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SMOS

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

AD-A203 833

STATION: #13721 Patuxent River, MD
LAT. 38:17 N. LONG. 76:24 W.

PERIOD: HOURLY: 1945-1986
DAILY: 1945-1986

ELEVATION: 40 feet

JOB NO. TASK RNBAB21D DATE December 1988

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PREPARED BY
NAVAL OCEANOGRAPHY
COMMAND DETACHMENT.
FEDERAL BUILDING
ASHEVILLE, N.C. 28801

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18. SUPPLEMENTARY NOTES

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

Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, coastal region, snow depth, and cloud cover.

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

This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/ Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure.

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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.

2. Weather Conditions. This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in two tables as follows:

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.

Occurrences of the various phenomena included in each category on the forms are listed below:

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

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

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

d. Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

e. Hail - Occurrences of hail and small hail are included.

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

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

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

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

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.

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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5. Surface Winds.

a. Extreme Values - Peak Gusts **Table 27**: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in 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	≥ ⅝	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING																
≥ 1800 ≥ 1500					91.0											92.6
≥ 1200 ≥ 1000																
≥ 900 ≥ 800																
≥ 700 ≥ 600																
≥ 500 ≥ 400										97.4						98.1
≥ 300 ≥ 200																
≥ 100 ≥ 0					95.4		96.9			98.3						100.0

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

8. Psychrometric Summaries.

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

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

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

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

Table 30 Extreme maximum temperature
Table 31 Extreme minimum temperature

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

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

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

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

(2) Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of each page. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means ($\bar{X}$), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

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

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

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

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

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

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

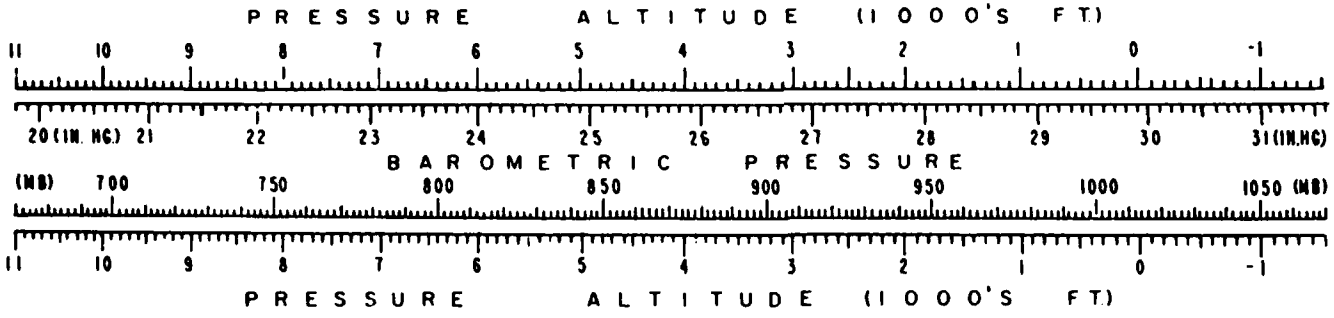
f. Percentage frequency of occurrence of dry-bulb temperature versus wind direction **Table 4.** This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in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

9. Pressure Summary. Two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times UTC. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables.

Table 18 Station pressure in inches of mercury

Table 19 Sea-level pressure in millibars

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



M. L. DICKENSON

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TABULATION INDEXES BY NUMBER

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	HOURLY DATA TABULATIONS :
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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
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12	REL HUM -- HOUR VS REL HUM AMTS VS MONTH
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37	STATION CLIMATIC SUMMARY
38	OMITTED
39	OMITTED

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013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	2.3	2.8	.9	.3	.1	.0	.0	.0	.0	.0	7.3	7.8
NNE	.2	.9	1.2	.9	.2	.1	.0	.0	.0	.0	.0	3.5	9.3
NE	.6	.9	.7	.6	.1	.1	.0	.0	.0	.0	.0	3.0	7.6
ENE	.6	.7	.5	.5	.1	.0	.0	.0	.0	.0	.0	2.3	7.3
E	.5	1.1	.5	.1	.1	.1	.0	.0	.0	.0	.0	2.3	6.4
ESE	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.1
SE	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	5.9
SSE	.2	1.7	.7	.4	.1	.0	.0	.0	.0	.0	.0	3.1	7.1
S	1.3	2.7	2.0	.5	.2	.1	.0	.0	.0	.0	.0	6.8	6.8
SSW	.3	2.0	3.0	1.7	.3	.0	.0	.0	.0	.0	.0	7.2	9.0
SW	1.0	1.3	1.7	1.9	.6	.1	.0	.0	.0	.0	.0	6.5	9.5
WSW	.2	1.3	2.3	.8	.2	.1	.0	.0	.0	.0	.0	4.9	8.8
W	1.6	2.4	2.0	1.3	.2	.0	.0	.0	.0	.0	.0	7.6	7.2
WNW	.9	1.7	1.5	2.2	.5	.3	.2	.0	.0	.0	.0	7.2	10.3
NW	.9	3.1	3.1	2.4	1.0	.8	.2	.0	.0	.0	.0	11.7	10.4
NNW	1.6	3.2	3.5	3.1	1.3	.5	.1	.0	.0	.0	.0	13.1	9.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.6	.0
ALL	11.9	26.3	26.1	17.4	5.1	2.1	.5	.0	.0	.0	.0	100.0	7.8

TOTAL NO. OF OBS : 1270

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.8	2.2	1.6	.2	.0	.0	.0	.0	.0	.0	7.6	7.5
NNE	.7	.9	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	4.6	8.7
NE	.1	.9	1.6	.6	.2	.1	.0	.0	.0	.0	.0	3.5	9.2
ENE	.3	1.1	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.5
E	.2	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.5	6.6
ESE	.2	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.9
SE	.5	.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.5	6.7
SSE	.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.4
S	1.2	2.0	1.8	.4	.4	.0	.0	.0	.0	.0	.0	5.8	7.1
SSW	.5	1.8	2.4	1.3	.1	.1	.0	.0	.0	.0	.0	6.2	8.6
SW	.4	1.1	2.4	1.9	.8	.2	.0	.0	.0	.0	.0	6.8	10.6
WSW	.4	1.1	.9	1.1	.2	.1	.0	.0	.0	.0	.0	3.8	9.0
W	1.3	2.0	1.7	1.3	.1	.0	.0	.0	.0	.0	.0	6.3	7.2
WNW	1.0	2.0	2.1	1.9	.6	.2	.2	.0	.0	.0	.0	8.0	9.6
NW	1.7	2.8	2.8	2.0	1.6	.8	.2	.2	.0	.0	.0	12.2	10.8
NNW	1.1	4.3	3.8	2.7	1.3	.7	.0	.0	.0	.0	.0	13.9	9.6
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	12.5	.0
ALL	10.9	26.3	25.6	16.5	5.5	2.0	.4	.2	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 1270

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	3.2	3.0	1.1	.4	.1	.0	.0	.0	.0	.0	8.5	8.0
NNE	.3	1.7	.8	1.1	.2	.1	.0	.0	.0	.0	.0	4.2	9.0
NE	.6	1.3	.9	.7	.1	.0	.0	.0	.0	.0	.0	3.5	7.6
ENE	.7	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	2.3	6.5
E	.6	1.7	.3	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.4
ESE	.3	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	1.0	7.2
SE	.6	.4	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.3
SSE	.8	.9	.4	.1	.0	.0	.0	.0	.0	.0	.0	2.1	4.9
S	.4	2.0	1.6	.4	.2	.0	.0	.0	.0	.0	.0	4.5	7.1
SSW	.9	1.8	1.8	1.6	.2	.0	.0	.0	.0	.0	.0	6.3	8.0
SW	.5	1.5	2.1	2.4	.9	.2	.1	.0	.0	.0	.0	7.7	11.0
WSW	1.3	1.5	.9	.7	.2	.0	.0	.0	.0	.0	.0	4.6	6.7
W	1.3	2.0	1.3	1.2	.4	.0	.0	.0	.0	.0	.0	6.2	7.6
WNW	1.3	2.0	2.1	1.6	1.1	.4	.2	.0	.0	.0	.0	8.7	10.1
NW	1.4	4.0	2.1	2.9	.9	.8	.2	.1	.0	.0	.0	12.4	10.2
NNW	1.1	3.1	3.6	2.6	1.0	.4	.1	.0	.0	.0	.0	11.9	9.6
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	11.3	.0
ALL	12.9	27.9	22.7	17.2	5.5	2.0	.5	.1	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 1271

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.8	3.6	2.4	.6	.5	.0	.0	.0	.0	.0	9.8	9.8
NNE	.3	1.8	2.0	1.1	.0	.0	.0	.0	.0	.0	.0	5.2	8.2
NE	.6	1.1	1.2	.4	.0	.1	.0	.0	.0	.0	.0	3.4	7.4
ENE	.4	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.2
E	.5	1.3	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
ESE	.2	1.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.6
SE	.6	1.2	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.8	6.1
SSE	.3	.9	1.4	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.9
S	.6	1.2	1.0	.9	.2	.0	.0	.0	.0	.0	.0	3.9	7.8
SSW	.4	1.3	1.7	1.4	.2	.1	.0	.0	.0	.0	.0	5.1	9.2
SW	.8	1.8	2.1	2.8	1.3	.2	.0	.0	.0	.0	.0	9.1	10.9
WSW	.2	1.3	1.7	1.3	.4	.1	.0	.0	.0	.0	.0	5.0	9.9
W	1.1	1.5	2.1	1.3	.4	.1	.0	.0	.0	.0	.0	6.5	8.7
WNW	.5	2.1	2.7	1.6	.9	.3	.0	.1	.0	.0	.0	8.1	10.2
NW	.8	3.2	3.2	5.5	2.0	1.7	.2	.0	.0	.0	.0	16.6	12.3
NNW	.6	2.0	3.3	2.1	.9	.2	.1	.0	.0	.0	.0	9.1	10.1
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	5.4	.0
ALL	8.8	25.0	28.6	21.9	6.8	3.2	.3	.1	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 1270

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.2	1.7	.6	.1	.0	.0	.0	.0	.0	7.6	9.1
NNE	.2	2.6	2.1	1.0	.4	.1	.0	.0	.0	.0	.0	6.5	8.5
NE	.6	2.4	1.5	.6	.0	.0	.0	.0	.0	.0	.0	5.0	6.8
ENE	.6	1.4	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.9
E	.8	1.0	.3	.2	.0	.0	.0	.0	.0	.0	.0	2.3	5.3
ESE	.6	2.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.2
SE	.6	2.1	1.9	.8	.2	.0	.0	.0	.0	.0	.0	5.6	7.5
SSE	.2	1.3	1.4	.7	.0	.0	.0	.0	.0	.0	.0	3.6	7.8
S	.2	.4	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	3.1	9.7
SSW	.1	.7	2.4	.8	.2	.0	.0	.0	.0	.0	.0	4.3	9.2
SW	.2	1.1	2.3	2.3	.7	.2	.0	.0	.0	.0	.0	6.8	11.3
WSW	.2	1.2	1.1	1.9	1.0	.2	.0	.0	.0	.0	.0	5.6	11.7
W	.1	1.1	2.3	1.7	.6	.2	.0	.1	.0	.0	.0	6.0	11.2
WNW	.6	1.3	2.0	2.4	1.0	.5	.2	.0	.0	.0	.0	8.0	11.6
NW	.5	2.1	3.1	5.8	2.2	1.9	.1	.1	.0	.0	.0	15.8	13.3
NNW	.9	2.6	3.3	2.9	.9	.2	.0	.0	.0	.0	.0	10.7	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	3.3	.0
ALL	7.1	25.8	28.5	23.7	7.9	3.3	.2	.2	.0	.0	.0	100.0	9.5

TOTAL NO. OF OBS : 1270

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	2.1	2.6	1.6	.6	.2	.0	.0	.0	.0	.0	8.2	8.9
NNE	1.0	2.4	1.7	.9	.3	.1	.0	.0	.0	.0	.0	6.3	7.5
NE	.9	2.6	1.3	.2	.1	.0	.0	.0	.0	.0	.0	5.1	5.7
ENE	.6	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.5	5.3
E	.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.5
ESE	.6	1.7	.2	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.1
SE	1.3	2.8	3.6	.5	.0	.0	.0	.0	.0	.0	.0	8.2	6.6
SSE	1.0	2.0	3.3	.6	.2	.0	.0	.0	.0	.0	.0	7.1	7.3
S	.4	1.2	1.4	.6	.1	.0	.0	.0	.0	.0	.0	3.7	7.7
SSW	.6	.7	1.1	1.1	.1	.0	.0	.0	.0	.0	.0	3.5	8.6
SW	.4	1.4	1.8	1.7	.2	.0	.0	.0	.0	.0	.0	5.5	9.0
WSW	.2	1.1	1.8	1.1	.0	.1	.0	.0	.0	.0	.0	4.3	8.9
W	.2	1.6	2.6	1.7	.3	.4	.0	.0	.0	.0	.0	6.9	10.1
WNW	.0	.8	2.4	1.9	.9	.1	.0	.0	.0	.0	.0	6.0	11.6
NW	.5	2.4	3.2	4.5	2.3	1.0	.2	.1	.0	.0	.0	14.3	12.7
NNW	.3	2.0	3.1	1.8	.8	.1	.0	.0	.0	.0	.0	8.0	9.5
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	5.5	.0
ALL	10.0	27.2	30.9	18.4	5.8	1.9	.2	.1	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 1270

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.4	2.4	1.7	.7	.2	.0	.0	.0	.0	.0	9.1	8.6
NNE	.6	1.5	1.0	.6	.2	.1	.0	.0	.0	.0	.0	3.9	7.9
NE	.9	1.0	.9	.6	.1	.0	.0	.0	.0	.0	.0	3.5	6.6
ENE	.4	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.6	6.9
E	.5	.5	.6	.0	.1	.0	.0	.0	.0	.0	.0	1.6	5.7
ESE	.2	.6	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.2	6.5
SE	1.1	1.4	.6	.2	.1	.0	.0	.0	.0	.0	.0	3.5	5.7
SSE	1.2	3.0	1.4	.6	.1	.0	.0	.0	.0	.0	.0	6.2	6.2
S	3.3	3.4	1.8	.4	.2	.1	.0	.0	.0	.0	.0	9.1	5.4
SSW	.6	1.6	2.5	1.0	.1	.0	.0	.0	.0	.0	.0	5.8	8.0
SW	.4	1.0	1.3	1.8	.5	.0	.0	.0	.0	.0	.0	5.0	10.0
WSW	.3	.7	1.3	.4	.3	.0	.0	.0	.0	.0	.0	3.0	8.8
W	.8	2.1	.9	.6	.3	.0	.0	.0	.0	.0	.0	4.8	7.3
WNW	.6	2.1	1.6	1.8	1.0	.1	.0	.0	.0	.0	.0	7.2	9.9
NW	.9	1.8	2.0	2.5	1.8	.9	.5	.1	.0	.0	.0	10.5	12.8
NNW	1.0	2.6	2.0	1.7	.7	.1	.1	.0	.0	.0	.0	8.3	9.0
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	15.6	.0
ALL	13.7	27.1	21.2	14.3	6.1	1.3	.6	.1	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1271

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.7	2.5	2.0	1.5	.2	.0	.0	.0	.0	.0	.0	7.9	7.4
NNE	.4	1.2	.9	.6	.4	.2	.0	.0	.0	.0	.0	3.6	9.4
NE	.2	1.0	1.3	.6	.2	.0	.0	.0	.0	.0	.0	3.1	8.3
ENE	.4	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	1.3	6.1
E	.5	.9	.6	.1	.1	.1	.0	.0	.0	.0	.0	2.1	6.7
ESE	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.3	5.6
SE	1.2	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.0
SSE	.9	2.3	1.1	.5	.2	.0	.0	.0	.0	.0	.0	5.0	6.6
S	1.3	3.0	2.1	.6	.2	.0	.0	.0	.0	.0	.0	7.1	6.6
SSW	.6	1.7	2.1	1.7	.2	.1	.0	.0	.0	.0	.0	6.5	8.6
SW	.6	1.3	2.3	2.5	.3	.1	.0	.0	.0	.0	.0	7.2	9.6
WSW	.6	1.1	1.3	1.0	.2	.0	.0	.0	.0	.0	.0	4.2	8.3
W	.8	1.4	1.3	.7	.2	.1	.0	.0	.0	.0	.0	4.5	8.0
WNW	.9	1.8	2.0	2.0	.9	.3	.0	.0	.0	.0	.0	7.9	10.0
NW	1.4	1.8	1.7	2.8	1.9	1.6	.0	.0	.0	.0	.0	11.3	12.4
NNW	1.2	3.0	2.9	2.6	1.1	.2	.1	.0	.0	.0	.0	11.0	9.5
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	12.5	.0
ALL	13.1	25.5	22.8	17.5	6.0	2.5	.1	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1271

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AN
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.5	2.6	1.6	.5	.1	.0	.0	.0	.0	.0	8.3	8.4
NNE	.5	1.6	1.4	.9	.2	.1	.0	.0	.0	.0	.0	4.7	8.5
NE	.6	1.4	1.2	.5	.1	.0*	.0	.0	.0	.0	.0	3.8	7.3
ENE	.5	.9	.5	.2	.0*	.0	.0	.0	.0	.0	.0	2.1	6.2
E	.5	1.0	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	2.1	5.7
ESE	.4	1.0	.3	.1	.0*	.0	.0	.0	.0	.0	.0	1.7	5.5
SE	.8	1.3	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	3.6	6.4
SSE	.6	1.7	1.3	.4	.1	.0	.0	.0	.0	.0	.0	4.1	6.7
S	1.1	2.0	1.6	.6	.2	.0*	.0	.0	.0	.0	.0	5.5	6.9
SSW	.5	1.5	2.1	1.3	.2	.0*	.0	.0	.0	.0	.0	5.6	8.6
SW	.5	1.3	2.0	2.2	.7	.1	.0*	.0	.0	.0	.0	6.8	10.3
WSW	.4	1.2	1.4	1.0	.3	.1	.0	.0	.0	.0	.0	4.4	9.1
W	.9	1.8	1.8	1.2	.3	.1	.0	.0*	.0	.0	.0	6.1	8.4
WNW	.7	1.7	2.0	1.9	.9	.3	.1	.0*	.0	.0	.0	7.6	10.4
NW	1.0	2.7	2.7	3.6	1.7	1.2	.2	.1	.0	.0	.0	13.1	11.9
NNW	1.0	2.8	3.2	2.4	1.0	.3	.0*	.0	.0	.0	.0	10.8	9.6
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	9.6	.0
ALL	11.0	26.4	25.8	18.4	6.1	2.3	.3	.1	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 10163

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	20.0	49.8	51.3	51.8	52.0	52.2	52.4	52.5	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.6
>=20000	20.4	53.0	54.4	54.9	55.2	55.4	55.6	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
>=18000	20.4	53.0	54.5	55.0	55.3	55.5	55.7	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
>=16000	20.4	53.1	54.6	55.0	55.4	55.6	55.8	55.8	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0
>=14000	20.9	53.8	55.3	55.8	56.1	56.3	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7
>=12000	21.2	55.0	56.5	56.9	57.3	57.5	57.7	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9
>=10000	21.7	58.0	59.7	60.2	60.5	60.8	60.9	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2
>= 9000	22.0	58.6	60.4	60.9	61.2	61.4	61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8
>= 8000	22.4	62.7	64.6	65.1	65.4	65.7	65.9	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1
>= 7000	22.8	64.1	66.1	66.6	66.9	67.3	67.4	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7
>= 6000	23.1	64.9	66.9	67.4	67.7	68.1	68.2	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5
>= 5000	23.7	66.7	68.9	69.6	70.0	70.3	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
>= 4500	23.8	68.1	70.3	71.3	71.6	72.0	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
>= 4000	24.0	69.6	72.0	73.2	73.6	74.0	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5
>= 3500	24.2	70.4	72.9	74.2	74.7	75.1	75.3	75.5	75.5	75.6	75.7	75.7	75.7	75.7	75.7	75.7
>= 3000	24.5	71.7	74.6	76.0	76.7	77.2	77.4	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8
>= 2500	24.5	72.6	75.7	77.3	78.0	78.6	78.8	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
>= 2000	24.6	73.4	76.9	78.7	79.4	80.0	80.3	80.4	80.4	80.6	80.8	80.8	80.8	80.8	80.8	80.8
>= 1800	24.6	73.9	77.5	79.3	80.0	80.7	80.9	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4
>= 1500	24.8	75.1	78.8	80.7	81.5	82.1	82.5	82.7	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.1
>= 1200	24.8	75.4	79.2	81.2	82.2	82.8	83.2	83.5	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9
>= 1000	24.8	75.9	79.7	81.9	83.1	83.9	84.7	85.0	85.0	85.4	85.5	85.5	85.5	85.5	85.5	85.5
>= 900	24.8	76.1	80.0	82.3	83.8	84.6	85.4	85.7	85.7	86.2	86.3	86.3	86.3	86.3	86.3	86.3
>= 800	24.8	76.4	80.4	82.9	84.7	85.5	86.3	86.7	86.7	87.4	87.5	87.5	87.5	87.5	87.5	87.5
>= 700	24.9	76.8	81.0	83.6	85.5	86.3	87.1	87.5	87.5	88.3	88.5	88.5	88.6	88.6	88.6	88.7
>= 600	24.9	77.0	81.3	83.9	85.9	86.7	87.8	88.3	88.3	89.1	89.4	89.4	89.5	89.5	89.5	89.6
>= 500	24.9	77.2	81.6	84.4	86.9	87.9	89.2	89.9	89.9	90.7	90.9	90.9	91.1	91.1	91.1	91.1
>= 400	24.9	77.3	81.9	85.0	87.9	88.9	90.4	91.3	91.3	92.1	92.5	92.5	92.7	92.7	92.7	92.7
>= 300	24.9	77.5	82.3	85.7	88.9	90.1	92.0	93.0	93.1	94.3	95.0	95.0	95.4	95.4	95.6	95.8
>= 200	24.9	77.6	82.5	86.0	89.3	90.5	92.8	93.8	93.9	95.2	95.8	95.8	96.4	96.5	96.7	97.0
>= 100	24.9	77.6	82.5	86.0	89.3	90.5	92.9	93.9	94.0	95.3	95.9	95.9	97.0	97.0	97.9	98.7
>= 0	24.9	77.6	82.5	86.0	89.3	90.5	92.9	93.9	94.0	95.3	96.0	96.1	97.1	97.2	98.4	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	19.2	49.2	50.2	50.9	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=20000	19.6	52.6	53.5	54.3	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
>=18000	19.6	52.7	53.7	54.5	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=16000	19.6	52.7	53.7	54.5	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=14000	20.0	53.4	54.3	55.1	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=12000	20.2	54.2	55.1	56.1	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=10000	20.9	57.1	58.5	59.4	60.0	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>= 9000	21.0	57.5	58.9	59.8	60.4	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>= 8000	21.5	61.6	63.1	64.1	64.7	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
>= 7000	21.6	63.3	64.9	66.0	66.5	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
>= 6000	22.0	64.5	66.1	67.3	67.8	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>= 5000	22.4	66.1	67.7	68.9	69.5	69.6	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
>= 4500	22.5	67.7	69.6	70.9	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>= 4000	22.9	69.5	71.6	73.2	73.9	74.0	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
>= 3500	23.0	70.1	72.3	73.9	74.7	74.8	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 3000	23.2	71.8	74.2	75.9	76.8	76.9	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
>= 2500	23.3	73.6	76.0	77.8	78.7	78.8	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6
>= 2000	23.5	74.5	77.3	79.2	80.2	80.4	80.7	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.2
>= 1800	23.5	74.7	77.5	79.5	80.4	80.6	80.9	81.1	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4
>= 1500	23.5	75.2	78.2	80.4	81.4	81.5	82.0	82.2	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.6
>= 1200	23.6	75.6	78.6	80.9	82.2	82.3	82.8	83.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.5
>= 1000	23.6	76.4	79.4	82.1	83.5	83.8	84.3	84.7	84.7	84.9	85.1	85.1	85.2	85.2	85.2	85.4
>= 900	23.6	76.6	79.8	82.7	84.3	84.5	85.1	85.4	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.2
>= 800	23.6	76.8	80.2	83.2	84.9	85.3	85.9	86.2	86.3	86.7	87.0	87.0	87.2	87.2	87.2	87.4
>= 700	23.7	77.0	80.4	83.5	85.4	85.9	86.4	86.8	86.9	87.5	87.8	87.8	88.1	88.1	88.1	88.3
>= 600	23.7	77.2	80.7	83.8	86.0	86.7	87.2	87.6	87.7	88.5	88.7	88.7	89.1	89.1	89.1	89.3
>= 500	23.7	77.5	81.2	84.4	87.0	87.7	88.5	89.1	89.1	90.3	90.5	90.5	90.8	90.8	90.8	91.1
>= 400	23.7	77.9	81.5	85.1	87.9	89.0	90.0	90.6	90.7	92.1	92.5	92.5	92.9	92.9	92.9	93.1
>= 300	23.7	78.0	81.8	85.5	88.8	89.9	91.3	92.3	92.3	94.0	94.4	94.4	94.9	94.9	95.1	95.4
>= 200	23.7	78.0	81.8	85.5	88.8	90.1	91.7	92.7	92.7	94.7	95.3	95.4	95.8	95.8	96.2	96.6
>= 100	23.7	78.0	81.8	85.5	88.8	90.1	91.7	92.7	92.7	94.9	95.6	95.7	96.3	96.3	97.1	98.2
>= 0	23.7	78.0	81.8	85.6	88.9	90.2	91.8	92.7	92.8	95.0	95.8	95.9	96.6	96.7	97.8	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	15.9	41.0	42.5	43.3	44.0	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.7	44.7	44.7	44.8
>=20000	16.1	44.2	45.9	47.0	47.8	47.9	48.4	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7
>=18000	16.2	44.5	46.2	47.2	48.0	48.2	48.6	48.7	48.7	48.7	48.8	48.8	48.9	48.9	48.9	49.0
>=16000	16.4	44.6	46.3	47.4	48.2	48.3	48.8	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.1
>=14000	16.9	45.7	47.4	48.4	49.2	49.4	49.8	49.9	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.2
>=12000	17.6	47.0	48.6	49.7	50.5	50.6	51.1	51.2	51.2	51.2	51.3	51.3	51.4	51.4	51.4	51.4
>=10000	18.5	50.6	52.5	53.8	54.6	54.8	55.4	55.4	55.4	55.4	55.6	55.6	55.7	55.7	55.7	55.8
>= 9000	18.5	50.9	52.7	54.0	55.0	55.1	55.7	55.8	55.8	55.8	55.9	55.9	56.0	56.0	56.0	56.1
>= 8000	19.5	55.4	57.7	59.2	60.2	60.5	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4	61.4	61.5
>= 7000	19.8	56.9	59.6	61.1	62.2	62.5	63.1	63.2	63.2	63.2	63.3	63.3	63.5	63.5	63.5	63.7
>= 6000	20.1	58.5	61.3	62.8	64.0	64.2	64.9	64.9	64.9	64.9	65.1	65.1	65.3	65.3	65.3	65.5
>= 5000	20.5	61.0	63.8	65.5	66.9	67.1	67.7	67.8	67.8	67.8	68.0	68.0	68.1	68.1	68.2	68.4
>= 4500	20.6	62.7	65.7	67.4	68.8	69.0	69.6	69.8	69.8	69.8	70.0	70.0	70.1	70.1	70.3	70.4
>= 4000	21.0	64.4	67.5	69.6	71.0	71.4	72.0	72.2	72.2	72.2	72.4	72.4	72.6	72.6	72.8	72.9
>= 3500	21.4	65.4	68.7	70.8	72.3	72.7	73.3	73.5	73.5	73.6	73.7	73.7	74.0	74.0	74.1	74.3
>= 3000	21.4	67.3	70.8	73.2	74.8	75.3	76.0	76.3	76.3	76.4	76.5	76.5	76.8	76.8	76.9	77.1
>= 2500	21.5	68.1	71.7	74.2	75.9	76.4	77.1	77.4	77.4	77.5	77.6	77.6	77.9	77.9	78.0	78.2
>= 2000	21.6	69.2	73.1	75.8	77.6	78.1	78.8	79.2	79.2	79.4	79.6	79.6	79.8	79.8	80.0	80.1
>= 1800	21.7	69.5	73.4	76.3	78.1	78.6	79.3	79.7	79.7	79.9	80.0	80.0	80.3	80.3	80.4	80.6
>= 1500	21.8	70.2	74.4	77.5	79.6	80.0	80.8	81.2	81.2	81.3	81.5	81.5	81.8	81.8	81.9	82.1
>= 1200	21.9	70.8	75.2	78.3	80.4	80.8	81.7	82.1	82.1	82.4	82.7	82.7	82.9	82.9	83.1	83.2
>= 1000	22.0	71.6	76.0	79.2	81.6	82.2	83.2	83.8	83.8	84.2	84.4	84.4	84.7	84.7	84.8	85.0
>= 900	22.0	71.8	76.3	79.7	82.1	82.8	83.9	84.4	84.4	84.9	85.1	85.1	85.4	85.4	85.5	85.7
>= 800	22.0	71.9	76.5	80.0	82.7	83.4	84.5	85.1	85.1	85.6	85.9	85.9	86.2	86.2	86.3	86.5
>= 700	22.0	72.0	76.9	80.5	83.4	84.2	85.5	86.2	86.2	86.8	87.1	87.1	87.4	87.5	87.6	87.8
>= 600	22.0	72.1	77.1	80.8	84.1	85.0	86.3	87.1	87.2	87.9	88.3	88.3	88.6	88.7	88.8	89.0
>= 500	22.0	72.3	77.5	81.2	84.8	85.9	87.4	88.3	88.5	89.3	89.7	89.7	90.0	90.2	90.4	90.6
>= 400	22.0	72.4	77.6	81.5	85.3	86.9	88.8	90.0	90.2	91.1	91.5	91.5	92.2	92.3	92.6	92.9
>= 300	22.0	72.4	77.6	81.6	85.7	87.4	90.0	91.2	91.4	92.4	93.0	93.0	93.8	93.9	94.3	94.7
>= 200	22.0	72.4	77.7	81.8	86.1	88.0	90.8	92.3	92.5	94.1	94.8	94.8	96.0	96.2	96.7	97.2
>= 100	22.0	72.4	77.7	81.8	86.1	88.0	90.9	92.3	92.6	94.3	95.1	95.1	96.5	96.8	97.7	98.8
>= 0	22.0	72.4	77.7	81.8	86.1	88.0	90.9	92.3	92.6	94.3	95.1	95.1	96.6	96.9	97.8	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	18.7	40.0	41.6	42.1	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
>=20000	19.8	44.5	46.3	46.9	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
>=18000	19.8	44.6	46.4	47.0	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
>=16000	20.0	44.8	46.6	47.1	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
>=14000	21.2	46.7	48.6	49.2	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
>=12000	22.2	48.7	50.9	51.5	51.9	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
>=10000	23.7	52.6	55.1	55.8	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
>= 9000	24.2	53.8	56.2	56.9	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>= 8000	25.4	57.9	60.6	61.5	62.3	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>= 7000	25.7	59.4	62.2	63.1	63.9	64.0	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>= 6000	26.0	60.7	63.8	64.9	65.7	65.9	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 5000	26.5	63.5	66.7	67.9	68.9	69.1	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 4500	26.6	64.8	68.1	69.6	70.6	70.9	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
>= 4000	27.2	67.0	70.4	72.2	73.3	73.6	73.9	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 3500	27.4	67.7	71.4	73.4	74.6	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>= 3000	27.9	69.6	73.4	75.5	76.8	77.2	77.7	77.7	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9
>= 2500	28.1	70.4	74.4	76.6	78.0	78.3	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
>= 2000	28.3	71.5	75.6	77.9	79.3	79.7	80.4	80.6	80.6	80.7	81.0	81.0	81.0	81.0	81.1	81.1
>= 1800	28.3	71.6	75.7	78.0	79.4	79.8	80.5	80.7	80.7	80.9	81.1	81.1	81.1	81.1	81.2	81.2
>= 1500	28.4	72.2	76.6	79.3	81.0	81.6	82.4	82.7	82.7	82.8	83.1	83.1	83.1	83.1	83.2	83.2
>= 1200	28.5	72.7	77.4	80.2	81.9	82.6	83.5	83.8	83.8	84.0	84.2	84.2	84.2	84.2	84.3	84.3
>= 1000	28.6	73.1	77.8	81.1	83.6	84.2	85.3	85.7	85.7	85.9	86.2	86.2	86.2	86.2	86.3	86.3
>= 900	28.7	73.3	78.1	81.6	84.2	84.9	86.0	86.5	86.5	86.7	87.0	87.0	87.0	87.0	87.1	87.1
>= 800	28.7	73.5	78.4	82.1	84.9	85.7	86.8	87.5	87.5	87.9	88.2	88.3	88.3	88.3	88.3	88.3
>= 700	28.7	74.1	79.1	83.0	86.2	87.0	88.2	88.9	88.9	89.4	89.7	89.8	89.8	89.8	89.9	89.9
>= 600	28.7	74.3	79.4	83.2	86.6	87.5	89.0	89.8	89.8	90.3	90.6	90.7	90.7	90.7	90.8	90.8
>= 500	28.7	74.6	79.8	83.8	87.4	88.6	90.4	91.5	91.5	92.1	92.6	92.7	92.9	93.0	93.0	93.0
>= 400	28.7	74.6	79.8	84.0	87.8	89.1	91.2	92.7	92.7	93.5	94.1	94.2	94.5	94.6	94.7	94.7
>= 300	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.7	93.7	94.7	95.5	95.6	96.4	96.5	96.8	96.9
>= 200	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	93.8	95.1	96.1	96.2	97.3	97.6	98.1	98.5
>= 100	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	93.8	95.1	96.2	96.3	97.6	97.8	98.6	99.7
>= 0	28.7	74.7	80.0	84.1	88.2	89.6	92.0	93.8	93.8	95.1	96.2	96.3	97.6	97.8	98.7	100.0

