0	11.5	6663	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & E	ENE & E	ESE & S	WIND DIRECTION SSE & S	SSW & SW	WSW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	11.5	.0	3.8	.0	.0	19.2	38.5	23.1	3.8	26	.4
>= 92	7.7	1.4	2.9	4.8	19.7	15.4	35.6	7.2	5.3	208	3.0
>= 87	4.6	2.2	4.3	9.2	27.8	21.8	22.6	4.6	2.9	882	12.7
>= 82	4.1	4.1	8.3	9.6	26.7	23.6	15.4	4.3	3.8	1379	19.9
>= 77	4.7	6.2	7.4	6.4	19.2	24.4	16.4	3.3	12.0	1887	27.3
>= 72	6.8	8.9	7.5	2.7	9.5	18.9	18.7	3.3	23.8	1903	27.5
>= 67	15.7	16.8	5.8	1.1	3.2	8.6	10.8	2.8	35.1	535	7.7
>= 62	23.3	16.7	10.0	.0	2.2	3.3	5.6	.0	38.9	90	1.3
>= 57	27.3	.0	.0	9.1	.0	.0	.0	9.1	54.5	11	.2
TOTALS	6.4	6.8	7.0	5.8	17.6	20.6	17.7	3.8	14.4	6921	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : AUG
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION		WSW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	.0	.0	11.1	11.1	.0	.0	66.7	11.1	.0	9	.1
>= 92	5.6	2.0	2.0	4.6	19.3	21.8	34.0	7.6	3.0	197	2.9
>= 87	4.8	4.9	6.8	10.6	28.7	16.3	19.5	5.0	3.3	734	10.7
>= 82	5.5	8.6	11.6	12.1	24.1	18.0	10.6	4.6	4.9	1295	18.9
>= 77	5.3	9.2	9.2	8.6	17.1	22.3	14.0	1.8	12.5	1818	26.5
>= 72	10.0	12.3	8.9	2.6	6.2	11.7	14.1	3.2	30.9	1947	28.4
>= 67	20.5	25.0	6.8	.5	1.5	3.8	8.4	3.0	30.7	665	9.7
>= 62	33.7	25.7	2.3	.0	.6	1.1	3.4	2.9	30.3	175	2.5
>= 57	44.0	32.0	.0	.0	.0	4.0	.0	.0	20.0	25	.4
TOTALS	8.9	11.3	8.7	6.6	14.6	15.4	13.8	3.4	17.3	6865	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : SEP
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	4.3	2.2	2.2	10.9	8.7	19.6	41.3	6.5	4.3	46	.7
>= 87	5.0	7.6	8.9	11.6	24.8	14.2	17.5	7.0	3.3	302	4.6
>= 82	8.1	10.9	13.1	18.0	22.4	9.1	9.8	4.0	4.6	916	13.8
>= 77	7.4	17.5	17.3	12.1	14.9	12.1	7.1	3.7	8.0	1205	18.2
>= 72	10.9	19.0	13.8	4.9	7.3	10.6	10.1	3.5	20.2	1709	25.8
>= 67	20.4	27.1	10.1	1.5	1.9	4.0	6.7	3.9	24.5	1291	19.5
>= 62	32.2	28.7	6.2	.3	.7	2.7	4.5	3.1	21.7	711	10.7
>= 57	33.4	24.8	1.7	.7	.3	3.1	7.2	6.2	22.4	290	4.4
>= 52	38.5	13.1	2.5	.0	.0	3.3	3.3	8.2	31.1	122	1.8
>= 47	25.0	15.0	.0	.0	.0	.0	10.0	5.0	45.0	20	.3
>= 42	.0	.0	.0	.0	.0	.0	.0	.0	100.0	2	.0*
TOTALS	15.2	19.7	11.7	6.9	9.3	8.2	8.5	4.0	16.3	6614	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : OCT
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	>= 87	>= 82	>= 77	>= 72	>= 67	>= 62	>= 57	>= 52	>= 47	>= 42	>= 37	>= 32	>= 27	>= 22	TOTALS	
>= 92	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	.1
>= 87	.0	.0	3.7	7.4	13.4	18.5	20.0	20.0	33.3	33.3	29.6	60.0	3.7	.0	.0	27	.4
>= 82	5.0	5.6	10.0	16.0	15.9	26.3	13.4	3.7	15.6	12.9	17.9	9.0	7.3	2.2	3.1	179	2.6
>= 77	6.7	10.0	10.0	16.0	15.9	22.4	12.9	12.9	12.9	12.9	9.6	9.6	6.2	7.3	7.3	580	8.4
>= 72	10.8	13.1	13.1	15.1	12.3	13.1	12.3	12.3	6.1	6.1	8.1	8.1	6.9	13.9	13.9	1053	15.3
>= 67	17.2	21.6	21.6	14.5	12.3	6.4	5.2	5.2	5.8	5.8	7.7	7.7	5.8	16.4	16.4	1377	20.0
>= 62	20.5	27.5	27.5	11.2	2.5	2.5	2.5	2.5	4.9	4.9	8.5	8.5	7.0	22.8	22.8	1193	17.3
>= 57	24.3	22.6	22.6	8.4	.4	1.2	.4	.4	4.2	4.2	10.5	10.5	7.0	26.8	26.8	948	13.8
>= 52	28.2	16.9	16.9	4.7	.2	.9	.2	.2	3.6	3.6	10.5	10.5	7.7	30.6	30.6	664	9.6
>= 47	29.8	13.9	13.9	2.2	.2	.2	.2	.2	4.4	4.4	14.0	14.0	8.9	36.4	36.4	447	6.5
>= 42	26.8	7.5	7.5	3.1	.0	.9	.0	.0	6.6	6.6	18.2	18.2	7.0	40.1	40.1	228	3.3
>= 37	24.8	5.8	5.8	.0	.0	.0	.0	.0	7.9	7.9	10.5	10.5	4.4	42.1	42.1	137	2.0
>= 32	26.3	2.6	2.6	2.6	.0	2.6	.0	.0	.0	.0	.0	.0	5.3	75.0	75.0	38	.6
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.0	.0	.0	4	.1
>= 22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	100.0	100.0	.0	.0	.0	1	.0*
TOTALS	18.9	18.1	18.1	10.6	5.2	6.7	5.2	5.2	7.4	7.4	9.6	9.6	6.5	17.1	17.1	6881	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : NOV
PAGE 1

TEMP. (DEG F)	NNW & N	NNE & NE	ENE & E	ESE & SE	WIND DIRECTION SSE & S SSW & SW		WSW & W	NNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 87	.0	.0	.0	.0	.0	50.0	.0	50.0	.0	2	.0*
>= 82	4.2	.0	16.7	8.3	12.5	20.8	29.2	4.2	4.2	24	.4
>= 77	3.6	1.4	8.7	18.1	23.9	19.6	18.1	4.3	2.2	138	2.1
>= 72	4.3	3.5	9.2	12.3	22.0	21.7	16.8	5.9	4.3	423	6.3
>= 67	6.1	7.2	10.5	10.2	18.5	20.1	13.0	6.0	8.5	755	11.3
>= 62	11.8	10.8	11.4	8.0	11.1	12.1	13.8	7.9	13.0	933	13.9
>= 57	16.7	16.3	9.0	5.5	3.4	7.8	14.6	9.9	16.8	964	14.4
>= 52	21.2	14.5	9.5	2.5	2.3	6.2	13.1	10.4	20.4	975	14.6
>= 47	22.0	16.1	6.2	.8	.9	5.6	13.5	13.1	21.8	890	13.3
>= 42	26.7	12.2	4.1	.7	.7	4.4	15.3	11.3	24.6	688	10.3
>= 37	26.0	8.9	1.4	.2	.2	5.1	16.6	7.5	34.1	493	7.4
>= 32	23.6	3.6	.7	.0	.0	4.4	22.2	10.2	35.3	275	4.1
>= 27	14.4	4.8	.0	.0	1.0	12.5	23.1	7.7	36.5	104	1.6
>= 22	7.1	3.6	.0	.0	.0	10.7	25.0	21.4	32.1	28	.4
>= 17	100.0	.0	.0	.0	.0	.0	.0	.0	.0	1	.0*
TOTALS	17.0	11.3	7.6	4.8	6.6	9.8	14.9	9.3	18.6	6693	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC
PAGE 1

TEMP. (DEG F)	MNW & N	MNE & NE	ENE & E	ESE & SE	WIND DIRECTION SSE & S		WSW & W	MNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	.0	.0	7.4	.0	11.1	40.7	37.0	3.7	.0	27	.4
>= 72	2.1	.0	2.9	2.9	23.6	39.3	24.3	2.9	2.1	140	2.0
>= 67	2.3	.6	2.9	6.0	23.1	34.9	22.3	2.9	5.1	350	5.1
>= 62	4.7	1.9	4.9	10.1	25.3	25.3	16.8	4.4	6.5	572	8.3
>= 57	8.8	6.0	7.9	8.2	10.7	15.4	17.8	9.6	15.6	684	9.9
>= 52	13.0	12.6	8.2	3.9	4.4	12.7	17.4	10.0	17.8	918	13.3
>= 47	17.6	16.6	7.8	2.3	1.8	8.3	14.9	11.5	19.2	990	14.3
>= 42	23.7	16.6	7.9	1.1	1.7	5.7	14.3	11.7	17.2	979	14.2
>= 37	26.5	15.3	5.2	2.1	1.2	5.5	12.9	12.5	18.7	822	11.9
>= 32	24.4	12.4	2.8	.6	.6	6.2	12.1	14.7	26.2	679	9.8
>= 27	23.0	9.0	.2	.0	.9	5.4	14.0	14.8	32.7	465	6.7
>= 22	22.6	5.5	1.4	.9	.0	4.6	8.3	19.4	37.3	217	3.1
>= 17	29.1	3.6	.0	.0	.0	3.6	20.0	23.6	20.0	55	.8
>= 12	.0	.0	.0	.0	.0	28.6	21.4	42.9	7.1	14	.2
>= 7	.0	.0	.0	.0	.0	.0	33.3	66.7	.0	3	.0*
TOTALS	17.0	11.0	5.7	3.4	6.2	11.9	15.5	11.0	18.3	6915	100.0

NOTES :
* = PERCENT < .05

4 - PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VERSUS
WIND DIRECTION
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : ANN
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	0.7	.0	5.4	1.8	10.7	50.0	17.9	1.8	56	.1	
>= 92	6.0	1.8	2.1	5.0	17.9	39.2	8.3	3.6	615	.8	
>= 87	4.9	3.6	5.8	9.9	18.6	21.5	6.3	2.7	2620	3.2	
>= 82	5.4	6.2	9.3	12.7	18.1	14.0	4.7	3.6	5566	6.9	
>= 77	5.6	7.9	10.0	10.8	20.4	13.5	3.4	7.6	8675	10.7	
>= 72	7.6	10.1	10.0	6.6	17.4	14.3	3.8	15.6	11453	14.1	
>= 67	11.8	14.0	9.0	5.8	15.3	12.0	4.6	14.8	9664	11.9	
>= 62	13.1	13.0	8.2	6.5	14.7	12.6	6.1	12.8	8220	10.2	
>= 57	14.5	12.5	8.6	6.1	12.5	14.2	8.2	14.4	6984	8.6	
>= 52	16.8	13.3	9.2	4.6	9.7	14.5	9.6	16.8	6326	7.8	
>= 47	18.8	14.7	8.8	3.1	7.8	14.5	11.7	17.5	5701	7.0	
>= 42	23.8	14.5	7.5	1.9	6.2	13.4	12.3	18.1	5145	6.4	
>= 37	24.4	14.8	5.6	1.6	5.4	13.8	13.1	20.1	3950	4.9	
>= 32	25.6	13.9	4.2	.9	4.8	14.0	13.0	22.9	3011	3.7	
>= 27	24.6	11.1	1.6	.5	4.8	14.6	14.0	28.0	1823	2.3	
>= 22	27.2	6.9	.9	.3	5.4	12.6	16.5	29.8	794	1.0	
>= 17	26.0	3.7	.0	.0	3.7	21.7	19.3	24.7	300	.4	
>= 12	20.6	.0	.0	.0	9.5	25.4	27.0	17.5	63	.1	
>= 7	7.1	.0	.0	.0	7.1	42.9	42.9	.0	14	.0*	
>= 2	.0	.0	.0	.0	.0	.0	100.0	.0	2	.0*	
>= -3	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*	
TOTALS	13.5	11.5	8.3	6.0	13.3	14.2	7.4	14.2	80983	100.0	

NOTES :
* = PERCENT < .05

11 - SKY COVER

093727 NEW RIVER, NC
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)			TOTAL
		CLEAR	SCATTERED	BROKEN OVERCAST	
JAN	01	35.3	14.6	14.2	35.9
	04	35.7	14.7	14.4	35.2
	07	21.7	22.2	18.5	37.6
	10	21.9	18.1	21.7	38.4
	13	19.8	19.6	23.2	37.4
	16	19.1	21.4	22.5	37.0
	19	26.0	21.5	16.6	35.9
	22	32.5	20.4	12.0	35.1
	ALL	25.7	19.3	18.3	36.7
					6828
FEB	01	35.2	16.9	13.1	34.8
	04	34.6	15.8	12.8	36.8
	07	21.7	22.5	16.9	38.9
	10	23.2	18.7	21.8	36.3
	13	19.4	18.2	25.6	36.8
	16	16.2	23.1	23.3	37.3
	19	20.4	24.7	19.3	35.6
	22	30.9	19.0	13.0	37.1
	ALL	24.4	20.1	18.7	36.7
					650
MAR	01	38.4	17.4	13.0	31.1
	04	36.5	16.1	14.6	32.8
	07	22.2	17.9	22.0	38.0
	10	21.9	21.3	19.0	37.7
	13	15.8	25.5	23.7	35.1
	16	14.9	25.0	24.9	35.3
	19	17.7	25.0	23.6	33.7
	22	33.0	23.4	13.1	30.5
	ALL	23.9	21.7	19.8	34.6
					713
APR	01	41.6	19.9	14.8	23.8
	04	41.2	18.3	14.7	25.8
	07	25.7	22.1	21.4	30.7
	10	23.8	23.7	25.9	26.6
	13	15.7	26.1	30.4	27.8
	16	14.0	26.1	30.7	29.2
	19	19.3	26.9	25.0	28.9
	22	36.1	23.3	14.7	25.9
	ALL	25.9	23.6	22.9	27.5
					690

713
 713
 951
 951
 950
 949
 932
 715
 6874

650
 650
 862
 859
 861
 857
 838
 653
 6230

690
 694
 921
 920
 922
 922
 908
 695
 6672

11 - SKY COVER

093727 NEW RIVER, NC
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
MAY	01	28.7	25.9	19.0	26.4	721
	04	24.3	26.5	20.9	28.3	724
	07	16.4	24.7	26.2	32.8	948
	10	15.5	23.4	29.7	31.3	948
	13	7.1	26.1	37.0	29.9	948
	16	6.5	26.8	38.1	28.6	948
	19	7.7	28.0	34.2	30.0	892
	22	22.9	28.2	20.3	28.6	730
	ALL	15.3	26.1	28.9	29.7	6859
JUN	01	26.1	31.1	20.7	22.0	694
	04	20.2	32.6	23.2	24.0	697
	07	11.5	29.6	31.1	27.8	923
	10	10.7	24.5	38.6	26.2	923
	13	2.2	23.3	47.2	27.3	921
	16	2.4	25.9	43.2	28.5	923
	19	7.5	25.3	36.1	31.0	880
	22	16.6	33.3	29.1	21.0	705
	ALL	11.3	27.8	34.6	26.3	6666
JUL	01	20.2	31.8	25.7	22.2	742
	04	19.9	31.3	28.5	20.3	744
	07	9.2	29.1	35.3	26.3	945
	10	6.3	23.9	43.1	26.8	942
	13	1.1	18.7	53.4	26.8	943
	16	2.0	23.4	48.4	26.2	944
	19	4.3	23.9	41.1	30.7	907
	22	12.4	32.0	29.9	25.8	757
	ALL	8.8	26.4	39.0	25.9	6924
AUG	01	20.6	35.8	23.9	19.7	715
	04	20.1	34.5	24.9	20.5	722
	07	8.9	32.9	31.6	26.5	953
	10	8.1	27.4	40.5	23.9	952
	13	1.6	23.4	48.7	26.3	952
	16	2.1	26.9	44.4	26.7	953
	19	4.7	31.8	36.4	27.1	910
	22	15.0	34.1	28.1	22.9	722
	ALL	9.3	30.4	35.7	24.5	6879

11 - SKY COVER

093727 NEW RIVER, NC
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
SEP	01	31.6	27.8	19.5	21.2	694
	04	27.0	28.6	22.4	22.0	696
	07	11.6	27.5	31.5	29.4	913
	10	13.5	26.8	36.6	23.1	913
	13	4.6	23.4	48.6	23.4	911
	16	4.4	29.9	41.6	24.1	911
	19	8.9	36.0	30.0	25.0	883
	22	26.9	30.1	20.8	22.2	698
	ALL	14.9	28.7	32.4	24.0	6619
OCT	01	40.5	23.1	15.4	20.9	713
	04	36.0	22.3	18.7	23.0	713
	07	23.0	25.4	23.8	27.7	952
	10	27.0	21.6	25.8	25.7	951
	13	18.1	24.3	32.1	25.5	952
	16	15.9	29.0	32.4	22.8	952
	19	26.3	30.0	22.0	21.7	938
	22	36.9	25.9	17.0	20.3	719
	ALL	27.0	25.3	24.0	23.7	6890
NOV	01	44.1	18.4	13.1	24.3	716
	04	41.4	19.7	13.9	25.0	717
	07	22.9	24.7	26.9	25.5	912
	10	26.4	23.2	24.7	25.7	912
	13	21.8	23.9	29.4	24.9	912
	16	19.6	28.6	25.1	26.7	913
	19	30.4	27.7	18.5	23.4	894
	22	37.8	22.9	15.3	23.9	719
	ALL	29.6	23.9	21.4	25.0	6695
DEC	01	38.2	19.6	13.3	28.9	744
	04	38.1	19.9	10.9	31.1	745
	07	19.7	25.2	23.8	31.3	944
	10	19.7	23.7	25.8	30.8	942
	13	18.6	23.1	26.1	32.0	938
	16	17.9	23.9	26.8	31.4	937
	19	27.1	26.1	17.9	28.9	923
	22	34.3	20.7	14.5	30.5	744
	ALL	25.9	23.0	20.5	30.6	6917

11 - SKY COVER

093727 NEW RIVER, NC
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS)				TOTAL
		CLEAR	SCATTERED	BROKEN	OVERCAST	
ANN	01	33.3	23.6	17.2	25.9	8505
	04	31.2	23.4	18.4	27.0	8529
	07	17.8	25.3	25.8	31.0	11165
	10	18.1	23.1	29.5	29.4	11154
	13	12.1	23.0	35.5	29.4	11150
	16	11.2	25.8	33.5	29.4	11150
	19	16.8	27.2	26.7	29.3	10827
	22	27.9	26.2	19.1	26.9	8573
	ALL	20.1	24.7	26.4	28.7	81053

12 - RELATIVE HUMIDITY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	99.9	99.9	97.2	92.0	82.6	68.7	46.9	23.2	76.7	712
04	100.0	100.0	99.7	98.2	92.2	84.6	72.5	49.4	24.9	78.1	714
07	100.0	100.0	99.8	99.1	96.1	87.9	75.5	51.1	27.1	79.5	939
10	100.0	100.0	99.1	93.6	81.8	66.3	47.6	29.1	13.9	68.8	941
13	100.0	99.3	91.9	75.4	58.2	42.1	28.9	19.4	8.5	57.9	940
16	100.0	99.0	89.6	73.6	59.1	43.3	31.1	18.6	9.4	57.9	941
19	100.0	99.8	98.6	94.9	83.8	70.6	53.1	34.2	14.1	70.4	921
22	100.0	99.9	98.9	96.4	90.1	79.4	64.4	42.0	21.0	75.0	714
ALL	100.0	99.7	97.0	90.4	80.7	68.3	53.9	35.4	17.2	69.9	6822
FEB											
01	100.0	100.0	100.0	98.5	93.5	84.3	66.9	41.3	16.5	75.8	649
04	100.0	100.0	100.0	98.5	94.9	87.7	70.0	42.8	19.9	77.3	649
07	100.0	100.0	99.8	99.0	95.5	87.0	73.9	49.0	23.9	78.6	861
10	100.0	99.8	98.6	91.3	75.7	55.3	37.4	22.9	10.9	64.8	859
13	99.9	99.1	88.9	69.2	49.5	34.7	22.9	14.4	7.0	54.2	861
16	100.0	98.8	87.8	69.5	52.7	35.9	24.5	14.1	6.6	54.6	858
19	100.0	99.9	97.8	92.2	80.1	63.6	43.3	25.4	9.8	66.8	836
22	100.0	100.0	99.7	97.5	91.2	78.0	59.4	32.3	11.4	72.6	650
ALL	100.0	99.7	96.2	88.6	77.7	64.1	48.2	29.4	13.0	67.4	6223
MAR											
01	100.0	100.0	99.2	96.9	91.7	83.3	69.6	44.0	20.5	76.2	713
04	100.0	100.0	99.9	98.6	95.4	85.4	73.2	51.5	25.8	78.9	713
07	100.0	100.0	99.9	99.1	95.8	88.6	76.6	55.6	28.5	80.3	951
10	100.0	99.8	95.0	81.3	63.8	46.9	32.7	20.5	9.1	60.5	951
13	100.0	97.5	80.6	61.7	43.6	31.5	21.5	14.1	6.1	51.4	950
16	100.0	97.0	83.4	64.3	48.2	34.0	22.9	14.2	7.0	52.5	949
19	100.0	99.6	96.6	87.3	76.0	60.2	39.9	22.7	10.2	64.9	932
22	100.0	99.9	99.0	96.1	89.9	80.0	61.8	35.5	15.1	73.3	715
ALL	100.0	99.1	93.6	84.5	73.8	61.8	47.9	31.2	14.8	66.3	6874
APR											
01	100.0	100.0	99.7	97.5	94.3	88.7	76.1	50.4	19.6	78.3	690
04	100.0	100.0	99.9	99.4	96.3	90.5	82.6	57.6	25.6	81.0	694
07	100.0	100.0	99.9	99.0	95.9	89.4	76.1	52.8	20.5	79.2	921
10	100.0	99.5	94.3	78.5	57.5	35.1	19.2	10.3	3.4	55.2	920
13	100.0	96.9	81.7	57.6	38.5	23.6	12.0	7.2	1.5	47.3	922
16	100.0	96.0	83.4	66.6	45.6	25.9	14.9	7.6	3.0	49.7	922
19	100.0	99.2	95.7	87.5	76.0	58.2	38.0	17.3	4.7	63.1	907
22	100.0	99.9	99.3	96.4	91.9	82.4	63.0	37.3	10.2	73.7	694
ALL	100.0	98.8	93.7	84.0	72.5	59.1	45.1	28.2	10.3	64.7	6670

12 - RELATIVE HUMIDITY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH HOURS (LST)	10%	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	99.9	99.4	96.5	89.2	71.0	27.7	84.0	721
	04	100.0	100.0	100.0	99.9	99.2	93.8	78.0	34.7	86.5	724
	07	100.0	100.0	100.0	99.3	96.8	85.4	64.1	24.2	82.8	948
	10	100.0	99.9	98.6	90.9	49.5	26.4	13.6	3.5	61.2	948
	13	100.0	99.4	92.8	77.7	57.2	31.4	17.8	8.8	54.4	948
	16	100.0	99.4	94.2	82.3	64.1	39.6	20.1	11.6	57.1	948
	19	100.0	100.0	98.9	87.1	74.6	50.3	24.2	7.0	69.3	892
	22	100.0	100.0	100.0	99.2	93.4	80.4	56.2	17.9	80.2	730
	ALL	100.0	99.8	97.9	92.7	83.7	70.3	55.1	38.4	14.3	70.8
JUN	01	100.0	100.0	100.0	99.4	98.3	93.5	77.1	28.4	85.5	694
	04	100.0	100.0	100.0	99.7	99.3	96.7	86.1	40.7	88.1	697
	07	100.0	100.0	100.0	99.5	98.6	90.9	70.5	26.0	84.0	923
	10	100.0	99.8	97.5	87.5	60.3	32.4	14.1	4.8	65.0	923
	13	100.0	100.0	98.5	89.9	68.0	40.8	19.7	10.1	58.7	921
	16	100.0	99.9	98.6	91.9	77.5	52.8	28.8	13.8	62.2	923
	19	100.0	100.0	99.8	98.4	93.8	81.4	57.0	29.2	72.3	880
	22	100.0	100.0	99.9	99.4	97.3	88.2	58.7	19.0	81.8	705
	ALL	100.0	100.0	99.5	96.9	89.7	76.6	60.5	42.1	15.9	73.7
JUL	01	100.0	100.0	100.0	100.0	99.9	96.1	84.1	38.0	87.3	742
	04	100.0	100.0	100.0	100.0	99.9	98.1	90.3	46.1	89.2	744
	07	100.0	100.0	100.0	100.0	99.7	96.4	79.8	29.5	86.2	945
	10	100.0	100.0	99.5	94.9	75.4	39.6	13.3	4.2	68.3	942
	13	100.0	100.0	99.7	95.8	82.0	24.0	11.9	5.4	62.5	943
	16	100.0	99.8	96.7	86.9	64.1	35.1	17.8	6.7	66.2	944
	19	100.0	100.0	99.9	98.0	89.5	69.8	36.3	10.7	75.9	906
	22	100.0	100.0	100.0	100.0	99.2	93.0	69.7	26.1	84.2	755
	ALL	100.0	100.0	99.9	98.9	83.8	66.7	47.8	19.5	76.7	6921
AUG	01	100.0	100.0	100.0	100.0	99.9	97.5	86.3	41.5	88.3	714
	04	100.0	100.0	100.0	100.0	99.7	98.9	91.1	50.1	90.1	722
	07	100.0	100.0	100.0	100.0	99.8	98.6	87.4	44.4	88.7	953
	10	100.0	100.0	99.8	98.0	84.4	46.1	17.1	5.2	70.6	951
	13	100.0	100.0	98.2	83.3	52.9	25.9	13.2	4.7	63.3	951
	16	100.0	100.0	98.6	88.3	66.2	36.6	17.1	6.5	66.9	952
	19	100.0	100.0	100.0	99.3	95.0	75.9	40.2	11.8	77.9	907
	22	100.0	100.0	100.0	100.0	99.4	95.3	74.3	28.6	85.1	720
	ALL	100.0	100.0	99.5	95.7	85.9	69.2	50.3	22.6	78.0	6870

12 - RELATIVE HUMIDITY

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	99.9	99.3	97.0	80.6	35.3	87.2	692
	04	100.0	100.0	100.0	100.0	100.0	99.9	97.1	87.6	43.3	88.7	695
	07	100.0	100.0	100.0	100.0	100.0	99.8	98.0	87.0	44.6	88.9	913
	10	100.0	100.0	100.0	99.8	95.1	79.5	43.9	17.9	3.8	69.6	913
	13	100.0	100.0	99.9	96.4	77.8	47.9	21.7	10.0	3.6	61.2	911
	16	100.0	100.0	99.6	95.1	81.4	57.4	29.2	12.5	4.9	63.7	910
	19	100.0	100.0	100.0	99.9	99.3	94.3	80.3	42.1	12.0	78.2	882
	22	100.0	100.0	100.0	100.0	99.4	98.8	91.9	68.9	23.9	83.9	695
	ALL	100.0	100.0	99.9	98.8	93.5	83.1	67.4	48.1	20.2	76.8	6611
OCT	01	100.0	100.0	100.0	100.0	99.6	97.2	90.0	67.9	29.2	84.3	713
	04	100.0	100.0	100.0	99.9	99.4	97.3	90.2	70.5	33.4	85.2	713
	07	100.0	100.0	100.0	100.0	99.8	97.8	92.3	78.3	40.0	86.9	952
	10	100.0	100.0	99.8	96.4	84.5	65.9	42.9	22.0	6.1	67.3	951
	13	100.0	100.0	95.7	81.9	59.7	39.4	22.8	10.4	4.1	56.9	952
	16	100.0	99.9	95.9	85.3	65.5	43.6	24.8	12.0	4.1	58.8	952
	19	100.0	100.0	100.0	99.6	97.7	90.6	71.3	43.6	10.7	76.9	938
	22	100.0	100.0	100.0	100.0	99.0	95.7	84.3	58.7	20.2	81.5	719
	ALL	100.0	100.0	98.8	94.9	87.0	76.5	62.4	43.3	17.5	73.8	6890
NOV	01	100.0	100.0	99.7	97.6	95.5	89.8	79.3	57.0	23.6	80.2	716
	04	100.0	100.0	99.9	98.6	96.5	92.2	82.8	59.1	28.0	81.7	717
	07	100.0	100.0	100.0	99.0	97.0	93.5	84.4	63.7	33.5	83.0	911
	10	100.0	99.9	98.9	94.0	80.4	62.7	42.5	21.9	6.8	66.4	910
	13	100.0	99.2	90.7	73.7	52.9	34.5	20.2	10.3	3.3	54.2	910
	16	100.0	98.8	92.1	78.3	59.6	42.7	26.3	13.7	4.1	57.1	913
	19	100.0	100.0	99.2	97.8	93.2	82.2	63.6	38.1	11.2	74.1	894
	22	100.0	100.0	99.3	97.9	95.8	88.5	74.3	49.2	18.4	78.1	719
	ALL	100.0	99.7	97.3	91.6	82.8	71.8	57.5	37.7	15.5	71.1	6690
DEC	01	100.0	100.0	100.0	98.5	95.4	87.1	76.0	52.7	25.6	79.6	742
	04	100.0	100.0	99.7	99.1	96.4	89.4	76.7	53.8	27.7	80.4	744
	07	100.0	100.0	100.0	99.2	96.8	91.2	78.6	57.3	30.8	81.2	942
	10	100.0	100.0	98.7	95.3	84.1	67.0	47.7	28.6	11.5	69.0	941
	13	100.0	99.3	91.9	75.3	58.0	40.1	25.8	14.8	7.3	56.9	937
	16	99.9	99.3	92.0	77.5	60.8	43.9	28.8	15.5	6.9	58.1	936
	19	100.0	99.7	99.2	96.1	89.5	77.3	59.0	36.9	15.1	73.0	922
	22	100.0	100.0	99.6	98.1	93.8	86.0	69.5	48.4	22.4	77.5	741
	ALL	100.0	99.8	97.5	91.9	83.4	71.5	56.4	37.4	17.8	71.4	6905

12 - RELATIVE HUMIDITY

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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											
01	100.0	100.0	99.9	98.8	96.8	92.3	83.4	63.5	27.5	82.0	8498
04	100.0	100.0	99.9	99.4	97.6	93.8	86.2	68.4	33.5	83.8	8526
07	100.0	100.0	99.9	99.5	98.0	94.2	85.6	66.5	31.1	83.3	11159
10	100.0	99.9	98.6	93.2	81.6	62.4	38.2	19.3	6.9	65.6	11150
13	100.0	99.2	92.7	79.5	60.8	39.4	22.0	12.0	4.9	56.6	11146
16	100.0	99.0	93.1	81.7	65.9	45.9	27.0	14.1	5.7	58.8	11148
19	100.0	99.8	98.8	95.8	89.5	78.2	58.5	32.6	10.5	71.9	10817
22	100.0	100.0	99.6	98.5	95.9	90.0	77.3	52.8	19.6	79.0	8557
ALL	100.0	99.7	97.6	92.8	84.7	72.8	57.6	39.2	16.6	71.8	81001

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZE 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.
JAN	01	.0	11.1	.5	.8	.2	12.4	26.4	5.8	.2	.0	31.8	660
	04	.2	12.2	.3	.9	.2	13.5	30.2	6.2	.3	.0	35.7	666
	07	.1	11.7	.6	.1	.3	12.5	29.7	10.7	.1	.0	39.2	895
	10	.1	12.2	.4	1.0	.3	13.7	18.4	19.0	.0	.0	36.2	901
	13	.4	11.4	.1	.8	.1	12.1	12.8	14.6	.0	.0	26.9	895
	16	.2	10.9	.1	.5	.4	11.9	12.0	13.3	.0	.0	24.8	894
	19	.1	12.1	.1	.5	.3	12.9	14.9	11.8	.0	.0	26.3	871
	22	.2	10.3	.5	.6	.3	11.5	21.8	9.7	.0	.0	30.4	661
	ALL	.2	11.5	.3	.7	.3	12.6	20.2	11.8	.1	.0	31.3	6443
FEB	01	.6	10.5	.2	.6	.2	11.3	19.8	8.1	.2	.2	27.6	630
	04	.6	9.4	.3	.5	.2	10.2	24.2	9.7	.2	.3	33.4	628
	07	.0	8.8	.5	.5	.0	9.9	28.5	13.9	.1	.2	40.9	841
	10	.1	10.7	.4	.8	.1	11.7	15.0	22.4	.2	.2	36.6	841
	13	.2	10.4	.0	.5	.1	11.0	9.7	14.2	.1	.2	23.6	839
	16	.4	9.1	.1	.6	.2	9.9	8.0	12.1	.1	.1	20.1	837
	19	.2	8.7	.0	.4	.1	9.1	12.1	13.1	.1	.1	24.7	817
	22	.2	9.0	.0	.3	.3	9.5	16.0	9.5	.2	.2	25.2	631
	ALL	.3	9.6	.2	.5	.1	10.3	16.3	13.3	.1	.2	29.1	6064
MAR	01	.3	9.4	.0	.3	.2	9.8	19.5	8.5	.2	.3	27.8	662
	04	.2	9.6	.0	.3	.2	9.9	27.1	6.8	.0	.3	32.8	664
	07	.2	10.2	.0	.2	.1	10.4	30.9	14.8	.0	.1	42.8	914
	10	.3	9.1	.0	.3	.1	9.5	12.1	19.7	.0	.1	31.3	910
	13	.4	10.1	.0	.6	.2	10.7	8.3	13.2	.0	.1	21.3	901
	16	.3	8.7	.2	.8	.1	9.6	8.5	11.6	.1	.2	19.8	897
	19	.3	8.5	.1	.3	.3	9.2	10.9	14.5	.1	.2	25.2	882
	22	.3	6.9	.0	.6	.2	7.7	15.1	10.1	.2	.0	24.9	662
	ALL	.3	9.1	.0	.4	.2	9.6	16.1	12.8	.1	.2	28.3	6492
APR	01	1.2	6.3	.0	.0	.0	6.3	17.0	11.7	.0	.0	28.2	666
	04	.9	6.9	.0	.0	.0	6.9	26.7	10.3	.0	.0	35.7	670
	07	.2	5.3	.0	.0	.0	5.3	25.7	18.2	.0	.0	41.2	907
	10	.3	5.1	.0	.0	.0	5.1	5.1	17.8	.0	.0	22.8	901
	13	.7	4.7	.0	.0	.0	4.7	3.5	12.5	.0	.2	15.7	897
	16	.9	5.6	.0	.0	.0	5.6	3.0	11.6	.0	.3	14.9	895
	19	1.4	6.2	.0	.0	.2	6.2	4.4	16.3	.0	.5	20.9	882
	22	.6	4.9	.0	.0	.0	4.9	9.4	14.8	.0	.1	24.0	667
	ALL	.8	5.6	.0	.0	.0	5.6	11.3	14.4	.0	.2	25.0	6485

13 - WEATHER CONDITIONS

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW E/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST & OBS. E/OR SAND VISION	TOTAL NO. OF OBS.
MAY	01	.7	7.3	.0	.0	.0	7.3	24.9	17.4	.0	.1	695
	04	.8	6.4	.0	.0	.0	6.4	41.2	15.0	.0	.0	706
	07	1.2	7.2	.0	.0	.0	7.2	31.6	24.8	.0	.0	936
	10	.9	5.4	.0	.0	.0	5.4	5.8	23.5	.0	.0	924
	13	1.7	6.9	.0	.0	.0	6.9	3.1	17.1	.0	.0	923
	16	3.0	8.1	.0	.0	.0	8.1	2.5	17.2	.0	.1	922
	19	2.9	8.1	.0	.0	.0	8.1	5.0	19.9	.0	.1	865
	22	1.7	8.2	.0	.0	.0	8.2	13.5	19.7	.0	.0	704
	ALL	1.7	7.2	.0	.0	.0	7.2	15.0	19.5	.0	.0	6675
JUN	01	1.5	6.1	.0	.0	.0	6.1	31.3	21.3	.0	.0	671
	04	1.3	4.6	.0	.0	.0	4.6	51.2	17.9	.0	.0	676
	07	.6	6.3	.0	.0	.0	6.3	33.6	30.6	.0	.0	909
	10	.9	6.6	.0	.0	.0	6.6	6.0	32.6	.0	.0	910
	13	2.9	8.0	.0	.0	.0	8.0	3.3	25.7	.0	.0	903
	16	5.5	8.1	.0	.0	.0	8.1	4.0	24.9	.0	.0	903
	19	3.7	7.3	.0	.0	.0	7.3	5.5	27.1	.0	.0	859
	22	1.6	6.0	.0	.0	.0	6.0	14.6	27.8	.0	.0	683
	ALL	2.3	6.7	.0	.0	.0	6.7	17.3	26.4	.0	.0	6514
JUL	01	2.9	5.4	.0	.0	.0	5.4	26.7	26.7	.0	.0	722
	04	1.9	4.7	.0	.0	.0	4.7	47.1	24.1	.0	.0	729
	07	.5	4.4	.0	.0	.0	4.4	34.0	31.3	.0	.0	936
	10	1.7	6.2	.0	.0	.0	6.2	4.4	38.9	.0	.0	932
	13	5.3	8.8	.0	.0	.0	8.8	3.2	32.5	.0	.0	927
	16	10.3	9.9	.0	.0	.0	9.9	3.4	28.4	.0	.0	928
	19	6.1	8.7	.0	.0	.0	8.7	5.7	31.0	.0	.0	887
	22	2.8	6.9	.0	.0	.0	6.9	13.7	31.6	.0	.0	738
	ALL	4.1	7.0	.0	.0	.0	7.0	16.3	30.9	.0	.0	6799
AUG	01	1.9	5.1	.0	.0	.0	5.1	35.5	28.0	.0	.0	692
	04	1.4	4.1	.0	.0	.0	4.1	53.6	24.0	.0	.0	699
	07	.7	5.8	.0	.0	.0	5.8	45.2	29.3	.0	.0	938
	10	1.4	7.2	.0	.0	.0	7.1	6.6	37.7	.0	.0	938
	13	4.8	9.4	.0	.0	.0	9.4	3.0	34.4	.0	.0	939
	16	6.7	10.1	.0	.0	.0	10.1	3.7	30.9	.0	.0	937
	19	3.7	7.6	.0	.0	.0	7.6	6.2	33.2	.0	.0	891
	22	1.6	5.3	.0	.0	.0	5.3	19.3	32.3	.0	.0	700
	ALL	2.9	7.0	.0	.0	.0	7.0	20.2	31.6	.0	.0	6734

13 - WEATHER CONDITIONS

D03727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZE 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.
SEP	01	.7	5.5	.0	.0	.0	5.5	35.9	23.1	.0	.0	53.7	671
	04	1.2	6.4	.0	.0	.0	6.4	53.2	18.4	.0	.0	64.9	675
	07	.4	6.7	.0	.0	.0	6.6	50.1	26.0	.0	.0	68.0	905
	10	.7	5.5	.0	.0	.0	5.5	7.8	38.9	.0	.0	45.6	897
	13	1.2	7.4	.0	.0	.0	7.4	2.8	30.8	.0	.0	33.5	890
	16	2.6	8.6	.0	.0	.0	8.6	3.0	26.6	.0	.0	29.6	892
	19	2.1	7.8	.0	.0	.0	7.8	5.9	30.2	.0	.0	35.8	861
	22	1.2	6.7	.0	.0	.0	6.5	19.0	28.1	.0	.0	43.4	675
	ALL	1.3	6.9	.0	.0	.0	6.9	20.9	28.2	.0	.0	46.2	6466
OCT	01	.3	6.3	.0	.0	.0	6.3	30.4	14.7	.0	.0	43.2	672
	04	.3	7.5	.0	.0	.0	7.5	44.7	13.7	.0	.0	55.3	680
	07	.2	7.5	.0	.0	.0	7.5	47.0	18.0	.0	.1	61.0	935
	10	.0	5.9	.0	.0	.0	5.9	9.6	29.1	.0	.0	37.7	916
	13	.1	7.6	.0	.0	.0	7.6	4.1	19.6	.0	.0	23.7	908
	16	.4	6.8	.0	.0	.0	6.8	3.2	16.7	.0	.0	19.8	903
	19	.1	6.3	.0	.0	.0	6.3	5.8	18.8	.0	.0	24.3	890
	22	.4	5.7	.0	.0	.0	5.7	16.1	18.8	.0	.0	33.6	672
	ALL	.2	6.7	.0	.0	.0	6.7	19.2	19.0	.0	.0	36.8	6576
NOV	01	.1	6.2	.0	.0	.0	6.2	26.3	9.2	.0	.0	34.3	673
	04	.4	6.2	.0	.0	.0	6.2	34.3	8.9	.0	.0	42.0	676
	07	.2	7.5	.0	.0	.0	7.4	39.6	17.0	.0	.0	52.9	883
	10	.0	6.2	.0	.0	.0	6.2	12.1	25.8	.0	.0	37.2	876
	13	.2	7.7	.0	.1	.0	7.7	5.4	14.2	.0	.0	19.4	867
	16	.1	6.3	.0	.0	.0	6.3	5.6	11.5	.0	.0	16.8	862
	19	.2	6.9	.0	.1	.0	7.0	10.0	11.0	.0	.0	20.5	844
	22	.3	7.3	.0	.0	.0	7.3	14.8	9.2	.0	.1	22.8	671
	ALL	.2	6.8	.0	.0	.0	6.8	18.0	13.8	.0	.0	30.7	6352
DEC	01	.3	7.9	.0	.1	.0	8.0	25.8	7.4	.1	.0	32.5	698
	04	.0	9.1	.0	.1	.0	9.2	27.6	7.8	.1	.0	34.6	706
	07	.0	10.1	.1	.2	.0	10.4	29.9	10.1	.0	.0	38.5	905
	10	.1	8.9	.1	.1	.2	9.2	15.9	21.6	.0	.0	36.2	906
	13	.1	9.4	.0	.3	.0	9.8	9.0	13.5	.0	.0	22.2	889
	16	.0	7.7	.0	.3	.1	9.1	7.9	10.9	.0	.0	18.7	888
	19	.0	8.9	.0	.2	.0	9.1	12.5	9.8	.0	.0	21.8	870
	22	.1	8.3	.0	.1	.0	8.5	19.1	9.3	.0	.0	27.4	696
	ALL	.1	8.8	.0	.2	.3	9.1	18.0	11.6	.0	.0	28.8	6558

13 - WEATHER CONDITIONS

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	TSTM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW E/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS. W/OBS. VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	11.5	.3	.7	.3	12.6	20.2	11.8	.1	.0	31.3	6443
FEB	ALL	.3	9.6	.2	.5	.1	10.3	16.3	13.3	.1	.2	29.1	6064
MAR	ALL	.3	9.1	.0*	.4	.2	9.6	16.1	12.8	.1	.2	28.3	6492
APR	ALL	.8	5.6	.0	.0	.0*	5.6	11.3	14.4	.0	.2	25.0	6485
MAY	ALL	1.7	7.2	.0	.0	.0	7.2	15.0	19.5	.0	.0*	33.2	6675
JUN	ALL	2.3	6.7	.0	.0	.0	6.7	17.3	26.4	.0	.0	41.7	6514
JUL	ALL	4.1	7.0	.0	.0	.0	7.0	16.3	30.9	.0	.0	44.9	6799
AUG	ALL	2.9	7.0	.0	.0	.0	7.0	20.2	31.6	.0	.0	48.2	6734
SEP	ALL	1.3	6.9	.0	.0	.0	6.9	20.9	28.2	.0	.0	46.2	6466
OCT	ALL	.2	6.7	.0	.0	.0	6.7	19.2	19.0	.0	.0*	36.8	6576
NOV	ALL	.2	6.8	.0	.0*	.0	6.8	18.0	13.8	.0	.0*	30.7	6352
DEC	ALL	.1	8.8	.0*	.2	.0*	9.1	18.0	11.6	.0*	.0	28.8	6558
TOTALS	ALL	1.2	7.7	.0*	.2	.1	7.9	17.4	19.6	.0*	.0*	35.5	78158

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JAN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN	SLEET " SHOWERS ICE	SNOW " GRAINS " PELLET	HAIL SMALL MAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	10.6	.6	1.9	1.2	1.1	1.5	.0	.1	15.6	6.4	14.1	.1	.0	56.1
NNE	19.0	1.1	2.2	1.1	.4	.9	.0	.0	19.2	6.3	14.3	.0	.0	50.2
NE	23.7	1.3	1.3	.6	1.6	1.3	.0	.3	18.3	5.7	13.6	.0	.0	49.2
ENE	11.9	.5	3.1	.0	.5	.0	.0	.5	10.4	7.3	13.5	.0	.0	61.1
E	11.0	1.5	1.5	.0	.0	.0	.0	.0	17.0	5.5	12.5	.0	.0	55.5
ESE	11.0	2.8	1.8	.0	.0	.0	.0	.0	11.0	7.3	9.2	.0	.0	63.3
SE	18.3	1.0	.0	.0	.0	.0	.0	.0	8.7	5.8	19.2	.0	.0	57.7
SSE	11.8	2.5	.0	.0	.0	.0	.0	.0	16.8	4.2	11.8	.0	.0	56.3
S	11.0	5.1	.7	.0	.0	.0	.0	.0	12.1	6.6	12.1	.0	.0	59.2
SSW	6.3	2.2	.4	.0	.0	.0	.0	.7	8.1	4.8	9.6	.0	.0	65.4
SW	5.5	1.2	.2	.0	.0	.0	.0	.0	8.3	4.2	10.2	.0	.0	65.6
WSW	3.6	.4	.8	.0	.0	.0	.0	.2	9.2	3.4	8.4	.0	.0	69.0
W	4.1	1.0	1.1	.0	.0	1.0	.0	.2	10.2	5.5	8.6	.0	.0	65.3
WNW	4.1	1.4	2.3	.0	.0	.2	.0	.0	10.9	2.7	8.8	.0	.0	69.9
NW	4.3	.2	2.6	.5	.2	1.7	.0	.5	11.1	6.4	9.0	.5	.0	66.6
NNW	5.4	.2	2.4	.0	.0	1.6	.0	.2	12.0	4.4	9.4	.2	.0	66.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	4.6	1.0	1.0	.1	.0	.0	.0	.1	13.6	12.7	11.6	.0	.0	58.1
TOTALS	564	76	99	20	18	43	0	11	866	437	762	4	0	4163
% TOTAL	8.3	1.1	1.5	.3	.3	.6	.0	.2	12.7	6.4	11.2	.1	.0	61.1

TOTAL NUMBER OF OBSERVATIONS : 6815

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : FEB

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	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	9.1	.8	3.0	.2	.3	1.5	.0	.0	13.9	4.4	15.7	.6	.0	59.2
NNE	12.3	.2	1.4	1.2	1.0	2.7	.0	.0	9.4	6.5	15.9	1.0	.0	56.9
NE	21.8	.9	.6	1.3	.3	.3	.0	.3	13.2	6.3	11.0	.0	.0	56.2
ENE	13.5	.5	.5	.0	.5	.9	.0	.5	13.1	8.6	16.2	.0	.0	58.6
E	11.2	.9	.4	.0	.4	.0	.0	.0	14.7	4.7	17.7	.4	.0	57.8
ESE	7.6	2.3	.8	.0	.0	.0	.0	.8	9.8	4.5	17.4	.0	.0	64.4
SE	11.6	2.1	1.4	.0	.0	.0	.0	.0	15.8	6.2	13.0	.0	.0	58.9
SSE	10.7	5.6	.6	.0	.0	.6	.0	.0	16.3	5.1	15.2	.0	.0	57.3
S	9.2	5.4	.5	.0	.0	.0	.0	.8	13.8	7.9	15.3	.0	.3	58.6
SSW	2.8	5.6	.0	.0	.0	.0	.0	1.7	4.5	6.3	13.6	.0	1.0	66.1
SW	3.5	3.0	.3	.0	.0	.0	.0	.3	5.1	5.6	11.0	.0	.8	70.7
WSW	1.9	1.1	.2	.0	.0	.2	.0	.0	4.3	5.4	12.2	.0	1.1	72.1
W	3.3	.8	.0	.0	.0	.2	.0	.4	7.6	4.2	11.2	.0	.0	75.7
WNW	4.1	.3	.3	.0	.0	.6	.0	.3	6.6	2.9	8.8	.0	.0	75.0
NW	2.8	.3	.8	.0	.0	.6	.0	.3	8.8	3.0	9.4	.0	.0	77.6
NNW	4.4	1.0	2.5	.2	.0	.5	.0	.2	8.8	5.2	11.5	.0	.0	70.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.2	.3	.4	.0	.0	.0	.0	.0	12.4	10.2	11.1	.0	.0	64.5
TOTALS	432	93	55	11	9	33	0	17	622	368	803	9	12	4072
% TOTAL	6.9	1.5	.9	.2	.1	.5	.0	.3	10.0	5.9	12.9	.1	.2	65.5

TOTAL NUMBER OF OBSERVATIONS : 6217

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAR

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	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	5.5	1.0	2.5	.0	.8	1.0	.0	.2	14.1	5.5	8.6	.2	.2	62.2
NNE	9.9	1.6	2.4	.3	1.1	.8	.0	.3	17.2	8.9	14.2	.0	.0	53.2
NE	19.3	1.4	2.4	.0	.0	1.0	.0	.0	20.3	4.8	11.7	.0	.0	49.3
ENE	16.1	3.2	1.2	.0	.8	2.4	.0	.0	19.7	7.6	16.5	.0	.0	46.6
E	11.7	2.1	.9	.0	.0	.3	.0	.0	12.3	4.2	18.9	.0	.0	53.9
ESE	7.4	2.5	.0	.4	.0	.4	.0	.4	10.2	3.7	18.4	.0	.0	61.5
SE	7.8	3.9	.4	.0	.0	.0	.0	.8	11.8	.4	14.1	.0	.0	65.1
SSE	4.5	5.2	.4	.0	.0	.0	.0	1.1	7.5	2.2	12.7	.0	.0	67.0
S	5.8	4.9	.2	.0	.0	.0	.0	.8	7.5	4.1	13.9	.0	.2	65.7
SSW	4.5	2.9	.4	.0	.0	.0	.0	.2	7.2	4.5	12.4	.0	.0	65.2
SW	3.4	1.8	.0	.0	.0	.0	.0	.2	5.5	3.9	11.4	.0	.4	66.5
WSW	3.7	1.7	.0	.0	.0	.0	.0	.2	4.4	3.7	9.8	.0	.2	76.5
W	1.9	.5	.7	.0	.0	.0	.0	.3	4.4	2.5	11.7	.0	.0	76.7
WNW	3.0	1.5	.9	.0	.0	.0	.0	.3	4.2	2.1	6.6	.0	.6	76.6
NW	2.9	.3	1.1	.0	.0	.9	.0	.3	4.3	2.6	8.9	.6	.6	75.7
NNW	2.3	1.0	1.8	.3	.3	1.5	.0	.0	11.6	3.1	10.3	.3	.3	68.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.7	.9	.3	.0	.0	.0	.0	.1	16.2	13.2	11.9	.0	.1	54.9
TOTALS	396	136	60	3	11	28	0	20	703	345	833	4	11	4419
% TOTAL	5.8	2.0	.9	.0*	.2	.4	.0	.3	10.2	5.0	12.1	.1	.2	64.3