TOTAL NO. OF OBS : 1235

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.3	42.8	43.4	43.6	43.7	43.8	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	44.0	44.0
>=20000	23.6	47.8	48.5	48.8	48.9	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
>=18000	23.8	48.5	49.2	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9
>=16000	24.0	48.7	49.5	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1
>=14000	24.9	50.3	51.1	51.6	51.7	51.7	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9
>=12000	25.8	52.3	53.2	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
>=10000	27.2	56.1	57.2	57.8	57.9	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>= 9000	27.3	56.4	57.5	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4
>= 8000	28.4	61.7	63.3	64.2	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 7000	29.0	64.1	65.8	66.9	67.0	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.4	67.4
>= 6000	29.2	64.9	66.7	67.8	68.0	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 5000	29.9	67.4	69.6	70.7	70.9	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
>= 4500	30.3	68.6	71.1	72.3	72.8	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2
>= 4000	30.9	70.4	73.0	74.4	74.9	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.4	75.4
>= 3500	31.2	71.1	73.7	75.1	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1
>= 3000	31.7	74.3	77.0	78.4	79.1	79.3	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8
>= 2500	32.1	75.5	78.4	79.8	80.6	80.8	81.1	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.5	81.5
>= 2000	32.5	76.6	79.8	81.4	82.4	82.7	83.1	83.2	83.2	83.4	83.5	83.5	83.5	83.5	83.6	83.6
>= 1800	32.5	76.8	80.0	81.5	82.6	82.8	83.2	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.7	83.7
>= 1500	32.6	77.4	80.9	82.5	83.7	84.0	84.5	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1
>= 1200	32.9	78.1	82.0	83.6	85.0	85.3	85.9	86.2	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6
>= 1000	33.0	78.6	82.6	84.5	86.0	86.3	87.3	87.8	87.8	88.1	88.3	88.3	88.3	88.3	88.3	88.3
>= 900	33.0	78.8	82.8	84.6	86.2	86.6	87.5	88.1	88.1	88.4	88.6	88.6	88.7	88.7	88.7	88.7
>= 800	33.0	78.9	82.8	85.0	86.8	87.1	88.2	88.8	88.8	89.1	89.5	89.5	89.7	89.7	89.8	89.8
>= 700	33.0	78.9	83.1	85.5	87.4	87.9	88.9	89.6	89.6	90.0	90.3	90.3	90.7	90.8	90.9	90.9
>= 600	33.0	79.0	83.2	85.7	88.0	88.5	90.0	91.0	91.0	91.5	92.0	92.0	92.4	92.5	92.6	92.6
>= 500	33.0	79.0	83.3	85.8	88.5	89.2	91.1	92.2	92.3	93.0	93.4	93.5	94.1	94.2	94.3	94.3
>= 400	33.0	79.0	83.4	85.9	88.6	89.6	91.7	93.1	93.2	94.1	94.7	94.8	95.4	95.5	95.6	95.6
>= 300	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.2	94.4	95.5	96.4	96.4	97.3	97.4	97.7	97.8
>= 200	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.4	94.7	95.8	96.7	96.8	97.8	97.9	98.4	99.0
>= 100	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.6	94.8	96.0	96.9	97.0	98.2	98.3	99.0	99.9
>= 0	33.0	79.1	83.6	86.1	88.8	90.0	92.6	94.6	94.8	96.0	96.9	97.0	98.2	98.3	99.0	100.0

TOTAL NO. OF OBS : 1235

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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	22.8	44.1	44.8	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.4	45.4
>=20000	24.0	49.8	50.7	51.4	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7
>=18000	24.1	50.1	51.1	51.7	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
>=16000	24.3	50.4	51.5	52.1	52.2	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
>=14000	25.0	51.9	52.9	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9
>=12000	26.3	53.9	55.1	55.8	55.9	55.9	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
>=10000	27.5	57.2	58.5	59.2	59.3	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6
>= 9000	27.6	57.6	59.0	59.7	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 8000	28.6	61.3	63.1	64.1	64.2	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
>= 7000	29.1	63.1	65.1	66.4	66.4	66.5	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0
>= 6000	29.2	64.2	66.4	67.8	67.8	67.9	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4
>= 5000	29.5	66.6	69.2	70.6	70.7	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.4
>= 4500	29.8	67.3	70.0	71.6	71.7	71.8	71.9	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
>= 4000	30.0	68.9	71.8	73.6	73.9	74.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 3500	30.2	70.0	72.9	74.9	75.1	75.2	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8
>= 3000	30.8	72.7	76.1	78.2	79.0	79.1	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
>= 2500	30.9	73.8	77.5	79.8	80.8	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.6
>= 2000	31.3	75.3	79.2	82.0	83.0	83.1	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0
>= 1800	31.3	75.5	79.4	82.2	83.2	83.4	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
>= 1500	31.6	76.4	80.4	83.6	84.8	85.1	85.5	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0
>= 1200	31.7	76.7	80.9	84.1	85.4	85.8	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
>= 1000	31.7	76.9	81.3	84.6	86.2	86.7	87.2	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.1	88.1
>= 900	31.8	77.2	81.7	84.9	86.7	87.2	87.7	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.6	88.6
>= 800	31.8	77.3	82.0	85.4	87.5	88.1	89.0	89.5	89.5	89.9	90.0	90.0	90.1	90.1	90.2	90.2
>= 700	31.8	77.6	82.5	86.1	88.2	88.9	89.9	90.5	90.5	91.1	91.2	91.2	91.4	91.4	91.6	91.7
>= 600	31.8	77.7	82.7	86.5	88.8	89.5	90.7	91.4	91.4	92.1	92.3	92.3	92.6	92.6	92.7	92.8
>= 500	31.8	77.8	82.8	86.6	89.1	90.0	91.3	92.2	92.2	93.1	93.4	93.4	93.8	93.9	94.1	94.2
>= 400	31.8	78.0	83.1	86.9	89.8	90.9	92.5	93.5	93.5	94.4	94.7	94.7	95.3	95.3	95.7	95.8
>= 300	31.8	78.1	83.1	87.1	90.0	91.2	92.8	94.2	94.2	95.4	96.2	96.2	96.9	97.0	97.6	97.7
>= 200	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.4	96.4	97.7	97.8	98.6	98.8
>= 100	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.5	96.5	97.9	98.0	99.0	99.5
>= 0	31.8	78.1	83.1	87.1	90.1	91.2	92.9	94.4	94.4	95.6	96.5	96.5	98.0	98.0	99.1	100.0

TOTAL NO. OF OBS : 1222

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	49.8	50.5	50.7	50.9	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.2	51.2
>=20000	20.6	53.9	54.8	55.1	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
>=18000	20.6	53.9	54.9	55.2	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7
>=16000	20.7	54.2	55.1	55.5	55.6	55.7	55.7	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=14000	21.3	55.5	56.6	56.9	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4
>=12000	21.7	56.8	57.9	58.2	58.3	58.4	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=10000	22.4	60.0	61.2	61.6	61.7	61.8	61.9	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.3
>= 9000	22.7	60.8	62.0	62.4	62.5	62.6	62.7	62.8	62.8	62.9	62.9	62.9	63.0	63.0	63.1	63.1
>= 8000	23.0	63.5	65.0	65.5	65.7	65.7	65.8	65.9	65.9	66.1	66.1	66.1	66.2	66.2	66.3	66.3
>= 7000	23.3	65.2	66.9	67.5	67.7	67.7	67.8	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.3	68.3
>= 6000	23.9	66.9	68.5	69.3	69.4	69.5	69.7	69.7	69.7	69.9	70.0	70.0	70.1	70.1	70.1	70.1
>= 5000	24.2	68.5	70.3	71.2	71.5	71.6	71.7	71.8	71.8	72.2	72.2	72.2	72.3	72.3	72.4	72.4
>= 4500	24.4	69.8	71.9	72.9	73.2	73.3	73.5	73.6	73.6	73.9	74.0	74.0	74.1	74.1	74.2	74.2
>= 4000	24.8	71.7	73.9	75.1	75.4	75.5	75.8	76.0	76.0	76.3	76.4	76.4	76.5	76.5	76.6	76.6
>= 3500	25.0	72.7	75.0	76.3	76.6	76.7	77.0	77.2	77.2	77.5	77.6	77.6	77.7	77.7	77.8	77.8
>= 3000	25.2	75.0	77.8	79.1	79.4	79.5	79.8	80.0	80.0	80.4	80.5	80.5	80.6	80.6	80.7	80.7
>= 2500	25.4	75.7	78.7	80.1	80.5	80.6	80.9	81.1	81.1	81.5	81.6	81.6	81.7	81.7	81.8	81.8
>= 2000	25.5	77.0	80.3	81.9	82.3	82.5	82.8	83.1	83.1	83.5	83.6	83.6	83.7	83.7	83.8	83.8
>= 1800	25.6	77.3	80.6	82.1	82.6	82.7	83.1	83.4	83.4	83.8	83.9	83.9	83.9	83.9	84.0	84.0
>= 1500	25.8	78.1	81.5	83.3	83.9	84.1	84.7	85.1	85.1	85.5	85.6	85.6	85.6	85.6	85.7	85.7
>= 1200	25.8	78.7	82.3	84.4	85.2	85.4	86.0	86.4	86.4	86.8	86.8	86.8	86.9	86.9	87.0	87.0
>= 1000	25.8	79.1	82.7	85.3	86.5	86.8	87.5	87.9	87.9	88.3	88.4	88.4	88.4	88.4	88.5	88.5
>= 900	25.8	79.3	83.1	85.8	87.2	87.5	88.2	88.6	88.7	89.1	89.2	89.2	89.3	89.3	89.4	89.4
>= 800	25.8	79.4	83.2	86.1	87.8	88.1	88.8	89.2	89.3	89.9	90.0	90.0	90.1	90.1	90.2	90.2
>= 700	25.8	79.4	83.3	86.5	88.4	88.7	89.4	89.8	90.0	90.5	90.6	90.6	90.8	90.8	90.9	90.9
>= 600	25.8	79.5	83.5	86.9	88.9	89.3	90.1	90.5	90.7	91.4	91.5	91.5	91.7	91.7	91.7	91.7
>= 500	25.8	79.5	83.6	87.2	89.6	90.2	91.3	92.0	92.1	92.9	93.1	93.1	93.3	93.4	93.5	93.6
>= 400	25.8	79.5	83.9	87.6	90.6	91.2	92.7	93.5	93.7	94.5	94.7	94.7	95.1	95.2	95.3	95.4
>= 300	25.8	79.6	84.0	87.8	90.9	91.6	93.3	94.4	94.6	95.7	96.0	96.0	96.5	96.6	96.9	97.0
>= 200	25.8	79.6	84.0	87.8	90.9	91.7	93.5	94.6	94.9	96.1	96.7	96.7	97.4	97.4	98.0	98.1
>= 100	25.8	79.6	84.0	87.8	91.0	91.7	93.6	94.8	95.0	96.3	96.9	96.9	97.7	97.8	98.6	99.0
>= 0	25.8	79.6	84.0	87.8	91.0	91.7	93.6	94.8	95.0	96.3	96.9	96.9	97.7	97.8	98.7	100.0

TOTAL NO. OF OBS : 1246

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	20.7	51.5	52.5	52.9	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4
>=20000	21.3	55.0	56.1	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=18000	21.3	55.0	56.1	56.5	56.6	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
>=16000	21.3	55.3	56.3	56.7	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
>=14000	21.4	56.0	57.0	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9
>=12000	21.8	57.3	58.4	58.8	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.3	59.3
>=10000	22.5	60.5	61.8	62.2	62.4	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.8	62.8
>= 9000	22.5	61.2	62.6	63.0	63.1	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
>= 8000	23.1	65.4	67.1	67.6	67.7	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3
>= 7000	23.1	66.1	68.0	68.4	68.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2
>= 6000	23.3	67.2	69.1	69.6	69.8	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
>= 5000	23.7	69.3	71.3	72.0	72.2	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9	72.9
>= 4500	24.0	70.4	72.5	73.3	73.5	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.3	74.3
>= 4000	24.2	71.6	73.7	74.5	74.8	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.6
>= 3500	24.2	72.2	74.5	75.5	75.8	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8
>= 3000	24.5	74.4	77.1	78.2	78.6	78.8	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.6	79.6
>= 2500	24.7	75.4	78.3	79.5	80.1	80.3	80.9	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2
>= 2000	25.0	77.2	80.2	81.5	82.2	82.6	83.2	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5
>= 1800	25.1	77.3	80.4	81.7	82.5	82.8	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8
>= 1500	25.4	78.0	81.4	82.7	83.5	83.9	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9
>= 1200	25.4	78.5	81.9	83.5	84.5	84.8	85.5	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9
>= 1000	25.4	78.9	82.5	84.3	85.3	85.7	86.6	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.1	87.1
>= 900	25.4	79.0	82.6	84.6	85.7	86.1	87.0	87.1	87.1	87.3	87.4	87.4	87.5	87.5	87.6	87.6
>= 800	25.4	79.0	82.9	85.1	86.3	86.9	88.0	88.2	88.2	88.4	88.4	88.4	88.5	88.5	88.6	88.6
>= 700	25.5	79.6	83.7	85.9	87.3	88.0	89.1	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8
>= 600	25.5	79.9	84.1	86.4	87.9	88.6	89.8	90.1	90.1	90.4	90.5	90.5	90.6	90.6	90.7	90.7
>= 500	25.5	80.1	84.3	86.9	88.5	89.5	90.7	91.2	91.2	91.6	91.7	91.7	91.8	91.8	92.0	92.0
>= 400	25.5	80.1	84.4	87.3	89.2	90.3	91.6	92.3	92.3	93.0	93.3	93.3	93.5	93.5	93.7	93.7
>= 300	25.5	80.2	84.7	87.8	90.0	91.2	92.8	93.5	93.5	94.5	95.1	95.2	95.4	95.4	95.6	95.7
>= 200	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	94.1	95.2	96.0	96.1	96.7	96.7	96.9	97.2
>= 100	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	94.1	95.5	96.5	96.6	97.3	97.3	97.8	98.5
>= 0	25.5	80.2	84.7	88.1	90.3	91.6	93.3	94.1	94.1	95.6	96.6	96.8	97.7	97.8	98.6	100.0

TOTAL NO. OF OBS : 1245

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JAN
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	20.0	46.0	47.1	47.6	47.9	48.0	48.1	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2
>=20000	20.6	50.1	51.3	51.9	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6
>=18000	20.7	50.3	51.5	52.1	52.4	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.8	52.8
>=16000	20.8	50.5	51.7	52.3	52.6	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
>=14000	21.5	51.7	52.9	53.5	53.8	53.9	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
>=12000	22.1	53.2	54.5	55.1	55.4	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=10000	23.0	56.5	58.1	58.8	59.1	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.6	59.6
>= 9000	23.2	57.1	58.7	59.3	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2
>= 8000	24.0	61.2	63.1	63.9	64.3	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9
>= 7000	24.3	62.8	64.8	65.7	66.2	66.3	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8
>= 6000	24.6	64.0	66.1	67.1	67.5	67.7	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.2	68.2
>= 5000	25.0	66.1	68.4	69.6	70.1	70.2	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.8	70.8
>= 4500	25.2	67.4	69.9	71.2	71.7	71.9	72.2	72.3	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5
>= 4000	25.6	69.1	71.8	73.2	73.9	74.1	74.4	74.5	74.5	74.6	74.6	74.6	74.7	74.7	74.7	74.8
>= 3500	25.8	70.0	72.7	74.3	74.9	75.2	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9
>= 3000	26.1	72.1	75.1	76.8	77.6	77.9	78.3	78.4	78.4	78.5	78.6	78.6	78.6	78.6	78.7	78.7
>= 2500	26.3	73.1	76.3	78.1	79.1	79.3	79.7	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.2	80.3
>= 2000	26.5	74.3	77.8	79.8	80.8	81.1	81.6	81.8	81.8	82.0	82.1	82.1	82.1	82.1	82.2	82.2
>= 1800	26.6	74.6	78.0	80.1	81.1	81.4	81.9	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.5	82.5
>= 1500	26.7	75.3	79.0	81.2	82.4	82.8	83.4	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.1	84.1
>= 1200	26.8	75.8	79.7	82.0	83.3	83.7	84.4	84.6	84.7	84.9	85.0	85.0	85.1	85.1	85.1	85.2
>= 1000	26.8	76.3	80.2	82.9	84.5	84.9	85.8	86.1	86.2	86.4	86.6	86.6	86.7	86.7	86.7	86.8
>= 900	26.8	76.5	80.5	83.3	85.0	85.5	86.3	86.7	86.8	87.1	87.2	87.3	87.3	87.3	87.4	87.5
>= 800	26.8	76.6	80.8	83.7	85.7	86.3	87.2	87.7	87.7	88.1	88.3	88.3	88.4	88.4	88.5	88.6
>= 700	26.9	76.9	81.2	84.3	86.5	87.1	88.0	88.6	88.6	89.1	89.4	89.4	89.5	89.6	89.6	89.7
>= 600	26.9	77.1	81.5	84.7	87.0	87.7	88.9	89.5	89.5	90.1	90.4	90.4	90.6	90.6	90.7	90.8
>= 500	26.9	77.2	81.8	85.0	87.7	88.6	90.0	90.8	90.8	91.6	91.9	91.9	92.2	92.3	92.4	92.5
>= 400	26.9	77.3	81.9	85.4	88.4	89.5	91.1	92.1	92.2	93.1	93.5	93.5	93.9	94.0	94.1	94.2
>= 300	26.9	77.4	82.1	85.7	88.9	90.1	92.1	93.3	93.4	94.6	95.2	95.2	95.8	95.9	96.2	96.4
>= 200	26.9	77.5	82.2	85.8	89.1	90.3	92.4	93.7	93.9	95.2	96.0	96.0	96.9	97.0	97.5	97.8
>= 100	26.9	77.5	82.2	85.8	89.1	90.4	92.5	93.8	93.9	95.4	96.2	96.2	97.3	97.4	98.2	99.0
>= 0	26.9	77.5	82.2	85.8	89.1	90.4	92.5	93.8	93.9	95.4	96.3	96.3	97.4	97.6	98.5	100.0

TOTAL NO. OF OBS : 9939

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	2.5	2.7	1.8	.3	.1	.0	.1	.0	.0	.0	9.0	8.3
NNE	.4	1.5	.9	1.1	.3	.1	.0	.0	.0	.0	.0	4.2	9.0
NE	.3	1.3	1.0	.0	.1	.0	.0	.0	.0	.0	.0	2.8	6.6
ENE	.3	1.3	.6	.3	.0	.0	.0	.0	.0	.0	.0	2.5	6.7
E	.7	.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	2.4	6.5
ESE	.8	1.5	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.1
SE	.8	1.3	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.2	5.7
SSE	.9	1.3	.8	.4	.2	.1	.0	.0	.0	.0	.0	3.6	7.4
S	1.0	1.6	2.2	.8	.2	.0	.0	.0	.0	.0	.0	5.8	7.6
SSW	.8	1.5	1.7	1.5	.3	.1	.0	.0	.0	.0	.0	5.8	9.0
SW	.3	.9	2.3	2.2	.7	.0	.0	.0	.0	.0	.0	6.4	10.5
WSW	1.0	1.0	1.5	.8	.0	.1	.0	.0	.0	.0	.0	4.4	7.5
W	.6	1.6	1.3	.9	.6	.0	.0	.0	.0	.0	.0	4.9	8.5
WNW	.9	1.3	1.6	2.0	.7	.2	.1	.0	.0	.0	.0	6.7	10.1
NW	2.1	2.7	2.8	2.8	1.5	.6	.3	.0	.0	.0	.0	12.6	10.5
NNW	1.3	2.5	3.7	2.9	.5	.2	.1	.0	.0	.0	.0	11.2	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	11.4	.0
ALL	13.7	24.3	25.6	17.9	5.3	1.4	.4	.1	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.5	3.8	1.8	.3	.0	.1	.0	.0	.0	.0	8.9	8.4
NNE	.4	.8	1.9	1.1	.1	.2	.0	.0	.0	.0	.0	4.5	9.3
NE	.5	1.3	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.6	7.1
ENE	.3	.8	1.6	.0	.0	.0	.0	.0	.0	.0	.0	2.6	6.7
E	1.0	1.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.4	5.6
ESE	.3	.9	.3	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.2
SE	.8	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.9
SSE	.9	1.1	.7	.4	.2	.0	.0	.0	.0	.0	.0	3.4	6.7
S	.3	1.0	.9	.4	.1	.2	.0	.0	.0	.0	.0	3.0	8.6
SSW	.3	1.0	2.6	.9	.1	.2	.0	.0	.0	.0	.0	5.2	9.1
SW	.4	1.4	1.6	2.3	.9	.1	.0	.0	.0	.0	.0	6.6	10.6
WSW	.3	.8	1.9	1.1	.1	.1	.0	.0	.0	.0	.0	4.2	9.2
W	.8	2.5	1.0	.7	.2	.1	.1	.0	.0	.0	.0	5.4	7.4
WNW	.9	1.8	2.2	1.7	.9	.3	.1	.0	.0	.0	.0	7.9	10.3
NW	2.0	3.7	2.9	2.2	.8	.6	.3	.0	.0	.0	.0	12.4	9.2
NNW	1.5	3.0	3.8	2.8	.5	.1	.1	.0	.0	.0	.0	11.7	8.8
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	12.0	.0
ALL	12.2	24.2	28.4	16.7	4.1	1.8	.6	.0	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.2	2.6	1.6	.3	.0	.0	.0	.0	.0	.0	7.4	8.4
NNE	.8	.9	1.6	.8	.4	.2	.0	.0	.0	.0	.0	4.7	9.3
NE	.5	1.6	1.3	.7	.1	.0	.0	.0	.0	.0	.0	4.2	7.3
ENE	.5	.9	1.7	.0	.1	.0	.0	.0	.0	.0	.0	3.2	6.8
E	.3	1.4	.8	.3	.1	.0	.0	.0	.0	.0	.0	2.9	6.8
ESE	.6	.4	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
SE	.4	1.4	.9	.3	.1	.0	.0	.0	.0	.0	.0	3.2	7.1
SSE	.6	.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.4	6.3
S	.8	.8	.8	.7	.0	.1	.0	.0	.0	.0	.0	3.1	7.6
SSW	.2	.9	1.6	1.2	.1	.1	.0	.0	.0	.0	.0	4.1	9.3
SW	1.4	.9	2.1	2.0	.5	.0	.0	.0	.0	.0	.0	6.8	9.0
WSW	.5	1.5	2.1	.6	.3	.0	.0	.0	.0	.0	.0	4.9	8.1
W	.9	2.8	1.6	1.0	.1	.1	.0	.0	.0	.0	.0	6.5	7.3
WNW	1.1	2.4	1.6	1.8	.6	.5	.1	.0	.0	.0	.0	8.2	9.7
NW	1.9	2.4	2.4	3.5	1.1	.8	.3	.2	.0	.0	.0	12.5	11.0
NNW	1.5	3.3	3.2	2.6	.5	.1	.1	.0	.0	.0	.0	11.2	8.6
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	12.6	.0
ALL	12.7	24.5	26.0	17.5	4.2	1.8	.4	.2	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 1000 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.8	3.4	1.7	.5	.1	.0	.0	.0	.0	.0	8.2	9.1
NNE	.8	2.2	2.2	1.6	.4	.0	.0	.0	.0	.0	.0	7.1	8.5
NE	.7	2.2	1.5	.6	.3	.0	.0	.0	.0	.0	.0	5.2	7.3
ENE	.3	1.2	.9	.3	.0	.0	.0	.0	.0	.0	.0	2.8	6.7
E	.9	2.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.1
ESE	.2	1.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.8	6.1
SE	.5	1.7	1.7	.9	.3	.0	.0	.0	.0	.0	.0	5.1	7.7
SSE	.2	1.1	.9	.9	.1	.0	.0	.0	.0	.0	.0	3.2	8.3
S	.3	.9	.7	.7	.3	.0	.0	.0	.0	.0	.0	2.8	9.1
SSW	.3	1.2	.9	1.6	.2	.0	.0	.0	.0	.0	.0	4.1	9.5
SW	.5	.9	2.7	2.0	.4	.3	.0	.0	.0	.0	.0	6.7	10.4
WSW	.3	1.2	1.4	1.6	1.1	.0	.0	.0	.0	.0	.0	5.5	11.1
W	.6	1.3	1.6	1.3	.3	.1	.0	.0	.0	.0	.0	5.3	9.4
WNW	.5	1.8	2.0	1.6	1.1	.7	.3	.1	.0	.0	.0	8.2	12.3
NW	.5	2.8	4.5	4.9	2.5	1.4	.4	.1	.0	.0	.0	17.2	12.7
NNW	.3	1.5	3.3	2.5	.7	.3	.2	.0	.0	.0	.0	8.6	11.2
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	4.2	.0
ALL	7.4	25.2	28.8	22.1	8.3	2.8	.9	.2	.0	.0	.0	100.0	9.5

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.0	2.8	1.9	.3	.1	.0	.0	.0	.0	.0	8.0	8.6
NNE	.8	1.9	2.8	.9	.3	.0	.0	.0	.0	.0	.0	6.6	7.8
NE	.9	2.2	2.2	.8	.1	.0	.0	.0	.0	.0	.0	6.1	7.2
ENE	.7	1.7	.6	.3	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
E	.7	1.6	.8	.3	.0	.0	.0	.0	.0	.0	.0	3.4	5.8
ESE	.6	1.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	3.3	5.7
SE	.3	2.5	4.2	2.2	.2	.0	.0	.0	.0	.0	.0	9.4	8.7
SSE	.3	.9	1.7	1.8	.2	.1	.0	.0	.0	.0	.0	5.0	9.5
S	.0	.7	.9	1.2	.1	.0	.0	.0	.0	.0	.0	2.9	9.9
SSW	.2	.7	1.2	.7	.3	.1	.0	.0	.0	.0	.0	3.2	10.2
SW	.0	.5	1.7	2.2	.9	.3	.0	.0	.0	.0	.0	5.5	12.7
WSW	.1	.6	1.3	1.1	.4	.1	.0	.0	.0	.0	.0	3.6	11.1
W	.0	.7	2.3	2.1	.7	.2	.0	.0	.0	.0	.0	6.0	11.6
WNW	.0	.9	1.5	2.6	1.9	1.4	.5	.0	.0	.0	.0	8.7	15.7
NW	.3	1.6	2.8	5.4	2.5	1.6	.3	.0	.0	.0	.0	14.3	13.9
NNW	.4	1.7	2.9	3.0	.6	.2	.1	.0	.0	.0	.0	9.0	10.6
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	1.6	.0
ALL	6.2	21.9	30.6	26.3	8.5	4.0	.9	.0	.0	.0	.0	100.0	10.2

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.2	2.2	1.1	.2	.2	.0	.0	.0	.0	.0	6.9	7.9
NNE	.3	2.8	3.2	.9	.2	.2	.0	.0	.0	.0	.0	7.5	8.0
NE	.9	2.8	1.8	.3	.2	.0	.0	.0	.0	.0	.0	6.0	6.3
ENE	.7	.3	.9	.3	.3	.1	.0	.0	.0	.0	.0	2.6	8.5
E	.8	.9	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.6	5.6
ESE	.9	1.9	.8	.3	.0	.1	.0	.0	.0	.0	.0	3.9	6.0
SE	.9	4.2	5.4	1.6	.2	.0	.0	.0	.0	.0	.0	12.3	7.6
SSE	.5	1.9	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	9.2	9.0
S	.0	.4	.9	1.4	.1	.0	.0	.0	.0	.0	.0	2.8	10.7
SSW	.0	.8	.6	1.0	.1	.1	.0	.0	.0	.0	.0	2.6	10.2
SW	.0	.2	1.0	1.7	.7	.0	.0	.0	.0	.0	.0	3.6	12.6
WSW	.3	.3	1.4	1.1	.2	.0	.1	.0	.0	.0	.0	3.4	10.2
W	.0	1.1	1.5	1.6	.3	.1	.1	.0	.0	.0	.0	4.7	10.6
WNW	.3	.2	1.4	2.6	1.2	.7	.2	.0	.0	.0	.0	6.6	14.4
NW	.5	1.3	3.5	4.2	2.3	1.7	.3	.2	.0	.0	.0	14.1	14.1
NNW	.4	1.5	3.1	2.8	.7	.2	.0	.0	.0	.0	.0	8.7	10.4
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	2.5	.0
ALL	7.7	22.8	32.2	24.2	6.5	3.3	.7	.2	.0	.0	.0	100.0	9.6

TOTAL NO. OF OBS : 1158

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	3.2	2.3	1.6	.3	.1	.0	.1	.0	.0	.0	9.0	8.0
NNE	1.1	1.1	1.7	.3	.1	.1	.1	.0	.0	.0	.0	4.6	7.4
NE	.7	.9	.6	.4	.3	.0	.0	.0	.0	.0	.0	2.9	7.7
ENE	.5	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.9
E	.9	.3	1.0	.3	.1	.0	.0	.0	.0	.0	.0	2.6	7.0
ESE	.4	.6	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.6	5.9
SE	1.2	2.3	2.1	.5	.2	.1	.0	.0	.0	.0	.0	6.4	6.9
SSE	1.1	4.8	2.5	.7	.0	.0	.0	.0	.0	.0	.0	9.1	6.3
S	1.2	3.5	2.5	.9	.2	.0	.0	.0	.0	.0	.0	8.3	7.1
SSW	.7	1.0	1.1	1.1	.0	.1	.0	.0	.0	.0	.0	4.0	8.3
SW	.6	1.1	1.1	1.2	.2	.2	.0	.0	.0	.0	.0	4.4	8.8
WSW	.4	.*	.3	.4	.2	.0	.0	.0	.0	.0	.0	2.1	8.2
W	.7	.8	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.8
WNW	.7	1.0	1.7	2.2	1.0	.4	.3	.0	.0	.0	.0	7.3	12.0
NW	1.0	1.6	2.9	2.9	1.0	1.0	.2	.2	.0	.0	.0	10.8	11.9
NNW	2.0	2.2	2.6	2.6	.1	.3	.2	.0	.0	.0	.0	9.9	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	14.7	26.4	24.6	15.7	3.5	2.2	.7	.3	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1156

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.6	2.5	2.0	.6	.2	.0	.0	.0	.0	.0	8.6	9.2
NNE	.6	1.2	1.0	.6	.1	.0	.0	.0	.0	.0	.0	3.5	7.1
NE	.7	1.0	1.0	.6	.2	.0	.0	.0	.0	.0	.0	3.4	7.6
ENE	.3	1.0	.7	.4	.0	.0	.0	.0	.0	.0	.0	2.4	6.9
E	1.0	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.9	5.9
ESE	.8	1.3	.7	.0	.1	.0	.0	.0	.0	.0	.0	2.9	5.7
SE	1.2	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	5.4	6.8
SSE	.4	2.7	2.2	.3	.2	.0	.0	.0	.0	.0	.0	5.7	6.8
S	1.6	2.2	2.5	1.3	.1	.0	.0	.0	.0	.0	.0	7.7	7.0
SSW	.5	1.5	2.3	.6	.4	.0	.0	.0	.0	.0	.0	5.4	8.2
SW	.7	1.2	.8	1.6	.6	.1	.0	.0	.0	.0	.0	5.0	10.1
WSW	.2	.3	.7	.6	.0	.1	.0	.0	.0	.0	.0	1.9	10.0
W	.7	1.4	1.4	.9	.2	.0	.0	.0	.0	.0	.0	4.5	8.0
WNW	.7	1.9	1.5	1.8	.8	.3	.1	.1	.0	.0	.0	7.1	10.5
NW	1.4	2.6	2.4	2.7	1.5	.9	.4	.1	.0	.0	.0	11.9	11.6
NNW	1.6	2.4	3.1	2.2	.3	.2	.1	.0	.0	.0	.0	9.9	8.6
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	11.8	.0
ALL	13.0	26.1	24.7	16.9	5.1	1.6	.6	.2	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1156

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.3	2.8	1.7	.3	.1	.0*	.0*	.0	.0	.0	8.3	8.5
NNE	.7	1.5	1.9	.9	.2	.1	.0*	.0	.0	.0	.0	5.3	8.3
NE	.7	1.7	1.3	.5	.1	.0	.0	.0	.0	.0	.0	4.3	7.1
ENE	.4	1.1	1.0	.2	.0*	.0*	.0	.0	.0	.0	.0	2.8	6.7
E	.8	1.2	.8	.3	.0*	.0	.0	.0	.0	.0	.0	3.0	6.0
ESE	.6	1.2	.6	.1	.0*	.0*	.0	.0	.0	.0	.0	2.5	5.8
SE	.8	2.1	2.2	.8	.1	.0*	.0	.0	.0	.0	.0	6.1	7.4
SSE	.6	1.8	1.7	1.0	.1	.0*	.0	.0	.0	.0	.0	5.2	7.6
S	.7	1.4	1.4	.9	.1	.0*	.0	.0	.0	.0	.0	4.6	8.0
SSW	.4	1.1	1.5	1.1	.2	.1	.0	.0	.0	.0	.0	4.3	9.1
SW	.5	.9	1.7	1.9	.6	.1	.0	.0	.0	.0	.0	5.6	10.5
WSW	.4	.8	1.3	.9	.3	.0*	.0*	.0	.0	.0	.0	3.8	9.5
W	.5	1.5	1.5	1.1	.3	.1	.0*	.0	.0	.0	.0	4.9	8.8
WNW	.6	1.4	1.7	2.1	1.0	.6	.2	.0*	.0	.0	.0	7.6	11.9
NW	1.2	2.3	3.0	3.6	1.7	1.1	.3	.1	.0	.0	.0	13.2	12.0
NNW	1.1	2.3	3.2	2.7	.5	.2	.1	.0	.0	.0	.0	10.0	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	8.5	.0
ALL	11.0	24.4	27.6	19.7	5.7	2.4	.7	.1	.0	.0	.0	100.0	8.4

TOTAL NO. OF OBS : 9260

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	20.4	50.2	51.8	52.2	52.8	52.8	53.0	53.2	53.2	53.3	53.5	53.5	53.5	53.5	53.7	53.7
>=20000	20.8	53.2	54.8	55.2	56.0	56.1	56.3	56.4	56.4	56.5	56.8	56.8	56.8	56.8	57.0	57.0
>=18000	20.8	53.2	54.8	55.2	56.0	56.1	56.3	56.4	56.4	56.5	56.8	56.8	56.8	56.8	57.0	57.0
>=16000	20.9	53.4	55.0	55.4	56.2	56.3	56.4	56.6	56.6	56.7	57.0	57.0	57.0	57.0	57.1	57.1
>=14000	20.9	53.7	55.3	55.7	56.6	56.7	56.9	57.1	57.1	57.1	57.4	57.4	57.4	57.4	57.6	57.6
>=12000	21.5	55.0	56.6	57.1	57.9	58.0	58.2	58.4	58.4	58.5	58.7	58.7	58.7	58.7	58.9	59.0
>=10000	22.0	57.9	59.9	60.3	61.3	61.4	61.6	61.9	61.9	62.1	62.3	62.3	62.3	62.3	62.5	62.6
>= 9000	22.2	58.9	60.9	61.3	62.4	62.5	62.7	62.9	62.9	63.1	63.4	63.4	63.4	63.4	63.5	63.6
>= 8000	22.3	60.9	63.0	63.5	64.6	64.7	64.9	65.1	65.1	65.3	65.6	65.6	65.6	65.6	65.7	65.8
>= 7000	22.8	62.4	64.6	65.3	66.3	66.4	66.6	66.9	66.9	67.0	67.3	67.3	67.3	67.3	67.5	67.6
>= 6000	23.5	63.9	66.2	66.9	68.0	68.1	68.3	68.5	68.5	68.7	69.0	69.0	69.0	69.0	69.1	69.2
>= 5000	23.8	65.4	67.8	68.5	69.7	69.8	70.0	70.3	70.3	70.5	70.7	70.7	70.7	70.7	70.9	71.0
>= 4500	24.3	67.0	70.1	70.8	72.0	72.1	72.4	72.7	72.7	72.8	73.1	73.1	73.1	73.1	73.3	73.4
>= 4000	24.5	69.1	72.5	73.3	74.4	74.7	74.9	75.2	75.2	75.4	75.6	75.6	75.6	75.6	75.8	75.9
>= 3500	24.5	69.6	73.0	73.8	74.9	75.2	75.5	75.8	75.8	76.0	76.2	76.2	76.2	76.2	76.4	76.5
>= 3000	24.7	71.7	75.3	76.2	77.5	77.8	78.2	78.5	78.5	78.8	79.1	79.1	79.1	79.1	79.2	79.3
>= 2500	24.8	72.7	76.4	77.5	78.7	79.1	79.5	79.8	79.8	80.1	80.4	80.4	80.4	80.4	80.5	80.6
>= 2000	25.2	74.1	78.0	79.3	80.7	81.2	81.5	81.9	81.9	82.1	82.4	82.4	82.4	82.4	82.6	82.6
>= 1800	25.2	74.1	78.0	79.3	80.8	81.2	81.6	81.9	81.9	82.2	82.5	82.5	82.5	82.5	82.6	82.7
>= 1500	25.3	74.6	78.8	80.2	81.9	82.4	82.7	83.1	83.1	83.4	83.7	83.7	83.7	83.7	83.9	84.0
>= 1200	25.3	74.9	79.3	80.7	82.5	82.9	83.3	83.7	83.7	84.0	84.3	84.3	84.3	84.3	84.5	84.7
>= 1000	25.3	75.6	80.0	81.6	83.5	84.0	84.6	85.0	85.0	85.5	85.7	85.7	85.7	85.7	85.9	86.1
>= 900	25.3	75.9	80.5	82.1	84.1	84.7	85.3	85.7	85.7	86.2	86.4	86.4	86.4	86.4	86.6	86.8
>= 800	25.3	76.2	80.7	82.4	84.6	85.2	86.0	86.4	86.4	86.9	87.2	87.2	87.2	87.2	87.4	87.6
>= 700	25.3	76.2	80.9	82.6	84.9	85.5	86.3	86.8	86.8	87.2	87.6	87.6	87.6	87.6	87.7	87.9
>= 600	25.4	76.3	81.2	83.1	85.5	86.2	87.1	87.6	87.6	88.0	88.5	88.5	88.6	88.6	88.8	89.0
>= 500	25.4	76.5	81.5	83.6	86.3	87.3	88.4	89.0	89.0	89.5	90.0	90.0	90.1	90.1	90.3	90.4
>= 400	25.4	76.8	81.8	84.3	87.4	88.3	89.9	90.6	90.6	91.1	91.7	91.7	91.9	92.0	92.2	92.4
>= 300	25.4	76.9	81.9	84.8	88.1	89.1	90.9	91.8	91.8	92.7	93.4	93.4	93.7	93.8	94.0	94.1
>= 200	25.4	77.0	82.0	84.9	88.4	89.7	91.7	92.7	92.9	93.8	94.9	95.0	95.5	95.7	95.9	96.1
>= 100	25.4	77.0	82.0	84.9	88.4	89.7	91.8	92.8	93.0	94.2	95.6	95.7	96.6	96.8	97.8	98.4
>= 0	25.4	77.0	82.0	84.9	88.4	89.7	91.8	92.8	93.0	94.2	95.6	95.7	96.7	96.8	98.2	100.0

TOTAL NO. OF OBS : 1141

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.5	49.4	50.7	51.6	52.2	52.2	52.3	52.3	52.3	52.3	52.4	52.4	52.6	52.6	52.6	52.7
>=20000	19.9	52.9	54.3	55.4	55.9	55.9	56.1	56.3	56.3	56.3	56.4	56.4	56.5	56.5	56.5	56.6
>=18000	19.9	53.0	54.5	55.6	56.1	56.1	56.3	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.8
>=16000	20.0	53.1	54.6	55.7	56.2	56.2	56.4	56.5	56.5	56.5	56.6	56.6	56.8	56.8	56.8	56.9
>=14000	20.4	53.6	55.1	56.2	56.7	56.7	56.9	57.1	57.1	57.1	57.2	57.2	57.3	57.3	57.3	57.4
>=12000	20.8	54.8	56.5	57.5	58.0	58.0	58.2	58.4	58.4	58.4	58.5	58.5	58.6	58.6	58.6	58.7
>=10000	21.2	57.2	58.8	60.0	60.6	60.6	60.8	60.9	60.9	60.9	61.0	61.0	61.2	61.2	61.2	61.3
>= 9000	21.5	57.8	59.4	60.6	61.2	61.2	61.5	61.6	61.6	61.6	61.7	61.7	61.9	61.9	61.9	62.0
>= 8000	21.8	60.4	62.2	63.6	64.2	64.3	64.5	64.7	64.7	64.7	64.8	64.8	65.0	65.0	65.0	65.1
>= 7000	22.5	61.7	63.7	65.1	65.7	65.8	66.0	66.2	66.2	66.2	66.3	66.3	66.5	66.5	66.5	66.5
>= 6000	23.2	63.7	65.8	67.2	67.8	67.9	68.1	68.3	68.3	68.3	68.4	68.4	68.7	68.7	68.7	68.7
>= 5000	23.5	65.4	67.5	69.1	70.0	70.1	70.5	70.7	70.7	70.8	70.9	70.9	71.2	71.2	71.2	71.3
>= 4500	23.7	66.8	69.0	70.6	71.5	71.6	72.0	72.2	72.2	72.3	72.3	72.4	72.7	72.7	72.7	72.8
>= 4000	24.0	68.4	70.7	72.3	73.3	73.4	73.8	74.1	74.1	74.2	74.3	74.4	74.6	74.6	74.6	74.7
>= 3500	24.1	69.2	71.5	73.2	74.3	74.4	74.8	75.1	75.1	75.2	75.2	75.3	75.6	75.6	75.6	75.7
>= 3000	24.1	70.7	73.3	75.3	76.6	76.6	77.1	77.3	77.3	77.4	77.5	77.6	77.9	77.9	77.9	78.0
>= 2500	24.2	71.7	74.5	76.6	78.0	78.1	78.7	78.9	78.9	79.0	79.1	79.2	79.5	79.5	79.5	79.6
>= 2000	24.7	73.0	76.2	78.4	79.8	80.1	80.9	81.1	81.1	81.2	81.3	81.4	81.7	81.7	81.7	81.9
>= 1800	24.8	73.4	76.6	78.8	80.2	80.5	81.3	81.6	81.6	81.7	81.7	81.8	82.2	82.2	82.2	82.4
>= 1500	25.0	73.9	77.3	79.6	81.3	81.7	82.5	82.9	82.9	83.1	83.1	83.2	83.6	83.6	83.6	83.8
>= 1200	25.0	74.3	77.7	80.2	82.0	82.4	83.3	83.7	83.7	83.8	83.9	84.0	84.4	84.4	84.4	84.5
>= 1000	25.0	74.5	78.0	80.4	82.3	82.6	83.8	84.1	84.1	84.4	84.5	84.5	84.9	84.9	84.9	85.1
>= 900	25.0	74.5	78.1	80.9	82.9	83.3	84.5	85.0	85.0	85.3	85.3	85.4	85.8	85.8	85.8	86.0
>= 800	25.0	75.1	78.8	81.6	83.6	84.0	85.2	85.9	85.9	86.2	86.3	86.4	86.7	86.7	86.7	86.9
>= 700	25.0	75.4	79.2	82.0	84.3	84.8	86.0	86.8	86.8	87.3	87.4	87.4	87.9	87.9	87.9	88.1
>= 600	25.0	75.7	79.5	82.4	84.8	85.3	86.7	87.7	87.7	88.2	88.4	88.5	88.9	88.9	88.9	89.1
>= 500	25.0	75.7	79.5	82.4	85.2	85.8	87.4	88.4	88.5	89.1	89.3	89.4	89.8	89.8	89.8	90.0
>= 400	25.0	75.8	79.6	83.0	85.9	86.6	88.2	89.5	89.6	90.3	90.6	90.7	91.2	91.2	91.2	91.4
>= 300	25.0	75.8	79.7	83.1	86.3	87.2	89.4	91.0	91.0	92.0	92.4	92.5	93.2	93.2	93.4	93.6
>= 200	25.0	75.8	79.7	83.1	86.6	87.4	89.7	91.6	91.7	93.1	93.5	93.6	94.6	94.6	94.9	95.3
>= 100	25.0	75.8	79.7	83.1	86.6	87.5	89.8	91.8	91.9	93.5	93.9	94.0	95.6	95.7	96.1	97.3
>= 0	25.0	75.8	79.7	83.1	86.6	87.5	89.8	91.8	91.9	93.5	94.0	94.1	95.8	95.9	96.9	100.0

TOTAL NO. OF OBS : 1139

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	16.8	42.4	44.3	45.5	46.0	46.4	46.8	47.0	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.2
>=20000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4
>=18000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4
>=16000	17.3	45.8	48.0	49.5	50.0	50.5	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.4
>=14000	18.1	46.9	49.1	50.6	51.2	51.7	52.2	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.6
>=12000	19.0	48.9	51.2	52.9	53.5	54.2	54.7	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.0
>=10000	20.2	53.1	55.8	57.4	58.1	58.8	59.3	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6
>= 9000	20.4	53.5	56.2	58.0	58.7	59.3	59.9	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.4
>= 8000	20.9	56.5	59.5	61.6	62.4	63.1	63.7	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.2
>= 7000	21.2	58.2	61.3	63.5	64.2	65.0	65.6	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.2
>= 6000	21.6	59.6	62.7	65.0	65.8	66.5	67.1	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.7
>= 5000	22.0	61.2	64.7	67.0	67.8	68.5	69.1	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7
>= 4500	22.4	62.4	65.8	68.3	69.1	69.8	70.4	70.7	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.2
>= 4000	22.7	64.1	67.5	70.0	71.2	71.9	72.5	72.7	72.9	73.1	73.1	73.1	73.2	73.2	73.2	73.4
>= 3500	22.7	64.7	68.2	70.8	72.0	72.7	73.4	73.6	73.8	74.0	74.0	74.0	74.1	74.1	74.1	74.2
>= 3000	22.8	65.8	69.4	72.0	73.6	74.5	75.4	75.8	75.9	76.2	76.2	76.2	76.3	76.3	76.3	76.5
>= 2500	23.1	66.7	70.4	73.2	75.0	75.9	76.9	77.3	77.5	77.8	77.8	77.8	77.9	77.9	77.9	78.1
>= 2000	23.5	68.0	72.0	75.0	77.1	78.2	79.4	79.9	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.9
>= 1800	23.5	68.0	72.0	75.0	77.1	78.2	79.4	79.9	80.2	80.5	80.6	80.6	80.7	80.7	80.7	80.9
>= 1500	23.8	68.8	72.9	76.1	78.1	79.3	80.6	81.2	81.5	81.9	82.0	82.0	82.1	82.1	82.2	82.4
>= 1200	23.8	69.0	73.1	76.5	78.8	80.0	81.3	81.9	82.2	82.7	82.8	82.8	82.9	82.9	83.0	83.2
>= 1000	23.9	69.4	73.6	77.3	79.6	80.9	82.4	83.0	83.3	84.0	84.3	84.3	84.4	84.4	84.5	84.7
>= 900	23.9	69.7	74.0	77.7	80.2	81.4	82.9	83.5	83.8	84.5	84.9	84.9	85.0	85.0	85.2	85.4
>= 800	23.9	69.9	74.2	78.0	80.5	81.9	83.5	84.2	84.7	85.4	85.8	85.8	85.9	85.9	86.1	86.3
>= 700	23.9	69.9	74.2	78.1	80.6	82.0	83.9	85.0	85.4	86.3	86.8	86.8	87.0	87.0	87.2	87.3
>= 600	23.9	70.1	74.5	78.3	81.2	82.7	84.8	85.9	86.4	87.3	88.0	88.0	88.1	88.1	88.3	88.5
>= 500	23.9	70.3	74.7	78.6	81.8	83.6	85.9	87.2	87.6	88.8	89.5	89.5	89.7	89.7	89.9	90.2
>= 400	23.9	70.4	75.0	78.9	82.1	84.2	86.8	88.1	88.5	89.6	90.5	90.5	90.9	90.9	91.2	91.5
>= 300	23.9	70.4	75.0	78.9	82.1	84.6	87.5	89.1	89.6	91.0	92.0	92.0	92.4	92.5	93.0	93.5
>= 200	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	94.1	94.2	94.9	95.8
>= 100	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	94.2	94.3	95.7	97.8
>= 0	23.9	70.4	75.0	79.0	82.4	84.9	87.9	89.6	90.2	91.9	92.9	93.0	94.2	94.4	96.0	100.0

TOTAL NO. OF OBS : 1130

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	44.6	45.9	46.6	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.5
>=20000	24.0	50.3	51.7	52.5	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.5
>=18000	24.0	50.7	52.1	53.0	53.7	53.7	53.9	53.9	53.9	53.9	53.9	53.9	54.0	54.0	54.0	54.1
>=16000	24.3	51.2	52.6	53.5	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6
>=14000	24.9	52.3	53.8	54.7	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
>=12000	25.8	54.2	55.8	56.8	57.5	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0
>=10000	27.0	57.9	59.7	60.6	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.9
>= 9000	27.2	58.4	60.2	61.2	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.4
>= 8000	27.8	62.4	64.6	65.6	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.1
>= 7000	27.8	63.5	65.7	66.7	67.9	67.9	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.6
>= 6000	28.0	64.4	66.8	67.8	69.0	69.0	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
>= 5000	28.7	66.0	68.7	69.8	71.1	71.1	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.9
>= 4500	28.9	66.7	69.5	70.7	72.0	72.0	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
>= 4000	29.1	67.7	70.9	72.0	73.6	73.6	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5
>= 3500	29.6	68.8	72.1	73.4	75.0	75.0	75.5	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9
>= 3000	29.8	70.3	73.6	75.1	76.9	77.1	77.6	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.1
>= 2500	30.1	71.2	74.5	76.0	78.0	78.3	78.8	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3
>= 2000	30.4	72.1	75.8	77.4	79.4	79.8	80.4	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.1
>= 1800	30.5	72.2	75.9	77.5	79.6	80.0	80.6	80.9	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.3
>= 1500	30.7	72.7	76.7	78.4	80.5	80.9	81.6	82.1	82.1	82.5	82.6	82.6	82.7	82.7	82.7	82.9
>= 1200	30.8	72.8	77.0	78.8	81.0	81.5	82.1	82.7	82.7	83.2	83.3	83.3	83.3	83.3	83.3	83.5
>= 1000	30.8	73.5	77.6	79.6	81.9	82.7	83.7	84.4	84.4	85.0	85.1	85.1	85.3	85.3	85.3	85.5
>= 900	30.8	73.5	77.6	79.7	82.2	83.1	84.2	85.2	85.2	85.8	86.0	86.0	86.2	86.2	86.2	86.5
>= 800	30.8	73.7	77.9	80.1	82.9	84.0	85.2	86.2	86.2	86.8	87.1	87.1	87.3	87.4	87.4	87.6
>= 700	31.1	74.2	78.5	80.8	83.7	85.0	86.2	87.3	87.3	88.0	88.2	88.2	88.4	88.5	88.6	88.9
>= 600	31.1	74.3	78.6	81.0	84.1	85.6	87.1	88.3	88.3	89.2	89.7	89.7	89.8	89.9	90.0	90.3
>= 500	31.2	74.7	79.1	81.7	84.9	86.7	88.8	90.3	90.3	91.4	91.8	91.8	92.3	92.3	92.5	92.8
>= 400	31.2	74.7	79.3	81.8	85.2	87.1	89.4	91.2	91.3	92.5	93.1	93.1	93.5	93.6	93.9	94.2
>= 300	31.2	74.7	79.3	81.8	85.3	87.3	89.8	91.7	91.8	93.4	94.1	94.3	95.2	95.3	95.7	96.1
>= 200	31.2	74.7	79.3	81.9	85.5	87.4	90.1	92.1	92.3	94.1	95.2	95.4	96.5	96.6	97.1	97.6
>= 100	31.2	74.7	79.3	81.9	85.5	87.5	90.2	92.3	92.4	94.3	95.5	95.7	97.2	97.2	97.9	99.3
>= 0	31.2	74.7	79.3	81.9	85.5	87.5	90.2	92.3	92.4	94.3	95.5	95.7	97.2	97.3	98.0	100.0