TOTAL NUMBER OF OBSERVATIONS : 6872

NOTES : * = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : APR

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL MAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.8	1.4	3.1	.0	.0	.0	.0	.5	10.1	4.6	14.5	.0	.0	64.7
NNE	6.7	5.6	1.5	.0	.0	.0	.4	.7	13.1	7.1	14.6	.0	.0	60.8
NE	4.9	2.5	.0	.0	.0	.0	.0	.0	8.9	7.9	18.7	.0	.0	62.6
ENE	4.5	2.5	1.0	.0	.0	.0	.0	1.0	5.1	9.6	20.2	.0	.0	64.1
E	4.5	1.9	.3	.0	.0	.0	.0	.6	4.5	5.2	21.8	.0	.0	64.9
ESE	3.9	.4	.4	.0	.0	.0	.0	.0	5.2	3.1	16.6	.0	.0	72.9
SE	4.2	1.8	.7	.0	.0	.0	.0	1.4	6.7	2.5	11.3	.0	.0	75.4
SSE	3.2	3.8	.0	.0	.0	.0	.0	1.2	7.6	.6	14.4	.0	.0	73.5
S	2.5	3.1	.3	.0	.0	.0	.0	1.4	5.5	2.1	17.1	.0	.0	69.2
SSW	2.6	3.9	.0	.0	.0	.0	.0	1.8	4.7	4.9	16.2	.0	.2	68.0
SW	.7	1.8	.0	.0	.0	.0	.0	.4	4.5	2.7	11.6	.0	.2	76.3
WSW	1.7	1.3	.2	.0	.0	.0	.0	.2	3.0	3.7	14.1	.0	.2	74.9
W	.7	2.3	.2	.0	.0	.0	.0	.2	4.3	4.6	10.5	.0	.2	75.5
WNW	1.6	1.6	.0	.0	.0	.0	.3	.3	4.6	5.2	8.2	.0	1.6	75.1
NW	2.0	1.2	.0	.0	.0	.0	.0	.4	2.0	2.0	6.1	.0	.4	83.2
NNW	.7	2.5	.4	.0	.0	.0	.0	.7	6.4	3.2	7.5	.0	.0	79.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.7	1.5	.2	.0	.0	.0	.0	.5	11.0	12.8	14.0	.0	.0	60.4
TOTALS	176	156	29	0	0	0	2	48	413	318	931	0	10	4706
% TOTAL	2.6	2.3	.4	.0	.0	.0	.0*	.7	6.2	4.8	14.0	.0	.1	70.5

TOTAL NUMBER OF OBSERVATIONS : 6671

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : MAY

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN FREEZE	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	5.6	4.2	.9	.0	.0	.0	.0	1.4	13.6	8.7	23.5	.0	.0	51.9
NNE	8.0	4.4	3.0	.0	.0	.0	.0	.3	14.6	8.8	24.8	.0	.0	49.9
NE	7.4	2.2	1.5	.0	.0	.0	.0	.0	10.5	6.5	19.4	.0	.0	58.6
ENE	6.2	6.9	.4	.0	.0	.0	.0	2.3	5.8	5.4	24.3	.0	.0	58.3
E	5.0	4.7	.6	.0	.0	.0	.0	1.1	7.5	2.8	20.3	.0	.0	61.7
ESE	2.5	4.5	.0	.0	.0	.0	.0	2.1	4.1	3.7	16.5	.0	.0	68.3
SE	2.1	7.1	.3	.0	.0	.0	.0	1.2	2.4	3.5	15.3	.0	.0	69.4
SSE	1.6	4.1	.0	.0	.0	.0	.0	1.9	4.1	3.0	19.4	.0	.0	67.8
S	2.1	4.1	.1	.0	.0	.0	.0	2.5	4.9	3.9	18.0	.0	.0	67.6
SSW	2.6	3.5	.0	.0	.0	.0	.0	2.2	5.5	4.8	15.7	.0	.0	68.7
SW	1.3	3.3	.0	.0	.0	.0	.0	2.5	6.3	7.3	18.4	.0	.0	64.4
WSW	2.4	2.4	.0	.0	.0	.0	.0	1.9	7.2	7.8	18.2	.0	.0	63.6
W	2.2	2.5	.0	.0	.0	.0	.0	1.2	6.7	9.0	23.2	.0	.2	59.1
WNW	2.1	3.6	.5	.0	.0	.0	.0	2.1	5.2	2.6	21.9	.0	.5	66.1
NW	2.3	1.7	.0	.0	.0	.0	.0	1.7	8.5	2.8	13.0	.0	.6	72.9
NNW	1.7	2.9	1.2	.0	.0	.0	.0	1.2	9.6	5.0	17.5	.0	.0	63.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.5	.9	.0	.0	.0	.0	.0	.8	17.4	15.2	16.8	.0	.0	48.7
TOTALS	207	244	29	0	0	0	0	111	557	447	1304	0	3	4244
% TOTAL	3.0	3.6	.4	.0	.0	.0	.0	1.6	8.1	6.5	19.0	.0	.0*	61.9

TOTAL NUMBER OF OBSERVATIONS : 6658

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUN

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	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	4.2	3.7	1.6	.0	.0	.0	.0	2.9	9.2	12.1	24.0	.0	.0	48.3
NNE	3.5	2.6	1.0	.0	.0	.0	.0	1.0	10.6	10.9	21.2	.0	.0	55.8
NE	3.6	3.9	.9	.0	.0	.0	.0	.9	10.2	9.0	20.4	.0	.0	56.8
ENE	4.5	4.5	.0	.0	.0	.0	.0	1.4	7.3	8.7	25.3	.0	.0	56.1
E	3.8	5.5	.3	.0	.0	.0	.0	3.8	7.4	6.3	26.6	.0	.0	55.1
ESE	2.5	3.3	.0	.0	.0	.0	.0	2.1	2.1	2.1	30.3	.0	.0	59.3
SE	3.2	5.0	.0	.0	.0	.0	.0	3.2	2.6	3.8	24.4	.0	.0	62.6
SSE	2.1	4.7	.0	.0	.0	.0	.0	1.0	3.1	3.6	27.8	.0	.0	59.7
S	1.4	4.5	.1	.0	.0	.0	.0	2.8	5.4	2.8	26.5	.0	.0	60.5
SSW	.8	4.9	.3	.0	.0	.0	.0	2.3	8.0	7.5	26.4	.0	.0	53.8
SW	1.3	3.8	.2	.0	.0	.0	.0	2.7	9.4	7.6	27.0	.0	.0	52.0
WSW	.5	3.7	.0	.0	.0	.0	.0	2.1	7.5	10.3	34.0	.0	.0	47.3
W	2.5	4.6	.0	.0	.0	.0	.0	3.4	8.2	11.2	26.8	.0	.0	50.3
WNW	2.7	4.0	.0	.0	.0	.0	.0	2.0	8.0	10.0	24.0	.0	.0	53.3
NW	.9	5.3	.9	.0	.0	.0	.0	2.6	12.3	5.3	23.7	.0	.0	57.0
NNW	4.2	2.4	1.2	.0	.0	.0	.0	2.4	10.1	10.1	25.6	.0	.0	47.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.3	2.5	.0	.0	.0	.0	.0	1.4	16.8	17.8	22.4	.0	.0	41.8
TOTALS	149	268	20	0	0	0	0	151	560	569	1719	0	0	3556
% TOTAL	2.2	4.0	.3	.0	.0	.0	.0	2.3	8.4	8.5	25.8	.0	.0	53.4

TOTAL NUMBER OF OBSERVATIONS : 6663

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	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	4.2	4.2	.3	.0	.0	.0	.0	2.9	14.6	7.5	32.5	.0	.0	42.5
NNE	1.4	4.2	.9	.0	.0	.0	.0	2.3	13.1	11.2	29.0	.0	.0	48.1
NE	2.0	2.0	.0	.0	.0	.0	.0	.8	8.6	7.4	26.6	.0	.0	56.6
ENE	4.1	9.1	.0	.0	.0	.0	.0	3.0	8.1	6.6	33.5	.0	.0	48.2
E	3.5	6.0	.0	.0	.0	.0	.0	4.9	8.1	4.2	27.7	.0	.0	54.4
ESE	1.0	3.6	.0	.0	.0	.0	.0	3.1	2.1	3.6	29.7	.0	.0	57.8
SE	2.4	5.2	.0	.0	.0	.0	.0	1.9	3.8	1.4	28.1	.0	.0	61.4
SSE	2.5	5.3	.0	.0	.0	.0	.0	3.1	3.7	1.6	28.3	.0	.0	57.9
S	.9	6.5	.0	.0	.0	.0	.0	4.4	4.3	1.8	25.5	.0	.0	58.5
SSW	1.0	4.7	.3	.0	.0	.0	.0	6.0	7.9	3.6	30.3	.0	.0	53.3
SW	1.0	5.1	.0	.0	.0	.0	.0	3.8	9.5	5.7	28.2	.0	.0	51.6
WSW	1.3	4.9	.1	.0	.0	.0	.0	4.6	8.3	8.3	33.2	.0	.0	47.5
W	.5	6.7	.2	.0	.0	.0	.0	4.0	9.9	7.8	41.2	.0	.0	38.3
WNW	1.2	7.6	.0	.0	.0	.0	.0	9.3	7.0	7.6	41.3	.0	.0	43.0
NW	.0	6.7	.0	.0	.0	.0	.0	6.7	15.6	5.6	33.3	.0	.0	41.1
NNW	3.0	5.2	.0	.0	.0	.0	.0	7.4	16.3	8.1	34.1	.0	.0	37.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.4	3.7	.1	.0	.0	.0	.0	2.6	14.3	17.0	27.4	.0	.0	41.6
TOTALS	108	358	8	0	0	0	0	276	622	486	2098	0	0	3432
% TOTAL	1.6	5.2	.1	.0	.0	.0	.0	4.0	9.0	7.0	30.3	.0	.0	49.6

TOTAL NUMBER OF OBSERVATIONS : 6921

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : AUG

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	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	4.1	3.2	.9	.0	.0	.0	.0	2.5	14.2	10.1	32.7	.0	.0	37.4
NNE	7.4	3.6	1.1	.0	.0	.0	.0	1.3	13.9	9.2	32.6	.0	.0	40.4
NE	6.3	4.5	.6	.0	.0	.0	.0	.6	9.3	10.5	26.7	.0	.0	48.9
ENE	3.8	5.1	.3	.0	.0	.0	.0	1.0	5.5	8.2	28.3	.0	.0	53.9
E	4.6	5.0	.0	.0	.0	.0	.0	1.3	5.3	6.0	37.4	.0	.0	47.0
ESE	1.9	4.7	.0	.0	.0	.0	.0	3.8	3.8	3.8	35.2	.0	.0	53.1
SE	1.6	4.1	.4	.0	.0	.0	.0	3.3	3.3	2.1	27.2	.0	.0	58.0
SSE	2.5	5.1	.0	.0	.0	.0	.0	3.6	2.9	.7	26.9	.0	.0	61.1
S	1.1	4.3	.0	.0	.0	.0	.0	4.5	3.6	2.6	30.5	.0	.0	56.8
SSW	1.0	3.5	.0	.0	.0	.0	.0	3.1	8.3	2.9	29.4	.0	.0	54.8
SW	.9	4.7	.0	.0	.0	.0	.0	4.3	9.3	8.9	25.0	.0	.0	53.8
WSW	.8	5.1	.0	.0	.0	.0	.0	4.0	12.5	9.3	32.1	.0	.0	46.9
W	.7	5.3	.7	.0	.0	.0	.0	4.0	10.0	13.5	37.5	.0	.0	41.5
WNW	.7	4.4	1.5	.0	.0	.0	.0	3.7	7.4	9.6	34.6	.0	.0	46.3
NW	1.0	7.3	1.0	.0	.0	.0	.0	4.2	9.4	10.4	34.4	.0	.0	40.6
NNW	5.3	4.1	.0	.0	.0	.0	.0	3.5	15.9	10.0	31.8	.0	.0	38.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.7	2.9	.1	.0	.0	.0	.0	1.5	18.9	20.4	30.7	.0	.0	35.9
TOTALS	168	286	20	0	0	0	0	195	708	649	2125	0	0	3232
% TOTAL	2.4	4.2	.3	.0	.0	.0	.0	2.8	10.3	9.4	30.9	.0	.0	47.1

TOTAL NUMBER OF OBSERVATIONS : 6869

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION

VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

091227 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : SEP

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FUG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.8	3.0	1.2	.0	.0	.0	.0	1.0	17.3	8.3	26.5	.0	.0	44.3
NNE	4.5	2.0	.9	.0	.0	.0	.0	1.3	13.3	6.6	27.7	.0	.0	49.6
NE	4.0	2.6	.0	.0	.0	.0	.0	.3	9.9	5.5	26.1	.0	.0	56.0
ENE	2.7	5.9	.3	.0	.0	.0	.0	1.9	6.6	5.1	30.3	.0	.0	54.0
E	2.5	5.3	.3	.0	.0	.0	.0	.8	6.0	5.3	33.4	.0	.0	52.0
ESE	3.0	3.4	.5	.0	.0	.0	.0	1.0	3.4	2.0	33.0	.0	.0	57.1
SE	3.1	4.7	.4	.0	.0	.0	.0	1.2	5.9	2.4	24.7	.0	.0	67.1
SSE	3.4	5.9	.0	.0	.0	.0	.0	2.5	3.4	4.2	24.4	.0	.0	59.7
S	1.6	4.5	.0	.0	.0	.0	.0	2.6	3.4	3.4	25.9	.0	.0	62.0
SSW	1.2	3.5	.0	.0	.0	.0	.0	3.1	6.9	5.4	29.3	.0	.0	51.4
SW	2.4	3.8	.3	.0	.0	.0	.0	2.4	12.2	8.7	25.5	.0	.0	49.0
WSW	1.5	3.0	.0	.0	.0	.0	.0	.7	13.0	8.6	33.8	.0	.0	46.5
W	1.0	3.7	.0	.0	.0	.0	.0	2.0	11.1	8.1	27.0	.0	.0	52.0
WNW	2.5	2.5	.0	.0	.0	.0	.0	.0	9.0	12.3	41.0	.0	.0	39.3
NW	6.9	2.1	1.4	.0	.0	.0	.0	1.4	16.0	9.0	29.2	.0	.0	42.4
NNW	3.5	3.9	2.5	.0	.0	.0	.0	.7	19.6	6.3	28.4	.0	.0	39.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.8	1.2	.0	.0	.0	.0	.0	.6	18.2	21.7	23.7	.0	.0	40.7
TOTALS	202	214	29	0	0	0	0	83	776	578	1824	0	0	3293
% TOTAL	3.1	3.2	.4	.0	.0	.0	.0	1.3	11.7	8.7	27.6	.0	.0	49.8

TOTAL NUMBER OF OBSERVATIONS : 6615

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : OCT

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	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	5.7	2.0	1.1	.0	.0	.0	.0	.0	12.3	5.3	19.7	.0	.0	55.3
NNE	8.0	1.5	.7	.0	.0	.0	.0	.3	10.9	7.2	19.6	.0	.0	55.6
NE	5.8	1.4	.7	.0	.0	.0	.0	.0	7.9	6.0	21.6	.0	.0	58.2
ENE	5.2	.6	.0	.0	.0	.0	.0	.0	7.4	3.7	22.9	.0	.0	61.6
E	3.4	2.1	.0	.0	.0	.0	.0	.3	3.4	3.4	21.8	.0	.0	63.9
ESE	5.0	2.8	.0	.0	.0	.0	.0	.0	2.8	2.8	21.0	.0	.0	64.6
SE	4.0	8.6	.6	.0	.0	.0	.0	.0	4.0	3.4	12.1	.0	.0	66.7
SSE	6.1	5.5	.6	.0	.0	.0	.0	1.8	3.0	3.7	17.1	.0	.0	64.6
S	1.7	3.1	.7	.0	.0	.0	.0	.3	3.1	1.7	21.4	.0	.3	62.4
SSW	2.5	1.6	1.2	.0	.0	.0	.0	.8	6.1	4.1	24.2	.0	.0	59.4
SW	2.6	1.9	.0	.0	.0	.0	.0	.4	12.0	5.6	14.3	.0	.0	62.0
WSW	3.6	1.4	.0	.0	.0	.0	.0	.0	6.1	8.6	17.1	.0	.0	66.4
W	.5	1.6	.3	.0	.0	.0	.0	.5	9.5	8.9	17.4	.0	.0	63.2
WNW	2.5	2.5	1.0	.0	.0	.0	.0	1.0	11.9	8.5	13.9	.0	.0	61.7
NW	2.8	1.2	1.2	.0	.0	.0	.0	.0	10.5	4.0	14.2	.0	.0	58.7
NNW	5.0	2.1	1.8	.0	.0	.0	.0	.0	14.7	7.6	12.6	.0	.0	56.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.3	.6	.3	.0	.0	.0	.0	.1	17.0	20.4	15.1	.0	.0	46.7
TOTALS	272	126	43	0	0	0	0	15	702	559	1249	0	1	3964
% TOTAL	4.0	1.8	.6	.0	.0	.0	.0	.2	10.2	8.1	18.2	.0	.0*	57.6

TOTAL NUMBER OF OBSERVATIONS : 6881

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : NOV

WIND DIR.	RAIN	RAIN SHOWRS	DRIZZLE	FREEZE RAIN	SLEET " SHOWRS	SNOW " GRAINS " PELLET	HAIL SMALL MAIL	THUNDER TORNADO SQUALLS	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	4.1	.9	1.6	.0	.0	.1	.0	.1	12.4	5.7	15.2	.0	.0	60.2
NNE	4.9	2.2	2.4	.0	.0	.0	.0	.0	12.9	4.9	17.1	.0	.0	58.4
NE	9.8	1.3	1.0	.0	.0	.0	.0	.3	9.8	3.6	16.9	.0	.0	64.2
ENE	7.6	2.1	.8	.0	.0	.0	.0	.0	11.4	5.1	19.4	.0	.0	57.4
E	8.7	2.5	.4	.0	.0	.0	.0	.0	12.7	5.1	18.5	.0	.0	55.3
ESE	6.4	1.2	.6	.0	.0	.0	.0	.6	7.5	2.9	21.4	.0	.0	55.5
SE	10.8	3.4	.0	.0	.0	.0	.0	.0	4.7	5.4	12.8	.0	.0	66.9
SSE	8.6	2.0	.7	.0	.0	.0	.0	.7	8.6	2.0	15.2	.0	.0	57.6
S	4.8	4.5	.7	.0	.0	.0	.0	.7	6.8	3.4	13.0	.0	.0	68.8
SSW	1.4	3.6	1.4	.0	.0	.0	.0	.7	7.9	4.7	9.4	.0	.0	66.5
SW	3.2	1.3	.8	.0	.0	.0	.0	.0	5.0	3.2	7.9	.0	.0	72.9
WSW	1.4	1.6	.2	.0	.0	.0	.0	.5	6.1	4.5	12.0	.0	.0	72.8
W	2.0	1.4	.5	.0	.0	.0	.0	.0	7.2	5.6	9.3	.0	.0	72.5
WNW	3.9	1.3	1.3	.0	.0	.0	.0	.0	7.1	3.6	8.8	.0	.0	74.0
NW	1.9	.3	.3	.0	.0	.3	.0	.3	7.3	3.2	9.2	.0	.0	77.7
NNW	2.1	.8	3.7	.0	.0	.0	.0	.3	13.4	4.5	10.2	.0	.0	66.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLW	2.3	.4	.3	.0	.0	.0	.0	.1	14.2	17.9	13.0	.0	.1	52.9
TOTALS	266	99	67	0	0	2	0	13	678	464	875	0	1	4256
% TOTAL	4.0	1.5	1.0	.0	.0	.0*	.0	.2	10.1	6.9	13.1	.0	.0*	63.6

TOTAL NUMBER OF OBSERVATIONS : 6693

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : DEC

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	7.9	.8	1.9	.0	.0	.4	.0	.1	9.9	3.4	8.5	.1	.0	70.0
NNE	9.7	.6	2.9	.4	.4	.0	.0	.0	10.9	3.9	13.4	.0	.0	63.2
NE	11.9	.4	1.8	.0	.0	.0	.0	.0	9.7	5.4	6.9	.0	.0	69.3
ENE	13.8	1.0	2.1	.0	.0	.0	.0	.0	10.3	7.7	16.9	.0	.0	56.9
E	13.1	1.0	1.0	.0	.0	.0	.0	.0	12.6	4.5	15.7	.0	.0	57.1
ESE	12.1	1.9	1.9	.0	.0	.0	.0	.0	16.8	2.8	16.8	.0	.0	57.0
SE	9.6	1.6	2.4	.0	.0	.0	.0	.0	12.8	9.6	15.2	.0	.0	56.8
SSE	12.1	2.8	.0	.0	.0	.0	.0	.0	19.6	6.5	15.0	.0	.0	55.1
S	7.2	4.0	.3	.0	.0	.0	.0	.9	10.0	6.2	9.7	.0	.0	63.9
SSW	5.8	2.1	.6	.0	.0	.0	.0	.0	7.7	8.6	10.1	.0	.0	59.5
SW	3.8	.4	.2	.0	.0	.0	.0	.2	5.9	4.2	8.9	.0	.0	70.7
WSW	4.2	.6	.2	.0	.0	.2	.0	.0	6.7	7.1	10.0	.0	.0	68.4
W	4.3	1.4	.5	.0	.0	.5	.0	.0	8.6	3.3	10.4	.0	.0	71.1
WNW	3.0	.5	1.5	.0	.0	.5	.0	.0	7.5	3.3	7.8	.0	.0	70.9
NW	2.7	.3	2.2	.0	.0	.0	.0	.0	8.0	3.0	6.9	.0	.0	75.0
NNW	5.7	.2	2.5	.0	.2	1.1	.0	.0	11.0	3.7	11.3	.2	.0	68.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.4	1.0	.2	.0	.0	.0	.0	.0	14.7	15.6	13.8	.0	.0	52.2
TOTALS	427	71	80	2	3	14	0	5	716	465	761	2	0	4445
% TOTAL	6.2	1.0	1.2	.0*	.0*	.2	.0	.1	10.4	6.7	11.0	.0*	.0	64.3

TOTAL NUMBER OF OBSERVATIONS : 6915

NOTES :
* = PERCENT < .05

14 - PERCENTAGE FREQUENCY OF WIND DIRECTION
VERSUS
WEATHER CONDITIONS
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : ANN

WIND DIR.	RAIN	RAIN SHOWERS	DRIZZLE	FREEZE RAIN FREEZE	SLEET " SHOWRS ICE	SNOW " GRAINS " PELLET	HAIL SMALL HAIL	THUNDER TORNADO SQUALLS	FOG	ICE FCG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND DUST	NO WEATHER
N	6.5	1.9	1.7	.2	.2	.4	.0	.7	13.3	6.4	18.4	.1	.0*	55.5
NNE	8.2	2.2	1.7	.3	.2	.4	.0*	.6	13.2	7.3	20.4	.1	.0	53.5
NE	9.5	2.1	.8	.1	.1	.2	.0	.3	11.1	6.4	19.1	.0	.0	56.9
ENE	7.3	3.6	.7	.0	.1	.3	.0	1.0	9.0	6.7	22.9	.0	.0	56.3
E	6.3	3.4	.4	.0	.0*	.0*	.0	1.2	8.6	4.7	23.5	.0*	.0	56.6
ESE	4.7	2.9	.4	.0*	.0	.0*	.0	1.3	5.8	3.4	23.0	.0	.0	61.5
SE	5.3	4.4	.5	.0	.0	.0	.0	1.4	6.1	3.4	18.6	.0	.0	64.9
SSE	4.4	4.6	.1	.0	.0	.0*	.0	1.6	6.5	2.7	20.3	.0	.0	62.7
S	3.2	4.5	.2	.0	.0	.0	.0	2.3	6.0	3.5	20.6	.0	.0*	62.7
SSW	2.4	3.7	.3	.0	.0	.0	.0	2.3	6.9	5.1	20.1	.0	.1	60.7
SW	2.3	2.8	.1	.0	.0	.0	.0	1.6	7.6	5.6	17.3	.0	.1	62.7
WSW	2.2	2.4	.2	.0	.0	.0*	.0	1.4	7.3	6.7	19.6	.0	.1	62.6
W	2.1	2.5	.4	.0	.0	.2	.0	1.2	7.9	6.6	18.6	.0	.0*	62.9
WNW	2.9	2.0	.9	.0	.0	.2	.0*	1.1	7.5	4.7	14.5	.0	.3	66.9
NW	2.8	1.2	1.2	.1	.0*	.4	.0	.8	8.3	4.2	12.4	.1	.1	69.2
NNW	3.8	1.7	2.0	.1	.1	.6	.0	.8	12.2	5.3	14.8	.1	.0*	61.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.1	1.4	.3	.0*	.0	.0	.0	.6	15.5	16.7	17.9	.0	.0*	49.1
TOTALS	3367	2127	539	36	41	120	2	945	7923	5685	15284	19	38	47782
% TOTAL	4.2	2.6	.7	.0*	.1	.1	.0*	1.2	9.8	7.0	18.9	.0*	.0*	59.0