TOTAL NO. OF OBS : 1123

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : FEB
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	24.7	45.8	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
>=20000	26.3	52.0	53.4	53.8	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
>=18000	26.4	52.1	53.4	53.9	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=16000	26.9	52.9	54.3	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
>=14000	27.4	53.5	54.9	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=12000	28.3	55.6	57.1	57.7	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=10000	29.6	59.8	61.3	62.0	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>= 9000	30.0	60.6	62.1	62.9	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>= 8000	30.9	64.3	66.0	67.0	67.6	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 7000	31.0	65.4	67.2	68.2	68.9	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 6000	31.7	66.6	68.5	69.5	70.2	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
>= 5000	32.1	67.7	69.7	70.8	71.8	71.9	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 4500	32.2	68.1	70.5	71.7	72.7	72.8	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 4000	33.0	70.0	72.5	73.9	74.8	75.0	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 3500	33.6	71.0	73.5	74.8	75.9	76.1	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 3000	34.0	73.1	75.9	77.4	78.7	79.0	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 2500	34.5	74.4	77.3	78.8	80.0	80.3	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
>= 2000	34.6	75.1	78.2	79.9	81.3	81.6	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 1800	34.6	75.3	78.3	80.0	81.5	81.8	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 1500	34.6	75.8	78.9	80.8	82.4	82.8	83.8	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>= 1200	34.7	76.6	79.9	81.8	83.7	84.2	85.3	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 1000	34.9	77.3	80.6	82.7	85.0	85.7	86.9	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>= 900	35.0	77.4	80.8	83.0	85.3	86.0	87.6	88.2	88.2	88.5	88.6	88.6	88.6	88.7	88.7	88.7
>= 800	35.0	77.4	80.9	83.5	85.9	86.8	88.4	89.1	89.1	89.4	89.6	89.6	89.7	89.8	89.8	89.8
>= 700	35.0	77.6	81.1	83.8	86.6	87.6	89.3	90.3	90.3	90.7	90.9	90.9	91.0	91.1	91.1	91.1
>= 600	35.0	77.6	81.2	84.0	87.5	88.5	90.4	91.6	91.6	92.0	92.2	92.2	92.5	92.6	92.6	92.7
>= 500	35.0	77.6	81.2	84.2	87.8	88.9	91.3	92.6	92.6	93.2	93.6	93.6	94.0	94.2	94.2	94.3
>= 400	35.0	77.6	81.2	84.4	88.3	89.3	92.0	93.5	93.5	94.3	94.7	94.7	95.1	95.3	95.3	95.5
>= 300	35.0	77.6	81.2	84.4	88.4	89.6	92.5	94.2	94.2	95.0	95.7	95.7	96.4	96.6	96.8	97.1
>= 200	35.0	77.6	81.2	84.4	88.4	89.7	92.6	94.4	94.4	95.3	96.1	96.2	97.5	97.7	98.1	98.7
>= 100	35.0	77.6	81.2	84.4	88.4	89.7	92.7	94.5	94.5	95.5	96.2	96.4	97.8	97.9	98.9	99.8
>= 0	35.0	77.6	81.2	84.4	88.4	89.7	92.7	94.5	94.5	95.5	96.3	96.5	97.9	98.0	99.0	100.0

TOTAL NO. OF OBS : 1117

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.0	45.2	46.1	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.8
>=20000	25.2	51.2	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1
>=18000	25.4	51.4	52.5	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5
>=16000	25.6	51.9	53.0	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9
>=14000	26.5	53.5	54.6	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.6
>=12000	27.1	55.5	56.7	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.7
>=10000	28.4	58.2	59.9	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1
>= 9000	28.8	58.9	60.6	61.2	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>= 8000	29.4	62.7	64.7	65.4	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.2
>= 7000	29.9	63.7	65.8	66.6	67.1	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.6
>= 6000	30.8	65.3	67.5	68.3	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3
>= 5000	31.6	66.8	69.4	70.5	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.7
>= 4500	32.0	68.2	71.1	72.3	73.1	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.7
>= 4000	32.2	69.4	72.4	73.6	74.6	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.4
>= 3500	32.3	69.9	73.1	74.3	75.3	75.4	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	76.1
>= 3000	32.9	72.0	75.2	76.9	78.2	78.3	78.6	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	79.1
>= 2500	33.2	73.2	76.8	78.5	79.8	79.9	80.4	80.4	80.4	80.5	80.7	80.7	80.8	80.8	80.8	81.0
>= 2000	33.5	74.4	78.2	80.0	81.5	81.6	82.2	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.9
>= 1800	33.5	74.4	78.4	80.3	81.8	82.0	82.6	82.7	82.7	82.8	82.9	82.9	83.0	83.0	83.0	83.2
>= 1500	33.7	75.2	79.5	81.5	83.5	83.9	84.7	84.9	84.9	85.0	85.2	85.2	85.3	85.3	85.3	85.5
>= 1200	33.8	75.8	80.2	82.2	84.4	84.9	85.8	86.1	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.7
>= 1000	33.8	76.1	80.7	82.9	85.5	86.4	87.5	87.8	87.8	88.0	88.2	88.2	88.3	88.3	88.3	88.5
>= 900	33.8	76.1	80.7	83.1	86.0	86.8	88.0	88.2	88.2	88.4	88.6	88.6	88.8	88.8	88.8	89.0
>= 800	33.8	76.2	80.8	83.3	86.3	87.2	88.4	88.9	88.9	89.0	89.2	89.2	89.4	89.4	89.4	89.7
>= 700	33.8	76.2	80.9	83.4	86.8	87.8	89.3	89.9	89.9	90.2	90.5	90.5	90.7	90.7	90.8	91.0
>= 600	33.8	76.3	81.1	83.7	87.3	88.5	90.1	90.8	90.8	91.3	91.6	91.6	91.9	91.9	92.1	92.4
>= 500	33.8	76.4	81.4	84.1	88.2	89.4	91.7	92.5	92.5	93.2	93.4	93.4	94.0	94.0	94.2	94.4
>= 400	33.8	76.5	81.7	84.4	88.7	89.9	92.4	93.3	93.4	94.0	94.3	94.3	95.2	95.2	95.3	95.7
>= 300	33.8	76.6	81.9	84.6	88.9	90.3	92.9	93.9	94.1	95.1	95.4	95.6	96.7	96.7	96.9	97.3
>= 200	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	95.4	95.8	96.0	97.4	97.4	98.1	98.7
>= 100	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	95.4	95.9	96.1	97.6	97.6	98.7	99.7
>= 0	33.8	76.6	81.9	84.6	88.9	90.4	93.0	94.0	94.3	95.4	95.9	96.1	97.7	97.7	98.7	100.0

TOTAL NO. OF OBS : 1114

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	22.5	50.4	51.9	52.9	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.4
>=20000	22.9	53.8	55.4	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
>=18000	22.9	53.8	55.4	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
>=16000	23.2	54.1	55.7	56.7	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.3	57.4
>=14000	23.7	55.0	56.6	57.6	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.3
>=12000	24.3	56.8	58.3	59.3	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	60.0
>=10000	25.2	59.8	61.5	62.7	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.4	63.4
>= 9000	25.6	60.5	62.2	63.4	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.2
>= 8000	26.1	63.9	65.7	67.0	67.5	67.5	67.8	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.1	68.2
>= 7000	26.4	65.2	67.0	68.3	68.8	68.8	69.1	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.4	69.5
>= 6000	26.7	66.3	68.3	69.6	70.1	70.2	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.9
>= 5000	26.9	68.0	70.3	71.6	72.1	72.2	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0
>= 4500	27.2	69.2	71.6	72.9	73.8	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.6	74.7
>= 4000	27.5	70.8	73.6	75.0	76.0	76.2	76.5	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.9	77.0
>= 3500	27.7	71.8	74.6	76.1	77.1	77.2	77.6	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0
>= 3000	28.1	73.7	77.2	78.9	80.1	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.3
>= 2500	28.2	74.5	78.1	80.0	81.2	81.4	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.5
>= 2000	28.3	75.5	79.3	81.4	82.9	83.0	83.6	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.4	84.4
>= 1800	28.4	75.7	79.6	81.7	83.3	83.5	84.0	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.9	85.0
>= 1500	28.5	76.3	80.4	82.8	84.5	84.7	85.2	85.7	85.7	85.8	85.8	85.9	85.9	85.9	86.2	86.3
>= 1200	28.5	76.4	80.6	83.0	84.7	85.0	85.8	86.2	86.2	86.4	86.4	86.5	86.6	86.6	86.8	86.9
>= 1000	28.5	76.5	80.8	83.5	85.4	85.7	86.7	87.2	87.2	87.3	87.3	87.4	87.5	87.5	87.8	87.9
>= 900	28.5	76.7	81.0	83.7	85.7	85.9	87.1	87.5	87.5	87.8	87.9	88.0	88.0	88.0	88.3	88.4
>= 800	28.5	76.7	81.2	84.1	86.1	86.4	87.9	88.6	88.6	88.8	89.0	89.1	89.3	89.3	89.5	89.6
>= 700	28.5	76.8	81.5	84.4	86.6	87.0	88.5	89.2	89.2	89.5	89.6	89.7	89.9	89.9	90.2	90.2
>= 600	28.5	76.8	81.5	84.7	87.3	87.6	89.2	90.0	90.0	90.2	90.5	90.6	90.9	90.9	91.2	91.3
>= 500	28.5	76.9	82.1	85.2	87.9	88.5	90.6	91.7	91.7	92.2	92.4	92.5	92.9	92.9	93.1	93.2
>= 400	28.5	77.0	82.2	85.3	88.3	88.9	91.6	92.7	92.7	93.2	93.5	93.7	94.1	94.1	94.4	94.5
>= 300	28.5	77.1	82.2	85.6	88.6	89.3	92.0	93.4	93.4	94.1	94.6	94.8	95.5	95.5	96.0	96.1
>= 200	28.5	77.1	82.2	85.6	88.6	89.5	92.4	93.9	94.0	94.9	95.5	95.7	96.4	96.5	97.3	97.5
>= 100	28.5	77.1	82.2	85.6	88.6	89.5	92.5	94.2	94.3	95.3	96.0	96.2	97.1	97.2	98.2	99.2
>= 0	28.5	77.1	82.2	85.6	88.6	89.5	92.5	94.3	94.4	95.4	96.3	96.5	97.5	97.5	98.6	100.0

TOTAL NO. OF OBS : 1138

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : FEB
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	21.9	53.2	54.0	54.5	54.9	54.9	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7
>=20000	22.2	55.7	56.5	57.2	57.6	57.6	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3
>=18000	22.3	55.7	56.6	57.2	57.7	57.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4
>=16000	22.3	55.8	56.7	57.3	57.8	57.8	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5
>=14000	22.8	57.0	57.9	58.5	58.9	58.9	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
>=12000	23.1	57.7	58.7	59.3	59.8	59.8	60.1	60.3	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6
>=10000	23.4	60.8	62.1	62.8	63.3	63.4	63.7	64.0	64.0	64.1	64.1	64.1	64.1	64.2	64.2	64.2
>= 9000	23.7	61.5	62.8	63.5	64.0	64.1	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.9	64.9	64.9
>= 8000	23.9	64.0	65.6	66.4	67.1	67.2	67.6	67.8	67.9	68.0	68.0	68.0	68.0	68.1	68.1	68.3
>= 7000	24.4	65.0	66.7	67.5	68.3	68.4	68.7	69.0	69.1	69.2	69.2	69.2	69.2	69.3	69.3	69.4
>= 6000	24.7	66.2	67.9	68.9	69.7	69.9	70.2	70.5	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.9
>= 5000	25.6	68.6	70.3	71.4	72.2	72.4	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.3	73.3	73.5
>= 4500	25.9	70.1	72.0	73.1	74.0	74.3	74.6	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.4
>= 4000	26.1	71.5	73.7	74.9	76.0	76.2	76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.3
>= 3500	26.1	71.8	74.2	75.5	76.6	76.9	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8	78.0
>= 3000	26.3	73.1	75.7	77.1	78.4	78.6	79.1	79.3	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.8
>= 2500	26.7	74.0	76.9	78.5	79.9	80.1	80.7	80.9	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.4
>= 2000	26.9	75.4	78.3	79.9	81.3	81.5	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.8	82.8	83.0
>= 1800	26.9	75.7	78.6	80.3	81.6	81.9	82.5	82.8	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.3
>= 1500	26.9	76.2	79.2	81.1	82.6	82.9	83.6	83.8	83.9	84.0	84.1	84.1	84.1	84.2	84.2	84.4
>= 1200	27.2	76.9	79.9	82.0	83.6	83.8	84.5	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.5
>= 1000	27.2	77.6	80.8	83.0	84.8	85.1	85.9	86.3	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.9
>= 900	27.2	77.6	81.1	83.3	85.2	85.5	86.4	86.8	86.9	87.0	87.1	87.1	87.2	87.3	87.3	87.5
>= 800	27.3	77.7	81.3	83.7	85.7	86.0	86.9	87.5	87.6	87.8	88.1	88.1	88.2	88.3	88.3	88.4
>= 700	27.3	77.9	81.4	84.3	86.3	86.7	87.7	88.3	88.4	88.6	89.0	89.0	89.0	89.1	89.1	89.3
>= 600	27.3	78.2	82.0	84.9	87.0	87.6	88.7	89.4	89.5	89.7	90.0	90.0	90.1	90.2	90.2	90.4
>= 500	27.3	78.3	82.1	85.2	87.5	88.3	89.3	90.0	90.1	90.3	90.8	90.8	91.1	91.2	91.2	91.3
>= 400	27.3	78.4	82.2	85.4	88.0	89.0	90.7	92.0	92.0	92.3	93.1	93.1	93.5	93.6	93.6	93.7
>= 300	27.3	78.4	82.4	85.8	88.6	89.8	91.5	93.1	93.2	93.6	94.6	94.6	95.3	95.4	95.6	95.8
>= 200	27.3	78.4	82.5	85.9	88.7	89.8	91.8	93.6	93.7	94.3	95.3	95.3	96.2	96.3	96.6	96.9
>= 100	27.3	78.4	82.5	85.9	88.8	90.0	92.0	94.1	94.2	94.9	96.0	96.0	97.1	97.3	98.0	98.5
>= 0	27.3	78.4	82.5	85.9	88.8	90.0	92.0	94.1	94.2	94.9	96.1	96.1	97.2	97.4	98.1	100.0

TOTAL NO. OF OBS : 1132

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 4C 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	21.6	47.7	49.0	49.6	50.0	50.1	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.5	50.5	50.6
>=20000	22.3	51.8	53.3	54.1	54.5	54.6	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.2
>=18000	22.4	52.0	53.4	54.2	54.7	54.8	55.0	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.3
>=16000	22.5	52.3	53.7	54.5	55.0	55.1	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6
>=14000	23.1	53.2	54.7	55.5	56.0	56.0	56.2	56.3	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.6
>=12000	23.7	54.8	56.4	57.2	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.3	58.3	58.3	58.4
>=10000	24.6	58.1	59.9	60.8	61.4	61.5	61.7	61.8	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.1
>= 9000	24.9	58.8	60.6	61.5	62.1	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.8	62.8	62.8	62.9
>= 8000	25.4	61.9	63.9	65.0	65.7	65.9	66.1	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.6
>= 7000	25.7	63.1	65.3	66.4	67.2	67.3	67.6	67.8	67.8	67.8	67.9	67.9	67.9	68.0	68.0	68.1
>= 6000	26.2	64.5	66.7	67.9	68.7	68.8	69.1	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6
>= 5000	26.8	66.1	68.6	69.8	70.7	70.9	71.3	71.5	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8
>= 4500	27.0	67.3	70.0	71.3	72.3	72.5	72.9	73.0	73.1	73.1	73.2	73.2	73.2	73.3	73.3	73.4
>= 4000	27.4	68.9	71.7	73.1	74.2	74.5	74.9	75.1	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.5
>= 3500	27.6	69.6	72.5	74.0	75.1	75.4	75.8	76.0	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.4
>= 3000	27.8	71.3	74.5	76.1	77.5	77.8	78.3	78.5	78.5	78.7	78.7	78.7	78.8	78.8	78.8	79.0
>= 2500	28.1	72.3	75.6	77.4	78.8	79.1	79.7	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.3	80.5
>= 2000	28.3	73.4	77.0	78.9	80.5	80.9	81.6	81.9	81.9	82.1	82.1	82.2	82.2	82.3	82.3	82.4
>= 1800	28.4	73.6	77.2	79.1	80.7	81.1	81.8	82.1	82.2	82.3	82.4	82.4	82.5	82.5	82.6	82.7
>= 1500	28.5	74.2	78.0	80.1	81.9	82.3	83.1	83.5	83.5	83.8	83.9	83.9	84.0	84.0	84.0	84.2
>= 1200	28.6	74.6	78.5	80.7	82.6	83.1	83.9	84.4	84.4	84.7	84.8	84.8	84.9	84.9	85.0	85.1
>= 1000	28.6	75.0	79.0	81.4	83.5	84.1	85.2	85.7	85.7	86.0	86.2	86.2	86.3	86.3	86.4	86.6
>= 900	28.7	75.2	79.2	81.7	83.9	84.6	85.7	86.3	86.3	86.7	86.8	86.9	87.0	87.0	87.1	87.3
>= 800	28.7	75.4	79.5	82.1	84.4	85.2	86.4	87.1	87.2	87.5	87.8	87.8	88.0	88.0	88.1	88.2
>= 700	28.7	75.5	79.7	82.4	85.0	85.8	87.2	87.9	88.0	88.5	88.7	88.8	88.9	89.0	89.1	89.2
>= 600	28.7	75.7	79.9	82.8	85.6	86.5	88.0	88.9	89.0	89.5	89.8	89.9	90.1	90.1	90.3	90.4
>= 500	28.7	75.8	80.2	83.1	86.2	87.3	89.2	90.2	90.3	90.9	91.4	91.4	91.7	91.8	91.9	92.1
>= 400	28.7	75.9	80.4	83.5	86.7	87.9	90.1	91.3	91.4	92.2	92.7	92.7	93.2	93.2	93.4	93.6
>= 300	28.7	75.9	80.5	83.6	87.0	88.4	90.8	92.3	92.4	93.4	94.0	94.1	94.8	94.9	95.2	95.4
>= 200	28.7	75.9	80.5	83.7	87.2	88.6	91.1	92.7	92.9	94.1	94.9	95.0	96.0	96.1	96.6	97.1
>= 100	28.7	75.9	80.5	83.7	87.2	88.7	91.2	92.9	93.1	94.4	95.3	95.4	96.6	96.8	97.7	98.7
>= 0	28.7	75.9	80.5	83.7	87.2	88.7	91.2	92.9	93.1	94.4	95.3	95.5	96.7	96.9	98.0	100.0

TOTAL NO. OF OBS : 9034

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.5	1.7	.7	.3	.2	.1	.0	.0	.0	.0	6.1	7.9
NNE	.5	1.1	.7	.9	.5	.0	.0	.0	.0	.0	.0	3.6	9.4
NE	.6	1.5	.9	.3	.2	.1	.0	.0	.0	.0	.0	3.6	7.3
ENE	.7	1.0	.8	.3	.1	.0	.0	.0	.0	.0	.0	2.9	6.9
E	.8	1.2	.6	.7	.0	.0	.0	.0	.0	.0	.0	3.4	6.7
ESE	.1	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
SE	.6	1.7	1.5	.5	.2	.1	.0	.0	.0	.0	.0	4.6	7.6
SSE	1.0	2.4	1.6	.3	.1	.0	.0	.0	.0	.0	.0	5.4	6.5
S	.4	2.5	2.3	1.8	.2	.0	.0	.0	.0	.0	.0	7.3	8.3
SSW	.4	.8	2.4	2.0	.4	.1	.0	.0	.0	.0	.0	6.1	9.9
SW	.5	1.3	2.4	2.0	.5	.1	.0	.0	.0	.0	.0	6.8	9.4
WSW	.4	.5	1.3	.7	.0	.0	.0	.0	.0	.0	.0	2.9	8.2
W	.6	1.4	1.8	.9	.2	.1	.0	.0	.0	.0	.0	5.0	8.2
WNW	.7	1.8	1.5	2.6	.7	.3	.1	.1	.0	.0	.0	7.8	10.7
NW	1.6	2.5	2.5	2.1	1.5	.9	.2	.0	.0	.0	.0	11.3	10.8
NNW	1.4	2.7	3.5	1.8	1.2	.5	.0	.0	.0	.0	.0	11.1	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4	.0
ALL	11.0	26.0	26.0	17.8	6.1	2.2	.4	.1	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.9	2.2	1.6	.5	.2	.1	.0	.0	.0	.0	7.5	8.9
NNE	.5	1.0	1.8	.9	.3	.0	.0	.0	.0	.0	.0	4.5	8.6
NE	.7	1.7	1.2	.3	.4	.1	.0	.0	.0	.0	.0	4.3	7.8
ENE	.3	1.2	.9	.3	.0	.1	.0	.0	.0	.0	.0	2.8	7.3
E	.5	1.2	1.5	.3	.0	.1	.0	.0	.0	.0	.0	3.6	7.2
ESE	.4	.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.3
SE	.8	.9	.8	.2	.3	.2	.0	.0	.0	.0	.0	3.3	8.3
SSE	.2	1.0	1.5	.5	.0	.0	.1	.0	.0	.0	.0	3.2	8.3
S	.8	2.1	1.8	.8	.1	.0	.0	.0	.0	.0	.0	5.6	7.3
SSW	.3	1.1	1.8	2.5	.2	.1	.0	.0	.0	.0	.0	5.9	10.0
SW	.4	1.2	2.6	2.1	.8	.2	.0	.0	.0	.0	.0	7.2	10.5
WSW	.3	.7	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	3.8	9.5
W	1.2	1.8	1.6	.9	.3	.0	.0	.0	.0	.0	.0	5.8	7.7
WNW	.7	1.6	1.9	1.9	.7	.4	.1	.0	.0	.0	.0	7.3	10.6
NW	1.1	2.9	2.7	2.0	1.6	.9	.1	.0	.0	.0	.0	11.3	10.9
NNW	.8	2.7	3.4	2.7	.7	.2	.0	.0	.0	.0	.0	10.4	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	11.4	.0
ALL	9.9	23.8	27.9	18.4	6.0	2.4	.3	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	1.6	2.4	1.3	.3	.2	.0	.0	.0	.0	.0	6.9	8.4
NNE	.4	1.7	1.2	.8	.2	.0	.1	.0	.0	.0	.0	4.4	8.5
NE	.6	1.2	1.2	.5	.2	.0	.0	.0	.0	.0	.0	3.7	7.7
ENE	.3	1.1	1.2	.8	.2	.0	.0	.0	.0	.0	.0	3.5	8.3
E	.5	1.5	1.6	.4	.0	.0	.0	.0	.0	.0	.0	4.0	7.0
ESE	.4	.9	1.2	.3	.1	.0	.0	.0	.0	.0	.0	2.8	7.6
SE	.3	1.0	1.0	.7	.1	.2	.0	.0	.0	.0	.0	3.2	8.9
SSE	.3	1.0	.8	.7	.2	.1	.0	.0	.0	.0	.0	3.1	8.8
S	.8	1.6	2.0	.6	.4	.1	.0	.0	.0	.0	.0	5.5	8.1
SSW	.1	1.2	2.0	1.8	.3	.1	.0	.0	.0	.0	.0	5.5	10.1
SW	.3	1.7	2.7	2.2	.6	.0	.0	.0	.0	.0	.0	7.5	10.0
WSW	.4	.6	1.3	.9	.3	.0	.0	.0	.0	.0	.0	3.5	9.3
W	.9	1.9	2.3	1.3	.3	.2	.0	.0	.0	.0	.0	6.9	8.2
WNW	.6	2.5	1.9	2.0	.8	.6	.1	.0	.0	.0	.0	8.5	10.6
NW	1.3	3.4	2.5	1.5	1.4	.6	.2	.0	.0	.0	.0	10.8	10.0
NNW	.7	3.3	3.2	1.8	.8	.5	.1	.0	.0	.0	.0	10.5	9.6
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	9.1	26.2	28.4	17.7	6.1	2.5	.4	.0	.0	.0	.0	100.0	8.2

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 1000 LST

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	.4	1.9	3.2	2.5	.5	.2	.0	.0	.0	.0	.0	8.7	9.8
NNE	.8	2.0	3.1	1.5	.2	.0	.0	.0	.0	.0	.0	7.5	8.1
NE	.5	2.0	2.2	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.8
ENE	.5	1.7	1.2	.5	.0	.0	.0	.0	.0	.0	.0	3.9	7.0
E	.3	1.2	1.3	.8	.0	.0	.0	.0	.0	.0	.0	3.7	8.0
ESE	.3	1.6	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.7	7.0
SE	.5	1.7	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	6.0	8.2
SSE	.2	.8	.8	.9	.2	.1	.0	.0	.0	.0	.0	3.1	9.8
S	.1	.5	1.5	1.8	.2	.0	.0	.0	.0	.0	.0	4.2	10.7
SSW	.3	.6	1.9	1.7	.2	.0	.0	.0	.0	.0	.0	4.8	10.1
SW	.0	.8	1.7	2.2	1.1	.2	.1	.0	.0	.0	.0	6.0	12.6
WSW	.2	.8	1.5	1.6	.7	.1	.1	.0	.0	.0	.0	4.9	11.4
W	.5	.5	1.6	1.5	.6	.1	.0	.0	.0	.0	.0	4.8	10.9
WNW	.5	1.4	2.1	2.2	.6	.5	.5	.1	.0	.0	.0	7.8	12.4
NW	.4	1.4	3.4	5.0	3.0	1.4	.5	.0	.0	.0	.0	15.0	14.0
NNW	.4	.9	2.9	3.0	.5	.2	.0	.0	.0	.0	.0	8.0	10.6
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	2.9	.0
ALL	5.7	19.8	32.5	27.1	8.0	2.8	1.1	.1	.0	.0	.0	100.0	10.1

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.8	2.8	2.1	.7	.0	.0	.0	.0	.0	.0	8.1	9.3
NNE	.5	2.4	3.0	.9	.2	.0	.0	.0	.0	.0	.0	7.0	7.6
NE	.4	2.1	3.4	1.1	.2	.0	.0	.0	.0	.0	.0	7.1	8.1
ENE	.6	1.3	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
E	.7	1.5	.9	.7	.1	.0	.0	.0	.0	.0	.0	3.8	6.9
ESE	.4	2.2	2.2	.8	.1	.0	.0	.0	.0	.0	.0	5.7	7.6
SE	.5	2.7	5.1	3.4	1.0	.1	.0	.0	.0	.0	.0	12.8	9.7
SSE	.0	.8	1.8	2.1	.3	.1	.0	.0	.0	.0	.0	5.1	10.5
S	.2	.2	1.1	1.1	.5	.0	.0	.0	.0	.0	.0	3.0	12.0
SSW	.1	.0	.4	1.2	.3	.2	.0	.0	.0	.0	.0	2.2	13.8
SW	.1	.5	1.4	2.0	1.2	.4	.0	.0	.0	.0	.0	5.5	13.3
WSW	.2	.2	1.0	1.8	.5	.1	.0	.0	.0	.0	.0	3.7	12.0
W	.2	.5	1.2	2.4	1.2	.1	.2	.0	.0	.0	.0	5.7	13.1
WNW	.1	.5	1.6	2.5	1.1	.8	.2	.0	.0	.0	.0	6.7	14.5
NW	.1	.5	2.1	4.8	3.2	1.0	.5	.0	.0	.0	.0	12.0	15.2
NNW	.2	.6	1.8	3.2	.6	.2	.1	.0	.0	.0	.0	6.8	12.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	.0
ALL	4.8	17.7	31.3	30.4	10.8	2.8	.8	.0	.0	.0	.0	100.0	10.8

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.6	2.0	1.8	.4	.1	.0	.0	.0	.0	.0	6.6	8.8
NNE	.4	2.2	3.1	.8	.2	.2	.0	.0	.0	.0	.0	6.8	8.3
NE	.5	2.1	3.2	.5	.1	.0	.0	.0	.0	.0	.0	6.3	7.4
ENE	.5	1.2	.6	.3	.1	.0	.0	.0	.0	.0	.0	2.6	6.4
E	.5	1.7	.5	.5	.0	.1	.0	.0	.0	.0	.0	3.2	6.6
ESE	.5	2.5	1.6	.5	.1	.1	.0	.0	.0	.0	.0	5.4	6.9
SE	.8	2.9	5.5	3.7	.3	.1	.0	.0	.0	.0	.0	13.4	9.2
SSE	.4	1.2	4.7	5.1	.8	.1	.0	.0	.0	.0	.0	12.3	10.8
S	.2	.2	.7	.5	.2	.0	.0	.0	.0	.0	.0	1.6	9.9
SSW	.1	.1	.8	.8	.5	.1	.0	.0	.0	.0	.0	2.5	12.7
SW	.1	.2	1.5	1.4	.7	.1	.1	.0	.0	.0	.0	4.0	12.5
WSW	.0	.5	1.3	1.1	.2	.4	.1	.0	.0	.0	.0	3.5	12.4
W	.1	.4	2.2	2.1	.5	.2	.0	.0	.0	.0	.0	5.3	11.5
WNW	.0	.4	1.0	2.5	.8	.6	.2	.1	.0	.0	.0	5.6	14.8
NW	.5	1.4	3.0	4.2	1.9	1.3	.2	.0	.0	.0	.0	12.5	13.2
NNW	.4	.5	1.8	2.8	.5	.5	.1	.0	.0	.0	.0	6.6	12.5
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	1.8	.0
ALL	5.5	18.8	33.5	28.7	7.4	3.6	.5	.1	.0	.0	.0	100.0	10.3

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.5	2.5	.8	.5	.0	.0	.0	.0	.0	.0	7.1	7.9
NNE	1.0	1.3	1.0	.8	.2	.1	.0	.0	.0	.0	.0	4.4	7.8
NE	.8	.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	2.6	6.4
ENE	.5	1.0	.6	.2	.2	.0	.0	.0	.0	.0	.0	2.5	7.3
E	.6	1.2	1.7	.2	.0	.1	.0	.0	.0	.0	.0	3.8	7.0
ESE	.5	.6	.6	.5	.2	.0	.0	.0	.0	.0	.0	2.4	7.6
SE	1.0	2.6	2.2	.9	.3	.1	.0	.0	.0	.0	.0	7.1	7.5
SSE	1.2	5.3	4.8	2.1	.4	.1	.0	.0	.0	.0	.0	13.9	7.6
S	1.2	2.3	3.8	1.5	.0	.0	.0	.0	.0	.0	.0	8.7	7.6
SSW	.3	.9	1.7	.8	.1	.0	.0	.0	.0	.0	.0	3.8	8.4
SW	.5	.8	1.4	.7	.2	.0	.0	.0	.0	.0	.0	3.6	8.5
WSW	.2	.7	.5	.6	.1	.0	.0	.0	.0	.0	.0	2.2	8.6
W	.6	.8	.6	1.0	.3	.1	.0	.0	.0	.0	.0	3.5	8.9
WNW	.5	1.5	1.2	1.5	.6	.9	.2	.1	.0	.0	.0	6.5	12.1
NW	.9	1.7	2.6	2.4	1.2	1.1	.2	.0	.0	.0	.0	10.1	12.0
NNW	.8	2.3	2.3	2.2	.7	.1	.0	.0	.0	.0	.0	8.3	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	9.8	.0
ALL	11.5	26.3	28.2	16.3	5.0	2.5	.4	.1	.0	.0	.0	100.0	7.8

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.5	2.5	.9	.3	.2	.0	.0	.0	.0	.0	6.5	8.2
NNE	.6	1.4	.8	.5	.2	.1	.0	.0	.0	.0	.0	3.6	7.9
NE	.1	.8	1.0	.6	.0	.1	.0	.0	.0	.0	.0	2.5	8.9
ENE	.5	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	1.9	7.0
E	.5	1.6	1.6	.5	.1	.1	.0	.0	.0	.0	.0	4.4	7.5
ESE	.3	1.1	.8	.4	.1	.0	.0	.0	.0	.0	.0	2.7	7.5
SE	.8	1.8	2.2	.8	.2	.0	.0	.0	.0	.0	.0	5.7	7.5
SSE	.9	2.6	2.6	1.5	.2	.0	.0	.0	.0	.0	.0	7.8	7.7
S	1.1	2.5	3.8	1.3	.8	.0	.0	.0	.0	.0	.0	9.5	8.2
SSW	.4	1.0	2.2	1.8	.2	.0	.0	.0	.0	.0	.0	5.6	9.2
SW	.4	.7	1.5	1.2	.3	.0	.0	.0	.0	.0	.0	4.1	9.8
WSW	.4	.5	.5	.5	.1	.1	.0	.0	.0	.0	.0	2.2	8.9
W	.9	1.1	1.2	.5	.3	.2	.0	.0	.0	.0	.0	4.1	8.1
WNW	1.2	1.7	1.8	1.8	.9	.6	.3	.0	.0	.0	.0	8.4	11.0
NW	1.4	2.5	2.5	2.8	1.2	.8	.2	.2	.0	.0	.0	11.5	11.2
NNW	1.2	2.2	2.5	2.2	.9	.2	.1	.0	.0	.0	.0	9.3	9.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1	.0
ALL	11.7	23.6	28.2	17.7	5.8	2.3	.5	.2	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS) 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	1.9	2.4	1.5	.4	.1	.0*	.0	.0	.0	.0	7.2	8.7
NNE	.6	1.6	1.8	.9	.2	.0*	.0*	.0	.0	.0	.0	5.2	8.2
NE	.5	1.5	1.7	.5	.1	.0*	.0	.0	.0	.0	.0	4.4	7.6
ENE	.5	1.1	.9	.4	.1	.0*	.0	.0	.0	.0	.0	2.9	7.1
E	.6	1.4	1.2	.5	.0*	.0*	.0	.0	.0	.0	.0	3.7	7.1
ESE	.4	1.4	1.1	.4	.1	.0*	.0	.0	.0	.0	.0	3.3	7.2
SE	.7	1.9	2.6	1.4	.3	.1	.0	.0	.0	.0	.0	7.0	8.6
SSE	.5	1.9	2.3	1.7	.3	.0*	.0*	.0	.0	.0	.0	6.7	8.8
S	.6	1.5	2.1	1.2	.3	.0*	.0	.0	.0	.0	.0	5.7	8.5
SSW	.2	.7	1.7	1.6	.3	.1	.0	.0	.0	.0	.0	4.5	10.1
SW	.3	.9	1.9	1.7	.7	.1	.0*	.0	.0	.0	.0	5.6	10.8
WSW	.2	.6	1.1	1.0	.3	.1	.0*	.0	.0	.0	.0	3.3	10.3
W	.6	1.0	1.6	1.3	.5	.1	.0*	.0	.0	.0	.0	5.1	9.6
WNW	.5	1.4	1.6	2.1	.8	.6	.2	.0*	.0	.0	.0	7.3	11.9
NW	.9	2.0	2.7	3.1	1.9	1.0	.2	.0*	.0	.0	.0	11.8	12.3
NNW	.7	1.9	2.7	2.5	.8	.3	.0*	.0	.0	.0	.0	8.9	10.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	.0
ALL	8.7	22.8	29.5	21.8	6.9	2.6	.6	.1	.0	.0	.0	100.0	8.9

TOTAL NO. OF OBS : 10413

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	23.0	53.8	54.7	55.3	55.5	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=20000	23.5	56.7	57.6	58.3	58.6	58.7	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
>=18000	23.5	56.8	57.7	58.4	58.6	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
>=16000	23.5	56.8	57.8	58.5	58.7	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1
>=14000	23.9	57.5	58.4	59.1	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=12000	24.2	58.2	59.2	59.9	60.1	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5
>=10000	25.2	62.3	63.3	64.0	64.4	64.6	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0
>= 9000	25.3	62.7	63.9	64.6	65.0	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.5
>= 8000	25.8	66.2	67.7	68.4	69.0	69.1	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.5
>= 7000	26.5	67.4	69.0	69.8	70.4	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.9
>= 6000	27.3	69.0	70.6	71.5	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.6
>= 5000	27.6	71.0	73.1	74.0	74.6	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4
>= 4500	27.7	72.2	74.4	75.4	76.0	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8
>= 4000	28.0	73.8	76.2	77.2	78.0	78.3	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.8
>= 3500	28.2	74.5	76.9	78.0	78.8	79.0	79.1	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.7
>= 3000	28.3	75.5	78.0	79.3	80.1	80.4	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	81.0
>= 2500	28.5	77.0	79.9	81.2	82.0	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	83.0
>= 2000	28.7	78.0	81.2	82.8	83.9	84.2	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.8
>= 1800	28.7	78.3	81.5	83.3	84.4	84.8	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.4
>= 1500	28.8	78.8	82.2	84.2	85.5	85.8	85.8	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.4
>= 1200	28.9	79.2	82.7	84.9	86.3	86.6	86.9	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.5
>= 1000	28.9	79.7	83.3	85.8	87.3	87.7	88.0	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.7
>= 900	28.9	79.8	83.7	86.3	87.8	88.3	88.7	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.4
>= 800	28.9	80.0	83.9	86.6	88.1	88.6	89.1	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.8
>= 700	28.9	80.2	84.2	86.9	88.6	89.1	89.6	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.5
>= 600	28.9	80.7	84.7	87.4	89.3	89.8	90.5	90.9	90.9	91.3	91.4	91.4	91.4	91.4	91.4	91.6
>= 500	28.9	80.9	85.1	88.0	90.1	90.8	91.8	92.3	92.4	92.8	92.9	92.9	92.9	92.9	92.9	93.1
>= 400	28.9	81.1	85.4	88.5	91.0	91.7	93.0	93.6	93.7	94.1	94.2	94.2	94.3	94.3	94.3	94.5
>= 300	28.9	81.2	85.5	88.6	91.6	92.4	94.0	94.7	94.9	95.5	95.6	95.6	95.9	95.9	95.9	96.2
>= 200	28.9	81.2	85.5	88.7	91.7	92.6	94.1	95.0	95.2	96.1	96.3	96.3	96.6	96.6	96.7	97.2
>= 100	28.9	81.2	85.6	88.8	91.9	92.8	94.4	95.3	95.5	96.6	96.9	97.0	97.4	97.4	97.8	98.6
>= 0	28.9	81.2	85.6	88.8	91.9	92.8	94.4	95.3	95.5	96.6	97.0	97.0	97.6	97.6	98.2	100.0

TOTAL NO. OF OBS : 1279

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.4	51.0	52.4	53.9	54.4	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0
>=20000	22.1	54.8	56.3	57.8	58.2	58.3	58.6	58.7	58.7	58.7	58.8	58.8	58.8	58.8	58.8	58.9
>=18000	22.2	54.9	56.4	57.8	58.3	58.4	58.6	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9
>=16000	22.2	54.9	56.4	57.9	58.4	58.5	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
>=14000	22.5	55.5	57.0	58.6	59.0	59.1	59.3	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.7
>=12000	22.9	56.6	58.2	59.8	60.3	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9
>=10000	23.4	59.1	60.8	62.3	62.8	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.5
>= 9000	23.5	59.6	61.2	62.8	63.3	63.3	63.6	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	64.0
>= 8000	23.7	62.8	64.5	66.1	66.7	66.8	67.0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
>= 7000	24.3	64.1	65.8	67.6	68.2	68.3	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
>= 6000	24.6	64.7	66.5	68.4	69.0	69.1	69.3	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.7
>= 5000	25.0	66.5	68.6	70.6	71.3	71.4	71.6	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0
>= 4500	25.3	67.6	69.9	71.8	72.5	72.6	72.8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
>= 4000	25.5	69.2	71.7	73.8	74.6	74.6	74.9	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
>= 3500	25.6	69.8	72.4	74.4	75.2	75.4	75.6	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
>= 3000	26.0	72.2	75.2	77.4	78.3	78.4	78.6	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2
>= 2500	26.2	73.7	76.8	79.0	80.1	80.2	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.1
>= 2000	26.5	74.5	77.8	80.2	81.4	81.6	81.8	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6
>= 1800	26.5	74.9	78.2	80.7	81.9	82.0	82.3	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0
>= 1500	26.5	75.5	79.0	81.7	83.0	83.2	83.4	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3
>= 1200	26.5	75.8	79.4	82.4	83.8	84.0	84.2	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1
>= 1000	26.6	76.5	80.1	83.3	84.7	84.9	85.2	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0
>= 900	26.7	76.8	80.7	84.0	85.5	85.8	86.0	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
>= 800	26.7	77.1	81.2	84.6	86.3	86.6	86.9	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.9
>= 700	26.7	77.2	81.4	85.1	86.8	87.2	87.5	88.2	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.7
>= 600	26.7	77.5	81.9	85.7	87.5	87.9	88.4	89.2	89.2	89.5	89.8	89.8	89.8	89.8	89.8	89.9
>= 500	26.7	77.9	82.3	86.3	88.5	89.1	89.7	90.9	90.9	91.4	91.7	91.7	91.7	91.7	91.7	91.8
>= 400	26.7	77.9	82.5	86.7	89.1	89.8	90.7	92.1	92.1	92.6	93.0	93.0	93.2	93.2	93.2	93.3
>= 300	26.7	78.1	82.7	86.8	89.4	90.4	91.6	93.1	93.1	93.7	94.1	94.1	94.5	94.5	94.5	94.6
>= 200	26.7	78.1	82.7	86.9	89.6	90.7	92.2	93.8	93.8	94.4	94.9	95.0	95.5	95.6	95.8	95.8
>= 100	26.7	78.1	82.7	86.9	89.7	90.7	92.2	94.0	94.0	94.8	95.8	95.8	96.7	96.8	97.3	97.8
>= 0	26.7	78.1	82.7	86.9	89.7	90.7	92.2	94.0	94.0	95.0	96.1	96.2	97.1	97.2	98.0	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAR
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	19.5	42.6	44.6	45.4	46.6	46.8	47.0	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3
>=20000	20.1	46.0	48.3	49.2	50.4	50.8	51.1	51.3	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
>=18000	20.1	46.2	48.5	49.4	50.7	51.1	51.3	51.5	51.5	51.7	51.8	51.8	51.8	51.8	51.8	51.8
>=16000	20.2	46.3	48.6	49.6	50.9	51.3	51.5	51.8	51.8	51.9	52.0	52.0	52.0	52.0	52.0	52.0
>=14000	20.4	46.8	49.1	50.0	51.4	51.8	52.0	52.2	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5
>=12000	20.9	48.2	50.5	51.5	52.8	53.2	53.4	53.7	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9
>=10000	22.3	51.5	54.4	55.5	57.0	57.5	57.7	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2
>= 9000	22.5	52.1	55.1	56.3	57.7	58.3	58.5	58.8	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0
>= 8000	23.0	55.9	59.3	60.7	62.4	62.9	63.3	63.6	63.6	63.7	63.8	63.8	63.9	63.9	63.9	63.9
>= 7000	23.3	57.2	60.6	62.1	63.9	64.6	65.0	65.2	65.2	65.4	65.4	65.4	65.5	65.5	65.5	65.5
>= 6000	24.3	59.4	62.9	64.4	66.2	66.9	67.3	67.6	67.6	67.7	67.8	67.8	67.9	67.9	67.9	67.9
>= 5000	24.4	60.6	64.3	66.0	67.8	68.6	69.0	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.5
>= 4500	25.0	62.0	65.9	67.6	69.4	70.2	70.7	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2
>= 4000	25.5	64.4	68.7	70.5	72.3	73.1	73.7	73.9	73.9	74.2	74.2	74.2	74.3	74.3	74.3	74.3
>= 3500	25.5	64.7	69.0	70.8	72.9	73.8	74.4	74.6	74.6	74.9	74.9	74.9	75.0	75.0	75.0	75.0
>= 3000	25.7	67.2	71.5	73.6	75.7	76.7	77.3	77.5	77.5	77.9	78.0	78.0	78.1	78.1	78.1	78.2
>= 2500	25.8	67.9	72.2	74.4	76.5	77.5	78.2	78.4	78.4	78.8	78.9	78.9	78.9	78.9	78.9	79.0
>= 2000	26.2	69.0	73.4	75.9	78.2	79.3	80.0	80.3	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.9
>= 1800	26.2	69.0	73.5	76.0	78.4	79.4	80.2	80.5	80.5	80.9	81.0	81.0	81.1	81.1	81.1	81.1
>= 1500	26.5	70.0	74.9	77.6	80.0	81.2	82.1	82.6	82.6	83.0	83.1	83.1	83.2	83.2	83.2	83.3
>= 1200	26.5	70.8	75.7	78.5	81.0	82.2	83.1	83.6	83.6	84.1	84.2	84.2	84.3	84.3	84.3	84.4
>= 1000	26.5	71.2	76.5	79.6	82.2	83.5	84.5	85.1	85.1	85.6	85.7	85.7	85.8	85.8	85.8	85.9
>= 900	26.5	71.2	76.5	79.7	82.4	83.7	84.7	85.2	85.2	85.8	85.9	85.9	85.9	85.9	85.9	86.0
>= 800	26.5	71.6	76.8	80.4	83.3	84.6	85.6	86.3	86.3	86.8	86.9	86.9	87.0	87.0	87.0	87.1
>= 700	26.5	71.7	77.0	80.7	84.0	85.4	86.6	87.3	87.3	87.8	87.9	87.9	88.1	88.1	88.1	88.1
>= 600	26.6	72.1	77.5	81.4	84.9	86.4	87.7	88.4	88.5	89.3	89.4	89.4	89.6	89.6	89.6	89.7
>= 500	26.6	72.3	77.7	81.6	85.5	87.2	88.8	89.6	89.7	90.7	90.8	90.8	91.0	91.0	91.1	91.2
>= 400	26.6	72.6	78.0	82.0	86.1	88.0	89.9	90.7	90.8	91.9	92.1	92.1	92.3	92.3	92.4	92.5
>= 300	26.6	72.8	78.4	82.6	86.7	88.8	90.9	91.8	91.8	93.2	93.6	93.7	94.0	94.0	94.2	94.4
>= 200	26.6	72.8	78.4	82.6	86.7	88.8	91.0	92.1	92.3	94.3	94.9	95.1	95.7	95.8	96.3	96.9
>= 100	26.6	72.9	78.5	82.6	86.8	88.9	91.1	92.2	92.4	94.4	95.3	95.5	96.2	96.4	97.3	98.7
>= 0	26.6	72.9	78.5	82.6	86.8	88.9	91.1	92.2	92.4	94.4	95.3	95.5	96.2	96.5	97.6	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	25.1	46.3	47.1	47.6	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
>=20000	26.4	52.2	53.4	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
>=18000	26.4	52.4	53.7	54.1	54.3	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=16000	26.6	52.7	54.0	54.4	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=14000	26.9	53.2	54.4	54.9	55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
>=12000	28.0	55.1	56.4	56.9	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
>=10000	28.5	57.3	58.8	59.3	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 9000	28.9	58.1	59.5	60.1	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>= 8000	29.2	61.4	63.2	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 7000	29.4	62.2	64.1	65.0	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>= 6000	30.1	63.9	65.9	66.9	67.2	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>= 5000	31.0	66.4	68.5	69.6	70.1	70.3	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>= 4500	31.4	67.3	69.4	70.6	71.4	71.6	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 4000	31.7	69.2	71.5	72.8	73.8	73.9	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 3500	32.1	70.6	73.0	74.3	75.3	75.4	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
>= 3000	32.8	73.4	75.9	77.5	78.8	78.9	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 2500	33.2	74.2	76.7	78.6	79.9	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
>= 2000	33.5	75.4	78.2	80.0	81.5	81.8	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 1800	33.5	75.6	78.3	80.2	81.8	82.1	82.3	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 1500	33.6	77.0	80.0	81.9	83.6	83.9	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
>= 1200	33.7	77.4	80.4	82.3	84.1	84.4	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>= 1000	33.8	78.0	81.3	83.5	85.5	85.9	86.3	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8
>= 900	33.8	78.1	81.4	83.8	86.3	86.7	87.2	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 800	33.8	78.3	81.7	84.4	87.0	87.6	88.2	88.7	88.7	89.1	89.2	89.2	89.3	89.3	89.3	89.4
>= 700	33.8	78.5	81.9	84.8	87.7	88.4	89.1	89.6	89.6	90.0	90.2	90.2	90.3	90.3	90.3	90.3
>= 600	33.8	78.6	82.1	85.4	88.4	89.5	90.3	90.9	90.9	91.4	91.5	91.5	91.6	91.6	91.7	91.8
>= 500	33.8	78.9	82.3	85.6	88.8	89.9	91.1	91.9	91.9	92.6	92.9	92.9	93.0	93.0	93.2	93.2
>= 400	33.8	79.0	82.7	86.0	89.4	90.6	91.9	92.9	92.9	93.7	94.3	94.3	94.6	94.6	94.8	94.9
>= 300	33.8	79.1	82.8	86.1	89.8	91.2	92.7	94.0	94.0	95.1	95.6	95.6	96.1	96.2	96.5	96.6
>= 200	33.8	79.1	82.8	86.1	89.8	91.4	93.0	94.5	94.6	95.9	96.6	96.6	97.5	97.6	98.3	98.7
>= 100	33.8	79.1	82.8	86.1	89.9	91.4	93.1	94.6	94.7	96.1	96.9	96.9	97.8	98.0	98.9	99.9
>= 0	33.8	79.1	82.8	86.1	89.9	91.4	93.1	94.6	94.7	96.1	96.9	96.9	97.8	98.0	98.9	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	44.2	44.9	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
>=20000	27.1	50.3	51.4	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
>=18000	27.2	50.5	51.6	52.1	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
>=16000	27.4	50.9	52.0	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.5	52.9	52.9	52.9	52.9
>=14000	27.9	51.4	52.5	53.1	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
>=12000	28.4	52.9	54.0	54.5	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	29.0	55.7	56.9	57.6	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	29.1	56.1	57.2	58.0	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>= 8000	29.6	58.7	60.4	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>= 7000	29.9	59.9	61.6	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>= 6000	30.5	61.1	62.9	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>= 5000	31.5	63.4	65.4	66.5	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 4500	32.1	64.3	66.6	67.8	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 4000	33.4	67.8	70.1	71.3	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
>= 3500	33.8	69.1	71.6	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>= 3000	35.0	73.4	76.3	77.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 2500	35.7	74.9	77.9	79.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 2000	36.4	76.5	79.7	81.5	82.9	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 1800	36.4	76.7	79.9	81.7	83.0	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 1500	36.8	77.9	81.2	83.4	85.1	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6
>= 1200	36.9	78.7	82.1	84.3	86.4	86.8	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
>= 1000	36.9	79.2	82.8	85.4	87.7	88.2	88.5	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
>= 900	36.9	79.3	83.0	85.5	88.0	88.5	88.9	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3
>= 800	36.9	79.4	83.2	86.0	89.0	89.7	90.2	90.4	90.4	90.5	90.7	90.7	90.8	90.8	90.8	90.8
>= 700	36.9	79.5	83.5	86.4	89.6	90.4	91.1	91.4	91.4	91.5	91.6	91.6	91.7	91.7	91.7	91.7
>= 600	36.9	79.7	83.9	86.9	90.4	91.4	92.3	93.0	93.0	93.2	93.4	93.4	93.6	93.6	93.6	93.6
>= 500	36.9	79.9	84.2	87.3	91.1	92.4	93.5	94.7	94.7	95.1	95.3	95.3	95.5	95.5	95.5	95.5
>= 400	36.9	79.9	84.2	87.4	91.2	92.7	94.1	95.5	95.5	96.1	96.3	96.3	96.6	96.6	96.7	96.7
>= 300	36.9	79.9	84.4	87.7	91.5	93.0	94.6	96.1	96.1	96.8	97.2	97.4	97.9	97.9	97.9	97.9
>= 200	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	97.2	98.0	98.2	98.9	98.9	99.1	99.4
>= 100	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	97.3	98.1	98.2	99.0	99.0	99.6	99.9
>= 0	36.9	79.9	84.4	87.7	91.6	93.2	94.7	96.3	96.3	97.3	98.1	98.2	99.0	99.0	99.6	100.0

TOTAL NO. OF OBS : 1256

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.1	46.0	46.8	47.3	47.7	47.7	47.8	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	27.1	52.5	53.4	54.1	54.5	54.5	54.6	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=18000	27.1	52.5	53.4	54.2	54.6	54.6	54.6	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
>=16000	27.3	53.1	54.0	54.7	55.1	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=14000	27.5	53.8	54.7	55.5	55.9	55.9	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=12000	27.9	54.7	55.7	56.5	56.9	56.9	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=10000	28.6	56.6	57.7	58.8	59.2	59.2	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5
>= 9000	28.9	57.2	58.4	59.4	59.8	59.8	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1
>= 8000	29.7	60.3	61.8	63.0	63.4	63.4	63.5	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>= 7000	30.2	62.2	63.8	64.9	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
>= 6000	31.0	63.5	65.1	66.5	66.9	66.9	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>= 5000	32.9	66.7	68.4	69.8	70.4	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 4500	33.4	68.5	70.4	71.8	72.4	72.4	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>= 4000	34.3	70.9	73.3	74.7	75.3	75.4	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 3500	35.1	72.6	74.9	76.5	77.2	77.3	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 3000	35.8	75.9	78.6	80.3	81.3	81.4	81.6	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2500	36.3	77.8	80.5	82.2	83.3	83.3	83.6	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>= 2000	36.8	78.7	81.6	83.7	84.9	85.0	85.2	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>= 1800	36.8	79.0	81.9	84.1	85.2	85.4	85.6	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2
>= 1500	36.9	79.5	82.5	84.7	86.0	86.3	86.7	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3
>= 1200	36.9	79.6	82.7	85.2	86.5	87.2	87.7	88.0	88.0	88.3	88.3	88.3	88.4	88.4	88.4	88.4
>= 1000	37.0	80.1	83.5	86.2	87.8	88.5	89.1	89.5	89.5	89.9	89.9	89.9	90.0	90.0	90.0	90.0
>= 900	37.0	80.3	83.8	86.6	88.3	89.1	89.8	90.3	90.3	90.9	90.9	90.9	91.0	91.0	91.0	91.0
>= 800	37.0	80.3	83.9	86.8	88.7	89.5	90.5	91.2	91.2	91.8	92.0	92.0	92.1	92.1	92.1	92.1
>= 700	37.0	80.5	84.1	87.4	89.4	90.4	91.5	92.4	92.4	92.9	93.2	93.2	93.3	93.3	93.3	93.3
>= 600	37.0	80.7	84.5	87.9	89.9	91.2	92.5	93.5	93.5	94.1	94.3	94.3	94.5	94.5	94.5	94.5
>= 500	37.0	80.7	84.6	88.1	90.5	91.8	93.3	94.4	94.5	95.2	95.4	95.4	95.6	95.6	95.6	95.6
>= 400	37.0	81.1	85.0	88.5	91.0	92.4	94.0	95.2	95.2	96.1	96.4	96.4	96.7	96.7	96.8	96.8
>= 300	37.0	81.1	85.0	88.5	91.0	92.5	94.1	95.5	95.6	96.7	97.0	97.0	97.5	97.5	97.6	97.7
>= 200	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.9	97.2	97.8	97.8	98.6	98.6	98.7	99.1
>= 100	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.9	97.2	98.0	98.0	99.0	99.0	99.3	99.9
>= 0	37.0	81.1	85.0	88.5	91.0	92.5	94.2	95.8	95.9	97.2	98.0	98.0	99.0	99.0	99.4	100.0

TOTAL NO. OF OBS : 1261

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAR
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	24.2	51.2	52.4	52.6	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.3
>=20000	25.1	55.3	56.5	56.9	57.3	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.6
>=18000	25.2	55.5	56.7	57.0	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7
>=16000	25.2	55.5	56.8	57.1	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8
>=14000	25.4	56.2	57.5	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
>=12000	25.9	57.4	58.7	59.1	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8
>=10000	26.8	60.9	62.4	62.9	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
>= 9000	27.0	61.2	62.7	63.2	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
>= 8000	27.9	65.3	66.8	67.5	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3
>= 7000	28.4	66.7	68.2	68.9	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9
>= 6000	28.9	68.0	69.7	70.6	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
>= 5000	29.1	70.0	72.0	72.9	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.2
>= 4500	29.4	71.4	73.6	74.4	75.2	75.4	75.5	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.9
>= 4000	30.0	74.4	76.9	78.0	78.8	79.0	79.2	79.3	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.6
>= 3500	30.0	75.1	77.6	78.7	79.6	79.8	80.1	80.2	80.2	80.2	80.2	80.2	80.4	80.4	80.4	80.5
>= 3000	30.4	77.4	80.3	81.3	82.4	82.5	82.9	83.0	83.0	83.1	83.1	83.1	83.3	83.3	83.3	83.4
>= 2500	30.5	78.3	81.5	82.7	83.8	83.9	84.3	84.4	84.4	84.5	84.5	84.5	84.7	84.7	84.7	84.8
>= 2000	30.6	79.1	82.5	83.9	85.0	85.2	85.6	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.1
>= 1800	30.6	79.2	82.6	84.0	85.2	85.3	85.8	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.3
>= 1500	30.6	79.6	83.1	84.8	86.1	86.3	86.9	87.0	87.0	87.1	87.1	87.1	87.3	87.3	87.3	87.4
>= 1200	30.6	79.8	83.6	85.4	86.8	87.1	87.7	87.9	87.9	88.0	88.1	88.1	88.2	88.2	88.2	88.3
>= 1000	30.7	80.2	84.4	86.4	87.8	88.2	88.8	89.0	89.0	89.1	89.3	89.3	89.4	89.4	89.4	89.5
>= 900	30.7	80.3	84.5	86.5	88.1	88.4	89.1	89.3	89.3	89.4	89.6	89.6	89.7	89.7	89.7	89.8
>= 800	30.7	80.5	84.9	87.1	89.0	89.5	90.2	90.5	90.5	90.7	90.9	90.9	91.1	91.1	91.1	91.1
>= 700	30.7	80.8	85.2	87.5	89.6	90.2	91.1	91.5	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.1
>= 600	30.7	80.9	85.5	88.1	90.5	91.1	92.3	92.7	92.7	92.9	93.2	93.2	93.3	93.3	93.3	93.4
>= 500	30.7	80.9	85.6	88.3	90.9	91.8	93.2	93.6	93.6	94.0	94.3	94.3	94.4	94.4	94.4	94.5
>= 400	30.7	81.3	86.0	88.6	91.5	92.5	94.3	95.0	95.0	95.5	95.8	95.8	96.0	96.0	96.1	96.2
>= 300	30.7	81.3	86.0	88.7	91.6	92.9	95.1	95.9	95.9	96.9	97.3	97.3	97.5	97.5	97.6	97.7
>= 200	30.7	81.3	86.0	88.7	91.7	93.0	95.2	96.2	96.2	97.3	98.0	98.0	98.3	98.3	98.4	98.7
>= 100	30.7	81.3	86.0	88.7	91.7	93.1	95.4	96.5	96.5	97.6	98.4	98.4	98.8	98.9	99.2	99.6
>= 0	30.7	81.3	86.0	88.7	91.7	93.1	95.4	96.5	96.5	97.6	98.4	98.4	99.0	99.1	99.5	100.0