TOTAL NUMBER OF OBSERVATIONS : 80990

NOTES :
* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	40.0	41.2	48.4	56.0	63.3	70.3	74.2	73.7	68.8	58.9	50.6	43.5	57.5
S.D.	11.805	11.384	9.908	8.503	6.746	5.328	3.712	3.945	5.865	9.389	10.732	12.119	14.969
TOT OBS	713	650	713	690	721	694	742	715	694	713	716	744	8505
MEAN	38.7	39.8	46.6	53.9	61.7	68.6	72.9	72.3	67.3	57.4	49.0	42.4	56.0
S.D.	12.073	11.642	10.487	9.033	7.330	5.721	3.910	4.180	6.280	9.844	11.268	12.538	15.182
TOT OBS	714	650	713	694	724	697	744	722	696	713	717	745	8529
MEAN	37.5	39.3	46.3	55.8	64.9	72.0	75.3	73.8	68.0	57.0	48.0	40.9	56.7
S.D.	12.225	12.038	10.779	8.793	6.664	5.197	3.739	4.335	6.439	9.863	11.493	12.770	16.296
TOT OBS	940	862	951	921	948	923	945	953	913	952	912	944	11164
MEAN	44.0	47.4	56.1	66.5	74.1	80.1	83.1	82.0	77.5	67.8	58.2	48.6	65.6
S.D.	11.269	11.243	10.490	8.876	7.043	5.701	4.613	4.911	6.422	7.916	9.897	11.112	16.122
TOT OBS	941	859	951	920	948	923	942	951	913	951	912	942	11153
MEAN	50.4	53.7	61.5	71.3	78.0	83.4	86.1	85.5	81.4	72.9	64.5	55.4	70.4
S.D.	11.696	11.711	10.969	9.193	7.556	6.317	5.482	5.555	6.356	7.798	9.706	11.146	15.261
TOT OBS	940	861	950	922	948	921	943	951	911	952	912	938	11149
MEAN	50.9	54.1	61.4	70.3	76.8	81.9	84.7	84.0	80.3	72.2	63.5	55.1	69.7
S.D.	11.212	10.913	10.230	8.504	6.964	6.079	5.401	5.408	5.961	7.258	8.885	10.484	14.426
TOT OBS	941	858	949	922	948	923	944	952	911	952	913	937	11150
MEAN	44.6	47.7	54.8	63.5	70.9	77.1	79.9	78.9	74.0	64.4	55.3	47.9	63.2
S.D.	10.531	9.912	8.769	7.240	5.690	4.912	4.045	3.974	5.119	7.664	9.379	10.461	14.593
TOT OBS	922	838	932	908	892	880	907	909	883	938	894	923	10826
MEAN	41.5	43.5	50.8	58.7	65.9	72.7	76.0	75.4	70.7	60.9	52.2	45.4	59.6
S.D.	11.266	10.668	9.406	7.921	6.152	4.748	3.537	3.660	5.507	8.728	10.308	11.456	14.710
TOT OBS	716	652	715	695	730	705	757	722	697	719	719	744	8571
MEAN	43.8	46.3	53.7	62.6	70.0	76.3	79.4	78.6	74.0	64.4	55.6	47.7	62.8
S.D.	12.467	12.513	11.732	10.683	9.015	7.628	6.506	6.663	8.043	10.476	11.852	12.620	16.182
TOT OBS	6827	6230	6874	6672	6859	6666	6924	6875	6618	6890	6695	6917	81047

16 - MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	37.4	38.3	44.9	52.3	60.3	67.3	71.4	71.1	66.2	56.2	47.6	41.0	54.6
S.D.	11.820	11.168	9.921	8.575	6.878	5.431	3.728	4.125	6.086	9.475	10.682	12.026	15.016
TOT OBS	712	649	713	690	721	694	742	714	692	713	716	742	8498
MEAN	36.3	37.2	43.7	50.8	59.2	66.1	70.6	70.2	65.1	54.9	46.4	40.1	53.5
S.D.	12.073	11.391	10.523	9.108	7.410	5.786	3.948	4.401	6.482	9.917	11.158	12.433	15.283
TOT OBS	714	649	713	694	724	697	744	722	695	713	717	744	8526
MEAN	35.4	36.9	43.6	52.3	61.5	68.5	72.2	71.3	65.8	54.8	45.6	38.8	54.0
S.D.	12.173	11.963	10.873	8.925	6.935	5.369	3.729	4.357	6.635	9.962	11.501	12.743	16.117
TOT OBS	939	861	951	921	948	923	945	953	913	952	911	942	11159
MEAN	39.9	42.4	49.1	56.9	64.9	71.2	74.7	74.5	70.2	60.9	52.2	44.1	58.5
S.D.	11.271	11.028	10.076	8.341	6.601	5.095	3.703	4.116	5.948	8.255	10.065	11.273	14.851
TOT OBS	941	859	951	920	948	923	942	951	913	951	910	941	11150
MEAN	43.6	45.8	51.6	58.7	66.1	72.0	75.6	75.3	71.2	62.7	54.9	47.9	60.6
S.D.	10.812	10.572	9.533	7.990	6.362	5.030	3.847	3.948	5.514	7.702	9.358	10.767	13.756
TOT OBS	940	861	950	922	948	921	943	951	911	952	911	937	11147
MEAN	44.1	46.2	51.8	58.5	65.9	71.8	75.4	75.1	71.0	62.7	54.8	47.9	60.5
S.D.	10.477	10.102	9.057	7.562	6.104	4.863	3.688	3.892	5.332	7.471	9.034	10.434	13.405
TOT OBS	941	858	949	922	948	923	944	952	910	952	913	936	11148
MEAN	40.6	42.9	48.8	56.1	64.1	70.4	74.0	73.6	69.1	60.0	51.0	44.1	57.9
S.D.	10.640	10.006	8.921	7.586	6.087	4.787	3.430	3.709	5.376	8.125	9.695	10.804	14.173
TOT OBS	921	837	932	907	892	880	906	907	882	938	894	922	10818
MEAN	38.4	40.0	46.7	54.0	62.0	68.7	72.4	72.1	67.3	57.6	48.8	42.5	56.0
S.D.	11.313	10.558	9.424	8.014	6.410	4.976	3.500	3.918	5.773	8.865	10.363	11.532	14.659
TOT OBS	714	650	715	694	730	705	755	720	695	719	719	741	8557
MEAN	39.7	41.5	47.8	55.2	63.2	69.7	73.4	73.1	68.4	59.0	50.4	43.5	57.2
S.D.	11.705	11.391	10.276	8.712	7.007	5.524	4.092	4.449	6.313	9.228	10.784	11.925	14.890
TOT OBS	6822	6224	6874	6670	6859	6666	6921	6870	6611	6890	6691	6905	81003

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	32.7	33.7	40.6	48.8	58.2	65.6	70.0	69.9	64.7	54.0	44.2	37.3	51.8
S.D.	14.543	13.201	12.195	10.413	7.844	6.155	4.215	4.652	6.730	10.448	12.455	14.026	16.919
TOT OBS	712	649	713	690	721	694	742	714	692	713	716	742	8498
MEAN	32.0	32.9	39.9	47.8	57.4	64.8	69.4	69.1	63.8	52.8	43.3	36.5	50.9
S.D.	14.610	13.377	12.573	10.637	8.139	6.367	4.365	4.864	7.074	10.901	12.735	14.323	17.080
TOT OBS	714	649	713	694	724	697	744	722	695	713	717	744	8526
MEAN	31.4	32.8	40.1	49.0	59.3	66.7	70.8	70.1	64.5	52.9	42.8	35.3	51.4
S.D.	14.391	14.208	12.867	10.623	8.099	6.164	4.193	4.801	7.252	10.806	13.023	14.684	17.749
TOT OBS	939	861	951	921	948	923	945	953	913	952	911	942	11159
MEAN	33.7	35.3	41.3	48.7	59.0	66.7	71.1	71.2	66.4	55.9	46.3	38.2	52.9
S.D.	14.650	14.461	13.959	11.929	9.137	6.744	4.679	4.953	7.170	10.785	13.136	14.461	17.439
TOT OBS	941	859	951	920	948	923	942	951	913	951	910	941	11150
MEAN	34.6	35.8	41.2	48.3	58.8	66.5	71.1	70.9	66.1	55.5	46.1	38.9	52.9
S.D.	14.888	14.756	14.207	12.378	9.483	7.033	5.312	5.172	7.178	11.064	13.542	15.101	17.426
TOT OBS	940	861	950	922	948	921	943	951	911	952	910	937	11146
MEAN	34.9	36.4	41.7	48.8	59.1	66.8	71.4	71.2	66.2	55.9	46.6	39.2	53.3
S.D.	14.933	14.436	13.690	12.022	9.251	6.883	5.101	5.111	7.197	10.814	13.422	14.968	17.235
TOT OBS	941	858	949	922	948	923	944	952	910	952	913	936	11148
MEAN	34.8	36.4	42.1	49.6	59.6	67.0	71.3	71.2	66.6	56.7	46.7	39.0	53.4
S.D.	14.042	13.344	12.654	11.252	8.555	6.398	4.432	4.563	6.452	9.740	12.074	13.800	16.721
TOT OBS	922	836	932	908	892	880	907	908	882	938	894	923	10822
MEAN	33.5	34.8	41.9	49.8	59.4	66.6	70.7	70.5	65.4	55.0	45.1	38.4	52.8
S.D.	14.244	12.987	11.892	10.227	7.681	5.923	4.129	4.563	6.580	9.989	12.296	13.905	16.710
TOT OBS	715	650	715	695	730	705	757	721	696	719	719	742	8564
MEAN	33.5	34.9	41.1	48.8	58.9	66.4	70.8	70.6	65.5	54.9	45.2	37.9	52.5
S.D.	14.595	13.991	13.125	11.298	8.628	6.531	4.638	4.901	7.037	10.673	12.952	14.498	17.210
TOT OBS	6824	6223	6874	6672	6859	6666	6924	6872	6612	6890	6690	6907	81013

SEA-LEVEL PRESSURE (MB)
(FROM HOURLY OBSERVATIONS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN 1019.3 7.588 713	1018.2 8.006 650	1017.1 7.856 713	1016.7 6.796 690	1015.9 5.087 721	1016.1 4.360 694	1016.9 3.643 742	1017.3 3.435 715	1017.6 4.527 694	1018.6 5.767 713	1019.1 7.015 716	1019.9 7.490 744	1017.7 6.289 8505
04	MEAN 1019.2 7.612 714	1017.8 8.099 650	1016.5 7.917 713	1016.4 6.872 694	1015.6 5.126 724	1015.7 4.431 697	1016.5 3.648 744	1016.8 3.498 722	1017.2 4.507 696	1018.3 5.730 713	1018.8 7.034 717	1019.8 7.525 745	1017.4 6.346 8529
07	MEAN 1019.8 7.859 941	1018.7 8.181 862	1017.4 7.888 951	1017.5 7.136 921	1017.0 5.202 948	1016.4 4.388 923	1017.3 3.675 945	1017.4 3.655 953	1018.1 4.540 913	1018.9 5.908 951	1019.6 6.847 911	1020.6 7.642 944	1018.2 6.401 11163
10	MEAN 1021.0 8.023 941	1019.5 8.341 859	1018.0 8.130 951	1017.8 7.260 920	1017.3 5.292 948	1016.8 4.424 923	1017.7 3.699 942	1017.9 3.671 952	1018.7 4.601 913	1019.6 6.019 950	1020.4 6.959 911	1021.7 7.738 942	1018.8 6.566 11152
13	MEAN 1018.9 8.056 940	1017.9 8.397 861	1016.5 8.117 950	1016.6 7.292 922	1016.3 5.310 948	1016.1 4.494 921	1017.1 3.725 943	1017.2 3.696 952	1017.7 4.658 911	1018.1 6.038 951	1018.5 6.953 911	1019.6 7.714 938	1017.5 6.500 11148
16	MEAN 1018.2 7.995 941	1016.7 8.373 857	1015.2 7.937 949	1015.3 7.208 922	1015.3 5.278 948	1015.2 4.492 923	1016.1 3.773 944	1016.1 3.639 953	1016.6 4.678 911	1017.3 5.966 951	1017.8 6.858 912	1018.9 7.615 937	1016.6 6.468 11148
19	MEAN 1019.2 7.932 922	1017.6 8.291 839	1016.1 7.702 932	1015.9 7.016 908	1015.5 5.149 892	1015.4 4.298 880	1016.2 3.715 907	1016.4 3.482 910	1017.0 4.562 883	1018.2 5.857 937	1018.8 6.760 893	1019.9 7.575 923	1017.2 6.421 10825
22	MEAN 1019.8 7.634 716	1018.4 8.104 653	1017.2 7.823 715	1016.9 6.799 695	1016.2 4.997 730	1016.4 4.258 705	1017.2 3.642 757	1017.5 3.402 722	1017.9 4.563 698	1019.2 5.711 719	1019.3 6.883 719	1020.2 7.538 744	1018.0 6.281 8573
ALL	MEAN 1019.4 7.897 6828	1018.1 8.275 6230	1016.7 7.969 6874	1016.6 7.115 6672	1016.1 5.236 6859	1016.0 4.429 6666	1016.9 3.732 6924	1017.1 3.617 6879	1017.6 4.625 6619	1018.5 5.926 6885	1019.0 6.945 6690	1020.1 7.649 6917	1017.7 6.455 81043

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN 30.083	30.045	30.015	30.006	29.982	29.988	30.009	30.018	30.027	30.056	30.070	30.093	30.032
	S.D. .220	.234	.227	.199	.145	.127	.106	.100	.127	.168	.204	.221	.182
	TOT OBS 651	622	651	660	690	664	711	684	664	651	656	682	7986
04	MEAN 30.080	30.033	29.999	29.995	29.973	29.976	29.997	30.004	30.013	30.046	30.064	30.091	30.022
	S.D. .221	.236	.228	.201	.146	.129	.107	.102	.129	.169	.205	.222	.184
	TOT OBS 652	622	651	664	693	668	713	691	666	651	657	683	8011
07	MEAN 30.096	30.059	30.021	30.026	30.011	29.995	30.018	30.020	30.039	30.062	30.084	30.112	30.045
	S.D. .228	.240	.228	.209	.149	.128	.108	.107	.131	.174	.199	.225	.186
	TOT OBS 879	834	889	891	917	893	914	922	883	890	852	882	10646
10	MEAN 30.129	30.083	30.038	30.035	30.020	30.003	30.028	30.034	30.056	30.082	30.107	30.143	30.062
	S.D. .233	.245	.236	.213	.151	.129	.109	.108	.133	.177	.202	.228	.191
	TOT OBS 879	831	889	890	917	893	911	921	883	889	852	880	10635
13	MEAN 30.068	30.034	29.997	29.998	29.993	29.983	30.011	30.013	30.028	30.039	30.053	30.082	30.024
	S.D. .233	.246	.235	.213	.152	.130	.109	.108	.134	.177	.201	.227	.189
	TOT OBS 878	833	888	892	917	891	912	921	881	890	852	876	10631
16	MEAN 30.048	30.000	29.959	29.962	29.962	29.958	29.983	29.983	29.997	30.016	30.032	30.064	29.997
	S.D. .231	.245	.230	.210	.151	.130	.110	.106	.134	.175	.198	.224	.187
	TOT OBS 879	829	887	892	917	892	913	922	881	890	853	875	10630
19	MEAN 30.078	30.026	29.983	29.978	29.968	29.965	29.986	29.991	30.008	30.040	30.061	30.090	30.014
	S.D. .230	.243	.223	.205	.147	.124	.108	.101	.130	.172	.195	.224	.186
	TOT OBS 859	810	870	877	861	850	875	879	853	876	834	860	10304
22	MEAN 30.096	30.048	30.020	30.011	29.991	29.996	30.018	30.024	30.034	30.071	30.078	30.101	30.040
	S.D. .221	.239	.226	.199	.143	.124	.107	.099	.128	.168	.200	.223	.182
	TOT OBS 654	625	653	664	699	675	725	691	667	657	659	681	8050
ALL	MEAN 30.085	30.041	30.003	30.001	29.988	29.983	30.006	30.010	30.026	30.051	30.068	30.097	30.029
	S.D. .229	.243	.231	.208	.150	.129	.109	.106	.132	.174	.201	.226	.187
	TOT OBS 6331	6006	6378	6430	6611	6426	6674	6631	6378	6394	6215	6419	76893

20 - FLYING WEATHER - PERCENT OF HOURS

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERCENT OF HOURS WITH
CEILING LESS THAN 5000 FEET & VISIBILITY LESS THAN 5.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	33	30	26	20	25	24	25	29	31	26	25	30	27	32
04	35	33	31	26	36	37	35	37	41	35	30	31	34	32
07	40	40	37	27	36	36	35	40	49	41	38	38	38	32
10	33	32	30	24	34	37	38	41	36	28	24	30	32	32
13	32	32	33	29	38	46	54	52	49	34	27	27	38	32
16	31	31	31	27	30	36	42	39	36	27	22	27	32	32
19	30	29	29	20	23	25	27	24	26	21	20	26	25	32
22	32	29	23	17	24	22	23	26	24	20	21	28	24	32
ALL	33	32	30	24	31	33	35	37	37	29	26	30	32	32

PERCENT OF HOURS WITH
CEILING LESS THAN 3000 FEET & VISIBILITY LESS THAN 3.00 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	26	23	19	13	16	13	12	12	17	17	16	21	17	32
04	27	23	22	17	23	21	17	18	25	23	19	22	21	32
07	30	27	26	18	24	24	22	26	35	28	25	26	26	32
10	25	25	24	17	25	29	29	31	27	21	17	20	24	32
13	26	24	24	17	23	31	38	37	33	24	19	20	26	32
16	23	22	20	14	19	22	27	27	22	17	14	19	21	32
19	23	21	20	11	15	15	16	13	16	14	13	18	16	32
22	24	21	17	10	16	12	12	9	13	15	14	19	15	32
ALL	25	23	22	15	20	22	22	23	24	20	17	21	21	32

PERCENT OF HOURS WITH
CEILING LESS THAN 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	15	13	12	6	6	5	4	5	9	9	9	14	9	32
04	16	14	14	8	13	11	9	10	17	14	12	14	13	32
07	20	18	18	11	16	15	13	19	27	20	17	16	18	32
10	18	15	14	6	7	7	6	6	8	10	10	11	10	32
13	14	10	9	3	4	3	3	4	5	5	6	9	6	32
16	13	11	8	3	5	4	3	5	5	4	5	8	6	32
19	13	12	10	4	5	3	4	5	6	5	6	9	7	32
22	13	13	11	3	5	3	3	3	5	5	7	10	7	32
ALL	15	13	12	6	7	6	6	7	10	9	9	11	9	32

20 - FLYING WEATHER - PERCENT OF HOURS

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

CEILING LESS THAN 400 FEET & VISIBILITY LESS THAN 1 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	6	6	5	1	1	1	1	1	1	3	4	5	3	32
04	5	6	6	2	4	4	3	2	5	6	6	6	5	32
07	8	7	6	4	5	4	4	6	10	8	7	7	6	32
10	4	4	3	0*	0*	1	0*	1	0*	1	2	3	2	32
13	2	2	2	0*	0*	0*	0*	1	1	0	1	1	1	32
16	2	3	1	1	0*	1	0*	1	1	1	1	1	1	32
19	3	4	2	0*	0*	0*	1	0*	1	1	2	3	1	32
22	5	4	4	1	1	0*	0	1	1	1	3	4	2	32
ALL	4	4	4	1	1	1	1	1	2	2	3	4	3	32

CEILING LESS THAN 300 FEET & VISIBILITY LESS THAN 1 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	4	4	4	1	0*	1	0*	0*	1	2	4	4	2	32
04	4	5	5	2	4	3	2	2	5	5	5	5	4	32
07	6	6	5	3	4	4	4	5	9	7	7	6	5	32
10	3	2	1	0	0*	0*	0*	0*	0*	0*	1	2	1	32
13	1	1	1	0*	0*	0*	0*	1	1	0	1	1	1	32
16	1	2	1	0*	0*	1	0*	1	1	0*	0*	1	1	32
19	2	2	1	0*	0*	0*	0*	0*	0*	0*	1	2	1	32
22	3	3	3	0*	1	0*	0	0*	1	0*	2	3	1	32
ALL	3	3	3	1	1	1	1	1	2	2	3	3	2	32

NOTE : * = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	.6	.7	.5	.0	.0	.0	.0	.2
>= 95	.0	.0	.0	.1	.6	5.6	7.7	6.9	1.5	.2	.0	.0	1.9
>= 90	.0	.0	.1	2.0	8.3	22.7	41.3	35.8	12.1	.9	.0	.0	10.3
>= 85	.0	.1	1.8	9.9	25.6	54.8	81.2	76.4	46.9	6.7	.7	.0	25.4
>= 80	.5	1.5	7.3	25.8	54.9	85.9	96.9	93.0	75.0	27.0	7.3	.7	39.7
>= 75	3.1	4.6	16.8	45.6	80.1	96.5	99.5	98.8	90.3	53.9	20.4	6.8	51.5
>= 70	8.7	15.2	31.8	67.2	92.5	99.3	99.9	99.8	97.3	76.5	41.3	17.3	62.4
>= 65	18.6	28.0	50.2	85.6	97.3	99.8	100.0	100.0	99.9	91.0	60.4	31.1	72.0
>= 60	31.3	44.3	69.0	95.1	99.4	99.9	100.0	100.0	100.0	96.7	76.1	46.6	80.0
>= 55	46.1	58.1	82.4	98.5	99.9	100.0	100.0	100.0	100.0	98.9	88.3	62.8	86.4
>= 50	61.6	72.3	91.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0	95.9	79.7	91.8
>= 45	77.2	84.1	96.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	99.2	91.1	95.8
>= 40	88.2	93.7	99.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	98.2
>= 35	96.0	98.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.1	99.5
>= 30	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.6	99.9
>= 25	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	100.0
>= 20	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	53.6	57.1	64.3	73.5	80.0	85.3	88.3	87.5	83.1	74.6	66.5	58.5	72.7
S.D.	11.428	11.231	10.414	8.534	7.016	5.842	4.580	4.960	6.062	7.462	9.272	10.570	14.590
TOT. OBS.	969	876	981	944	983	944	940	983	928	979	944	970	11441

NOTES :
* = PERCENT < .05

6 - DAILY TEMPERATURES

ELEMENT TYPE : MINIMUM TEMPERATURE

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
>= 80	.0	.0	.0	.0	.0	.2	.5	.8	.1	.0	.0	.0	.1
>= 75	.0	.0	.0	.0	.2	7.1	23.0	19.8	5.2	.3	.0	.0	4.6
>= 70	.0	.0	.0	.4	6.9	38.6	77.7	71.9	32.2	4.2	.3	.0	19.4
>= 65	.1	.1	.9	4.8	29.3	72.4	94.6	92.4	59.8	16.2	3.1	.7	31.2
>= 60	1.4	2.1	4.1	19.6	55.0	90.0	99.0	98.9	81.9	33.7	9.5	3.1	41.6
>= 55	3.1	5.1	12.8	37.7	75.3	97.5	99.9	100.0	93.2	52.3	18.6	7.2	50.4
>= 50	6.8	11.2	24.4	55.8	90.7	99.9	100.0	100.0	98.5	69.4	33.3	13.8	58.8
>= 45	14.4	21.3	40.9	73.8	96.7	100.0	100.0	100.0	99.9	83.5	47.1	25.5	67.1
>= 40	28.1	33.7	60.4	89.6	99.7	100.0	100.0	100.0	100.0	92.3	65.5	37.5	75.8
>= 35	41.9	50.9	77.7	97.9	99.9	100.0	100.0	100.0	100.0	98.0	82.3	54.1	83.7
>= 30	63.8	70.4	92.8	99.7	100.0	100.0	100.0	100.0	100.0	99.6	93.5	73.3	91.2
>= 25	82.0	87.9	98.6	100.0	100.0	100.0	100.0	100.0	100.0	99.9	98.8	89.5	96.4
>= 20	93.3	96.2	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	97.4	98.9
>= 15	98.6	99.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.3	99.8
>= 10	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	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	33.5	35.9	42.6	50.9	59.7	67.3	71.6	71.1	65.5	54.4	44.6	37.0	52.9
S.D.	10.140	10.333	9.536	8.768	7.296	5.651	3.896	4.214	6.566	9.576	10.292	10.776	15.899
TOT. OBS.	969	876	981	945	983	944	940	983	928	979	944	970	11442

NOTES :
* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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	.4	.2	.1	.0	.0	.0	.0	.1
>= 85	.0	.0	.0	.0	.1	5.5	11.1	10.4	1.4	.0	.0	.0	2.4
>= 80	.0	.0	.0	.1	5.0	28.6	60.4	55.0	19.9	1.2	.1	.0	14.2
>= 75	.0	.0	.5	5.3	27.5	66.9	93.8	88.7	55.6	9.1	.7	.1	29.1
>= 70	.4	1.4	4.7	21.8	57.2	90.9	99.7	98.2	80.1	30.4	7.8	1.8	41.3
>= 65	2.9	4.2	13.1	42.4	80.6	98.6	100.0	100.0	94.6	53.3	18.2	6.1	51.3
>= 60	6.8	12.1	27.7	61.7	93.0	99.8	100.0	100.0	99.1	75.3	34.4	13.8	60.5
>= 55	15.1	23.5	45.0	82.0	99.2	100.0	100.0	100.0	100.0	89.2	54.8	26.1	69.7
>= 50	27.6	39.5	66.9	95.0	99.8	100.0	100.0	100.0	100.0	96.6	73.2	42.1	78.6
>= 45	44.4	55.6	83.5	99.3	100.0	100.0	100.0	100.0	100.0	99.5	89.3	60.4	86.1
>= 40	65.8	74.4	94.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	96.2	80.5	92.7
>= 35	81.5	87.9	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	92.6	96.7
>= 30	93.4	97.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.8	99.0
>= 25	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	99.8
>= 20	99.6	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	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 10	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	43.8	46.8	53.7	62.4	70.1	76.5	80.2	79.6	74.6	64.7	55.8	48.0	63.1
S.D.	10.016	10.063	9.272	7.924	6.396	5.178	3.708	4.039	5.724	7.781	9.079	9.952	14.858
TOT. OBS.	969	876	981	944	983	944	940	983	928	979	944	970	11441

NOTES :
 * = PERCENT < .05

(FROM DAILY OBSERVATIONS)

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

NOTES :

0.001, 0.0 OR 0.1 = ZERO PRECIPITATION, SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT, ** = PERCENT SQUARED

= PERCENT < .05

ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

9 - DAILY AMOUNTS

PERCENTAGE FREQUENCY OF SNOW FALL

(FROM DAILY OBSERVATIONS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

	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	PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
																MEAN	HI	LOW
JAN	94.0	4.2	.1	1.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	>=1	713	.7	5.9	.0
FEB	95.3	3.6	.2	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	1.8	644	1.0	16.2	.0
MAR	97.1	2.2	.0	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.1	713	1.1	24.0	.0
APR	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	690	.0T	.0T	.0
MAY	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713	.0T	.0T	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	690	.0	.0	.0
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	712	.0	.0	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713	.0	.0	.0
SEP	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	690	.0T	.0T	.0
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713	.0	.0	.0
NOV	99.4	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	714	.0T	.0T	.0
DEC	98.4	1.3	.1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	744	.1	2.7	.0
ANN	98.7	1.0	.0*	.1	.1	.1	.0	.0	.0	.0*	.0*	.0	.0	.3	8449	3.0	26.8	.0T

NOTES :

.00T, .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)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	60-120	> 120	PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	MEAN	HI	LOW
JAN	97.5	.6	1.1	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	>= 1	713		4.	0.
FEB	98.1	.8	.0	.0	.2	.6	.3	.0	.0	.0	.0	.0	.0	2.0	643		10.	0.
MAR	98.6	.7	.1	.1	.0	.0	.1	.3	.0	.0	.0	.0	.0	1.1	713		20.	0.
APR	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	690		0.	0.
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713		0.	0.
JUN	99.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	690		0.	0.
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	712		1.	0.
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713		0.	0.
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	690		0.	0.
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	713		0.	0.
NOV	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	714		0.	0.
DEC	99.7	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	743		0.	0.
ANN	99.5	.2	.1	.0*	.0*	.1	.0*	.0*	.0	.0	.0	.0	.0	.1	8447		2.	0.7

NOTES :

.00T, .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.