TOTAL NO. OF OBS : 1275

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.6	55.0	56.0	56.4	56.6	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8	56.8	56.9	56.9
>=20000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2
>=18000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2
>=16000	25.3	58.1	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2
>=14000	25.6	58.6	59.7	60.2	60.4	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.7	60.8	60.8
>=12000	26.0	59.9	61.0	61.5	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.1	62.1
>=10000	26.7	63.5	64.8	65.4	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9
>= 9000	26.9	63.9	65.3	65.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.4	66.4
>= 8000	27.5	67.7	69.4	70.2	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.8	70.8
>= 7000	27.8	68.7	70.3	71.3	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.9	71.9
>= 6000	27.9	69.6	71.3	72.3	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9	73.0	73.0
>= 5000	28.5	72.2	73.9	75.0	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7	75.7	75.7
>= 4500	29.0	73.9	75.6	76.6	77.0	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.5	77.6	77.6
>= 4000	29.2	75.4	77.3	78.4	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.3	79.4	79.4
>= 3500	29.2	76.1	77.9	79.0	79.4	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.9	80.0	80.0
>= 3000	29.4	77.6	79.6	80.8	81.2	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.9	81.9
>= 2500	29.5	79.2	81.5	82.7	83.1	83.4	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.7	83.8	83.8
>= 2000	29.6	79.7	82.3	83.5	84.1	84.3	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.8	84.9	84.9
>= 1800	29.6	79.9	82.6	83.8	84.3	84.5	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.1	85.1
>= 1500	29.8	80.8	83.5	84.8	85.4	85.8	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.4
>= 1200	29.8	81.0	83.8	85.1	85.7	86.1	86.4	86.4	86.4	86.6	86.7	86.7	86.7	86.7	86.8	86.8
>= 1000	29.8	81.6	84.9	86.5	87.2	88.0	88.6	88.6	88.6	88.8	88.9	88.9	88.9	88.9	89.0	89.0
>= 900	29.8	81.8	85.1	87.1	87.8	88.6	89.3	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.7	89.7
>= 800	29.8	82.0	85.5	87.9	88.8	89.6	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.8	90.9	90.9
>= 700	29.8	82.3	85.9	88.5	89.5	90.3	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.5	91.6	91.6
>= 600	29.8	82.7	86.3	89.3	90.6	91.4	92.4	92.5	92.5	92.6	92.7	92.7	92.8	92.9	92.9	92.9
>= 500	29.9	82.8	86.5	89.6	91.1	92.1	93.2	93.4	93.4	93.6	93.6	93.6	93.7	93.8	94.0	94.0
>= 400	29.9	83.0	86.9	90.1	91.9	93.1	94.7	95.1	95.1	95.4	95.4	95.4	95.5	95.6	95.8	95.8
>= 300	29.9	83.0	87.0	90.3	92.1	93.2	95.3	95.9	95.9	96.5	96.6	96.6	96.7	96.8	96.9	96.9
>= 200	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.5	96.5	97.3	97.3	97.4	97.7	97.8	98.0	98.2
>= 100	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.7	96.7	97.4	97.6	97.7	98.4	98.6	98.9	99.4
>= 0	29.9	83.0	87.1	90.3	92.2	93.3	95.8	96.7	96.7	97.4	97.7	97.8	98.6	98.7	99.1	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
HOUR : ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.5	48.8	49.9	50.5	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3
>=20000	24.6	53.3	54.5	55.2	55.7	55.8	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.1
>=18000	24.6	53.3	54.6	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2
>=16000	24.7	53.6	54.9	55.6	56.0	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>=14000	25.0	54.1	55.4	56.2	56.6	56.7	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
>=12000	25.5	55.4	56.7	57.5	57.9	58.0	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3
>=10000	26.3	58.4	59.9	60.7	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>= 9000	26.5	58.9	60.4	61.3	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.3
>= 8000	27.1	62.3	64.1	65.1	65.7	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>= 7000	27.5	63.5	65.4	66.5	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7
>= 6000	28.1	64.9	66.9	68.1	68.7	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.3
>= 5000	28.8	67.1	69.3	70.5	71.3	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
>= 4500	29.1	68.4	70.7	72.0	72.8	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
>= 4000	29.7	70.7	73.2	74.6	75.5	75.7	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3
>= 3500	29.9	71.6	74.2	75.6	76.5	76.8	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4
>= 3000	30.4	74.1	76.9	78.5	79.6	79.8	80.1	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.5
>= 2500	30.7	75.4	78.4	80.0	81.2	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.2
>= 2000	31.0	76.4	79.6	81.5	82.7	83.1	83.4	83.5	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8
>= 1800	31.0	76.6	79.8	81.7	83.0	83.4	83.7	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.2
>= 1500	31.2	77.4	80.8	82.9	84.3	84.7	85.1	85.3	85.3	85.5	85.5	85.5	85.6	85.6	85.6	85.6
>= 1200	31.2	77.8	81.3	83.5	85.1	85.5	86.0	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.6
>= 1000	31.2	78.3	82.1	84.6	86.3	86.9	87.4	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.1
>= 900	31.3	78.5	82.3	84.9	86.8	87.4	88.0	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.8
>= 800	31.3	78.7	82.6	85.5	87.5	88.2	88.9	89.3	89.3	89.6	89.7	89.7	89.8	89.8	89.8	89.9
>= 700	31.3	78.8	82.9	85.9	88.1	88.9	89.7	90.2	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.8
>= 600	31.3	79.1	83.3	86.5	88.9	89.8	90.8	91.4	91.4	91.8	92.0	92.0	92.1	92.1	92.1	92.2
>= 500	31.3	79.3	83.6	86.9	89.6	90.6	91.8	92.6	92.6	93.2	93.3	93.3	93.5	93.5	93.5	93.6
>= 400	31.3	79.5	83.8	87.2	90.2	91.3	92.8	93.7	93.8	94.4	94.7	94.7	94.9	94.9	95.0	95.1
>= 300	31.3	79.6	84.0	87.4	90.5	91.8	93.5	94.6	94.7	95.6	95.9	95.9	96.3	96.3	96.4	96.5
>= 200	31.3	79.6	84.0	87.4	90.5	91.9	93.8	95.0	95.1	96.2	96.7	96.8	97.3	97.4	97.7	98.0
>= 100	31.3	79.6	84.0	87.5	90.6	92.0	93.9	95.2	95.2	96.4	97.1	97.2	97.9	98.0	98.5	99.2
>= 0	31.3	79.6	84.0	87.5	90.6	92.0	93.9	95.2	95.2	96.4	97.2	97.3	98.0	98.1	98.8	100.0

TOTAL NO. OF OBS : 10165

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.3	1.7	.9	.4	.2	.0	.0	.0	.0	.0	4.8	9.2
NNE	.2	1.3	1.4	.6	.2	.1	.0	.0	.0	.0	.0	3.7	8.2
NE	.3	.9	1.2	.6	.1	.0	.1	.0	.0	.0	.0	3.1	8.6
ENE	.0	.8	.7	.2	.0	.1	.0	.0	.0	.0	.0	1.7	8.2
E	.5	1.3	1.4	.5	.1	.0	.0	.0	.0	.0	.0	3.7	7.0
ESE	.7	.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
SE	.8	1.6	2.1	.5	.1	.1	.0	.0	.0	.0	.0	5.2	7.3
SSE	.8	2.9	2.2	1.1	.2	.0	.0	.0	.0	.0	.0	7.2	7.4
S	1.7	2.5	2.1	1.7	.1	.0	.0	.0	.0	.0	.0	8.1	7.2
SSW	.4	1.7	2.5	2.9	.4	.0	.0	.0	.0	.0	.0	7.9	9.8
SW	.8	1.9	3.7	2.5	.5	.0	.0	.0	.0	.0	.0	9.3	9.3
WSW	.7	1.3	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	4.7	8.1
W	1.0	2.2	2.0	.9	.1	.0	.0	.0	.0	.0	.0	6.2	6.9
WNW	1.2	2.2	1.8	1.0	.4	.1	.0	.0	.0	.0	.0	6.7	7.8
NW	.7	3.1	2.5	1.6	.8	.3	.1	.1	.0	.0	.0	9.1	9.7
NNW	1.0	1.8	1.7	1.4	.4	.2	.1	.0	.0	.0	.0	6.7	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	9.8	.0
ALL	11.2	27.3	29.3	17.2	3.8	1.0	.2	.1	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.1	2.1	.9	.2	.1	.0	.0	.0	.0	.0	6.3	7.6
NNE	.3	1.0	1.7	.7	.2	.0	.0	.0	.0	.0	.0	3.9	8.7
NE	.5	1.2	1.1	.6	.2	.0	.0	.0	.0	.0	.0	3.7	8.1
ENE	.8	.9	.9	.6	.0	.0	.0	.0	.0	.0	.0	3.2	7.2
E	.5	.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.7	6.7
ESE	.3	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	6.5
SE	.7	1.2	1.0	1.0	.1	.0	.0	.0	.0	.0	.0	3.9	7.6
SSE	.7	1.2	.8	.7	.1	.0	.0	.0	.0	.0	.0	3.5	7.1
S	.9	1.8	1.1	.7	.1	.0	.0	.0	.0	.0	.0	4.6	6.8
SSW	.7	1.0	2.3	2.2	.2	.1	.0	.0	.0	.0	.0	6.4	9.5
SW	.6	1.8	2.8	3.3	.6	.1	.0	.0	.0	.0	.0	9.2	10.3
WSW	.6	.9	2.4	1.2	.2	.0	.0	.0	.0	.0	.0	5.2	8.8
W	1.1	2.9	1.8	.7	.0	.0	.0	.0	.0	.0	.0	6.5	6.6
WNW	1.3	2.7	1.9	1.1	.3	.1	.1	.0	.0	.0	.0	7.5	7.7
NW	1.6	2.9	2.6	2.4	.6	.4	.1	.0	.0	.0	.0	10.5	9.0
NNW	1.0	1.9	2.9	1.5	.5	.2	.0	.0	.0	.0	.0	8.0	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.8	.0
ALL	12.5	25.5	26.7	18.2	3.2	1.0	.2	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.7	.6	.4	.2	.0	.0	.0	.0	.0	4.8	8.6
NNE	.2	1.2	1.3	.6	.2	.0	.0	.0	.0	.0	.0	3.6	8.6
NE	.6	1.7	1.7	1.2	.2	.0	.0	.0	.0	.0	.0	5.4	8.0
ENE	.6	.9	1.5	.8	.0	.0	.0	.0	.0	.0	.0	3.7	7.7
E	.5	2.0	1.3	.5	.0	.0	.0	.0	.0	.0	.0	4.2	6.6
ESE	.7	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.5	5.7
SE	.8	1.4	.9	.7	.1	.0	.0	.0	.0	.0	.0	3.9	7.2
SSE	.2	1.3	1.4	.6	.1	.0	.0	.0	.0	.0	.0	3.6	7.7
S	.4	1.3	1.4	.9	.0	.1	.0	.0	.0	.0	.0	4.0	8.5
SSW	.5	.7	2.2	2.1	.5	.0	.0	.0	.0	.0	.0	6.0	10.1
SW	.4	1.8	2.9	3.3	1.0	.1	.0	.0	.0	.0	.0	9.6	10.7
WSW	.2	1.4	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	4.5	8.5
W	1.1	2.7	2.1	.5	.2	.0	.0	.0	.0	.0	.0	6.6	6.8
WNW	1.4	2.3	3.1	1.7	.3	.2	.0	.0	.0	.0	.0	9.0	8.2
NW	1.0	3.4	3.7	2.2	1.0	.5	.0	.2	.0	.0	.0	12.0	9.8
NNW	.6	2.1	2.2	2.1	1.0	.1	.0	.0	.0	.0	.0	8.1	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.4	.0
ALL	9.7	26.7	30.1	18.8	5.0	1.1	.0	.2	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.5	2.7	1.7	.5	.2	.0	.0	.0	.0	.0	8.3	8.9
NNE	.4	2.3	2.4	1.6	.0	.1	.0	.0	.0	.0	.0	6.8	8.2
NE	.5	1.4	2.1	1.1	.0	.0	.0	.0	.0	.0	.0	5.2	7.9
ENE	.3	1.5	1.0	.6	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
E	.6	1.5	1.6	.2	.2	.0	.0	.0	.0	.0	.0	4.1	7.0
ESE	.2	2.3	1.7	.2	.0	.0	.0	.0	.0	.0	.0	4.5	6.7
SE	.3	2.9	3.5	1.9	.4	.0	.0	.0	.0	.0	.0	9.0	8.7
SSE	.2	.6	1.9	1.1	.1	.2	.0	.0	.0	.0	.0	4.1	9.7
S	.1	.7	.8	1.4	.2	.0	.0	.0	.0	.0	.0	3.3	10.5
SSW	.2	.7	1.8	2.8	.7	.0	.0	.0	.0	.0	.0	6.2	11.3
SW	.6	.6	1.5	2.7	.9	.5	.0	.0	.0	.0	.0	6.7	12.3
WSW	.2	.5	2.2	1.1	.5	.1	.0	.0	.0	.0	.0	4.6	10.8
W	.1	1.7	1.6	1.6	.5	.0	.1	.0	.0	.0	.0	5.5	10.3
WNW	.5	1.4	2.1	2.3	.6	.1	.1	.0	.0	.0	.0	7.1	10.4
NW	.2	1.8	4.1	3.7	1.4	.7	.3	.1	.0	.0	.0	12.2	12.2
NNW	.5	1.7	2.1	2.3	.7	.0	.0	.1	.0	.0	.0	7.3	10.3
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	2.1	.0
ALL	5.4	24.0	33.1	26.3	6.6	1.8	.5	.2	.0	.0	.0	100.0	9.6

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.6	1.4	1.2	.2	.1	.0	.0	.0	.0	.0	4.8	9.0
NNE	.2	1.3	3.3	1.5	.1	.1	.0	.0	.0	.0	.0	6.4	9.0
NE	.5	2.0	3.7	1.6	.2	.1	.0	.0	.0	.0	.0	8.0	8.7
ENE	.6	.9	1.5	.5	.1	.1	.0	.0	.0	.0	.0	3.6	7.6
E	.5	1.5	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
ESE	.9	2.2	3.2	.8	.0	.0	.0	.0	.0	.0	.0	7.1	7.0
SE	.2	2.4	7.8	5.1	1.6	.2	.0	.0	.0	.0	.0	17.2	10.5
SSE	.1	1.7	2.2	3.5	.6	.1	.0	.0	.0	.0	.0	8.2	10.8
S	.0	.1	.6	1.4	.5	.2	.0	.0	.0	.0	.0	2.8	13.2
SSW	.1	.4	.7	1.8	.5	.1	.0	.0	.0	.0	.0	3.6	12.2
SW	.0	.2	1.5	2.5	1.2	.0	.0	.0	.0	.0	.0	5.4	12.9
WSW	.0	.2	1.0	2.1	.3	.1	.0	.0	.0	.0	.0	3.8	12.6
W	.1	.6	1.2	2.6	.5	.1	.0	.0	.0	.0	.0	5.0	12.0
WNW	.0	.6	1.3	2.5	.6	.2	.1	.0	.0	.0	.0	5.2	12.5
NW	.2	.8	2.0	3.2	1.7	.5	.2	.0	.0	.0	.0	8.6	13.5
NNW	.5	.6	2.4	1.8	.2	.2	.2	.0	.0	.0	.0	5.9	11.1
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	1.3	.0
ALL	4.0	17.1	34.8	32.3	8.3	1.8	.5	.0	.0	.0	.0	100.0	10.4

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1600 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	1.2	2.1	.6	.2	.0	.0	.0	.0	.0	.0	4.7	8.2
NNE	.5	2.2	2.7	1.3	.2	.1	.0	.0	.0	.0	.0	7.0	8.3
NE	.5	2.1	2.1	.6	.2	.1	.0	.0	.0	.0	.0	5.5	7.9
ENE	.3	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	1.9	6.9
E	.5	1.0	1.3	.3	.1	.0	.0	.0	.0	.0	.0	3.3	7.2
ESE	.6	1.6	2.1	.6	.2	.1	.0	.0	.0	.0	.0	5.2	7.8
SE	.7	3.4	7.5	6.4	.9	.0	.0	.0	.0	.0	.0	19.0	9.6
SSE	.2	1.4	5.0	6.3	1.2	.1	.0	.0	.0	.0	.0	14.1	11.5
S	.0	.8	1.6	1.3	.2	.1	.0	.0	.0	.0	.0	3.9	10.3
SSW	.0	.2	.6	1.5	.3	.0	.0	.0	.0	.0	.0	2.6	11.7
SW	.0	.5	.7	1.8	.7	.1	.0	.0	.0	.0	.0	3.8	12.5
WSW	.0	.3	1.1	1.6	.3	.2	.0	.0	.0	.0	.0	3.6	12.7
W	.0	.7	1.3	1.8	.6	.0	.1	.0	.0	.0	.0	4.5	12.1
WNW	.1	.4	1.8	1.9	.1	.3	.0	.0	.0	.0	.0	4.6	11.5
NW	.2	.8	2.1	4.1	1.4	1.3	.2	.0	.0	.0	.0	10.1	14.0
NNW	.2	.3	1.4	1.8	.5	.2	.0	.0	.0	.0	.0	4.5	11.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	.0
ALL	4.2	17.7	34.1	32.2	7.2	2.5	.2	.0	.0	.0	.0	100.0	10.3

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.4	.5	.3	.1	.0	.0	.0	.0	.0	4.6	7.6
NNE	.7	1.3	.8	.5	.1	.2	.0	.0	.0	.0	.0	3.5	7.3
NE	.6	.9	.8	.7	.2	.2	.0	.0	.0	.0	.0	3.4	8.8
ENE	.3	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	1.6	8.5
E	1.0	.6	1.3	.7	.1	.0	.0	.0	.0	.0	.0	3.6	7.6
ESE	.6	.9	1.0	.7	.0	.1	.0	.0	.0	.0	.0	3.2	7.7
SE	1.1	3.6	3.3	1.4	.2	.1	.0	.0	.0	.0	.0	9.8	7.7
SSE	1.5	4.4	6.0	3.5	.6	.0	.0	.0	.0	.0	.0	16.0	8.4
S	1.3	4.2	4.8	2.5	.2	.0	.0	.0	.0	.0	.0	13.0	7.7
SSW	.4	.9	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	4.1	9.1
SW	.4	1.0	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	3.9	9.0
WSW	.1	.7	.6	.5	.2	.0	.0	.0	.0	.0	.0	2.1	9.2
W	.4	1.6	1.3	.6	.1	.1	.1	.0	.0	.0	.0	4.0	8.4
WNW	.6	.7	.8	1.5	.2	.4	.0	.0	.0	.0	.0	4.2	10.6
NW	.6	1.1	3.1	2.1	1.0	.6	.2	.1	.0	.0	.0	8.7	11.8
NNW	.4	1.4	1.2	1.5	.4	.6	.0	.0	.0	.0	.0	5.5	10.7
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	8.9	.0
ALL	10.8	24.9	29.8	19.4	3.7	2.2	.2	.1	.0	.0	.0	100.0	7.9

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	1.4	2.4	.7	.3	.1	.0	.0	.0	.0	.0	5.6	8.4
NNE	.2	.6	.4	.3	.2	.1	.0	.0	.0	.0	.0	1.8	9.6
NE	.4	.7	.7	1.0	.0	.2	.0	.0	.0	.0	.0	2.9	9.5
ENE	.3	.9	.7	.2	.0	.0	.0	.0	.0	.0	.0	2.1	6.6
E	.2	1.1	1.3	.3	.1	.0	.0	.0	.0	.0	.0	3.0	7.4
ESE	.4	1.4	1.1	.6	.1	.1	.0	.0	.0	.0	.0	3.7	8.2
SE	.5	2.1	2.6	1.5	.2	.0	.0	.0	.0	.0	.0	6.9	8.2
SSE	.6	3.8	3.7	1.7	.2	.0	.0	.0	.0	.0	.0	10.0	7.7
S	1.3	3.9	4.6	2.1	.2	.1	.0	.0	.0	.0	.0	12.2	7.9
SSW	.6	1.6	3.3	2.8	.3	.0	.0	.0	.0	.0	.0	8.7	9.4
SW	.6	1.5	1.9	2.2	.2	.0	.0	.0	.0	.0	.0	6.5	9.2
WSW	1.0	1.3	.5	.7	.1	.0	.0	.0	.0	.0	.0	3.5	6.8
W	.7	1.2	2.0	.9	.0	.0	.0	.0	.0	.0	.0	4.8	7.8
WNW	.8	1.1	1.0	1.3	.6	.1	.0	.0	.0	.0	.0	4.8	9.6
NW	.6	1.5	1.5	1.5	.6	.5	.0	.1	.0	.0	.0	6.4	10.7
NNW	.6	1.0	2.2	1.2	.7	.3	.2	.0	.0	.0	.0	6.2	10.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.7	.0
ALL	9.5	25.2	30.0	19.1	3.8	1.4	.2	.1	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	1.6	1.9	.9	.3	.1	.0	.0	.0	.0	.0	5.5	8.4
NNE	.3	1.4	1.7	.9	.1	.1	.0	.0	.0	.0	.0	4.6	8.4
NE	.5	1.3	1.7	.9	.1	.1	.0*	.0	.0	.0	.0	4.6	8.4
ENE	.4	.8	.9	.4	.0*	.0*	.0	.0	.0	.0	.0	2.6	7.4
E	.5	1.2	1.3	.4	.1	.0	.0	.0	.0	.0	.0	3.5	7.0
ESE	.5	1.4	1.3	.5	.0*	.0*	.0	.0	.0	.0	.0	3.8	7.1
SE	.6	2.3	3.6	2.3	.4	.0*	.0	.0	.0	.0	.0	9.3	8.9
SSE	.5	2.2	2.9	2.3	.4	.0*	.0	.0	.0	.0	.0	8.3	9.1
S	.7	1.9	2.1	1.5	.2	.0*	.0	.0	.0	.0	.0	6.5	8.3
SSW	.4	.9	1.9	2.1	.4	.0*	.0	.0	.0	.0	.0	5.7	10.2
SW	.4	1.2	2.0	2.4	.7	.1	.0	.0	.0	.0	.0	6.8	10.6
WSW	.4	.8	1.4	1.1	.2	.0*	.0	.0	.0	.0	.0	4.0	9.6
W	.6	1.7	1.7	1.2	.2	.0*	.0*	.0	.0	.0	.0	5.4	8.6
WNW	.7	1.4	1.7	1.7	.4	.2	.0*	.0	.0	.0	.0	6.1	9.5
NW	.6	1.9	2.7	2.6	1.1	.6	.1	.1	.0	.0	.0	9.7	11.3
NNW	.6	1.3	2.0	1.7	.5	.2	.0*	.0*	.0	.0	.0	6.5	10.2
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	7.0	.0
ALL	8.4	23.6	31.0	22.9	5.2	1.6	.2	.1	.0	.0	.0	100.0	8.6

TOTAL NO. OF OBS : 10076

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	24.5	55.3	56.9	57.2	57.6	57.6	57.7	57.8	57.8	57.6	57.8	57.8	57.8	57.8	58.0	58.0
>=20000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
>=18000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
>=16000	24.9	59.0	60.6	61.1	61.6	61.6	61.7	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.0	62.0
>=14000	25.1	59.4	61.0	61.5	62.0	62.0	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.4	62.4
>=12000	25.6	60.5	62.1	62.8	63.3	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7
>=10000	26.5	64.4	66.2	67.0	67.6	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.0	68.0
>= 9000	27.0	65.4	67.2	68.0	68.5	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.9	68.9
>= 8000	27.8	69.5	71.5	72.4	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.5
>= 7000	28.3	70.8	72.8	73.7	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7	74.7
>= 6000	28.8	72.2	74.4	75.3	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3
>= 5000	29.2	73.9	76.2	77.1	77.7	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.2	78.2
>= 4500	29.4	74.9	77.2	78.3	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.4	79.4
>= 4000	29.7	77.1	79.5	80.6	81.3	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7
>= 3500	30.2	78.2	80.6	81.8	82.5	82.5	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0
>= 3000	30.6	80.0	82.5	83.8	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2
>= 2500	30.7	80.8	83.4	84.7	85.5	85.5	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	86.1	86.1
>= 2000	30.9	81.8	84.6	85.9	86.8	86.8	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4
>= 1800	30.9	81.9	84.6	86.2	87.0	87.0	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.7	87.7
>= 1500	31.1	82.9	85.8	87.4	88.5	88.5	88.8	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.3	89.3
>= 1200	31.2	83.4	86.4	88.1	89.2	89.3	89.6	89.7	89.7	89.8	89.9	89.9	89.9	89.9	90.2	90.2
>= 1000	31.2	84.0	87.2	89.1	90.3	90.4	90.7	90.8	90.8	90.9	91.1	91.1	91.1	91.1	91.3	91.3
>= 900	31.2	84.3	87.5	89.6	90.8	91.0	91.3	91.4	91.4	91.5	91.6	91.6	91.6	91.6	91.9	91.9
>= 800	31.2	84.6	87.8	89.9	91.3	91.5	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.4	92.4
>= 700	31.2	84.7	88.2	90.6	92.0	92.2	92.7	92.8	92.8	92.9	93.1	93.1	93.1	93.1	93.3	93.3
>= 600	31.2	85.4	88.8	91.5	93.0	93.2	93.6	93.8	93.8	93.9	94.0	94.0	94.0	94.0	94.3	94.3
>= 500	31.2	85.5	89.1	91.8	93.3	93.7	94.3	94.5	94.5	94.7	94.9	94.9	94.9	94.9	95.1	95.1
>= 400	31.2	85.7	89.5	92.4	94.1	94.6	95.3	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.4	96.4
>= 300	31.2	85.8	89.5	92.6	94.4	95.0	95.8	96.5	96.5	96.9	97.0	97.0	97.0	97.0	97.3	97.3
>= 200	31.2	85.9	89.8	92.8	94.7	95.3	96.2	97.0	97.0	97.6	97.7	97.7	97.7	97.7	98.1	98.1
>= 100	31.2	85.9	89.8	92.9	94.9	95.4	96.4	97.2	97.2	98.0	98.2	98.2	98.4	98.4	99.1	99.3
>= 0	31.2	85.9	89.8	92.9	94.9	95.4	96.4	97.2	97.2	98.0	98.2	98.2	98.4	98.4	99.3	100.0

TOTAL NO. OF OBS : 1243

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	22.4	52.9	54.4	55.6	56.0	56.2	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.5	56.6
>=20000	23.0	56.0	57.5	58.9	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.9
>=18000	23.0	56.0	57.5	58.9	59.3	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.8	59.9
>=16000	23.0	56.1	57.6	59.0	59.4	59.6	59.6	59.6	59.6	59.8	59.8	59.8	59.8	59.8	59.9	60.0
>=14000	23.3	56.6	58.2	59.6	60.0	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5	60.5
>=12000	24.3	57.9	59.5	60.9	61.3	61.4	61.5	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8
>=10000	25.1	61.9	63.6	65.2	65.6	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.2
>= 9000	25.6	62.7	64.4	66.0	66.5	66.7	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.2
>= 8000	26.3	66.6	68.4	70.1	70.7	71.1	71.2	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.5	71.6
>= 7000	26.8	68.4	70.2	72.0	72.6	72.9	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.4
>= 6000	27.1	69.3	71.3	73.1	73.7	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.5	74.6
>= 5000	27.8	71.1	73.2	75.0	75.7	76.0	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.5
>= 4500	28.0	72.0	74.1	75.9	76.7	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.5
>= 4000	28.3	73.8	75.9	77.7	78.6	78.9	79.1	79.1	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.4
>= 3500	28.3	74.7	77.0	78.8	79.7	80.1	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.6
>= 3000	28.5	76.2	78.7	80.7	81.8	82.1	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.7
>= 2500	28.6	77.1	79.7	81.9	83.0	83.3	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.9	84.0
>= 2000	28.9	77.8	80.5	82.7	83.8	84.1	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.7	84.8
>= 1800	29.0	78.0	80.6	82.8	84.0	84.3	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.9
>= 1500	29.0	78.3	81.4	83.8	84.9	85.3	85.5	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.9
>= 1200	29.3	79.2	82.3	84.8	86.1	86.5	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.1
>= 1000	29.3	80.1	83.5	86.1	87.4	87.9	88.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.7	88.7
>= 900	29.3	80.3	83.8	86.6	88.1	88.6	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.3	89.4
>= 800	29.3	80.8	84.4	87.4	89.1	89.5	90.0	90.0	90.0	90.3	90.3	90.4	90.4	90.4	90.4	90.5
>= 700	29.3	81.0	84.8	87.8	89.7	90.4	90.8	90.8	90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.3
>= 600	29.4	81.1	85.3	88.7	90.7	91.5	92.0	92.0	92.0	92.3	92.3	92.4	92.4	92.4	92.5	92.6
>= 500	29.5	81.7	86.2	89.5	91.7	92.7	93.3	93.3	93.3	93.8	93.8	93.9	93.9	93.9	94.1	94.2
>= 400	29.5	81.9	86.5	90.0	92.3	93.4	94.1	94.2	94.2	95.0	95.0	95.1	95.1	95.1	95.2	95.3
>= 300	29.5	81.9	86.7	90.4	92.8	93.8	94.9	95.1	95.2	96.4	96.4	96.5	96.7	96.7	96.8	96.9
>= 200	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.7	95.8	97.2	97.5	97.6	97.8	97.8	98.0	98.1
>= 100	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.9	95.9	97.5	97.8	97.9	98.2	98.2	98.5	99.0
>= 0	29.5	81.9	86.7	90.4	93.0	94.1	95.4	95.9	95.9	97.5	97.8	97.9	98.3	98.3	98.8	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : APR
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	21.0	45.9	47.7	48.7	49.1	49.3	49.4	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.7	49.8
>=20000	21.8	49.5	51.7	52.8	53.2	53.4	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.8	53.9
>=18000	21.8	49.7	51.9	52.9	53.4	53.6	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.1
>=16000	22.0	49.9	52.1	53.2	53.6	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.2	54.3
>=14000	22.4	50.6	52.8	53.9	54.4	54.5	54.7	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	55.0
>=12000	22.7	51.8	54.1	55.2	55.7	55.8	56.0	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.4
>=10000	24.0	55.9	58.3	59.5	60.0	60.3	60.5	60.7	60.7	60.9	60.9	60.9	60.9	60.9	61.0	61.1
>= 9000	24.5	57.1	59.6	60.7	61.3	61.5	61.8	61.9	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.3
>= 8000	25.9	62.2	65.0	66.3	67.0	67.4	67.8	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.4	68.5
>= 7000	26.5	63.9	66.9	68.2	69.0	69.4	69.9	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.5	70.6
>= 6000	27.0	65.3	68.5	69.8	70.6	71.0	71.4	71.6	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.1
>= 5000	27.7	67.4	70.8	72.5	73.6	74.0	74.4	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.1	75.2
>= 4500	28.0	68.4	71.8	73.6	74.8	75.3	75.8	76.1	76.1	76.3	76.4	76.4	76.4	76.4	76.5	76.6
>= 4000	28.7	70.2	73.7	75.7	76.9	77.4	77.9	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.6	78.7
>= 3500	29.0	71.1	74.7	76.7	78.0	78.5	79.0	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.8	79.9
>= 3000	29.3	72.4	76.3	78.4	79.7	80.2	80.7	81.1	81.1	81.4	81.5	81.5	81.5	81.5	81.7	81.8
>= 2500	29.5	73.0	77.1	79.4	80.7	81.3	81.8	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.8	82.9
>= 2000	29.6	73.6	77.8	80.2	81.6	82.2	82.7	83.2	83.2	83.5	83.6	83.6	83.6	83.6	83.8	83.9
>= 1800	29.6	73.7	78.0	80.4	81.8	82.3	82.9	83.4	83.4	83.7	83.8	83.8	83.8	83.8	84.0	84.0
>= 1500	30.0	74.6	79.0	81.7	83.1	83.7	84.3	84.8	84.8	85.1	85.3	85.3	85.3	85.3	85.4	85.5
>= 1200	30.1	75.0	79.4	82.3	83.6	84.3	84.9	85.4	85.4	85.7	85.9	85.9	85.9	85.9	86.1	86.1
>= 1000	30.1	75.7	80.5	83.3	84.8	85.5	86.4	87.0	87.1	87.4	87.6	87.6	87.6	87.6	87.8	87.9
>= 900	30.1	75.9	80.6	83.5	85.1	85.8	86.7	87.4	87.4	87.8	87.9	87.9	87.9	87.9	88.2	88.3
>= 800	30.1	76.3	81.0	84.2	85.8	86.6	87.5	88.2	88.2	88.6	88.8	88.8	88.8	88.8	89.2	89.3
>= 700	30.2	76.6	81.4	84.6	86.5	87.5	88.5	89.4	89.5	89.8	90.0	90.0	90.0	90.0	90.4	90.5
>= 600	30.2	76.9	82.0	85.4	87.8	88.9	90.0	90.9	91.1	91.4	91.7	91.7	91.7	91.7	92.1	92.1
>= 500	30.3	77.3	82.6	86.4	89.2	90.4	91.7	92.7	92.9	93.4	93.7	93.7	93.8	93.8	94.2	94.4
>= 400	30.3	77.5	82.9	86.8	89.8	91.0	92.5	93.8	93.9	94.6	94.9	94.9	95.0	95.1	95.5	95.6
>= 300	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.5	95.9	95.9	96.2	96.3	96.8	97.0
>= 200	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.4	96.9	97.1	97.7	98.2
>= 100	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.5	97.2	97.4	98.4	99.7
>= 0	30.3	77.5	82.9	87.0	90.1	91.5	93.0	94.5	94.7	95.6	96.4	96.5	97.4	97.6	98.6	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	27.7	48.9	49.8	50.3	50.4	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
>=20000	28.6	53.1	54.1	54.6	54.7	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
>=18000	28.6	53.1	54.1	54.6	54.7	54.9	54.9	54.9	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1
>=16000	28.7	53.3	54.2	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.3	55.3	55.3	55.3
>=14000	29.3	54.5	55.5	56.0	56.1	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.5	56.5	56.5	56.5
>=12000	30.3	56.3	57.3	58.0	58.1	58.3	58.3	58.3	58.3	58.4	58.5	58.5	58.6	58.6	58.6	58.6
>=10000	31.2	60.0	61.0	61.9	62.0	62.3	62.3	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.6	62.6
>= 9000	31.5	60.4	61.5	62.5	62.6	62.9	62.9	62.9	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1
>= 8000	32.3	65.7	67.1	68.2	68.5	68.9	69.0	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
>= 7000	32.7	66.9	68.4	69.4	69.8	70.2	70.3	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.6	70.6
>= 6000	33.0	68.1	69.6	70.6	71.0	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.8	71.8
>= 5000	33.8	70.5	72.1	73.2	73.7	74.1	74.2	74.2	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5
>= 4500	34.3	71.3	73.0	74.2	74.7	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5	75.5
>= 4000	35.4	73.7	75.5	76.9	77.4	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
>= 3500	35.9	74.8	76.6	78.0	78.5	79.1	79.2	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5
>= 3000	36.5	76.9	78.8	80.5	81.2	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.2	82.2	82.2	82.2
>= 2500	37.0	78.2	80.2	82.1	82.8	83.4	83.5	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
>= 2000	37.7	79.9	82.1	84.0	84.8	85.4	85.6	85.6	85.6	85.7	85.8	85.8	86.0	86.0	86.0	86.0
>= 1800	37.8	80.3	82.5	84.4	85.2	85.8	86.1	86.1	86.1	86.1	86.2	86.2	86.4	86.4	86.4	86.4
>= 1500	38.0	81.4	83.7	85.6	86.5	87.0	87.3	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6
>= 1200	38.0	82.2	84.6	86.5	87.4	88.0	88.3	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.7
>= 1000	38.0	82.8	85.2	87.4	88.3	89.0	89.3	89.3	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.7
>= 900	38.1	83.0	85.6	87.8	88.9	89.7	90.1	90.1	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5
>= 800	38.1	83.0	86.0	88.2	89.6	90.6	91.1	91.1	91.1	91.4	91.5	91.5	91.7	91.7	91.7	91.7
>= 700	38.1	83.4	86.4	88.8	90.3	91.4	92.0	92.1	92.1	92.5	92.6	92.6	92.7	92.7	92.7	92.7
>= 600	38.2	83.8	86.9	89.6	91.5	92.7	93.4	93.6	93.6	94.0	94.0	94.0	94.2	94.2	94.2	94.2
>= 500	38.2	84.0	87.4	90.2	92.4	93.7	94.5	94.9	94.9	95.4	95.5	95.5	95.7	95.7	95.7	95.7
>= 400	38.2	84.0	87.5	90.4	93.0	94.4	95.4	96.0	96.0	96.7	96.8	96.8	97.1	97.1	97.2	97.2
>= 300	38.2	84.1	87.8	90.6	93.4	94.9	96.2	96.9	97.0	97.8	98.0	98.0	98.4	98.5	98.6	98.6
>= 200	38.2	84.1	87.8	90.6	93.4	94.9	96.3	97.1	97.1	98.1	98.4	98.5	98.9	99.0	99.3	99.4
>= 100	38.2	84.1	87.8	90.6	93.5	95.0	96.5	97.2	97.3	98.4	98.7	98.8	99.3	99.4	99.8	100.0
>= 0	38.2	84.1	87.8	90.6	93.5	95.0	96.5	97.2	97.3	98.4	98.7	98.8	99.3	99.4	99.8	100.0

TOTAL NO. OF OBS : 1226

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	26.0	45.2	45.9	46.3	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	28.1	51.2	51.9	52.6	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
>=18000	28.3	51.7	52.4	53.1	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
>=16000	28.4	51.9	52.6	53.3	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=14000	28.6	52.5	53.2	53.9	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=12000	29.1	54.0	54.8	55.5	55.8	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
>=10000	30.0	57.1	57.9	58.8	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>= 9000	30.1	57.5	58.4	59.2	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>= 8000	31.6	62.1	63.2	64.1	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 7000	32.2	63.3	64.8	65.8	66.1	66.2	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
>= 6000	33.2	65.0	66.7	67.7	68.1	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>= 5000	34.4	68.0	70.2	71.2	71.6	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
>= 4500	34.7	69.4	71.7	72.8	73.2	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 4000	35.8	72.0	74.3	75.5	76.0	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 3500	36.8	74.3	76.7	77.9	78.6	78.7	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>= 3000	38.6	78.9	81.5	82.8	83.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 2500	39.1	80.4	83.1	84.5	85.2	85.4	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 2000	39.8	82.0	84.7	86.4	87.2	87.4	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 1800	39.8	82.2	84.8	86.6	87.4	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 1500	40.1	83.7	86.6	88.7	89.8	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 1200	40.2	84.6	87.8	90.3	91.5	91.7	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 1000	40.3	85.1	88.4	91.1	92.5	92.7	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	40.3	85.2	88.6	91.4	92.8	93.0	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 800	40.3	85.3	88.8	91.7	93.3	93.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
>= 700	40.3	85.4	89.0	92.2	94.0	94.6	95.4	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0
>= 600	40.3	85.7	89.5	92.9	94.8	95.5	96.6	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
>= 500	40.3	85.7	89.6	93.1	95.0	95.8	97.3	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.9	97.9
>= 400	40.3	85.7	89.6	93.2	95.4	96.3	97.9	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7
>= 300	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.8	98.8	98.9	99.2	99.2	99.3	99.3	99.5	99.5
>= 200	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.0	99.3	99.3	99.5	99.6	99.8	99.8
>= 100	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.0	99.3	99.3	99.6	99.7	99.8	100.0
>= 0	40.3	85.7	89.6	93.2	95.4	96.4	98.1	98.9	98.9	99.0	99.3	99.3	99.6	99.7	99.8	100.0

TOTAL NO. OF OBS : 1227

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	46.2	47.2	47.6	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
>=20000	27.2	51.7	53.0	53.4	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=18000	27.4	52.3	53.5	54.0	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=16000	27.4	52.5	53.7	54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
>=14000	27.9	53.0	54.4	54.8	55.0	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
>=12000	28.9	54.8	56.3	56.8	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	29.9	57.3	59.0	59.5	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 9000	30.3	57.9	59.6	60.1	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
>= 8000	31.4	62.2	64.0	64.7	64.9	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 7000	32.3	63.6	65.8	66.6	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>= 6000	33.3	65.1	67.4	68.3	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 5000	34.9	68.6	71.0	72.1	72.4	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
>= 4500	35.8	70.9	73.4	74.5	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 4000	37.4	75.2	77.8	78.9	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 3500	37.9	76.6	79.3	80.5	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
>= 3000	38.8	80.5	83.5	85.1	85.6	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 2500	39.3	82.1	85.3	86.9	87.4	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
>= 2000	40.0	83.9	87.3	89.0	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1800	40.0	83.9	87.3	89.0	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	40.1	84.9	88.3	90.4	91.1	91.4	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1200	40.1	85.2	88.7	91.1	91.9	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 1000	40.1	85.4	89.0	91.9	93.0	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 900	40.1	85.6	89.3	92.3	93.4	94.0	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>= 800	40.1	85.7	89.5	92.4	93.7	94.5	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>= 700	40.1	85.8	89.7	92.9	94.4	95.6	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 600	40.1	85.8	90.0	93.2	94.7	95.9	96.6	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 500	40.1	86.0	90.2	93.6	95.2	96.5	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 400	40.1	86.0	90.4	93.8	95.6	97.0	97.9	97.9	97.9	98.4	98.4	98.4	98.4	98.6	98.6	98.6
>= 300	40.1	86.1	90.5	93.8	95.6	97.1	98.2	98.4	98.4	99.1	99.2	99.3	99.4	99.6	99.6	99.6
>= 200	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	99.9
>= 100	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	100.0
>= 0	40.1	86.1	90.5	93.8	95.7	97.2	98.3	98.5	98.6	99.3	99.5	99.6	99.8	99.9	99.9	100.0

TOTAL NO. OF OBS : 1218

013721 : PATUXENT RIVER. MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	50.2	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
>=20000	24.0	55.4	56.7	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=18000	24.0	55.6	56.9	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=16000	24.2	55.8	57.1	57.5	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
>=14000	24.5	56.4	57.7	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
>=12000	25.5	58.4	60.0	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=10000	26.3	61.6	63.4	64.0	64.3	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 9000	26.7	62.1	63.9	64.7	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>= 8000	28.2	67.5	69.5	70.5	70.9	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 7000	28.8	68.9	71.1	72.1	72.5	72.7	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
>= 6000	29.5	70.7	73.0	74.0	74.5	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>= 5000	30.5	73.9	76.2	77.4	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 4500	30.9	75.4	77.8	79.2	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>= 4000	31.8	78.4	80.9	82.5	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
>= 3500	32.0	79.1	81.6	83.2	83.9	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>= 3000	32.4	81.1	84.0	85.7	86.6	86.9	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
>= 2500	32.5	81.9	84.9	86.7	87.7	88.0	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	32.8	83.1	86.2	88.2	89.3	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>= 1800	32.8	83.4	86.6	88.5	89.8	90.2	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>= 1500	32.8	83.7	87.2	89.3	90.6	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	32.9	84.2	87.7	89.8	91.2	91.8	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 1000	32.9	84.5	88.1	90.7	92.1	92.8	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 900	32.9	84.6	88.3	91.0	92.5	93.4	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 800	32.9	84.7	88.4	91.2	93.0	93.9	94.2	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 700	32.9	84.8	88.5	91.6	93.4	94.4	94.8	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>= 600	32.9	84.8	88.6	91.9	93.9	95.0	95.5	96.0	96.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 500	32.9	84.9	89.0	92.4	94.5	95.8	96.5	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>= 400	32.9	84.9	89.1	92.5	94.7	96.1	96.8	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 300	32.9	84.9	89.1	92.7	94.8	96.2	97.0	97.8	97.8	98.5	98.6	98.6	98.6	98.7	98.8	98.8
>= 200	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.9	99.2	99.2	99.2	99.3	99.3	99.4
>= 100	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.9	99.3	99.3	99.4	99.5	99.7	99.9
>= 0	32.9	84.9	89.1	92.7	94.8	96.2	97.2	98.0	98.1	98.9	99.3	99.3	99.4	99.5	99.7	100.0

TOTAL NO. OF OBS : 1220

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	24.3	55.9	56.9	57.3	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=20000	24.9	59.3	60.4	61.2	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	24.9	59.4	60.5	61.3	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=16000	25.0	59.5	60.6	61.5	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=14000	25.2	59.8	60.9	61.7	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>=12000	25.6	61.2	62.3	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=10000	26.8	65.2	66.5	67.5	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>= 9000	27.3	66.2	67.4	68.5	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 8000	28.0	69.7	71.0	72.1	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 7000	28.7	71.5	72.9	74.2	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 6000	29.1	72.7	74.2	75.6	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 5000	30.2	75.4	76.9	78.3	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>= 4500	30.6	76.8	78.3	79.7	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 4000	31.0	78.5	80.2	81.6	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>= 3500	31.4	79.3	81.0	82.5	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 3000	31.6	81.5	83.4	84.9	85.5	85.5	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>= 2500	31.6	82.0	84.1	85.7	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>= 2000	31.9	83.5	85.8	87.6	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 1800	31.9	84.0	86.2	88.1	88.9	88.9	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>= 1500	31.9	84.7	87.2	89.4	90.2	90.2	90.3	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
>= 1200	31.9	84.8	87.5	90.1	91.0	91.0	91.0	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 1000	32.1	85.2	88.1	90.9	92.0	92.1	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.7	92.7	92.7
>= 900	32.1	85.3	88.1	91.1	92.4	92.5	92.7	92.8	92.8	93.0	93.0	93.0	93.0	93.1	93.1	93.1
>= 800	32.1	85.8	88.7	91.8	93.1	93.2	93.5	93.6	93.6	93.8	93.8	93.8	93.8	93.9	93.9	93.9
>= 700	32.1	86.3	89.3	92.4	93.9	94.2	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 600	32.1	86.5	89.5	92.9	94.5	94.9	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.8	95.8	95.8
>= 500	32.3	86.9	89.9	93.5	95.2	95.6	96.0	96.3	96.3	96.6	96.7	96.7	96.7	96.8	96.9	96.9
>= 400	32.3	86.9	90.2	93.8	95.7	96.3	96.7	96.9	96.9	97.3	97.3	97.3	97.3	97.4	97.5	97.5
>= 300	32.3	86.9	90.2	93.8	95.9	96.5	97.2	97.6	97.6	97.9	98.0	98.0	98.0	98.1	98.2	98.2
>= 200	32.3	86.9	90.2	93.9	96.0	96.5	97.5	98.0	98.0	98.3	98.4	98.4	98.5	98.6	98.7	98.7
>= 100	32.3	86.9	90.2	94.0	96.0	96.6	97.6	98.1	98.1	98.4	98.5	98.5	98.7	98.9	99.1	99.3
>= 0	32.3	86.9	90.2	94.0	96.0	96.6	97.6	98.1	98.1	98.4	98.5	98.5	98.8	99.0	99.4	100.0

TOTAL NO. OF OBS : 1240

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
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	24.3	50.1	51.3	51.8	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
>=20000	25.3	54.4	55.8	56.5	56.8	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1
>=18000	25.4	54.6	55.9	56.7	57.0	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
>=16000	25.4	54.8	56.1	56.8	57.1	57.2	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4
>=14000	25.8	55.4	56.7	57.5	57.8	57.8	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.1	58.1
>=12000	26.5	56.9	58.3	59.1	59.4	59.5	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.8
>=10000	27.5	60.4	62.0	62.9	63.3	63.4	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.7	63.7
>= 9000	27.9	61.2	62.8	63.7	64.1	64.2	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
>= 8000	28.9	65.7	67.5	68.6	69.0	69.2	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6
>= 7000	29.5	67.2	69.1	70.3	70.7	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
>= 6000	30.1	68.6	70.6	71.8	72.3	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.9
>= 5000	31.0	71.1	73.3	74.6	75.2	75.4	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
>= 4500	31.5	72.4	74.7	76.0	76.6	76.8	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3
>= 4000	32.2	74.9	77.2	78.7	79.4	79.6	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
>= 3500	32.7	76.0	78.4	79.9	80.6	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.4
>= 3000	33.3	78.4	81.1	82.7	83.6	83.8	84.0	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.4
>= 2500	33.5	79.4	82.2	84.0	84.8	85.1	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.7	85.7
>= 2000	33.9	80.7	83.6	85.5	86.4	86.7	87.0	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.4	87.4
>= 1800	33.9	80.9	83.8	85.7	86.7	87.0	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7
>= 1500	34.1	81.8	84.9	87.0	88.1	88.4	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.1	89.1
>= 1200	34.2	82.3	85.5	87.9	89.0	89.3	89.7	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.1	90.1
>= 1000	34.2	82.8	86.2	88.8	90.1	90.5	90.9	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.4	91.4
>= 900	34.3	83.0	86.5	89.2	90.5	91.0	91.4	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	92.0
>= 800	34.3	83.3	86.8	89.6	91.1	91.7	92.2	92.4	92.4	92.6	92.7	92.7	92.7	92.7	92.8	92.8
>= 700	34.3	83.5	87.2	90.1	91.8	92.5	93.1	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8
>= 600	34.3	83.7	87.6	90.8	92.6	93.4	94.1	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.9	94.9
>= 500	34.3	84.0	88.0	91.3	93.3	94.3	95.1	95.5	95.5	95.8	95.9	95.9	96.0	96.0	96.1	96.2
>= 400	34.3	84.1	88.2	91.6	93.8	94.9	95.8	96.3	96.3	96.8	96.9	96.9	96.9	97.0	97.1	97.2
>= 300	34.3	84.1	88.3	91.8	94.1	95.2	96.3	96.9	97.0	97.6	97.8	97.8	97.9	98.0	98.2	98.2
>= 200	34.3	84.1	88.3	91.8	94.1	95.3	96.5	97.2	97.3	98.0	98.3	98.3	98.5	98.6	98.9	99.0
>= 100	34.3	84.1	88.3	91.8	94.2	95.3	96.6	97.3	97.3	98.1	98.5	98.5	98.8	98.9	99.3	99.6
>= 0	34.3	84.1	88.3	91.8	94.2	95.3	96.6	97.3	97.3	98.1	98.5	98.5	98.9	99.0	99.4	100.0

TOTAL NO. OF OBS : 9842

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : 0100 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.0	1.5	.8	.2	.0	.0	.0	.0	.0	.0	3.9	8.1
NNE	.5	1.0	.8	.5	.2	.0	.0	.0	.0	.0	.0	3.1	8.5
NE	.4	2.2	1.3	.8	.2	.0	.0	.0	.0	.0	.0	4.9	7.7
ENE	.5	.6	.7	.7	.0	.0	.0	.0	.0	.0	.0	2.5	7.3
E	1.0	1.4	.8	.2	.1	.0	.0	.0	.0	.0	.0	3.5	5.8
ESE	.9	1.1	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.3	6.1
SE	1.0	1.5	1.0	.4	.1	.2	.0	.0	.0	.0	.0	4.1	7.0
SSE	.8	1.6	2.5	.3	.2	.0	.0	.0	.0	.0	.0	5.5	7.2
S	2.8	4.3	3.6	.7	.2	.0	.0	.0	.0	.0	.0	11.5	6.1
SSW	.5	1.9	3.7	2.7	.2	.0	.0	.0	.0	.0	.0	9.1	9.1
SW	1.0	2.0	4.0	2.8	.2	.0	.0	.0	.0	.0	.0	10.0	8.7
WSW	.5	1.5	1.4	.8	.2	.0	.0	.0	.0	.0	.0	4.5	7.9
W	1.2	2.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	5.2	5.9
WNW	1.1	2.6	.8	.5	.1	.0	.0	.0	.0	.0	.0	5.1	5.8
NW	1.8	1.9	1.4	1.0	.4	.2	.0	.0	.0	.0	.0	6.8	7.7
NNW	1.0	1.9	2.0	.5	.3	.2	.0	.0	.0	.0	.0	5.9	7.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	.0
ALL	15.5	28.9	28.0	13.6	2.3	.5	.0	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.3	1.8	1.9	.7	.0	.0	.0	.0	.0	.0	.0	5.8	6.5
NNE	.5	.9	1.6	.5	.2	.1	.0	.0	.0	.0	.0	3.8	8.0
NE	.8	1.6	1.2	.8	.3	.0	.0	.0	.0	.0	.0	4.8	7.9
ENE	.2	1.1	.4	.5	.0	.0	.0	.0	.0	.0	.0	2.1	7.1
E	.5	.9	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.8	6.6
ESE	.4	.9	.7	.1	.1	.1	.0	.0	.0	.0	.0	2.2	7.0
SE	.6	1.4	1.4	.2	.2	.1	.0	.0	.0	.0	.0	3.8	7.1
SSE	1.2	1.8	1.0	.3	.1	.0	.0	.0	.0	.0	.0	4.3	5.7
S	1.1	2.5	1.8	.4	.0	.0	.0	.0	.0	.0	.0	5.8	6.0
SSW	.7	2.2	3.8	2.6	.1	.0	.0	.0	.0	.0	.0	9.4	8.7
SW	.8	1.4	3.5	2.4	.5	.0	.0	.0	.0	.0	.0	8.4	9.3
WSW	.9	1.7	1.4	.7	.0	.0	.0	.0	.0	.0	.0	4.7	7.0
W	2.5	2.3	1.5	.2	.0	.0	.0	.0	.0	.0	.0	6.5	5.1
WNW	2.0	2.8	1.6	.5	.0	.1	.0	.0	.0	.0	.0	7.1	5.8
NW	1.8	2.9	1.2	1.1	.5	.2	.0	.0	.0	.0	.0	7.6	7.3
NNW	1.0	2.1	2.0	1.3	.5	.1	.0	.0	.0	.0	.0	7.0	8.3
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	14.1	.0
ALL	16.2	28.3	26.1	12.4	2.3	.5	.0	.0	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.1	1.5	.7	.2	.1	.0	.0	.0	.0	.0	5.5	7.3
NNE	.3	1.8	1.8	1.3	.0	.1	.0	.0	.0	.0	.0	5.4	8.4
NE	.4	2.6	2.1	.8	.2	.0	.0	.0	.0	.0	.0	6.0	7.5
ENE	.5	1.5	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.6
E	.5	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.2	7.1
ESE	.3	.9	.8	.4	.0	.1	.0	.0	.0	.0	.0	2.5	7.6
SE	.5	1.0	1.2	.8	.1	.0	.0	.0	.0	.0	.0	3.5	7.7
SSE	.5	1.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	3.1	6.6
S	1.1	1.5	2.2	.7	.1	.0	.0	.0	.0	.0	.0	5.5	7.0
SSW	.6	1.6	3.4	1.9	.1	.1	.0	.0	.0	.0	.0	7.7	9.0
SW	.2	1.7	3.8	3.1	.2	.2	.0	.0	.0	.0	.0	9.2	9.8
WSW	.3	1.5	3.1	1.3	.2	.0	.0	.0	.0	.0	.0	6.4	8.4
W	1.6	3.0	2.0	.5	.0	.0	.0	.0	.0	.0	.0	7.1	5.9
WNW	1.2	2.7	2.2	.4	.1	.0	.0	.0	.0	.0	.0	6.6	6.4
NW	2.3	3.8	1.8	1.7	.5	.3	.0	.1	.0	.0	.0	10.4	8.0
NNW	.8	2.8	2.0	1.1	.5	.2	.0	.0	.0	.0	.0	7.3	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	6.7	.0
ALL	12.1	30.9	31.6	15.5	2.2	.9	.0	.1	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.5	3.1	.9	.2	.1	.0	.0	.0	.0	.0	8.7	7.5
NNE	.7	3.4	3.3	.8	.0	.1	.0	.0	.0	.0	.0	8.3	7.3
NE	.7	2.8	1.9	.5	.1	.0	.0	.0	.0	.0	.0	6.0	6.7
ENE	.8	1.7	.6	.4	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
E	.5	2.8	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.8	6.1
ESE	.8	2.3	1.7	.5	.0	.1	.0	.0	.0	.0	.0	5.4	6.7
SE	.8	2.7	3.8	1.2	.2	.0	.0	.0	.0	.0	.0	8.7	7.8
SSE	.2	.9	1.7	.9	.1	.0	.0	.0	.0	.0	.0	3.8	8.8
S	.2	1.2	1.8	.8	.1	.0	.0	.0	.0	.0	.0	4.1	8.2
SSW	.2	.8	2.9	2.2	.1	.0	.0	.0	.0	.0	.0	6.2	9.7
SW	.4	.9	2.8	2.6	.3	.0	.0	.0	.0	.0	.0	7.0	10.0
WSW	.1	.9	2.5	1.4	.3	.0	.0	.0	.0	.0	.0	5.1	9.9
W	.4	1.2	1.4	1.3	.0	.0	.0	.0	.0	.0	.0	4.3	8.6
WNW	.2	2.2	2.2	1.2	.4	.2	.0	.0	.0	.0	.0	6.4	9.2
NW	.7	1.6	3.2	2.9	.8	.3	.0	.0	.0	.0	.0	9.6	10.4
NNW	.8	1.4	1.9	1.0	.1	.1	.0	.0	.0	.0	.0	5.2	8.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0
ALL	8.2	30.3	36.2	19.0	2.7	.8	.0	.0	.0	.0	.0	100.0	8.1