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986

MONTH : JAN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.95	24	.00	0	0.	0
2	2.08	53	.00	0	0.	0
3	2.69	68	.00	0	0.	0
4	1.35	34	1.40	36	0.	0
5	1.60	41	T	T	1.	25
6	.48	12	.00	0	0.	0
7	1.07	27	2.00	51	0.	0
8	.81	21	2.10	53	3.	76
9	.86	22	T	T	4.	102
10	1.04	26	T	T	3.	76
11	1.36	35	.00	0	3.	76
12	1.44	37	T	T	2.	51
13	1.02	26	T	T	1.	25
14	1.03	26	T	T	1.	25
15	.86	22	T	T	0.	0
16	.24	6	1.00	25	0.	0
17	.65	17	.50	13	1.	25
18	.30	8	.00	0	1.	25
19	2.62	67	T	T	0.	0
20	1.13	29	1.00	25	1.	25
21	.68	17	.00	0	0.	0
22	2.07	53	T	T	0.	0
23	1.27	32	1.00	25	0.	0
24	.98	25	.00	0	0.	0
25	1.60	41	1.00	25	0.	0
26	1.02	26	T	T	T	T
27	.68	17	.50	13	1.	25
28	.44	11	T	T	0.	0
29	.59	15	T	T	0.	0
30	.50	13	2.00	51	T	T
31	.83	21	2.40	61	4.	102
MONTH	2.69	68	2.40	61	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

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986

MONTH : FEB

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.83	21	T	1971	4.	102
2	1.31	33	T	1978	0.	0
3	.96	24	T	1975	0.	0
4	1.45	37	0	1986	0.	0
5	1.26	32	0	1986	0.	0
6	1.41	36	2.80	71	T	1980
7	1.34	34	T	1979	3.	76
8	.77	20	T	1964	T	1980
9	1.73	44	2.80	71	0.	0
10	1.34	34	13.40	340	10.	254
11	1.53	39	T	1968	8.	203
12	1.58	40	0	1986	6.	152
13	1.23	31	T	1986	6.	152
14	4.16	106	0	1986	4.	102
15	.46	12	0	1986	0.	0
16	1.26	32	T	1977	0.	0
17	1.64	42	T	1979	0.	0
18	1.78	45	.50	13	0.	0
19	1.47	37	T	1972	0.	0
20	.59	15	0	1986	0.	0
21	.65	17	0	1986	0.	0
22	1.06	27	1.00	25	T	1978
23	1.02	26	0	1986	0.	0
24	1.44	37	2.60	66	0.	0
25	1.03	26	T	1978	T	1968
26	.18	5	T	1983	0.	0
27	1.04	26	0	1986	0.	0
28	2.19	56	0	1986	0.	0
29						
30						
31						
MONTH	4.16	106	13.40	340	10.	254

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

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : MAR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.84	21 1969	2.60	66 1980	0.	0 1986
2	1.91	49 1980	19.10	485 1980	T	T 1980
3	.48	12 1971	2.30	58 1980	20.	508 1980
4	1.25	32 1966	.00	0 1986	20.	508 1980
5	.73	19 1979	.00	0 1986	8.	203 1980
6	1.64	42 1969	T	T 1965	2.	51 1980
7	1.27	32 1977	.00	0 1986	T	T 1980
8	.46	12 1983	.00	0 1986	0.	0 1986
9	.40	10 1976	.00	0 1986	0.	0 1986
10	.46	12 1978	.00	0 1986	0.	0 1986
11	.28	7 1979	.00	0 1986	0.	0 1986
12	.59	15 1968	T	T 1965	0.	0 1986
13	1.65	42 1984	.00	0 1986	0.	0 1986
14	2.60	66 1986	T	T 1970	0.	0 1986
15	1.29	33 1966	T	T 1970	0.	0 1986
16	.92	23 1976	.00	0 1986	0.	0 1986
17	1.60	41 1983	.00	0 1986	0.	0 1986
18	1.32	34 1969	T	T 1985	0.	0 1986
19	1.02	26 1986	.00	0 1986	0.	0 1986
20	1.15	29 1965	.00	0 1986	0.	0 1986
21	1.25	32 1970	.00	0 1986	0.	0 1986
22	1.82	46 1985	.00	0 1986	0.	0 1986
23	.38	10 1965	.00	0 1986	0.	0 1986
24	1.24	31 1983	T	T 1985	0.	0 1986
25	1.31	33 1974	.50	13 1983	T	T 1983
26	2.39	61 1978	T	T 1972	T	T 1972
27	.32	8 1983	.00	0 1986	0.	0 1986
28	.99	25 1984	.00	0 1986	0.	0 1986
29	1.41	36 1980	.00	0 1986	0.	0 1986
30	1.20	30 1980	.00	0 1986	0.	0 1986
31	.86	22 1973	T	T 1965	0.	0 1986
MONTH	2.60	66 1986	19.10	485 1980	20.	508 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

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986

MONTH : APR

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.87	47	.00	0	0.	0
2	.53	13	.00	0	0.	0
3	.79	20	.00	0	0.	0
4	1.62	41	.00	0	0.	0
5	1.48	38	.00	0	0.	0
6	1.21	31	.00	0	0.	0
7	1.31	33	.00	0	0.	0
8	4.33	110	.00	0	0.	0
9	.85	22	.00	0	0.	0
10	.82	21	.00	0	0.	0
11	.94	24	.00	0	0.	0
12	.69	18	.00	0	0.	0
13	1.19	30	.00	0	0.	0
14	.56	14	.00	0	0.	0
15	.81	21	.00	0	0.	0
16	.18	5	.00	0	0.	0
17	.90	23	.00	0	0.	0
18	1.20	30	.00	0	0.	0
19	.26	7	T	1983	0.	0
20	.50	13	.00	0	0.	0
21	.22	6	.00	0	0.	0
22	.43	11	.00	0	0.	0
23	.72	18	.00	0	0.	0
24	.81	21	.00	0	0.	0
25	.84	21	.00	0	0.	0
26	2.37	60	.00	0	0.	0
27	1.71	43	.00	0	0.	0
28	1.15	29	.00	0	0.	0
29	.31	8	.00	0	0.	0
30	.32	8	.00	0	0.	0
31						
MONTH	4.33	110	T	T	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

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : MAY

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.47	12	.00	0	0.	0
2	.32	8	.00	0	0.	0
3	1.77	45	.00	0	0.	0
4	.88	22	.00	0	0.	0
5	1.04	26	.00	0	0.	0
6	.17	4	.00	0	0.	0
7	1.49	38	.00	0	0.	0
8	.86	22	.00	0	0.	0
9	.98	25	.00	0	0.	0
10	.81	21	.00	0	0.	0
11	.54	14	.00	0	0.	0
12	.44	11	.00	0	0.	0
13	.64	16	.00	0	0.	0
14	.94	24	.00	0	0.	0
15	.35	9	.00	0	0.	0
16	.32	8	.00	0	0.	0
17	1.10	28	.00	0	0.	0
18	1.35	34	.00	0	0.	0
19	.89	23	T	1981	0.	0
20	2.13	54	.00	0	0.	0
21	.91	23	.00	0	0.	0
22	.86	22	.00	0	0.	0
23	1.27	32	.00	0	0.	0
24	3.87	98	.00	0	0.	0
25	2.53	64	.00	0	0.	0
26	3.05	77	.00	0	0.	0
27	1.05	27	.00	0	0.	0
28	1.89	48	.00	0	0.	0
29	1.46	37	.00	0	0.	0
30	2.61	66	.00	0	0.	0
31	.45	11	.00	0	0.	0
MONTH	3.87	98	T	T	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

093727 NEW RIVER, NC

 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : JUN

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.24	31	.00	0	0.	0
2	2.71	69	.00	0	0.	0
3	1.44	37	.00	0	0.	0
4	.86	22	.00	0	0.	0
5	.18	5	.00	0	0.	0
6	.60	15	.00	0	0.	0
7	2.10	53	.00	0	0.	0
8	.85	22	.00	0	0.	0
9	1.91	49	.00	0	0.	0
10	1.02	26	.00	0	0.	0
11	2.04	52	.00	0	0.	0
12	2.07	53	.00	0	0.	0
13	2.02	51	.00	0	0.	0
14	1.37	35	.00	0	0.	0
15	2.51	64	.00	0	0.	25
16	2.48	63	.00	0	0.	0
17	.87	22	.00	0	0.	0
18	2.14	54	.00	0	0.	0
19	.57	14	.00	0	0.	0
20	1.74	44	.00	0	0.	0
21	1.60	43	.00	0	0.	0
22	1.35	34	.00	0	0.	0
23	2.53	64	.00	0	0.	0
24	1.64	42	.00	0	0.	0
25	2.17	55	.00	0	0.	0
26	1.24	31	.00	0	0.	0
27	2.77	70	.00	0	0.	0
28	2.60	66	.00	0	0.	0
29	2.06	52	.00	0	0.	0
30	.70	18	.00	0	0.	0
31						
MONTH	2.77	70	.00	0	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

093727 NEW RIVER, NC

PERIOD OF RECORD : 1955-1986

24 FT

LAT. : 34 43N LONG. : 77 26W ELEV. :

MONTH : JUL

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	.90	23	.00	0	0.	0
2	1.88	48	.00	0	0.	0
3	1.45	37	.00	0	0.	0
4	1.43	36	.00	0	0.	0
5	1.61	41	.00	0	0.	0
6	1.35	34	.00	0	0.	0
7	2.26	57	.00	0	0.	0
8	1.95	50	.00	0	0.	0
9	2.25	57	.00	0	0.	0
10	2.04	52	.00	0	0.	0
11	2.02	51	.00	0	0.	0
12	2.21	56	.00	0	0.	0
13	2.35	60	.00	0	0.	0
14	5.35	136	.00	0	0.	0
15	2.41	61	.00	0	0.	0
16	1.38	35	.00	0	0.	0
17	2.15	55	.00	0	0.	0
18	.62	16	.00	0	0.	0
19	1.49	38	.00	0	0.	0
20	.76	19	.00	0	0.	0
21	4.65	118	.00	0	0.	0
22	1.35	34	.00	0	0.	0
23	1.16	29	.00	0	0.	0
24	1.00	25	.00	0	0.	0
25	1.87	47	.00	0	0.	0
26	3.45	88	.00	0	0.	0
27	.93	24	.00	0	0.	0
28	2.07	53	.00	0	0.	0
29	5.34	136	.00	0	0.	0
30	1.89	48	.00	0	0.	0
31	1.43	36	.00	0	0.	0
MONTH	5.35	136	.00	0	0.	0

NOTES :

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+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : AUG

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	2.00	51	0.00	0	0.	0
2	1.02	26	0.00	0	0.	0
3	4.45	113	0.00	0	0.	0
4	1.68	43	0.00	0	0.	0
5	2.98	76	0.00	0	0.	0
6	1.41	36	0.00	0	0.	0
7	1.23	31	0.00	0	0.	0
8	.99	25	0.00	0	0.	0
9	1.67	42	0.00	0	0.	0
10	1.39	35	0.00	0	0.	0
11	1.49	38	0.00	0	0.	0
12	2.13	54	0.00	0	0.	0
13	.75	19	0.00	0	0.	0
14	.75	19	0.00	0	0.	0
15	1.36	35	0.00	0	0.	0
16	2.00	51	0.00	0	0.	0
17	2.06	52	0.00	0	0.	0
18	2.77	70	0.00	0	0.	0
19	6.71	170	0.00	0	0.	0
20	1.19	30	0.00	0	0.	0
21	.94	24	0.00	0	0.	0
22	1.11	28	0.00	0	0.	0
23	2.53	64	0.00	0	0.	0
24	1.63	41	0.00	0	0.	0
25	.54	14	0.00	0	0.	0
26	3.43	87	0.00	0	0.	0
27	1.10	28	0.00	0	0.	0
28	.23	6	0.00	0	0.	0
29	1.34	34	0.00	0	0.	0
30	.72	18	0.00	0	0.	0
31	2.40	61	0.00	0	0.	0
MONTH	6.71	170	0.00	0	0.	0

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : SEP

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.26	32	0.00	0	0.	0
2	.89	23	.00	0	0.	0
3	.56	14	.00	0	0.	0
4	1.65	42	.00	0	0.	0
5	6.15	156	.00	0	0.	0
6	1.27	32	.00	0	0.	0
7	.71	18	.00	0	0.	0
8	2.55	65	.00	0	0.	0
9	3.02	77	.00	0	0.	0
10	2.33	59	.00	0	0.	0
11	1.89	48	.00	0	0.	0
12	1.46	37	.00	0	0.	0
13	3.97	101	.00	0	0.	0
14	1.17	30	.00	0	0.	0
15	2.22	56	T	T	0.	0
16	.36	9	.00	0	0.	0
17	.68	17	.00	0	0.	0
18	.92	23	.00	0	0.	0
19	1.17	30	.00	0	0.	0
20	.65	17	.00	0	0.	0
21	3.60	91	.00	0	0.	0
22	1.91	49	.00	0	0.	0
23	.91	23	.00	0	0.	0
24	.18	5	.00	0	0.	0
25	1.36	35	.00	0	0.	0
26	3.36	85	.00	0	0.	0
27	.54	14	.00	0	0.	0
28	1.50	38	.00	0	0.	0
29	2.07	53	.00	0	0.	0
30	2.45	62	.00	0	0.	0
31						
MONTH	6.15	156	T	T	0.	0

NOTES :

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+ = VALUE OCCURRED IN PREVIOUS YEAR(S).

THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PERIOD OF RECORD : 1955-1986

MONTH : OCT

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM DATE	INCHES	MM DATE	INCHES	MM DATE
1	.81	21 1964	.00	0 1986	0.	0 1986
2	1.00	25 1964	.00	0 1986	0.	0 1986
3	1.28	33 1969	.00	0 1986	0.	0 1986
4	1.38	35 1964	.00	0 1986	0.	0 1986
5	1.43	36 1964	.00	0 1986	0.	0 1986
6	.06	2 1983	.00	0 1986	0.	0 1986
7	1.40	36 1965	.00	0 1986	0.	0 1986
8	.91	23 1986	.00	0 1986	0.	0 1986
9	.80	20 1971	.00	0 1986	0.	0 1986
10	1.07	27 1971	.00	0 1986	0.	0 1986
11	1.50	38 1983	.00	0 1986	0.	0 1986
12	1.42	36 1977	.00	0 1986	0.	0 1986
13	.97	25 1977	.00	0 1986	0.	0 1986
14	.67	17 1977	.00	0 1986	0.	0 1986
15	.13	3 1964	.00	0 1986	0.	0 1986
16	.48	12 1974	.00	0 1986	0.	0 1986
17	2.67	68 1975	.00	0 1986	0.	0 1986
18	1.07	27 1975	.00	0 1986	0.	0 1986
19	1.73	44 1968	.00	0 1986	0.	0 1986
20	1.65	42 1976	.00	0 1986	0.	0 1986
21	1.40	36 1970	.00	0 1986	0.	0 1986
22	1.70	43 1971	.00	0 1986	0.	0 1986
23	1.12	28 1971	.00	0 1986	0.	0 1986
24	1.18	30 1982	.00	0 1986	0.	0 1986
25	1.06	27 1986	.00	0 1986	0.	0 1986
26	2.36	60 1977	.00	0 1986	0.	0 1986
27	1.04	26 1969	.00	0 1986	0.	0 1986
28	.43	11 1973	.00	0 1986	0.	0 1986
29	.76	19 1984	.00	0 1986	0.	0 1986
30	2.99	76 1985	.00	0 1986	0.	0 1986
31	.83	21 1970	.00	0 1986	0.	0 1986
MONTH	2.99	76 1985	.00	0 1986	0.	0 1986

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21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	3.16	80	.00	0	0.	0
2	2.19	56	.00	0	0.	0
3	.50	13	.00	0	0.	0
4	2.81	71	.00	0	0.	0
5	.34	9	.00	0	0.	0
6	1.99	51	.00	0	0.	0
7	.22	6	.00	0	0.	0
8	.33	8	.00	0	0.	0
9	1.12	28	.00	0	0.	0
10	.58	15	T	0	0.	0
11	1.63	41	T	0	0.	0
12	.36	9	.00	0	0.	0
13	.45	11	.00	0	0.	0
14	.72	18	.00	0	0.	0
15	2.07	53	.00	0	0.	0
16	.21	5	.00	0	0.	0
17	.41	10	.00	0	0.	0
18	.74	19	.00	0	0.	0
19	.45	11	.00	0	0.	0
20	.47	12	.00	0	0.	0
21	1.14	29	.00	0	0.	0
22	2.72	69	.00	0	0.	0
23	1.19	30	T	0	0.	0
24	1.49	38	.00	0	0.	0
25	1.70	43	.00	0	0.	0
26	1.57	40	T	0	0.	0
27	.32	8	.00	0	0.	0
28	.60	15	.00	0	0.	0
29	3.20	81	.00	0	0.	0
30	1.31	33	T	0	0.	0
31						
MONTH	3.20	81	T	T	0.	0

NOTES :
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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

21 - DAILY EXTREME AMOUNTS

093727 NEW RIVER, NC

 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986

MONTH : DEC

DAY	PRECIPITATION		SNOWFALL		SNOW DEPTH	
	INCHES	MM	INCHES	MM	INCHES	MM
1	1.55	39	0.00	0	0.	0
2	1.09	28	0.00	0	0.	0
3	1.52	39	T	1971	0.	0
4	.29	7	0.00	0	0.	0
5	.67	17	0.00	0	0.	0
6	2.11	54	0.00	0	0.	0
7	1.48	38	T	1968	0.	0
8	2.25	57	T	1976	0.	0
9	.46	12	0.00	0	0.	0
10	1.33	34	0.00	0	0.	0
11	2.21	56	T	1973	0.	0
12	1.95	50	T	1978	0.	0
13	.72	18	0.00	0	0.	0
14	1.01	26	0.00	0	0.	0
15	1.13	29	T	1968	0.	0
16	2.02	51	0.00	0	T	1968
17	1.18	30	T	1973	0.	0
18	.78	20	0.00	0	0.	0
19	.19	5	0.00	0	0.	0
20	.89	23	0.00	0	0.	0
21	.62	16	T	1977	0.	0
22	.68	17	0.00	0	0.	0
23	1.10	28	.20	5	0.	0
24	3.54	90	0.00	0	0.	0
25	.87	22	0.00	0	0.	0
26	1.63	41	0.00	0	0.	0
27	2.44	62	T	1980	0.	0
28	3.06	78	0.00	0	0.	0
29	1.06	27	2.70	69	0.	0
30	1.55	39	0.00	0	2.	51
31	1.42	36	0.00	0	0.	0
MONTH	3.54	90	2.70	69	2.	51

 NOTES :
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 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

23 - EXTREME VALUES

PRECIPITATION (INCHES)
(FROM DAILY OBS)

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1959	MISS	MISS	MISS	MISS	MISS	MISS	T	MISS	MISS	MISS	MISS	MISS	MISS
1960	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1961	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1962	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1963	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1964	1.44	1.78	.39	4.33	1.77	1.23	2.25	2.40	3.97	1.43	1.70	2.44	4.33
1965	.50	1.69	1.38	.51	2.20	2.51	1.98	.99	.45	1.40	.68	.24	2.51
1966	2.07	2.19	1.29	.57	.94	2.04	1.63	1.23	1.17	.51	.87	1.06	2.19
1967	.85	1.73	.40	1.76	.86	1.64	2.41	2.53	3.02	.80	.94	2.21	3.02
1968	1.04	.86	.62	.72	.86	.97	PART	1.31	1.27	1.73	1.63	.51	PART
1969	1.13	.58	1.64	1.21	1.22	2.48	2.26	2.98	.92	1.28	3.16	1.48	3.16
1970	.48	.96	1.45	.66	1.10	2.10	1.26	2.44	1.50	1.40	.50	2.02	2.44
1971	.81	1.23	.97	1.15	.65	2.53	1.10	1.98	2.45	1.70	.62	.50	2.53
1972	1.03	1.14	.67	.69	.91	1.69	1.42	.28	1.15	.65	1.31	1.06	1.69
1973	.62	1.34	.86	1.87	.92	2.06	2.15	2.00	1.02	.46	.45	2.25	2.25
1974	.59	.51	1.31	1.48	3.05	2.77	1.92	1.83	.68	.80	.74	1.55	3.05
1975	1.36	1.47	.74	.94	.45	2.60	2.21	3.43	1.91	2.67	.95	1.63	3.43
1976	.49	1.06	.92	.23	1.46	1.44	2.07	2.36	2.22	1.65	2.07	1.22	2.36
1977	1.03	1.44	1.27	.81	3.87	.99	3.45	1.32	2.55	2.36	1.99	1.55	3.87
1978	2.62	.44	2.39	2.37	.98	1.26	MISS	T	T	T	MISS	T	T
1979	2.08	1.10	1.00	1.61	2.41	1.42	4.65	1.55	6.15	.50	1.57	2.11	6.15
1980	.48	.64	1.91	.56	1.35	1.34	1.05	.82	1.59	.78	1.14	3.06	3.06
1981	.68	1.15	.54	.25	1.49	2.71	1.45	6.71	.91	.31	.50	1.01	6.71
1982	2.69	1.58	.92	1.37	.68	2.14	5.34	2.13	3.60	1.18	1.48	1.83	5.34
1983	1.65	1.64	1.60	.82	.41	.86	1.35	1.63	.64	1.50	1.49	1.95	1.95
1984	.61	4.16	1.65	1.62	2.61	1.55	2.35	.75	2.33	.76	2.81	.73	4.16
1985	.83	1.34	1.82	.42	1.03	.63	1.87	2.77	3.36	2.99	2.72	1.13	3.36
1986	.99	.52	2.60	.70	2.13	1.08	.84	PART	.50	1.06	1.05	1.09	PART

MEAN 1.13 1.33 1.23 1.16 1.45 1.74 2.05 1.97 1.89 1.21 1.38 1.42 3.38
 S.D. .669 .773 .597 .891 .885 .656 1.186 1.369 1.428 .752 .780 .758 1.372
 TOT OBS 23 23 23 23 23 23 22 22 23 23 23 23 20

NOTE :
 T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

23 - EXTREME VALUES

PRECIPITATION (INCHES)
(FROM DAILY OBS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986
LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
1968							2.04 30						
1986								4.45 30					

24 - EXTREME VALUES

SNOWFALL (INCHES)
(FROM DAILY OBS)

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1964	T	T	.0	.0	.0	.0	.0	.0	.0	.0	T	.0	T
1965	2.4	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
1966	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
1967	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2
1968	T	2.6	T	.0	.0	.0	PART	.0	.0	.0	T	T	PART
1969	1.4	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
1970	1.0	T	T	.0	.0	.0	.0	.0	.0	.0	T	2.7	2.7
1971	T	T	T	.0	.0	.0	.0	.0	.0	.0	.0	T	T
1972	.0	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1973	2.1	13.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	T	13.4
1974	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1975	.0	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1976	.3	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T	.3
1977	T	T	.0	.0	.0	.0	.0	.0	.0	.0	T	T	T
1978	T	1.0	1.0	.0	.0	.0	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	T	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
1980	T	2.8	19.1	.0	.0	.0	.0	.0	.0	.0	.0	T	19.1
1981	1.2	.0	.0	.0	T	.0	.0	.0	.0	.0	.0	.0	1.2
1982	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1983	T	T	.5	T	.0	.0	.0	.0	.0	.0	.0	.0	.5
1984	.0	T	.0	.0	.0	.0	.0	.0	T	.0	.0	.0	T
1985	T	.0	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
1986	T	T	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	T
MEAN	.4	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1
S.D.	.745	2.901	4.064	.000	.000	.000	.000	.000	.000	.000	.000	.589	4.980
TOT OBS	22	22	22	22	22	22	20	21	21	21	21	21	20

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

24 - EXTREME VALUES

SNOWFALL (INCHES)
(FROM DAILY OBS)

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL SNOWFALL # DAYS
1968							0 30						

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1965	4.	PART	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART
1966	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
1967	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1968	0.	T	0.	0.	0.	0.	PART	0.	0.	0.	0.	T	PART
1969	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
1970	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	2.
1971	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1972	0.	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
1973	4.	10.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.
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	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1977	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1978	0.	T	0.	0.	0.	0.	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1979	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
1980	0.	3.	20.	0.	0.	0.	0.	0.	0.	0.	0.	0.	20.
1981	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
1982	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
1983	0.	0.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
1984	0.	0.	0.	0.	0.	1.	0.	0.	0.	0.	0.	0.	1.
1985	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1986	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
MEAN	.8	.9	1.4	.0	.0	.1	.0	.0	.0	.0	.0	.1	3.1
S.D.	1.373	2.731	5.152	.000	.000	.258	.000	.000	.000	.000	.000	.535	5.992
TOT OBS	15	14	15	15	15	15	13	14	14	14	14	14	12

NOTE : T = TRACE AMOUNTS (LESS THAN .01, .1, OR 1.0 INCHES)

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

091727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL SNO DEPTH # DAYS	SNO DEPTH # DAYS
1965		4. 27												
1968														

0.
30

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1957	NNW 401	W 321	NE 281	PART1	W 441	NNW 351	NNW 281	NNW 301	ENE 301	N 241	S 321	WSW 361	PART
1958	N 301	NW 461	NNW 381	ENE 421	WSW 301	NW 381	SW 341	N 381	N 701	NNE 361	NW 401	SSW 341	N 70
1959	S 431	SW 401	S 461	W 341	SSW 371	N 421	SSW 331	N 391	ESE 401	SW 281	WSW 341	WSW 361	S 46
1960	S 381	S 501	NNW 361	WSW 461	WSW 291	SSW 301	PART1	SW 321	ESE 681	NNW 321	WSW 281	WSW 461	PART
1961	NNW 401	SSW 561	NNW 341	SE 401	N 321	SSW 461	PART1	S 291	NW 511	NNW 371	NW 301	SW 361	PART
1962	PART1	SW 421	N 381	PART1	PART1	ESE 471	SSW 271	PART1	NE 301	NNE 501	NNE 381	PART	PART
1963	NNW 531	SSW 441	PART1	PART1	PART1	PART1	PART1	PART1	WSW 331	MISS1	PART1	SW 371	PART
1964	WSW 451	SSW 491	W 441	SW 381	NNE 321	WSW 291	NNW 371	S 291	NNW 301	SW 351	SW 371	NW 421	SSW 49
1965	SW 361	SW 461	NW 401	W 351	S 511	W 351	NW 341	NE 251	W 271	SE 361	N 411	SW 351	S 51
1966	W 401	SW 521	NW 351	S 381	NE 341	NE 411	N 421	PART1	SE 271	NW 351	W 361	W 391	PART
1967	NW 421	NW 361	N 461	NE 361	W 411	SW 331	S 301	N 241	N 221	SW 311	NW 411	S 321	N 46
1968	E 291	N 261	SW 361	NE 351	PART1	E 241	PART1	NW 321	NE 211	NE 321	W 351	NW 411	PART
1969	MISS1	NW 321	W 331	SW 291	SW 281	NNE 381	SSW 361	N 251	MISS1	NNE 241	MISS1	MISS1	MISS
1970	MISS1	MISS1	MISS1	MISS1	WSW 251	MISS1	MISS1	MISS1	MISS1	PART1	W 291	W 311	MISS
1971	W 381	MISS1	SSW 401	W 341	W 381	N 461	SSW 331	E 321	N 461	PART1	NNW 391	NNW 421	PART
1972	MISS1	MISS1	MISS1	SSW 321	NNE 301	PART1	NNW 281	N 271	NNE 301	NNE 261	NNE 341	W 241	PART
1973	SSW 281	SSW 361	SSW 351	NNW 291	NNW 331	NNW 241	S 271	SSW 351	SE 241	NE 191	WSW 351	PART1	MISS
1974	MISS1	PART1	PART1	S 291	PART1	PART1	MISS1	PART1	PART1	S 221	W 291	S 291	PART
1975	SSW 361	S 321	PART1	PART1	PART1	PART1	PART1	PART1	PART1	PART1	PART1	PART1	MISS
1976	PART1	W 441	NW 421	PART1	SW 331	ENE 291	W 451	WSW 191	W 211	W 41	ESE 271	PART1	MISS
1977	W 311	S 261	PART1	SW 311	NNW 221	PART1	PART1	SSW 211	S 161	PART1	PART1	W 231	PART
1978	SSW 451	N 231	SSW 241	N 261	PART1	WSW 261	MISS1	SW 171	NE 211	W 351	W 261	SW 411	PART
1979	SSW 321	PART1	W 391	SW 381	WSW 331	SSW 351	W 261	W 291	SE 471	PART1	S 291	PART1	MISS
1980	S 301	NNW 421	W 371	S 301	PART1	NNW 341	W 241	NW 351	NNE 211	W 311	W 301	N 321	PART
1981	NNW 261	W 391	NNW 421	S 331	NNW 331	NNW 281	SW 281	NNW 271	WSW 241	SW 181	WSW 231	NNW 251	NNW 42
1982	W 351	NE 241	W 321	SW 371	N 231	NNW 541	SE 301	SSW 251	WSW 211	NNE 451	S 351	N 331	NNW 54
1983	NNW 321	NE 351	S 411	SE 311	SSW 281	NW 251	W 341	NNE 231	SW 271	SSW 261	W 411	NNW 371	S 41
1984	NW 311	WSW 371	SSW 451	S 301	SW 351	SSW 411	PART1	NNE 231	WSW 561	NNE 251	SW 291	PART1	MISS
1985	NNW 311	SE 361	PART1	SW 311	NNW 301	SSW 271	S 321	SE 231	NNW 431	NNE 231	NW 261	WSW 321	PART
1986	W 291	SE 391	S 351	W 341	E 291	NNW 371	SW 361	N 441	N 251	NNW 331	NNE 301	SE 321	N 44
MEAN	35.8	38.6	37.7	34.1	32.6	34.7	33.2	28.4	33.6	30.2	33.3	34.7	49.2
S.D.	6.703	8.790	5.515	4.708	6.563	7.924	6.144	6.449	15.058	6.825	6.176	5.835	8.843
TOT OBS	24	25	23	24	23	23	20	25	25	24	26	24	9

27 - EXTREME VALUES

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL PEAK GUST # DAYS
1957				W 40 29									
1960							WNW 42 30						PEAK GUST # DAYS
1961							SW 56 30						PEAK GUST # DAYS
1962	S 40 30			WSW 38 28	WNW 32 29	NW 53 29			N 28 29				PEAK GUST # DAYS
1963				SSW 43 30	NW 48 30	SW 41 24	NW 31 26	N 40 27			SW 50 28		PEAK GUST # DAYS
1966								W 42 25					PEAK GUST # DAYS
1968					W 30 30		WNW 28 30						PEAK GUST # DAYS
1970										N 27 22			PEAK GUST # DAYS
1971										WNW 29 30			PEAK GUST # DAYS
1972						WNW 40 23							PEAK GUST # DAYS
1973											ENE 35 30		PEAK GUST # DAYS
1974	SSW 42 19	SW 29 26		NW 44 30	E 25 26		SSW 29 21	N 20 23					PEAK GUST # DAYS
1975			S 37 30	WSW 38 22	W 35 30	W 28 29	ESE 24 27	E 20 30	S 38 28	SSW 40 29	SW 30 23	W 51 28	PEAK GUST # DAYS
1976	S 33 30			WNW 34 29							WNW 27 25		PEAK GUST # DAYS
1977										SSW 28 29	WNW 26 28		PEAK GUST # DAYS
1978					SSW 24 30								PEAK GUST # DAYS
1979		NW 28 30								NW 30 29		W 41 30	PEAK GUST # DAYS

1980	/	/	/	/	/	/	/	/	/	PEAK GUST # DAYS
1984	/	/	/	/	/	/	/	/	/	PEAK GUST # DAYS

NW 22\ 30

ENE 33\ 25

WSW 25\ 29

DAILY PEAK GUST (KNOTS)

(FROM DAILY OBS)

Q93727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

[illegible]

29 - DAILY AVERAGE/EXTREME TEMPERATURES

G93727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : JAN

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE				
DAY	AVERAGE		DATE	EXTREME		DATE	AVERAGE		DATE	EXTREME		
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C		DEG F	DEG C	
1	47.9	8.8		56.9	13.8	1985.+	39.0	3.9		21.0	-6.1	1977.+
2	45.1	7.3		54.5	12.5	1985.	35.7	2.1		20.0	-6.7	1963.
3	44.2	6.8		54.3	12.4	1966.	34.0	1.1		18.0	-7.8	1957.
4	44.8	7.1		54.6	12.6	1972.	35.1	1.7		18.0	-7.8	1979.
5	41.8	5.4		51.1	10.6	1971.	32.5	.3		17.0	-8.3	1981.+
6	43.7	6.5		54.7	12.6	1955.	32.7	.4		15.0	-9.4	1959.+
7	45.8	7.7		55.9	13.3	1982.	35.7	2.0		25.0	-3.9	1980.+
8	42.2	5.6		51.6	10.9	1965.	32.7	.4		19.0	-7.2	1970.+
9	41.8	5.5		52.2	11.2	1974.	31.5	-.3		11.0	-11.7	1970.
10	42.1	5.6		52.4	11.3	1974.	31.9	-.1		10.0	-12.2	1982.
11	41.4	5.2		51.3	10.7	1974.	31.5	-.3		8.0	-13.3	1982.
12	40.3	4.6		48.9	9.4	1963.	31.7	-.2		14.0	-10.0	1982.+
13	42.6	5.9		53.4	11.9	1972.+	31.9	-.1		11.0	-11.7	1981.
14	42.6	5.9		51.8	11.0	1972.	33.4	.8		20.0	-6.7	1964.
15	42.6	5.9		51.3	10.7	1960.	33.9	1.0		18.0	-7.8	1964.
16	40.5	4.7		51.0	10.6	1974.	30.1	-1.1		18.0	-7.8	1972.
17	40.6	4.8		51.8	11.0	1974.	29.5	-1.4		8.0	-13.3	1977.
18	42.6	5.9		52.5	11.4	1986.	32.6	.3		15.0	-9.4	1977.
19	42.1	5.6		51.3	10.7	1975.	32.9	.5		14.0	-10.0	1976.
20	42.0	5.5		52.8	11.6	1972.	31.1	-.5		8.0	-13.3	1985.
21	42.0	5.5		52.0	11.1	1974.	32.0	.0		.0	-17.8	1985.
22	44.1	6.7		54.8	12.6	1986.+	33.4	.8		11.0	-11.7	1970.
23	45.8	7.6		56.5	13.6	1974.	35.0	1.7		15.0	-9.4	1970.
24	46.1	7.8		57.0	13.9	1974.	35.2	1.8		17.0	-8.3	1963.
25	46.8	8.2		56.7	13.7	1962.	36.9	2.7		16.0	-8.9	1963.
26	47.1	8.4		57.5	14.2	1962.	36.6	2.6		23.0	-5.0	1985.+
27	46.2	7.9		56.0	13.3	1974.	36.4	2.4		18.0	-7.8	1985.
28	43.4	6.4		53.5	11.9	1974.	33.4	.8		15.0	-9.4	1986.
29	44.5	6.9		55.0	12.8	1975.	33.9	1.0		19.0	-7.2	1977.
30	44.2	6.8		54.7	12.6	1959.+	33.8	1.0		16.0	-8.9	1966.
31	43.3	6.3		53.3	11.9	1975.	32.3	.7		15.0	-9.4	1966.
MONTH	43.5	6.4		53.6	12.0	1975.+	33.5	.8		.0	-17.8	1985.

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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : FEB

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
DAY	AVERAGE		DATE	EXTREME		DATE	AVERAGE	
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C
1	44.8	7.1	55.9	13.3	76.0	24.4	1985.†	33.7
2	46.1	7.8	55.3	12.9	74.0	23.3	1986.	37.0
3	44.0	6.7	54.1	12.3	75.0	23.9	1986.†	33.9
4	43.4	6.3	53.4	11.9	79.0	26.1	1986.†	33.4
5	44.9	7.1	55.5	13.1	82.0	27.8	1986.	34.2
6	45.8	7.6	55.6	13.1	74.0	23.3	1956.	35.9
7	45.2	7.3	53.9	12.2	72.0	22.2	1986.	36.5
8	42.7	6.0	52.3	11.3	74.0	23.3	1965.	33.2
9	43.4	6.4	54.5	12.5	75.0	23.9	1957.	32.4
10	43.9	6.6	54.5	12.5	72.0	22.2	1965.†	33.3
11	46.2	7.9	58.5	14.7	78.0	25.6	1965.	33.9
12	44.3	6.8	55.4	13.0	77.0	25.0	1965.	33.2
13	43.8	6.5	54.0	12.2	76.0	24.4	1976.	33.5
14	45.4	7.5	56.9	13.8	76.0	24.4	1961.	34.0
15	47.4	8.5	59.2	15.1	73.0	22.8	1979.	35.5
16	47.5	8.6	58.3	14.6	79.0	26.1	1976.	36.7
17	46.9	8.3	56.4	13.6	82.0	27.8	1976.	37.5
18	47.8	8.7	58.0	14.4	80.0	26.7	1976.†	37.5
19	49.6	9.8	60.1	15.6	78.0	25.6	1961.	39.2
20	46.9	8.3	57.3	14.0	71.0	21.7	1984.†	36.5
21	46.9	8.3	58.6	14.8	76.0	24.4	1986.	35.2
22	48.4	9.1	58.9	15.0	75.0	23.9	1974.	38.0
23	49.3	9.6	59.7	15.4	83.0	28.3	1975.	38.9
24	52.3	11.3	63.3	17.4	86.0	30.0	1982.	41.3
25	49.7	9.8	60.3	15.7	74.0	23.3	1985.†	39.1
26	47.6	8.6	58.3	14.6	82.0	27.8	1977.	36.8
27	47.8	8.8	58.8	14.9	80.0	26.7	1962.	36.7
28	50.6	10.3	61.6	16.5	84.0	28.9	1962.	39.6
MONTH	46.5	8.1	57.1	13.9	86.0	30.0	1982.	35.9
								2.2
								13.0
								-10.6
								1965.

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

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : MAR

MEAN TEMPERATURE			MAXIMUM TEMPERATURE			MINIMUM TEMPERATURE		
AVERAGE			EXTREME			EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DATE
1	48.9	9.4	58.1	14.5	1976.	81.0	27.2	1976.
2	49.4	9.7	59.2	15.1	1976.	80.0	26.7	1976.
3	52.2	11.2	63.6	17.6	1976.	87.0	30.6	1976.
4	52.4	11.3	63.8	17.7	1976.+	85.0	29.4	1976.+
5	55.1	12.8	65.1	18.4	1985.+	83.0	28.3	1985.+
6	53.4	11.9	62.9	17.2	1961.	82.0	27.8	1961.
7	51.0	10.6	61.2	16.2	1974.	85.0	29.4	1974.
8	50.5	10.3	61.4	16.3	1974.	88.0	31.1	1974.
9	49.9	10.0	60.6	15.9	1974.	81.0	27.2	1974.
10	50.9	10.5	62.2	16.8	1974.	84.0	28.9	1974.
11	52.8	11.5	64.3	18.0	1986.	83.0	28.3	1986.
12	55.7	13.2	66.6	19.2	1985.	84.0	28.9	1985.
13	56.3	13.5	67.4	19.7	1982.	87.0	30.6	1982.
14	55.6	13.1	66.5	19.2	1985.	86.0	30.0	1985.
15	54.2	12.4	65.2	18.5	1967.	87.0	30.6	1967.
16	54.7	12.6	65.9	18.8	1955.	85.0	29.4	1955.
17	51.9	11.0	62.4	16.9	1982.	82.0	27.8	1982.
18	51.9	11.1	62.6	17.0	1963.	81.0	27.2	1963.
19	53.6	12.0	64.5	18.1	1974.	82.0	27.8	1974.
20	53.4	11.9	64.0	17.8	1976.+	78.0	25.6	1976.+
21	54.3	12.4	64.4	18.0	1982.+	86.0	30.0	1982.+
22	53.0	11.7	63.7	17.6	1966.	79.0	26.1	1966.
23	50.8	10.4	62.5	17.0	1966.	80.0	26.7	1966.
24	53.5	12.0	66.3	19.1	1975.	85.0	29.4	1975.
25	53.4	11.9	64.1	17.8	1959.	78.0	25.6	1959.
26	54.8	12.6	65.9	18.8	1976.+	80.0	26.7	1976.+
27	53.8	12.1	65.2	18.4	1986.	79.0	26.1	1986.
28	55.5	13.0	66.8	19.3	1985.	83.0	28.3	1985.
29	57.8	14.4	69.5	20.9	1985.	89.0	31.7	1985.
30	58.2	14.5	68.2	20.1	1985.	92.0	33.3	1985.
31	57.4	14.1	68.0	20.0	1986.	86.0	30.0	1986.
MONTH	53.4	11.9	64.3	17.9	1985.	92.0	33.3	1985.
						42.6	5.9	12.0
								-11.1
								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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

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	58.8	14.9		70.7	21.5		91.0	32.8	1974.		46.9	8.3	36.0	2.2	1966.
2	60.4	15.8		72.9	22.7		90.0	32.2	1978.		47.9	8.9	34.0	1.1	1964.*
3	61.2	16.2		72.9	22.7		89.0	31.7	1967.		49.5	9.7	32.0	.0	1972.
4	61.5	16.4		72.1	22.3		89.0	31.7	1963.		51.0	10.6	36.0	2.2	1962.
5	59.4	15.2		69.6	20.9		89.0	31.7	1986.		49.2	9.6	36.0	2.2	1962.
6	59.1	15.0		70.4	21.3		87.0	30.6	1986.		47.7	8.7	33.0	.6	1975.
7	59.4	15.2		70.8	21.6		93.0	33.9	1967.		47.9	8.9	30.0	-1.1	1982.
8	59.0	15.0		71.6	22.0		86.0	30.0	1978.		46.3	8.0	29.0	-1.7	1972.
9	59.0	15.0		69.7	20.9		89.0	31.7	1965.		48.4	9.1	26.0	-3.3	1972.
10	56.6	13.7		67.8	19.9		83.0	28.3	1967.		45.4	7.4	26.0	-3.3	1972.
11	58.3	14.6		70.4	21.3		85.0	29.4	1978.		46.3	7.9	34.0	1.1	1985.
12	60.4	15.8		73.0	22.8		88.0	31.1	1965.		47.9	8.8	32.0	.0	1973.
13	60.3	15.7		71.0	21.7		86.0	30.0	1977.*		49.5	9.7	35.0	1.7	1973.
14	60.8	16.0		71.8	22.1		88.0	31.1	1977.		49.8	9.9	34.0	1.1	1973.
15	62.3	16.9		72.7	22.6		92.0	33.3	1972.		52.0	11.1	35.0	1.7	1957.
16	61.1	16.2		72.6	22.5		91.0	32.8	1972.		49.6	9.8	30.0	-1.1	1962.
17	61.0	16.1		72.8	22.7		90.0	32.2	1976.		49.2	9.5	35.0	1.7	1962.
18	63.0	17.2		75.3	24.0		92.0	33.3	1976.		50.8	10.4	38.0	3.3	1962.*
19	64.2	17.9		75.8	24.4		91.0	32.8	1985.		52.6	11.5	36.0	2.2	1983.
20	64.5	18.0		75.8	24.3		89.0	31.7	1985.		53.2	11.8	32.0	.0	1983.
21	64.5	18.1		76.5	24.7		94.0	34.4	1985.		52.6	11.5	34.0	1.1	1961.
22	64.8	18.2		76.2	24.6		95.0	35.0	1985.		53.3	11.8	39.0	3.9	1983.
23	66.4	19.1		78.0	25.5		94.0	34.4	1985.		54.9	12.7	38.0	3.3	1986.
24	66.7	19.3		77.6	25.3		92.0	33.3	1976.		55.7	13.2	40.0	4.4	1982.
25	64.9	18.3		76.2	24.6		90.0	32.2	1960.		53.6	12.0	38.0	3.3	1969.
26	65.2	18.4		75.5	24.1		87.0	30.6	1985.		55.0	12.8	41.0	5.0	1974.
27	65.6	18.6		76.4	24.7		94.0	34.4	1985.		54.7	12.6	41.0	5.0	1972.*
28	65.4	18.6		75.5	24.2		89.0	31.7	1985.		55.3	13.0	40.0	4.4	1967.
29	65.4	18.6		75.7	24.3		89.0	31.7	1974.		55.1	12.8	37.0	2.8	1967.
30	65.3	18.5		76.1	24.5		89.0	31.7	1974.		54.4	12.5	40.0	4.4	1961.
MONTH	62.2	16.8		73.5	23.0		95.0	35.0	1985.		50.9	10.5	26.0	-3.3	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 DEP

29 - DAILY AVERAGE/EXTREME TEMPERATURES

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FI
MONTH : MAY

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE						
DAY	AVERAGE		DATE	AVERAGE		DATE	EXTREME		DATE	EXTREME				
	DEG F	DEG C		DEG F	DEG C		DEG F	DEG C						
1	66.3	19.0		76.7	24.8		94.0	34.4	1986.	55.9	13.3	40.0	4.4	1982.
2	65.8	18.8		76.9	24.9		87.0	30.6	1965.+	54.8	12.6	33.0	.6	1963.
3	65.8	18.8		76.4	24.7		94.0	34.4	1959.	55.3	12.9	39.0	3.9	1981.
4	65.5	18.6		76.6	24.8		87.0	30.6	1965.	54.4	12.5	37.0	2.8	1981.
5	65.0	18.3		76.5	24.7		89.0	31.7	1965.	53.5	11.9	42.0	5.6	1973.
6	66.9	19.4		79.3	26.3		91.0	32.8	1977.	54.5	12.5	40.0	4.4	1973.
7	68.3	20.2		79.8	26.5		94.0	34.4	1986.+	56.8	13.8	43.0	6.1	1970.
8	67.6	19.8		77.9	25.5		91.0	32.8	1986.	57.3	14.0	43.0	6.1	1981.
9	67.1	19.5		77.0	25.0		91.0	32.8	1963.	57.2	14.0	44.0	6.7	1956.
10	66.2	19.0		77.3	25.1		93.0	33.9	1963.	55.2	12.9	42.0	5.6	1980.+
11	68.6	20.4		80.5	26.9		93.0	33.9	1973.	56.8	13.8	40.0	4.4	1986.+
12	69.6	20.9		79.8	26.6		88.0	31.1	1982.+	59.3	15.2	44.0	6.7	1977.+
13	70.4	21.4		80.1	26.7		93.0	33.9	1982.+	60.8	16.0	50.0	10.0	1963.
14	71.0	21.7		81.3	27.4		96.0	35.6	1956.	60.7	16.0	50.0	10.0	1960.+
15	70.6	21.5		80.3	26.8		97.0	36.1	1962.	61.0	16.1	44.0	6.7	1959.
16	69.6	20.9		79.7	26.5		87.0	30.6	1975.+	59.5	15.3	45.0	7.2	1959.
17	69.3	20.7		80.2	26.8		91.0	32.8	1968.	58.4	14.7	42.0	5.6	1984.
18	71.0	21.7		81.5	27.5		95.0	35.0	1977.	60.5	15.8	44.0	6.7	1984.
19	71.7	22.1		82.5	28.1		98.0	36.7	1962.	60.9	16.1	45.0	7.2	1976.
20	72.3	22.4		81.5	27.5		94.0	34.4	1964.+	63.0	17.2	50.0	10.0	1976.
21	72.0	22.2		81.0	27.2		94.0	34.4	1962.	62.9	17.2	48.0	8.9	1968.
22	72.4	22.5		82.3	27.9		93.0	33.9	1960.	62.6	17.0	49.0	9.4	1981.
23	72.9	22.7		82.1	27.8		93.0	33.9	1956.	63.8	17.6	51.0	10.6	1968.
24	72.5	22.5		81.6	27.6		93.0	33.9	1975.	63.4	17.4	48.0	8.9	1963.
25	72.0	22.2		80.6	27.0		94.0	34.4	1960.	63.5	17.5	46.0	7.8	1967.
26	71.1	21.7		80.3	26.8		91.0	32.8	1955.	61.9	16.6	49.0	9.4	1979.
27	71.2	21.8		80.7	27.1		94.0	34.4	1975.	61.7	16.5	48.0	8.9	1961.
28	72.8	22.7		82.5	28.1		95.0	35.0	1967.	63.2	17.3	42.0	5.6	1961.
29	73.7	23.2		82.7	28.2		94.0	34.4	1967.	64.7	18.1	53.0	11.7	1961.
30	73.1	22.8		81.9	27.7		94.0	34.4	1982.	64.3	18.0	53.0	11.7	1984.
31	73.3	23.0		82.6	28.1		96.0	35.6	1981.	64.1	17.8	53.0	11.7	1984.+
MONTH	69.8	21.0		80.0	26.7		98.0	36.7	1962.	59.7	15.4	33.0	.6	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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUN

MEAN TEMPERATURE		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		DATE	EXTREME		DATE	EXTREME		DATE
AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE	AVERAGE		DEG F	DEG C		DEG F	DEG C	
DAY	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	73.9	23.3	83.8	28.8	99.0	37.2	1985.	64.0	17.8	50.0	10.0	1966.
2	74.2	23.4	84.0	28.9	100.0	37.8	1985.	64.4	18.0	45.0	7.2	1966.
3	73.9	23.3	82.9	28.3	95.0	35.0	1985.	64.8	18.2	54.0	12.2	1967.
4	73.6	23.1	83.1	28.4	94.0	34.4	1985.	64.1	17.8	54.0	12.2	1955.
5	74.2	23.4	84.2	29.0	95.0	35.0	1975.	64.1	17.8	51.0	10.6	1958.
6	75.4	24.1	84.7	29.3	95.0	35.0	1955.	66.0	18.9	52.0	11.1	1976.
7	75.1	24.0	83.8	28.8	95.0	35.0	1975.	66.5	19.1	58.0	14.4	1977.
8	75.8	24.3	85.2	29.6	96.0	35.6	1986.	66.3	19.1	50.0	10.0	1977.
9	76.3	24.6	85.5	29.7	96.0	35.6	1985.	67.0	19.4	58.0	14.4	1975.
10	76.1	24.5	85.1	29.5	99.0	37.2	1985.	67.1	19.5	55.0	12.8	1960.
11	74.9	23.8	84.4	29.1	98.0	36.7	1963.	65.5	18.6	51.0	10.6	1960.
12	75.8	24.3	84.9	29.4	94.0	34.4	1986.	66.8	19.3	52.0	11.1	1972.
13	77.0	25.0	86.6	30.3	96.0	35.6	1986.	67.5	19.7	55.0	12.8	1979.
14	76.4	24.6	86.0	30.0	99.0	37.2	1981.	66.7	19.3	53.0	11.7	1959.
15	76.5	24.7	85.9	29.9	100.0	37.8	1981.	67.0	19.4	53.0	11.7	1959.
16	76.4	24.6	84.6	29.2	101.0	38.3	1981.	68.2	20.1	56.0	13.3	1961.
17	76.1	24.5	83.9	28.8	95.0	35.0	1986.	68.3	20.2	57.0	13.9	1961.
18	75.8	24.3	84.2	29.0	95.0	35.0	1984.	67.4	19.7	50.0	10.0	1961.
19	76.8	24.9	85.7	29.8	97.0	36.1	1984.	67.9	19.9	53.0	11.7	1959.
20	77.8	25.4	86.9	30.5	94.0	34.4	1975.	68.7	20.4	57.0	13.9	1979.
21	77.5	25.3	85.7	29.8	98.0	36.7	1981.	69.3	20.7	54.0	12.2	1979.
22	77.0	25.0	85.7	29.8	100.0	37.8	1981.	68.3	20.2	58.0	14.4	1966.
23	77.3	25.2	86.5	30.3	98.0	36.7	1974.	68.1	20.1	58.0	14.4	1972.
24	77.5	25.3	86.6	30.3	95.0	35.0	1960.	68.3	20.2	59.0	15.0	1972.
25	77.9	25.5	86.5	30.3	98.0	36.7	1981.	69.2	20.7	59.0	15.0	1979.
26	77.5	25.3	85.3	29.6	98.0	36.7	1968.	69.7	20.9	56.0	13.3	1979.
27	77.4	25.2	85.5	29.7	96.0	35.6	1956.	69.3	20.7	61.0	16.1	1985.
28	77.5	25.3	86.3	30.2	99.0	37.2	1978.	68.7	20.4	60.0	15.6	1985.
29	78.2	25.7	87.3	30.7	100.0	37.8	1959.	69.2	20.7	56.0	13.3	1970.
30	78.4	25.8	87.5	30.8	100.0	37.8	1959.	69.4	20.8	57.0	13.9	1981.
MONTH	76.3	24.6	85.3	29.6	101.0	38.3	1981.	67.3	19.6	45.0	7.2	1966.

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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : JUL

MEAN TEMPERATURE		MAXIMUM TEMPERATURE		MINIMUM TEMPERATURE		EXTREME		EXTREME		EXTREME	
AVERAGE		AVERAGE		AVERAGE		DEG F		DEG F		DEG F	
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DATE
1	79.1	26.2	88.4	31.4	97.0	36.1	1977.	69.9	21.0	61.0	16.1 1958.
2	79.2	26.2	88.4	31.3	95.0	35.0	1956.	69.9	21.1	54.0	12.2 1975.
3	79.4	26.3	88.2	31.2	96.0	35.6	1972.	70.7	21.5	61.0	16.1 1975.
4	79.3	26.3	87.7	30.9	95.0	35.0	1955.	70.8	21.6	62.0	16.7 1979.
5	78.7	25.9	87.4	30.8	96.0	35.6	1980.+	70.0	21.1	59.0	15.0 1963.
6	78.8	26.0	87.0	30.6	99.0	37.2	1977.	70.5	21.4	60.0	15.6 1964.
7	79.0	26.1	86.9	30.5	101.0	38.3	1977.	71.1	21.7	61.0	16.1 1964.
8	79.2	26.2	87.9	31.1	100.0	37.8	1977.	70.5	21.4	58.0	14.4 1979.+
9	79.6	26.5	88.1	31.2	100.0	37.8	1977.	71.2	21.8	61.0	16.1 1984.
10	79.8	26.5	88.3	31.3	100.0	37.8	1985.	71.2	21.8	61.0	16.1 1963.
11	79.6	26.4	88.1	31.2	96.0	35.6	1981.	71.0	21.7	58.0	14.4 1963.
12	80.1	26.7	88.1	31.2	97.0	36.1	1986.+	72.2	22.3	61.0	16.1 1963.
13	80.3	26.9	88.7	31.5	97.0	36.1	1986.	72.0	22.2	59.0	15.0 1974.
14	80.7	27.1	89.3	31.9	98.0	36.7	1983.	72.1	22.3	59.0	15.0 1974.
15	80.8	27.1	88.9	31.6	100.0	37.8	1976.	72.8	22.6	66.0	18.9 1980.
16	81.0	27.2	89.6	32.0	101.0	38.3	1983.	72.4	22.5	68.0	20.0 1974.+
17	80.2	26.8	88.2	31.2	99.0	37.2	1983.	72.2	22.4	64.0	17.8 1967.
18	80.5	27.0	88.9	31.6	99.0	37.2	1983.	72.2	22.3	66.0	18.9 1962.
19	80.4	26.9	88.7	31.5	97.0	36.1	1986.+	72.2	22.3	62.0	16.7 1970.
20	81.1	27.3	89.5	32.0	101.0	38.3	1977.	72.6	22.6	66.0	18.9 1976.
21	80.3	26.8	88.3	31.3	98.0	36.7	1983.+	72.3	22.4	62.0	16.7 1974.
22	80.0	26.7	88.8	31.5	97.0	36.1	1981.	71.2	21.8	59.0	15.0 1974.+
23	80.1	26.7	88.7	31.5	94.0	34.4	1972.+	71.6	22.0	60.0	15.6 1974.
24	80.3	26.8	88.5	31.4	96.0	35.6	1983.+	72.1	22.3	65.0	18.3 1977.+
25	80.2	26.8	87.5	30.8	95.0	35.0	1961.	72.8	22.7	68.0	20.0 1973.+
26	80.4	26.9	88.5	31.4	97.0	36.1	1968.	72.4	22.4	64.0	17.8 1957.
27	80.6	27.0	88.8	31.6	99.0	37.2	1981.	72.5	22.5	63.0	17.2 1962.
28	80.6	27.0	89.7	31.5	98.0	36.7	1981.	72.5	22.5	63.0	17.2 1962.
29	80.3	26.8	88.5	31.4	95.0	35.0	1981.+	72.0	22.2	66.0	18.9 1963.
30	80.3	26.8	88.3	31.3	96.0	35.6	1976.+	72.3	22.4	65.0	18.3 1966.
31	80.0	26.7	87.9	31.1	96.0	35.6	1980.	72.1	22.3	64.0	17.8 1966.
MONTH	80.0	26.7	88.3	31.3	101.0	38.3	1983.+	71.6	22.0	54.0	12.2 1975.

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

Q91727 NEW RIVER, NC. LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 PERIOD OF RECORD : 1955-1986 MONTH : AUG

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DAY	DEG F	DEG C	DAY	DEG F	DEG C	DAY	DEG F	DEG C
1	80.6	27.0	88.7	31.5	100.0	37.8	1980.	72.4	22.5	62.0	16.7
2	80.5	26.9	88.8	31.6	95.0	35.0	1970.+	72.1	22.3	61.0	16.1
3	80.3	26.9	88.2	31.2	99.0	37.2	1980.	72.5	22.5	64.0	17.8
4	80.5	26.9	88.9	31.6	97.0	36.1	1958.	72.1	22.3	62.0	16.7
5	80.0	26.7	87.8	31.0	96.0	35.6	1981.	72.3	22.4	65.0	18.3
6	80.3	26.8	88.6	31.4	100.0	37.8	1956.	71.9	22.2	57.0	13.9
7	80.0	26.7	88.8	31.5	101.0	38.3	1968.	71.2	21.8	57.0	13.9
8	81.0	27.2	89.6	32.0	96.0	35.6	1984.+	72.4	22.4	60.0	15.6
9	81.4	27.4	89.9	32.2	98.0	36.7	1960.	72.9	22.7	63.0	17.2
10	80.5	27.0	88.6	31.5	95.0	35.0	1980.+	72.4	22.5	66.0	18.9
11	79.8	26.5	87.7	30.9	95.0	35.0	1983.+	71.9	22.2	63.0	17.2
12	78.8	26.0	86.7	30.4	96.0	35.6	1980.+	71.0	21.7	58.0	14.4
13	79.3	26.3	86.9	30.5	95.0	35.0	1985.	71.6	22.0	62.0	16.7
14	79.7	26.5	88.2	31.2	96.0	35.6	1973.	71.2	21.8	60.0	15.6
15	79.9	26.6	88.5	31.4	97.0	36.1	1968.	71.4	21.9	62.0	16.7
16	79.4	26.3	87.4	30.8	94.0	34.4	1981.+	71.5	21.9	60.0	15.6
17	78.9	26.1	87.3	30.7	96.0	35.6	1975.	70.6	21.5	56.0	13.3
18	79.3	26.3	87.7	31.0	97.0	36.1	1968.	70.9	21.6	58.0	14.4
19	79.2	26.2	87.3	30.7	97.0	36.1	1983.	71.1	21.7	63.0	17.2
20	80.0	26.6	88.2	31.2	99.0	37.2	1983.	71.8	22.1	66.0	18.9
21	79.1	26.2	87.5	30.8	100.0	37.8	1983.	70.7	21.5	63.0	17.2
22	78.6	25.9	86.5	30.3	100.0	37.8	1983.	70.7	21.5	62.0	16.7
23	79.0	26.1	87.0	30.5	96.0	35.6	1968.	71.1	21.7	62.0	16.7
24	78.3	25.7	86.2	30.1	95.0	35.0	1968.	70.3	21.3	61.0	16.1
25	77.6	25.4	85.0	29.5	94.0	34.4	1982.+	70.3	21.2	61.0	16.1
26	77.5	25.3	85.6	29.8	92.0	33.3	1985.+	69.4	20.8	60.0	15.6
27	77.6	25.4	85.9	29.9	95.0	35.0	1965.	69.4	20.8	59.0	15.0
28	78.0	25.6	86.4	30.2	92.0	33.3	1974.	69.6	20.9	56.0	13.3
29	77.5	25.3	86.1	30.1	92.0	33.3	1978.+	69.0	20.6	56.0	13.3
30	78.0	25.6	87.1	30.6	94.0	34.4	1970.+	68.9	20.5	55.0	12.8
31	78.4	25.8	86.7	30.4	97.0	36.1	1956.	70.1	21.1	61.0	16.1
MONTH	79.3	26.3	87.5	30.9	101.0	38.3	1968.	71.1	21.7	55.0	12.8

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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

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	77.9	25.5		86.3	30.1		93.0	33.9	1980.+	69.6	20.9		62.0	16.7	1967.
2	77.7	25.4		85.6	29.8		95.0	35.0	1980.	69.8	21.0		54.0	12.2	1967.
3	78.2	25.7		86.8	30.5		96.0	35.6	1980.	69.8	20.9		54.0	12.2	1967.
4	77.6	25.4		86.4	30.2		94.0	34.4	1985.	68.8	20.5		59.0	15.0	1967.
5	77.6	25.3		85.5	29.7		96.0	35.6	1983.	69.6	20.9		62.0	16.7	1984.
6	76.7	24.8		84.7	29.3		95.0	35.0	1983.	68.7	20.4		56.0	13.3	1984.
7	76.6	24.8		85.6	29.8		97.0	36.1	1983.	67.5	19.7		57.0	13.9	1982.
8	75.7	24.3		84.5	29.1		97.0	36.1	1985.	66.9	19.4		55.0	12.8	1965.
9	75.3	24.1		84.1	28.9		94.0	34.4	1985.	66.6	19.2		54.0	12.2	1966.
10	75.7	24.3		84.7	29.3		95.0	35.0	1983.	66.8	19.3		56.0	13.3	1963.
11	75.7	24.3		84.7	29.3		97.0	36.1	1983.	66.7	19.3		55.0	12.8	1976.
12	74.7	23.7		83.5	28.6		94.0	34.4	1983.	65.9	18.9		55.0	12.8	1976.
13	74.2	23.5		83.4	28.5		95.0	35.0	1981.	65.1	18.4		55.0	12.8	1985.
14	74.1	23.4		83.0	28.3		93.0	33.9	1956.	65.3	18.5		49.0	9.4	1985.
15	74.3	23.5		83.5	28.6		95.0	35.0	1956.	65.0	18.4		53.0	11.7	1985.
16	73.4	23.0		81.8	27.7		90.0	32.2	1978.	65.0	18.4		54.0	12.2	1966.
17	73.4	23.0		81.6	27.6		93.0	33.9	1978.	65.2	18.4		51.0	10.6	1966.
18	74.1	23.4		82.7	28.1		95.0	35.0	1978.	65.6	18.7		54.0	12.2	1986.
19	74.1	23.4		83.0	28.4		95.0	35.0	1978.	65.1	18.4		51.0	10.6	1959.
20	73.5	23.1		82.5	28.0		91.0	32.8	1977.	64.5	18.1		52.0	11.1	1984.
21	74.5	23.6		83.0	28.3		90.0	32.2	1986.+	65.9	18.9		46.0	7.8	1962.
22	73.0	22.8		81.9	27.7		92.0	33.3	1955.	64.2	17.9		50.0	10.0	1983.
23	71.6	22.0		81.3	27.4		95.0	35.0	1980.	61.9	16.6		47.0	8.3	1983.
24	71.5	21.9		81.7	27.6		93.0	33.9	1961.	61.2	16.2		44.0	6.7	1981.
25	71.9	22.2		81.4	27.5		93.0	33.9	1986.	62.3	16.8		46.0	7.8	1981.
26	72.7	22.6		82.6	28.1		94.0	34.4	1986.	62.9	17.2		50.0	10.0	1981.
27	72.1	22.3		81.3	27.4		94.0	34.4	1986.	62.9	17.2		54.0	12.2	1978.
28	71.3	21.8		79.8	26.5		88.0	31.1	1973.	62.8	17.1		50.0	10.0	1962.
29	70.4	21.4		78.1	25.6		89.0	31.7	1973.+	62.8	17.1		50.0	10.0	1970.
30	70.6	21.4		79.5	26.4		91.0	32.8	1986.	61.7	16.5		46.0	7.8	1970.
MONTH	74.3	23.5		83.1	28.4		97.0	36.1	1985.+	65.5	18.6		44.0	6.7	1981.

Y = 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

093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE					
DAY	AVERAGE		DATE	AVERAGE		EXTREME	DATE	AVERAGE		EXTREME	DATE		
	DEG F	DEG C		DEG F	DEG C			DEG F	DEG C				
1	71.0	21.6		79.7	26.5	92.0	33.3	1986.	62.2	16.8	45.0	7.2	1967..*
2	69.8	21.0		78.2	25.7	93.0	33.9	1986.	61.3	16.3	44.0	6.7	1974.
3	68.7	20.4		78.5	25.9	92.0	33.3	1986.	58.8	14.9	37.0	2.8	1974.
4	67.9	19.9		77.4	25.2	95.0	35.0	1986.	58.4	14.6	35.0	1.7	1974.
5	68.1	20.1		78.7	26.0	95.0	35.0	1986.	57.5	14.2	34.0	1.1	1974.
6	67.1	19.5		77.8	25.4	90.0	32.2	1981.	56.5	13.6	43.0	6.1	1965.
7	67.0	19.4		76.7	24.8	85.0	29.4	1962.*	57.3	14.1	43.0	6.1	1980.
8	67.1	19.5		77.1	25.1	89.0	31.7	1962.	57.1	14.0	42.0	5.6	1978.
9	68.2	20.1		78.5	25.9	84.0	28.9	1980.*	57.8	14.3	40.0	4.4	1978.
10	66.3	19.1		75.8	24.4	88.0	31.1	1959.	56.8	13.8	43.0	6.1	1978.*
11	64.6	18.1		74.7	23.7	85.0	29.4	1980.	54.4	12.5	40.0	4.4	1979.
12	65.3	18.5		76.5	24.7	85.0	29.4	1962.	54.2	12.3	41.0	5.0	1964.
13	65.5	18.6		76.4	24.7	88.0	31.1	1962.	54.7	12.6	36.0	2.2	1958.
14	66.8	19.3		77.3	25.1	88.0	31.1	1975.	56.3	13.5	39.0	3.9	1980.
15	65.0	18.4		75.5	24.2	90.0	32.2	1975.	54.5	12.5	36.0	2.2	1979.
16	65.5	18.6		76.2	24.5	88.0	31.1	1975.	54.8	12.6	40.0	4.4	1978.
17	64.6	18.1		74.3	23.5	87.0	30.6	1972.	54.9	12.7	38.0	3.3	1982.*
18	63.9	17.7		74.4	23.5	85.0	29.4	1981.	53.5	11.9	36.0	2.2	1982.
19	63.5	17.5		74.1	23.4	85.0	29.4	1964.	52.8	11.6	38.0	3.3	1981.*
20	61.4	16.3		71.4	21.9	89.0	31.7	1984.	51.3	10.7	32.0	.0	1981.*
21	61.6	16.4		72.5	22.5	86.0	30.0	1984.	50.7	10.4	32.0	.0	1974.
22	63.2	17.3		73.4	23.0	84.0	28.9	1984.	53.0	11.6	28.0	-2.2	1974.
23	64.3	17.9		74.1	23.4	86.0	30.0	1984.	54.4	12.5	34.0	1.1	1974.
24	63.0	17.2		72.8	22.7	85.0	29.4	1985.*	53.3	11.8	36.0	2.2	1969.
25	61.2	16.2		70.5	21.4	85.0	29.4	1984.	52.0	11.1	34.0	1.1	1964.*
26	60.3	15.7		70.3	21.3	86.0	30.0	1981.	50.2	10.1	32.0	.0	1962.
27	59.7	15.4		70.0	21.1	85.0	29.4	1984.	49.5	9.7	28.0	-4.4	1962.
28	60.3	15.7		71.1	21.7	87.0	30.6	1984.	49.5	9.7	24.0	-2.2	1962.
29	59.3	15.2		69.0	20.6	85.0	29.4	1984.	49.5	9.7	31.0	-6	1957.
30	59.5	15.3		69.2	20.7	82.0	27.8	1974.*	49.7	9.8	29.0	-1.7	1965.
31	60.7	15.9		70.6	21.5	85.0	29.4	1961.	50.8	10.4	32.0	.0	1968.*
MONTH	64.5	18.1		74.6	23.7	95.0	35.0	1986.*	54.4	12.5	24.0	-4.4	1962.

NOTES :
 T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
 + = VALUE OCCURRED IN PREVIOUS YEAR(S).
 THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEP

29 - DAILY AVERAGE/EXTREME TEMPERATURES

Q93727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : NOV

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG F	DEG C	DEG F	DEG C
1	62.1	16.7	72.1	22.3	82.0	27.8	1974.	52.2	11.2	36.0	2.2
2	62.8	17.1	73.0	22.8	87.0	30.6	1974.	52.7	11.5	35.0	1.7
3	61.8	16.5	71.9	22.2	87.0	30.6	1972.	51.7	10.9	32.0	.0
4	59.0	15.0	69.2	20.7	83.0	28.3	1974.	48.8	9.3	29.0	-1.7
5	58.4	14.7	68.6	20.3	87.0	30.6	1974.	48.2	9.0	31.0	-6
6	56.9	13.8	67.7	19.8	82.0	27.8	1975.	46.1	7.8	31.0	-6
7	55.4	13.0	67.0	19.4	86.0	30.0	1975.	43.8	6.6	28.0	-2.2
8	55.0	12.8	66.7	19.3	84.0	28.9	1986.	43.3	6.3	24.0	-4.4
9	55.8	13.2	67.5	19.7	84.0	28.9	1986.	44.1	6.7	23.0	-5.0
10	58.1	14.5	68.2	20.1	84.0	28.9	1975.	44.0	8.9	29.0	-1.7
11	56.3	13.5	66.6	19.2	82.0	27.8	1985.	46.0	7.8	26.0	-3.3
12	55.5	13.1	65.4	18.5	80.0	26.7	1975.	45.7	7.6	27.0	-2.8
13	54.0	12.2	64.5	18.1	81.0	27.2	1985.	43.4	6.3	29.0	-1.7
14	54.5	12.5	66.3	19.1	83.0	28.3	1985.	42.8	6.0	25.0	-3.9
15	55.0	12.8	66.6	19.2	82.0	27.8	1973.	43.4	6.3	29.0	-1.7
16	56.0	13.3	67.1	19.5	83.0	28.3	1955.	44.9	7.2	25.0	-3.9
17	56.9	13.8	68.5	20.3	80.0	26.7	1985.	45.2	7.3	23.0	-5.0
18	56.2	13.5	67.0	19.4	82.0	27.8	1958.	45.5	7.5	28.0	-2.2
19	56.0	13.3	67.8	19.9	82.0	27.8	1985.	44.2	6.8	26.0	-3.3
20	53.4	11.9	64.8	18.2	82.0	27.8	1985.	42.0	5.6	29.0	-1.7
21	53.3	11.8	64.8	18.2	79.0	26.1	1985.	41.7	5.4	26.0	-3.3
22	51.3	10.7	63.5	17.5	75.0	23.9	1983.	39.0	3.9	27.0	-2.8
23	51.1	10.6	62.3	16.8	77.0	25.0	1982.	40.0	4.4	25.0	-3.9
24	54.3	12.4	65.0	18.3	79.0	26.1	1983.	43.7	6.5	23.0	-5.0
25	51.3	10.7	61.9	16.6	89.0	31.7	1973.	40.8	4.9	19.0	-7.2
26	51.9	11.1	64.2	17.9	82.0	27.8	1973.	39.6	4.2	27.0	-2.8
27	55.6	13.1	67.3	19.6	85.0	29.4	1973.	43.9	6.6	24.0	-4.4
28	56.8	13.8	67.8	19.9	82.0	27.8	1985.	45.8	7.7	24.0	-4.4
29	53.1	11.7	63.1	17.3	80.0	26.7	1968.	43.1	6.1	24.0	-4.4
30	47.8	8.8	58.0	14.5	76.0	24.4	1970.	37.6	3.1	24.0	-4.4
MONTH	55.5	13.1	66.5	19.2	89.0	31.7	1973.	44.6	7.0	19.0	-7.2

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

091727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
 MONTH : DEC

MEAN TEMPERATURE				MAXIMUM TEMPERATURE				MINIMUM TEMPERATURE			
AVERAGE		AVERAGE		AVERAGE		EXTREME		AVERAGE		EXTREME	
DAY	DEG F	DEG C		DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C
1	48.0	8.9	58.1	14.5	81.0	27.2	1982.	37.8	3.2	23.0	-5.0
2	49.4	9.7	61.5	16.4	80.0	26.7	1970.	37.3	2.9	22.0	-5.6
3	50.7	10.4	61.8	16.6	77.0	25.0	1970.+	39.5	4.2	19.0	-7.2
4	51.0	10.5	61.9	16.6	80.0	26.7	1978.+	40.1	4.5	22.0	-5.6
5	50.5	10.3	62.4	16.9	78.0	25.6	1982.	38.7	3.7	21.0	-6.1
6	50.0	10.0	61.9	16.6	74.0	23.3	1983.+	38.2	3.5	26.0	-3.3
7	48.8	9.3	59.9	15.5	79.0	26.1	1980.	37.7	3.2	23.0	-5.0
8	49.8	9.9	60.8	16.0	78.0	25.6	1980.+	38.7	3.7	19.0	-7.2
9	49.0	9.5	60.5	15.8	79.0	26.1	1980.+	37.6	3.1	20.0	-6.7
10	47.8	8.8	58.6	14.8	77.0	25.0	1971.	37.0	2.8	22.0	-5.6
11	48.3	9.1	59.5	15.3	75.0	23.9	1985.	37.2	2.9	19.0	-7.2
12	49.4	9.7	58.6	14.8	78.0	25.6	1961.	40.2	4.6	14.0	-10.0
13	49.1	9.5	59.3	15.2	79.0	26.1	1956.	39.0	3.9	10.0	-12.2
14	47.7	8.7	59.7	15.4	78.0	25.6	1956.	35.6	2.0	16.0	-8.9
15	47.6	8.6	58.4	14.7	79.0	26.1	1971.	36.7	2.6	14.0	-10.0
16	48.7	9.3	58.8	14.9	82.0	27.8	1971.	38.6	3.7	20.0	-6.7
17	46.7	8.2	57.9	14.4	78.0	25.6	1956.	35.5	2.0	19.0	-7.2
18	45.6	7.6	56.5	13.6	74.0	23.3	1984.+	34.8	1.5	20.0	-6.7
19	45.8	7.7	57.3	14.0	79.0	26.1	1967.	34.3	1.3	18.0	-7.8
20	48.1	9.0	57.9	14.4	72.0	22.2	1984.	38.4	3.6	17.0	-8.3
21	45.2	7.3	55.3	13.0	76.0	24.4	1971.	35.0	1.6	14.0	-10.0
22	44.9	7.2	55.7	13.2	77.0	25.0	1967.	34.1	1.1	19.0	-7.2
23	46.8	8.2	57.9	14.4	82.0	27.8	1981.	35.6	2.0	22.0	-5.6
24	48.0	8.9	58.6	14.8	74.0	23.3	1964.	37.4	3.0	13.0	-10.6
25	47.2	8.4	57.3	14.0	76.0	24.4	1974.	37.1	2.8	11.0	-11.7
26	45.4	7.4	55.0	13.3	80.0	26.7	1955.	34.7	1.5	10.0	-12.2
27	44.7	7.0	54.2	12.3	71.0	21.7	1982.	35.1	1.7	20.0	-6.7
28	48.0	8.9	58.2	14.5	75.0	23.9	1982.	37.8	3.2	20.0	-6.7
29	46.5	8.0	57.3	14.0	78.0	25.6	1984.+	35.7	2.1	19.0	-7.2
30	45.5	7.5	55.7	13.2	79.0	26.1	1984.	35.4	1.9	20.0	-6.7
31	47.2	8.4	57.2	14.0	76.0	24.4	1973.	37.2	2.9	19.0	-7.2
MONTH	47.8	8.8	58.5	14.7	82.0	27.8	1981.+	37.0	2.8	10.0	-12.2

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

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)D93727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1955	74	PART	85	PART	PART	PART	PART	PART	PART	PART	83	PART	MISS
1956	PART	PART	85	PART	PART	PART	PART	PART	PART	PART	81	PART	MISS
1957	79	PART	PART	88	PART	PART	PART	97	92	79	79	PART	MISS
1958	64	PART	77	90	87	PART	95	97	PART	84	PART	PART	MISS
1959	PART	PART	PART	PART	PART	PART	93	PART	PART	PART	PART	PART	MISS
1960	PART	73	80	PART	94	95	PART	98	MISS	86	78	72	PART
1961	67	PART	83	89	84	92	PART	94	94	85	83	PART	MISS
1962	PART	84	76	88	98	90	96	PART	90	89	PART	70	PART
1963	PART	72	81	PART	93	PART	94	PART	88	PART	77	66	PART
1964	69	66	80	88	94	97	91	94	90	85	80	75	97
1965	75	78	79	PART	91	91	90	95	91	81	72	72	PART
1966	75	73	80	84	86	95	95	92	93	87	79	76	95
1967	74	72	87	93	95	92	93	90	87	85	75	79	95
1968	69	71	86	88	91	98	PART	101	88	88	82	70	PART
1969	73	76	71	81	90	95	98	93	88	84	78	74	98
1970	76	72	77	89	92	97	92	96	91	84	76	80	97
1971	75	74	74	86	87	92	92	91	87	83	61	82	92
1972	76	71	75	92	83	90	96	97	92	87	87	79	97
1973	70	66	86	82	93	91	92	96	94	89	89	79	96
1974	81	75	88	91	93	98	92	92	89	84	67	76	98
1975	81	83	85	85	94	95	92	96	92	90	86	74	96
1976	71	82	87	92	88	94	100	91	88	84	73	69	100
1977	66	82	84	88	95	97	101	96	93	89	83	75	101
1978	69	71	80	90	94	99	MISS	94	95	82	81	80	PART
1979	69	73	82	84	84	89	92	95	87	83	80	73	95
1980	69	79	75	92	91	96	96	100	96	85	81	79	100
1981	73	71	85	87	96	101	99	96	95	91	80	82	101
1982	77	86	87	82	94	93	95	94	91	85	79	75	95
1983	66	70	80	85	88	95	101	100	97	88	81	81	101
1984	66	75	83	91	91	97	94	96	92	89	81	79	97
1985	78	80	92	95	92	100	100	95	97	89	83	76	100
1986	75	82	86	89	94	96	98	94	94	95	84	77	98

MEAN 72.5 75.3 81.9 88.0 91.1 94.8 95.1 95.2 91.5 86.1 80.9 75.8 97.4

S.D. 4.767 5.489 4.911 3.616 3.904 3.238 3.316 2.746 3.105 3.388 3.632 4.227 2.481

TOT OBS 27 26 30 26 28 26 25 27 27 28 29 26 20

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)091727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
1955		80. 24		88. 25	91. 30	96. 28	97. 29	96. 28	92. 24	89. 28		80. 30	
1956	73. 23	80. 26		88. 28	96. 29	96. 24	96. 23	100. 30	95. 23	85. 26		79. 29	MAX TEMP # DAYS
1957		79. 22	75. 23		92. 29	95. 28	96. 23					73. 29	MAX TEMP # DAYS
1958		74. 25				97. 28			92. 28		82. 23	70. 21	MAX TEMP # DAYS
1959	73. 22	70. 24	79. 28	87. 27	94. 27	100. 28		94. 28	93. 28	90. 27	80. 22	72. 25	MAX TEMP # DAYS
1960	73. 27			90. 27			94. 30						MAX TEMP # DAYS
1961		78. 27					96. 30					78. 30	MAX TEMP # DAYS
1962	76. 30							92. 30			78. 29		MAX TEMP # DAYS
1963	75. 30			89. 28		98. 28		94. 30		82. 30			MAX TEMP # DAYS
1965				89. 29									MAX TEMP # DAYS
1968							97. 30						MAX TEMP # DAYS

31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

093727 NEW RIVER, NC
 PERIOD OF RECORD : 1955-1986
 LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
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YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1955	20	PART	26	PART	PART	PART	PART	PART	PART	PART	26	PART	MISS
1956	PART	PART	27	PART	PART	PART	PART	PART	PART	PART	24	PART	MISS
1957	16	PART	PART	33	PART	PART	PART	57	53	31	26	PART	MISS
1958	15	PART	30	34	50	PART	61	65	PART	36	PART	PART	MISS
1959	PART	PART	PART	PART	PART	PART	69	PART	PART	PART	PART	PART	MISS
1960	PART	PART	18	PART	PART	51	PART	68	MISS	34	28	16	MISS
1961	18	PART	31	34	42	50	PART	62	54	36	24	PART	MISS
1962	PART	20	30	30	46	58	63	PART	46	24	PART	10	MISS
1963	PART	18	28	PART	33	PART	58	PART	48	PART	29	19	MISS
1964	18	21	25	34	49	60	60	62	52	34	32	22	18
1965	16	13	26	35	52	52	59	58	55	29	30	19	13
1966	15	19	27	35	44	45	63	61	51	36	29	22	15
1967	24	15	22	37	44	53	64	62	46	37	23	24	15
1968	19	15	24	37	44	57	PART	58	55	32	26	20	MISS
1969	19	22	26	38	44	63	69	61	54	36	25	21	19
1970	11	21	25	35	43	56	62	67	46	38	19	22	11
1971	20	20	28	37	43	59	64	66	56	50	31	25	20
1972	18	20	26	26	49	52	58	61	57	35	26	20	18
1973	19	15	31	32	40	56	66	65	61	42	27	19	15
1974	30	18	29	36	48	58	59	58	46	28	27	27	18
1975	26	29	25	33	48	58	54	62	54	37	29	18	18
1976	14	22	32	37	44	52	66	62	54	33	23	14	14
1977	8	15	31	36	40	50	64	65	59	37	24	19	8
1978	19	17	25	41	44	58	MISS	63	54	40	34	22	MISS
1979	18	16	29	41	49	54	58	56	60	35	26	23	16
1980	24	16	12	36	42	54	66	63	61	38	30	18	12
1981	11	21	24	38	37	57	65	63	44	32	25	14	11
1982	8	27	31	30	40	61	65	55	49	36	32	25	8
1983	20	26	28	32	44	52	63	62	47	39	31	10	10
1984	15	23	29	36	42	51	61	59	52	46	29	23	15
1985	0	22	28	31	46	57	66	62	49	49	38	18	0
1986	15	19	26	36	40	62	66	56	54	38	28	27	15
MEAN	16.9	19.8	26.6	34.8	44.2	55.2	62.8	61.4	52.5	36.4	27.6	20.1	13.8
S.D.	6.028	4.070	4.106	3.317	4.295	4.302	3.722	3.423	4.866	5.678	3.840	4.326	4.689
TOT OBS	27	26	30	27	28	26	25	27	27	28	29	26	21

31 - EXTREME VALUES

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)D93727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 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
1955		17. 24		40. 25	45. 30	54. 28	64. 29	66. 28	63. 24	42. 28		21. 30	
1956	27. 23	29. 26		36. 28	44. 29	56. 24	68. 23	65. 30	55. 23	46. 26		27. 29	MIN TEMP # DAYS
1957		28. 22	32. 23		45. 29	63. 28	64. 23					14. 29	MIN TEMP # DAYS
1958		19. 25				51. 28			54. 28		34. 23	22. 21	MIN TEMP # DAYS
1959	15. 22	19. 24	29. 28	38. 27	44. 27	53. 28		66. 28	51. 28	43. 27	24. 22	26. 25	MIN TEMP # DAYS
1960	18. 27			38. 27			68. 30						MIN TEMP # DAYS
1961		24. 27					62. 30					20. 30	MIN TEMP # DAYS
1962	14. 30							61. 30			26. 29		MIN TEMP # DAYS
1963	16. 30			32. 28		58. 28		61. 30		32. 30			MIN TEMP # DAYS
1968							65. 30						MIN TEMP # DAYS

32 - YEAR/MONTH VALUES

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)093727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1955	717	MISS	260	MISS	MISS	MISS	MISS	MISS	MISS	MISS	309	MISS	MISS
1956	MISS	MISS	314	MISS	MISS	MISS	MISS	MISS	MISS	MISS	368	MISS	MISS
1957	598	MISS	MISS	139	MISS	MISS	MISS	0	4	174	310	MISS	MISS
1958	786	MISS	495	150	14	MISS	0	0	MISS	132	MISS	MISS	MISS
1959	MISS	MISS	MISS	MISS	MISS	MISS	0	MISS	MISS	MISS	MISS	MISS	MISS
1960	MISS	497	682	MISS	23	0	MISS	0	MISS	81	287	744	MISS
1961	720	MISS	233	253	36	5	MISS	0	0	128	313	MISS	MISS
1962	MISS	413	484	180	6	3	0	MISS	29	121	MISS	674	MISS
1963	MISS	628	252	MISS	65	MISS	0	MISS	17	MISS	310	786	MISS
1964	588	592	346	151	25	0	0	0	0	178	215	461	2556
1965	631	538	449	MISS	0	1	0	0	0	131	302	570	MISS
1966	745	532	404	183	41	8	0	0	6	111	360	622	3012
1967	529	578	332	134	61	17	0	0	12	129	436	462	2690
1968	747	719	349	127	24	0	MISS	0	0	111	310	645	MISS
1969	709	577	513	122	24	0	0	0	1	88	399	660	3093
1970	827	548	394	132	22	0	0	0	15	47	279	448	2712
1971	654	523	487	175	40	0	0	0	0	9	293	272	2453
1972	397	607	502	222	20	5	0	0	0	114	332	380	2579
1973	615	593	243	177	45	0	0	0	0	33	213	469	2388
1974	255	446	238	109	31	0	0	0	13	189	354	500	2135
1975	398	326	309	180	9	0	0	0	0	52	226	538	2038
1976	661	339	203	121	36	3	0	0	0	185	494	643	2685
1977	972	610	279	90	31	0	0	0	0	130	258	553	2923
1978	755	770	428	100	29	0	MISS	0	2	144	201	521	MISS
1979	659	622	311	91	10	1	0	0	1	153	280	586	2714
1980	633	719	492	141	34	0	0	0	0	136	322	512	2989
1981	765	495	494	117	79	0	0	0	12	121	336	604	3023
1982	700	389	242	175	10	0	0	0	1	120	210	366	2213
1983	617	505	288	192	13	0	0	0	12	58	287	556	2528
1984	716	371	387	147	32	0	0	0	17	10	338	352	2370
1985	789	488	265	83	12	0	0	0	2	14	65	566	2284
1986	645	379	289	93	28	0	0	0	0	88	206	496	2224

33 - YEAR/MONTH VALUES

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)

031727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1955	0	MISS	50	MISS	MISS	MISS	MISS	MISS	MISS	MISS	24	MISS	MISS
1956	MISS	MISS	19	MISS	MISS	MISS	MISS	MISS	MISS	MISS	20	MISS	MISS
1957	3	MISS	MISS	115	MISS	MISS	MISS	408	359	28	21	MISS	MISS
1958	0	MISS	0	69	171	MISS	545	502	MISS	49	MISS	MISS	MISS
1959	MISS	MISS	MISS	MISS	MISS	MISS	460	MISS	MISS	MISS	MISS	MISS	MISS
1960	MISS	MISS	6	MISS	208	398	MISS	513	MISS	111	10	MISS	MISS
1961	0	MISS	43	39	126	328	MISS	469	361	48	48	MISS	MISS
1962	MISS	24	3	46	257	305	422	MISS	223	138	MISS	0	MISS
1963	MISS	0	23	MISS	142	MISS	395	MISS	156	MISS	1	0	MISS
1964	0	0	12	82	203	374	408	402	269	47	16	8	1821
1965	0	4	3	MISS	272	292	407	452	283	71	0	0	MISS
1966	1	0	3	50	126	261	439	411	271	67	11	0	1640
1967	0	0	23	77	108	253	421	387	132	53	0	4	1458
1968	0	0	23	42	128	366	MISS	489	256	110	13	0	MISS
1969	0	0	0	34	161	401	513	392	231	95	9	0	1836
1970	1	0	0	85	196	328	450	442	338	122	4	8	1974
1971	0	0	0	17	85	318	399	396	317	162	28	32	1754
1972	2	0	0	49	98	225	443	418	269	48	26	4	1582
1973	0	0	23	36	126	305	475	481	379	158	36	4	2023
1974	28	0	37	93	192	316	383	398	252	42	34	0	1775
1975	6	13	26	48	218	368	407	512	356	135	57	0	2146
1976	4	12	43	92	172	335	462	412	266	34	0	0	1832
1977	0	0	12	89	240	369	558	505	406	56	55	5	2295
1978	0	0	2	58	167	382	MISS	464	286	27	21	16	MISS
1979	0	2	6	53	158	201	383	398	251	44	13	0	1509
1980	0	2	0	55	185	356	531	534	409	64	5	3	2144
1981	0	0	5	52	158	531	562	452	277	50	10	3	2100
1982	3	5	26	36	261	363	492	406	269	77	33	18	1989
1983	0	0	4	34	171	326	529	526	320	112	10	0	2032
1984	0	0	6	41	212	392	433	448	205	224	14	6	1981
1985	6	11	55	121	236	436	530	468	333	228	113	10	2547
1986	0	5	23	89	245	435	566	407	319	144	45	6	2284

34 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)093127 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1955	41.8	49.2P	58.2	64.3P	72.2P	75.4P	83.6P	82.2P	79.0P	67.6P	55.5	46.3P	MISS
1956	43.0P	53.9P	55.4	63.4P	71.2P	78.5P	83.0P	82.0P	75.7P	67.7P	53.3	57.1P	MISS
1957	45.8	53.3P	52.0P	64.1	71.3P	78.9P	79.6P	78.1	76.8	60.2	55.3	48.0P	MISS
1958	39.6	41.6P	49.0	62.2	70.0	75.7P	82.5	81.1	73.5P	62.3	58.0P	45.1P	MISS
1959	45.1P	50.2P	53.2P	63.2P	71.9P	76.7P	79.8	80.8P	75.5P	68.3P	53.9P	48.3P	MISS
1960	45.7P	47.2	43.1	65.2P	70.9	78.2	80.7P	81.5	MISS	65.9	55.7	41.0	MISS
1961	41.7	50.5P	58.8	57.8	67.9	75.7	81.2P	80.1	77.0	62.4	56.1	48.3P	MISS
1962	44.1P	51.1	49.4	60.5	73.0	75.0	78.6	78.5P	71.4	65.5	52.4P	43.2	MISS
1963	41.5P	42.5	57.6	62.1P	67.4	75.7P	77.7	78.2P	69.6	63.5P	54.6	39.6	MISS
1964	46.0	43.8	54.2	62.6	70.7	77.4	78.1	77.9	73.9	60.7	58.3	50.3	62.8
1965	44.6	45.9	50.6	61.8P	73.7	74.6	78.1	79.5	74.4	63.0	54.9	46.6	MISS
1966	41.0	46.0	52.0	60.5	67.7	73.4	79.1	78.2	73.8	63.5	53.3	44.9	61.1
1967	47.9	44.3	55.0	63.0	66.5	72.8	78.5	77.4	69.0	62.5	50.4	50.2	61.5
1968	40.9	39.3	54.4	62.1	68.3	77.1	79.7P	80.7	73.5	64.9	55.0	44.1	MISS
1969	42.1	44.3	48.4	62.0	69.4	78.3	81.5	77.6	72.6	65.2	52.0	43.7	61.4
1970	38.3	45.4	52.2	63.4	70.6	75.9	79.5	79.2	75.7	67.4	55.8	50.8	62.8
1971	43.9	46.3	49.2	59.7	66.4	75.5	77.8	77.7	75.5	69.9	56.1	57.2	62.9
1972	52.2	43.3	48.8	59.2	67.5	72.3	79.2	78.4	73.9	62.8	54.7	52.8	62.1
1973	45.1	43.8	57.9	60.2	67.6	75.1	80.3	80.5	77.6	69.0	59.0	50.0	63.8
1974	57.6	49.0	58.5	64.4	70.1	75.5	77.3	77.8	72.9	60.2	54.3	48.8	63.9
1975	52.3	53.8	55.8	60.5	71.7	77.2	78.1	81.5	76.8	67.6	59.3	47.6	65.2
1976	43.8	53.3	59.8	64.0	69.3	76.0	79.9	78.2	73.8	60.1	48.5	44.2	62.6
1977	33.6	43.2	56.3	64.9	71.7	77.2	83.0	81.2	78.5	62.6	58.2	47.3	63.1
1978	40.6	37.5	51.2	63.5	69.4	77.7	MISS	79.9	74.4	61.2	59.0	48.7	MISS
1979	43.7	42.8	55.1	63.7	69.7	71.6	77.3	77.8	73.3	61.4	56.0	46.0	61.5
1980	44.5	39.3	49.1	62.1	69.8	76.8	82.1	82.2	78.6	62.6	54.4	48.5	62.5
1981	40.3	47.3	49.2	62.8	67.5	82.6	83.1	79.5	73.8	62.7	54.1	45.6	62.4
1982	42.5	51.2	58.0	60.3	73.0	77.0	80.8	78.0	73.9	63.6	59.0	53.7	64.2
1983	45.0	46.9	55.8	59.7	70.0	75.8	82.0	81.9	75.2	66.7	55.7	47.0	63.5
1984	41.9	51.7	52.7	61.4	70.8	78.0	78.9	79.4	71.2	71.9	54.1	53.8	63.8
1985	39.7	47.9	58.2	66.2	72.2	79.5	82.0	80.0	76.0	71.9	66.5	47.0	65.6
1986	44.1	51.6	56.4	64.8	72.0	79.5	83.2	78.1	75.6	66.8	59.6	49.1	65.1

35 - YEAR/MONTH VALUES

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)091727 NEW RIVER, NC
PERIOD OF RECORD : 1955-1986LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1959	MISS	MISS	MISS	MISS	MISS	MISS	14.34	MISS	MISS	MISS	MISS	MISS	MISS
1960	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1961	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1962	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1963	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1964	6.94	7.01	1.73	6.15	4.06	5.21	9.81	7.33	6.21	5.27	2.16	4.01	65.89
1965	1.96	5.77	6.08	1.31	5.66	11.82	8.42	3.93	1.40	1.48	1.34	.44	49.61
1966	7.53	5.70	2.66	1.64	5.41	5.34	6.96	5.26	4.54	1.16	1.48	3.98	51.66
1967	4.37	5.53	.75	2.90	2.27	3.79	13.02	8.36	4.49	1.28	2.06	6.06	54.88
1968	4.30	.86	1.70	3.17	2.21	2.39	11.06P	3.49	3.60	3.71	4.17	2.33	MISS
1969	2.55	1.91	5.44	2.63	3.75	8.89	6.64	7.50	1.70	3.83	5.73	3.99	54.56
1970	2.04	3.80	6.39	2.22	3.24	5.23	7.14	11.56	4.32	3.85	2.24	2.64	54.67
1971	3.86	2.92	3.38	2.77	2.68	6.31	7.32	5.17	4.90	5.14	1.03	1.16	46.64
1972	3.64	4.52	2.38	1.77	3.41	3.90	4.61	1.69	2.99	1.68	4.36	3.25	38.20
1973	2.49	4.02	3.01	5.27	2.69	9.19	7.37	6.51	2.10	1.21	.58	5.17	49.61
1974	2.72	2.90	2.94	4.85	8.36	5.09	6.04	12.64	3.63	1.42	2.05	4.81	57.45
1975	5.40	5.60	2.63	4.36	1.71	4.62	8.98	5.65	9.20	4.41	1.60	6.10	60.26
1976	1.96	1.72	1.83	.50	5.07	7.11	7.52	6.10	7.03	3.47	3.84	5.83	51.98
1977	2.94	2.05	5.46	1.51	7.61	4.20	4.95	5.20	4.23	6.49	3.92	4.02	52.58
1978	7.07	1.50	4.00	6.53	4.18	2.70	MISS	4.28	2.31	1.10	MISS	4.10	MISS
1979	6.82	4.50	3.16	3.90	5.73	5.08	7.28	3.59	12.19	1.35	3.73	2.66	59.99
1980	3.71	1.57	8.00	1.49	3.77	4.07	4.48	2.09	5.71	2.27	2.19	5.57	44.92
1981	1.41	2.46	2.01	.53	7.14	7.06	5.53	12.45	1.74	.70	1.05	5.29	47.37
1982	7.09	6.29	3.24	2.74	1.76	8.20	13.97	3.11	6.35	3.03	2.56	4.89	63.23
1983	4.07	9.06	7.49	3.50	.63	2.63	5.06	3.83	1.79	2.64	4.67	5.86	51.23
1984	2.27	7.73	4.72	3.54	4.38	3.13	10.20	3.01	12.75	1.15	3.76	1.74	58.38
1985	3.13	4.75	2.81	.57	1.86	2.17	7.42	7.20	5.34	8.88	6.69	1.96	52.78
1986	2.08	2.09	4.12	1.17	3.93	4.44	4.03	10.62P	.85	3.30	4.24	4.18	MISS

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON
(FROM DAILY OBSERVATIONS)

093727 NEW RIVER, NC

PERIOD OF RECORD : 1955-1986

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT
MONTH : ALL

MONTH	HOURS (LST)	ISM	RAIN E/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW E/OR SLEET	HAIL	OBS WITH PRECIP	FOG	SMOKE E/OR HAZE	BLOWING SNOW	DUST E/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	DAILY	3.0	42.9	.0	6.7	.2	45.2	56.3	50.6	.4	.0	69.4	496
FEB	DAILY	4.6	39.1	.0	5.2	.0	40.2	48.3	46.1	.9	.0	65.3	458
MAR	DAILY	5.4	41.5	.0	3.0	.2	41.7	52.1	55.5	.0	.0	69.9	499
APR	DAILY	13.5	36.8	.0	.0	.6	36.8	52.6	60.3	.0	.0	74.0	481
MAY	DAILY	18.2	46.7	.0	.0	.4	46.7	70.1	68.9	.0	.0	85.8	499
JUN	DAILY	25.3	46.0	.0	.0	.0	46.0	76.1	74.3	.0	.0	89.7	506
JUL	DAILY	39.8	56.2	.0	.0	.0	56.2	68.6	77.0	.0	.0	86.9	525
AUG	DAILY	32.8	55.3	.0	.0	.0	55.3	77.0	77.9	.0	.0	90.0	521
SEP	DAILY	14.3	41.6	.0	.0	.2	41.6	78.0	80.2	.0	.0	91.6	510
OCT	DAILY	4.0	33.3	.0	.0	.2	33.3	68.4	69.2	.0	.0	84.3	529
NOV	DAILY	2.8	33.8	.0	.7	.0	34.0	60.2	54.6	.0	.0	74.5	538
DEC	DAILY	2.0	39.3	.0	2.0	.2	39.7	55.1	46.3	.0	.0	67.0	557
ANN	DAILY	13.8	42.7	.0	1.4	.2	43.0	63.7	63.5	.1	.0	79.1	6119

NOTES :

* = PERCENT < .05

93727 NEW RIVER. NC

LAT. : 34 43N LONG. : 77 26W ELEV. : 24 FT

PERIOD OF RECORD (HOURLY): 1955-1986 PERIOD OF RECORD (DAILY) : 1955-1986

TEMPERATURE (DEG F)		PRECIPITATION (INCHES)		REL HUMID (%)		WIND (KTS)		MEAN NO. OF DAYS WITH (G)		SKY (PRECIP. (SNOW-))		TEMP (DEG F)																				
MEANS	EXTREME	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MEAN	MAX																			
MAX	MIN	Avg	MAX	MIN	MAX	MEAN	MAX	MIN	MAX	MEAN	MAX	MIN	MAX																			
JAN	54	34	44	81	0	.4	7.5	1.4	2.7	1	6	2	78	58	.19	34	55	N	7	53	OVR	11	2	1	#	1	17	0	1	16	1	
FEB	57	36	47	86	13	.4	9.1	.9	4.2	1	16	13	77	54	.20	35	65	N	7	56	OVR	9	3	#	1	13	0	1	12	#	1	
MAR	64	43	54	92	12	.4	8.0	.8	2.6	1	24	19	79	51	.26	41	65	N	8	46	OVR	10	3	#	2	15	#	5	5	5	5	
APR	73	51	62	95	26	.3	6.5	.5	4.3	1	1	1	81	47	.35	49	55	S	8	46	OVR	8	2	0	0	4	15	1	13	#	0	0
MAY	80	60	70	98	33	.4	8.4	.6	3.9	1	1	1	87	54	.50	59	40	S	7	51	OVR	10	3	0	0	5	21	3	25	0	0	0
JUN	85	67	77	101	45	.5	11.8	2.2	2.8	0	0	0	88	59	.65	66	35	S	6	54	BRK	11	4	0	0	8	23	7	29	0	0	0
JUL	88	72	80	101	54	.8	14.3	4.0	5.4	0	0	0	89	62	.76	71	25	S	6	56	BRK	14	5	0	0	12	21	13	31	0	0	0
AUG	88	71	80	101	55	.6	12.6	1.7	6.7	0	0	0	90	63	.75	71	25	S	5	44	BRK	12	4	0	0	10	24	11	30	0	0	0
SEP	83	66	75	97	44	.5	12.8	.9	6.2	1	1	1	89	61	.63	66	30	N	6	70	BRK	9	3	0	0	4	23	4	27	0	0	0
OCT	75	54	65	95	24	.3	8.9	.7	3.0	0	0	0	85	57	.43	55	40	N	7	46	CLR	7	2	0	0	1	20	#	17	#	0	0
NOV	67	45	56	89	19	.3	6.7	.6	3.2	1	1	1	82	54	.30	45	50	N	6	50	CLR	8	2	0	0	1	18	0	6	4	0	0
DEC	59	37	48	82	10	.4	6.1	.4	3.5	1	3	3	80	57	.23	38	55	N	7	51	OVR	9	3	#	1	17	0	2	12	#	1	
JANN	73	53	63	101	0	5.3	65.9	38.2	6.7	3	27	19	84	57	.40	52	45	N	7	70	OVR	118	34	1	1	50	229	38	190	50	1	1

NOTES :

T = TRACE AMOUNTS (< .05% < .5 INCHES

= MEAN NO. DAYS < .5 DAYS

\$ = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 50 = 500 FEET)

Q = NAVY STATIONS REPORTED HAIL AS SNOWFALL

NWS STATIONS REPORTED HAIL AS SNOWFALL FOR THE PERIOD JULY 1948-DECEMBER 1955.

* = THE PREDOMINANT SKY CONDITION

* = VISIBILITY IS NOT CONSIDERED

NOTE: 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]