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	3.0	1.8	.7	.2	.0	.0	.0	.0	.0	.0	6.3	6.9
NNE	.5	3.4	3.3	.9	.2	.0	.0	.0	.0	.0	.0	8.3	7.5
NE	.8	2.6	2.8	.8	.2	.0	.0	.0	.0	.0	.0	7.3	7.5
ENE	.2	1.1	.8	.5	.0	.0	.0	.0	.0	.0	.0	2.7	7.2
E	.4	2.2	1.4	.3	.1	.0	.0	.0	.0	.0	.0	4.3	6.6
ESE	.5	1.9	2.6	.9	.1	.1	.0	.0	.0	.0	.0	6.1	7.9
SE	.4	3.0	8.0	5.5	1.2	.2	.1	.0	.0	.0	.0	18.3	10.2
SSE	.1	1.9	3.5	3.1	.5	.1	.0	.0	.0	.0	.0	9.2	9.8
S	.2	.5	1.3	1.7	.2	.0	.0	.0	.0	.0	.0	3.9	10.3
SSW	.1	.4	1.5	1.6	.4	.0	.0	.0	.0	.0	.0	3.9	11.2
SW	.0	.5	1.5	1.9	.6	.1	.0	.0	.0	.0	.0	4.6	11.7
WSW	.0	.3	1.5	1.9	.2	.0	.0	.0	.0	.0	.0	4.0	11.2
W	.4	.4	1.9	.8	.2	.0	.0	.0	.0	.0	.0	3.7	9.1
WNW	.2	.7	1.3	1.5	.1	.2	.0	.0	.0	.0	.0	3.9	10.5
NW	.4	1.4	2.2	1.8	1.2	.2	.0	.0	.0	.0	.0	7.0	11.0
NNW	.5	1.0	1.2	1.3	.3	.0	.0	.0	.0	.0	.0	4.2	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	2.2	.0
ALL	5.2	24.3	36.5	25.3	5.6	.8	.1	.0	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.0	2.6	.9	.2	.0	.0	.0	.0	.0	.0	6.5	7.8
NNE	.7	3.2	2.4	.7	.1	.0	.0	.0	.0	.0	.0	7.1	6.9
NE	.9	2.0	2.4	.5	.1	.0	.0	.0	.0	.0	.0	5.9	6.9
ENE	.5	1.1	.8	.2	.2	.0	.0	.0	.0	.0	.0	2.7	7.1
E	.4	1.8	1.0	.5	.0	.0	.0	.0	.0	.0	.0	3.7	6.8
ESE	.5	1.9	2.4	.5	.1	.0	.0	.0	.0	.0	.0	5.5	7.2
SE	.7	4.1	7.5	5.5	.9	.1	.0	.0	.0	.0	.0	18.7	9.5
SSE	.3	2.2	6.0	7.1	.8	.4	.0	.0	.0	.0	.0	16.7	10.8
S	.1	.5	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	3.5	10.7
SSW	.2	.4	1.7	1.5	.2	.0	.0	.0	.0	.0	.0	3.9	10.3
SW	.2	.3	2.0	1.4	.2	.0	.0	.0	.0	.0	.0	4.1	10.2
WSW	.2	.2	1.3	.7	.2	.0	.0	.0	.0	.0	.0	2.5	9.8
W	.2	.8	2.0	1.2	.1	.1	.0	.0	.0	.0	.0	4.4	9.6
WNW	.2	.5	1.4	.9	.4	.1	.0	.0	.0	.0	.0	3.5	10.7
NW	.2	1.4	1.6	1.5	.8	.3	.1	.0	.0	.0	.0	5.9	11.1
NNW	.3	.8	1.1	.8	.3	.2	.0	.0	.0	.0	.0	3.5	9.9
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	2.1	.0
ALL	6.5	23.1	37.3	25.3	4.6	1.1	.1	.0	.0	.0	.0	100.0	9.0

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.8	1.3	.5	.2	.0	.0	.0	.0	.0	.0	4.8	6.5
NNE	1.8	1.3	.7	.6	.1	.1	.0	.0	.0	.0	.0	4.6	5.9
NE	.3	1.3	.8	.7	.2	.0	.0	.0	.0	.0	.0	3.3	8.3
ENE	.2	.8	.9	.4	.0	.0	.0	.0	.0	.0	.0	2.3	7.2
E	.6	1.4	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.5	6.8
ESE	.8	1.1	.7	.3	.1	.1	.0	.0	.0	.0	.0	3.1	6.6
SE	1.5	3.7	3.2	1.3	.5	.2	.0	.0	.0	.0	.0	10.2	7.7
SSE	1.5	5.7	7.3	2.8	.1	.1	.0	.0	.0	.0	.0	17.4	7.8
S	1.3	6.9	4.6	1.8	.2	.0	.0	.0	.0	.0	.0	14.8	7.0
SSW	.5	1.9	2.2	.6	.0	.0	.0	.0	.0	.0	.0	5.2	7.2
SW	.5	1.8	1.0	.8	.2	.0	.0	.0	.0	.0	.0	4.2	7.8
WSW	.1	1.2	.8	.4	.0	.0	.0	.0	.0	.0	.0	2.5	7.4
W	.5	1.3	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.7
WNW	.4	1.1	1.1	.5	.2	.1	.0	.0	.0	.0	.0	3.2	8.1
NW	1.2	.8	.5	.7	.2	.0	.0	.0	.0	.0	.0	3.2	6.9
NNW	.8	1.8	.5	.8	.2	.1	.0	.0	.0	.0	.0	4.1	7.5
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	10.3	.0
ALL	12.9	33.8	28.0	12.6	1.8	.5	.0	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.2	.7	.3	.2	.0	.0	.0	.0	.0	.0	3.0	6.6
NNE	.5	.5	.6	.3	.4	.0	.0	.0	.0	.0	.0	2.2	8.9
NE	.6	1.4	.8	.5	.1	.0	.0	.0	.0	.0	.0	3.4	6.6
ENE	.7	.8	1.4	.3	.0	.0	.0	.0	.0	.0	.0	3.2	6.7
E	.5	1.5	1.8	.2	.1	.0	.0	.0	.0	.0	.0	4.1	6.7
ESE	.7	1.3	.8	.5	.1	.0	.0	.0	.0	.0	.0	3.5	6.8
SE	.8	1.9	3.0	1.3	.3	.1	.0	.0	.0	.0	.0	7.4	8.6
SSE	1.5	3.5	4.0	.8	.2	.0	.0	.0	.0	.0	.0	9.9	6.9
S	2.6	5.2	5.7	1.8	.2	.0	.0	.0	.0	.0	.0	15.5	6.8
SSW	1.3	2.3	4.0	1.7	.0	.0	.0	.0	.0	.0	.0	9.3	7.7
SW	.9	2.9	3.1	1.2	.0	.0	.0	.0	.0	.0	.0	8.1	7.2
WSW	.8	1.1	1.0	.5	.0	.0	.0	.0	.0	.0	.0	3.3	6.8
W	.8	1.3	1.3	.1	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
WNW	.7	2.4	.5	.6	.1	.0	.0	.0	.0	.0	.0	4.2	6.2
NW	.8	1.1	1.0	.5	.2	.2	.1	.0	.0	.0	.0	3.8	8.8
NNW	.4	1.5	1.5	.8	.3	.2	.0	.0	.0	.0	.0	4.7	9.0
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	10.8	.0
ALL	14.4	29.7	31.2	11.4	2.0	.4	.1	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS) 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	1.8	.7	.2	.0*	.0	.0	.0	.0	.0	5.6	7.2
NNE	.7	1.9	1.8	.7	.1	.0*	.0	.0	.0	.0	.0	5.3	7.5
NE	.6	2.1	1.7	.7	.2	.0	.0	.0	.0	.0	.0	5.2	7.4
ENE	.4	1.1	.9	.4	.0*	.0	.0	.0	.0	.0	.0	2.8	6.8
E	.6	1.6	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	3.7	6.5
ESE	.6	1.4	1.3	.5	.0*	.0*	.0	.0	.0	.0	.0	3.9	7.1
SE	.8	2.4	3.6	2.0	.4	.1	.0*	.0	.0	.0	.0	9.3	8.8
SSE	.8	2.4	3.4	1.9	.2	.1	.0	.0	.0	.0	.0	8.7	8.5
S	1.2	2.8	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	8.1	7.2
SSW	.5	1.4	2.9	1.9	.1	.0*	.0	.0	.0	.0	.0	6.8	8.9
SW	.5	1.4	2.7	2.0	.3	.0*	.0	.0	.0	.0	.0	7.0	9.2
WSW	.4	1.1	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	4.1	8.6
W	1.0	1.6	1.6	.6	.0*	.0*	.0	.0	.0	.0	.0	4.8	6.9
WNW	.7	1.9	1.4	.8	.2	.1	.0	.0	.0	.0	.0	5.0	7.6
NW	1.2	1.9	1.6	1.4	.6	.2	.0*	.0*	.0	.0	.0	6.8	9.0
NNW	.7	1.7	1.5	1.0	.3	.1	.0	.0	.0	.0	.0	5.2	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	7.5	.0
ALL	11.4	28.7	31.9	16.9	2.9	.7	.0*	.0*	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 10414

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	19.8	51.6	53.6	54.6	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=20000	20.1	54.9	57.4	58.4	59.0	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4
>=18000	20.2	55.0	57.5	58.6	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5
>=16000	20.3	55.1	57.6	58.6	59.3	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.6
>=14000	20.9	56.1	58.6	59.6	60.2	60.3	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6
>=12000	21.3	57.3	59.8	60.8	61.5	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
>=10000	22.8	60.9	63.6	64.7	65.6	65.6	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0
>= 9000	23.3	61.6	64.2	65.3	66.2	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6	66.6
>= 8000	24.2	65.6	68.3	69.6	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9
>= 7000	24.3	66.5	69.3	70.6	71.5	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 6000	24.6	68.1	70.9	72.2	73.1	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.7	73.7
>= 5000	24.8	69.3	72.2	73.7	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.2	75.2
>= 4500	24.9	70.2	73.3	74.8	75.8	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3
>= 4000	25.2	72.0	75.3	77.0	78.3	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9
>= 3500	25.3	72.6	76.1	77.9	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.8
>= 3000	25.6	75.0	79.2	81.4	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.5	83.5
>= 2500	25.6	75.6	79.9	82.2	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4
>= 2000	25.8	76.6	80.9	83.4	85.1	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.7
>= 1800	25.9	77.0	81.4	83.9	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.2	86.2
>= 1500	26.1	78.5	83.1	85.7	87.7	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4
>= 1200	26.3	79.1	83.7	86.3	88.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1	89.1
>= 1000	26.3	79.6	84.3	87.2	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.3	90.3
>= 900	26.6	80.0	84.7	87.7	90.2	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0	91.0
>= 800	26.6	80.3	85.5	88.6	91.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	92.0	92.0
>= 700	26.6	80.6	85.9	89.3	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.8	92.8
>= 600	26.6	81.0	86.5	90.0	92.9	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9	93.9
>= 500	26.6	81.4	87.1	91.0	94.3	94.8	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.7	95.7
>= 400	26.6	81.8	87.7	91.7	95.3	95.8	96.5	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.1	97.2
>= 300	26.6	82.1	87.9	92.0	95.8	96.4	97.2	97.6	97.6	97.7	97.9	97.9	98.0	98.1	98.2	98.3
>= 200	26.6	82.1	87.9	92.0	95.8	96.5	97.4	97.8	97.8	98.0	98.3	98.3	98.5	98.6	98.7	98.7
>= 100	26.6	82.1	87.9	92.0	95.9	96.5	97.5	97.9	97.9	98.1	98.4	98.4	98.7	98.8	99.2	99.4
>= 0	26.6	82.1	87.9	92.1	96.0	96.7	97.6	98.0	98.0	98.3	98.6	98.6	99.0	99.1	99.5	100.0

TOTAL NO. OF OBS : 1272

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.0	47.4	49.7	50.9	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	52.0	52.0
>=20000	18.5	51.2	54.1	55.3	56.1	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.5	56.5
>=18000	18.7	51.4	54.2	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
>=16000	18.7	51.4	54.2	55.5	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7
>=14000	19.1	51.9	54.8	56.0	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2
>=12000	19.6	53.1	56.0	57.4	58.1	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
>=10000	21.3	56.9	60.2	61.7	62.6	62.6	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3
>= 9000	21.9	58.1	61.4	63.0	63.8	63.9	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6
>= 8000	22.8	62.4	66.1	67.8	68.9	68.9	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 7000	23.3	64.1	67.9	69.6	70.8	70.9	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7	71.7
>= 6000	23.7	65.7	69.4	71.1	72.4	72.5	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 5000	23.8	67.1	70.8	72.6	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7	74.7
>= 4500	24.0	67.5	71.4	73.2	74.5	74.6	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 4000	24.2	69.0	73.1	74.9	76.1	76.2	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	77.0	77.0
>= 3500	24.5	69.5	73.6	75.4	76.7	76.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
>= 3000	24.7	71.2	76.0	78.1	79.5	79.6	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
>= 2500	24.7	71.9	76.7	79.1	80.6	80.7	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.6	81.6
>= 2000	24.8	73.1	78.3	80.8	82.4	82.5	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 1800	24.8	73.2	78.4	81.0	82.6	82.7	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.6	83.6
>= 1500	25.1	74.2	79.5	82.2	84.1	84.2	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1
>= 1200	25.1	75.3	80.5	83.7	85.6	85.7	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 1000	25.1	75.6	81.1	84.5	86.7	86.9	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 900	25.1	75.9	81.6	85.0	87.2	87.5	88.2	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.5	88.5
>= 800	25.1	76.4	82.1	85.7	88.0	88.4	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.6	89.6
>= 700	25.1	76.7	82.4	86.2	88.6	89.0	90.0	90.0	90.0	90.1	90.2	90.2	90.2	90.2	90.3	90.3
>= 600	25.1	77.4	83.2	87.5	90.2	90.7	92.1	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.4	92.4
>= 500	25.1	77.7	83.9	88.5	91.4	92.1	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	94.0	94.0
>= 400	25.2	78.1	84.5	89.3	92.7	93.6	95.4	95.7	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0
>= 300	25.2	78.1	84.7	89.4	93.3	94.4	96.4	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.2	97.2
>= 200	25.2	78.1	84.7	89.4	93.4	94.6	96.9	97.4	97.4	97.5	97.7	97.7	97.9	98.1	98.3	98.3
>= 100	25.2	78.1	84.7	89.5	93.5	94.7	97.0	97.5	97.5	97.7	98.0	98.1	98.6	98.8	99.2	99.3
>= 0	25.2	78.1	84.7	89.5	93.5	94.7	97.0	97.5	97.5	97.7	98.0	98.1	98.6	98.8	99.4	100.0

TOTAL NO. OF OBS : 1285

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
HOUR : 0700 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.6	42.8	45.8	47.5	48.3	48.4	48.5	48.7	48.7	48.7	48.7	48.7	48.8	48.9	48.9	49.0
>=20000	21.4	45.8	49.4	51.3	52.1	52.3	52.5	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.1
>=18000	21.4	45.8	49.4	51.3	52.1	52.3	52.5	52.7	52.7	52.8	52.8	52.8	52.9	53.0	53.0	53.1
>=16000	21.6	46.0	49.5	51.4	52.3	52.4	52.7	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.2
>=14000	22.6	47.3	50.9	52.7	53.6	53.8	54.0	54.2	54.2	54.3	54.3	54.3	54.4	54.5	54.5	54.6
>=12000	23.2	48.5	52.1	54.2	55.0	55.2	55.4	55.7	55.7	55.7	55.7	55.7	55.8	55.9	56.0	56.0
>=10000	24.5	51.8	55.9	58.3	59.3	59.5	59.7	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.3	60.4
>= 9000	24.9	52.5	56.6	59.1	60.0	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.9	61.0	61.1	61.1
>= 8000	26.8	57.2	61.5	64.4	65.6	65.9	66.2	66.4	66.4	66.5	66.5	66.5	66.6	66.6	66.7	66.8
>= 7000	26.9	58.5	62.7	65.7	66.9	67.1	67.4	67.7	67.7	67.7	67.7	67.7	67.8	67.9	68.0	68.1
>= 6000	27.3	60.0	64.2	67.2	68.4	68.7	69.0	69.2	69.2	69.3	69.3	69.3	69.4	69.5	69.5	69.6
>= 5000	28.1	61.5	65.8	69.0	70.3	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.4	71.5	71.6	71.7
>= 4500	28.4	61.9	66.2	69.5	70.8	71.3	71.7	71.9	71.9	72.0	72.0	72.0	72.1	72.2	72.3	72.4
>= 4000	28.7	63.3	67.7	71.4	72.7	73.2	73.6	73.9	73.9	73.9	73.9	73.9	74.1	74.2	74.3	74.3
>= 3500	28.8	63.7	68.2	72.0	73.3	73.9	74.3	74.6	74.6	74.7	74.7	74.7	74.9	75.0	75.0	75.1
>= 3000	29.0	64.8	69.5	73.7	75.2	76.0	76.5	76.7	76.7	76.8	76.8	76.8	77.0	77.1	77.2	77.2
>= 2500	29.2	65.8	70.9	75.1	76.6	77.4	77.9	78.1	78.1	78.3	78.3	78.3	78.4	78.5	78.6	78.6
>= 2000	29.7	66.7	71.8	76.3	77.9	78.6	79.1	79.4	79.4	79.6	79.6	79.6	79.7	79.8	79.9	80.0
>= 1800	29.9	67.0	72.1	76.6	78.2	79.0	79.4	79.8	79.8	80.0	80.0	80.0	80.1	80.2	80.3	80.4
>= 1500	30.0	67.5	72.8	77.7	79.4	80.4	81.0	81.6	81.6	81.7	81.7	81.7	81.9	81.9	82.0	82.1
>= 1200	30.0	67.9	73.2	78.4	80.2	81.2	81.9	82.5	82.5	82.7	82.7	82.7	82.8	82.9	83.0	83.0
>= 1000	30.3	69.3	74.9	80.5	82.7	83.8	84.7	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.7	85.8
>= 900	30.3	69.5	75.3	81.0	83.1	84.3	85.2	85.8	85.8	85.9	85.9	85.9	86.1	86.2	86.3	86.3
>= 800	30.3	70.2	76.2	82.2	84.6	85.9	86.8	87.4	87.4	87.5	87.5	87.5	87.7	87.8	87.8	87.9
>= 700	30.3	70.8	76.9	83.3	86.1	87.4	88.5	89.1	89.1	89.2	89.2	89.2	89.4	89.5	89.6	89.6
>= 600	30.4	71.2	77.5	83.9	87.0	88.4	89.6	90.4	90.4	90.6	90.7	90.7	90.8	90.9	91.0	91.1
>= 500	30.5	72.0	78.6	85.2	88.9	90.6	92.0	93.0	93.1	93.5	93.6	93.6	93.8	93.9	94.0	94.1
>= 400	30.5	72.4	79.4	86.5	90.7	92.5	94.3	95.5	95.6	96.0	96.3	96.3	96.5	96.5	96.7	96.8
>= 300	30.5	72.4	79.4	86.7	91.1	92.9	94.9	96.4	96.5	96.9	97.5	97.6	97.8	97.9	98.1	98.2
>= 200	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.9	97.4	98.0	98.1	98.4	98.4	98.8	99.0
>= 100	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.9	97.4	98.0	98.2	98.5	98.6	99.1	99.8
>= 0	30.5	72.4	79.4	86.7	91.1	93.0	95.1	96.8	96.9	97.4	98.0	98.2	98.5	98.6	99.1	100.0

TOTAL NO. OF OBS : 1274

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.4	47.6	50.3	50.9	51.1	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
>=20000	25.7	52.3	55.3	56.1	56.3	56.4	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=18000	25.8	52.5	55.5	56.2	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
>=16000	26.0	52.7	55.7	56.6	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
>=14000	26.4	53.7	56.7	57.7	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
>=12000	26.9	54.8	57.8	58.8	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
>=10000	28.0	57.8	61.1	62.3	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	28.3	58.2	61.6	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4
>= 8000	29.1	61.1	64.5	65.9	66.4	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8
>= 7000	29.7	62.5	66.1	67.6	68.2	68.3	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7
>= 6000	30.1	63.2	66.8	68.4	69.0	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 5000	31.3	64.7	68.3	70.1	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 4500	31.6	65.4	69.4	71.3	72.0	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7
>= 4000	32.4	67.6	71.8	73.8	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
>= 3500	32.8	68.1	72.3	74.4	75.3	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 3000	33.5	70.1	74.6	76.9	77.9	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>= 2500	33.8	71.0	75.6	78.2	79.4	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
>= 2000	34.2	73.0	77.9	80.8	82.2	82.6	82.8	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
>= 1800	34.3	73.4	78.4	81.2	82.6	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
>= 1500	34.9	74.9	80.2	83.3	84.8	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
>= 1200	35.0	75.9	81.5	84.9	86.5	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
>= 1000	35.5	77.3	83.3	87.0	89.2	89.7	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 900	35.6	77.6	83.6	87.5	89.8	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2
>= 800	35.7	78.3	84.5	88.6	91.0	91.8	92.3	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7
>= 700	35.7	78.9	85.4	89.6	92.3	93.2	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5
>= 600	35.7	79.3	86.1	90.7	93.6	94.7	95.6	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
>= 500	35.7	79.4	86.5	91.3	94.3	95.5	97.0	97.5	97.5	97.8	97.9	97.9	98.0	98.0	98.0	98.0
>= 400	35.7	79.5	86.6	91.6	94.7	96.0	97.8	98.3	98.3	98.7	98.7	98.7	98.9	98.9	98.9	98.9
>= 300	35.7	79.5	86.6	91.7	94.9	96.2	98.0	98.7	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5
>= 200	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	99.9
>= 100	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	100.0
>= 0	35.7	79.5	86.6	91.7	94.9	96.2	98.1	98.7	98.7	99.3	99.5	99.5	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1273

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.2	47.1	48.6	49.2	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
>=20000	26.3	52.0	54.1	55.1	55.3	55.3	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5
>=18000	26.4	52.1	54.3	55.2	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=16000	26.8	52.5	54.8	55.7	56.0	56.0	56.1	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=14000	27.2	53.3	55.6	56.6	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1
>=12000	27.9	55.1	57.5	58.7	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=10000	28.9	57.9	60.8	62.0	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>= 9000	29.1	58.5	61.4	62.6	63.1	63.1	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>= 8000	29.7	60.9	64.2	65.5	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>= 7000	30.1	62.1	65.4	66.7	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>= 6000	30.3	62.5	65.9	67.2	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>= 5000	31.2	64.2	67.9	69.4	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>= 4500	31.7	65.2	69.0	70.6	71.4	71.4	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 4000	33.4	68.5	72.5	74.4	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 3500	34.0	69.7	73.8	75.7	76.6	76.7	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>= 3000	34.8	73.2	77.7	79.9	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 2500	35.8	75.0	79.9	82.4	83.6	83.7	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
>= 2000	36.3	77.1	82.2	85.0	86.7	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 1800	36.4	77.3	82.5	85.2	86.9	87.1	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 1500	36.9	78.8	84.4	87.2	89.4	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 1200	37.0	79.8	85.6	88.6	90.9	91.2	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
>= 1000	37.2	81.0	87.0	90.1	92.6	93.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>= 900	37.2	81.1	87.2	90.4	92.9	93.4	94.4	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 800	37.4	81.8	88.2	91.7	94.3	94.9	96.1	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 700	37.4	81.9	88.3	91.9	94.7	95.3	96.7	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>= 600	37.5	82.3	88.9	92.5	95.4	96.1	97.5	97.7	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1
>= 500	37.5	82.5	89.1	92.9	95.9	96.7	98.1	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
>= 400	37.5	82.5	89.2	93.0	96.2	97.0	98.5	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 300	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>= 200	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>= 100	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>= 0	37.5	82.5	89.2	93.0	96.2	97.1	98.7	99.2	99.3	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1260

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.7	48.5	50.1	50.8	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
>=20000	27.4	54.2	56.1	57.0	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
>=18000	27.5	54.3	56.3	57.2	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=16000	27.6	54.5	56.4	57.4	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=14000	28.1	55.8	58.0	59.0	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
>=12000	29.1	57.2	59.4	60.5	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>=10000	29.6	60.6	63.2	64.4	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 9000	30.0	61.1	63.6	64.9	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>= 8000	31.2	65.0	67.9	69.8	70.4	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
>= 7000	31.8	66.6	69.6	71.5	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 6000	32.5	67.9	71.0	72.9	73.5	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
>= 5000	33.7	70.0	73.4	75.5	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 4500	33.9	70.8	74.2	76.3	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 4000	35.1	73.6	77.1	79.4	80.1	80.5	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
>= 3500	35.4	74.5	78.2	80.6	81.2	81.6	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 3000	35.9	77.9	82.3	84.9	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
>= 2500	36.4	78.7	83.2	86.1	87.1	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 2000	37.0	80.3	85.1	88.2	89.2	89.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1800	37.0	80.3	85.2	88.3	89.4	89.8	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 1500	37.1	81.5	86.5	90.2	91.4	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1200	37.1	81.8	86.8	90.8	91.9	92.5	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 1000	37.2	82.3	87.4	91.5	92.6	93.2	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 900	37.2	82.6	87.7	92.0	93.2	93.8	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>= 800	37.2	83.1	88.3	92.7	94.2	94.9	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
>= 700	37.3	83.3	88.7	93.4	94.9	95.7	96.8	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
>= 600	37.5	83.6	89.0	93.7	95.3	96.1	97.4	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 500	37.5	83.6	89.2	94.1	95.8	96.8	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1
>= 400	37.5	83.6	89.2	94.1	96.0	97.1	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5
>= 300	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
>= 200	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
>= 100	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0
>= 0	37.5	83.6	89.2	94.1	96.0	97.1	98.7	99.3	99.4	99.6	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : MAY
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	22.5	45.4	46.9	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
>=20000	23.5	51.8	53.7	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=18000	23.6	52.1	54.0	55.4	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
>=16000	23.7	52.3	54.3	55.6	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
>=14000	23.9	53.1	55.0	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
>=12000	24.8	55.3	57.3	58.6	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=10000	25.9	59.7	62.1	63.6	64.0	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>= 9000	26.3	60.2	62.7	64.2	64.5	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>= 8000	28.0	65.9	68.8	70.9	71.5	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 7000	28.6	67.4	70.5	72.7	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 6000	29.0	68.2	71.4	73.7	74.4	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 5000	29.8	70.2	73.4	75.9	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>= 4500	30.1	71.6	75.0	77.6	78.6	78.7	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 4000	30.5	74.0	77.8	80.5	81.5	81.8	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 3500	30.8	74.9	78.8	81.5	82.7	82.9	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5
>= 3000	31.3	77.8	82.0	85.0	86.6	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2500	31.5	78.5	82.8	86.2	87.7	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	31.6	79.4	83.9	87.4	88.9	89.3	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0
>= 1800	31.6	79.4	83.9	87.5	89.0	89.3	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	31.7	80.2	84.9	88.8	90.4	90.8	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	31.8	80.7	85.4	89.3	90.9	91.4	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
>= 1000	31.9	81.1	85.8	90.1	92.0	92.6	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	31.9	81.1	85.9	90.5	92.4	93.0	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 800	31.9	81.2	86.1	91.0	93.2	94.0	95.1	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4
>= 700	31.9	81.3	86.4	91.4	93.6	94.5	95.6	95.8	95.8	96.0	96.1	96.1	96.1	96.1	96.1	96.1
>= 600	31.9	81.4	86.6	91.6	94.1	95.0	96.2	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8
>= 500	31.9	81.5	86.9	92.0	94.8	95.9	97.2	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.2	98.2
>= 400	31.9	81.8	87.3	92.6	95.5	96.6	98.0	98.5	98.5	98.9	99.0	99.0	99.0	99.0	99.1	99.1
>= 300	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	99.4	99.6	99.6	99.8	99.8	99.8	99.8
>= 200	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	99.4	99.7	99.7	99.8	99.8	99.9	99.9
>= 100	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	99.4	99.7	99.7	99.8	99.8	100.0	100.0
>= 0	31.9	81.8	87.3	92.7	95.5	96.7	98.1	98.7	98.7	99.4	99.7	99.7	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 1257

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.6	53.2	55.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
>=20000	22.2	56.3	58.6	59.9	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
>=18000	22.3	56.6	58.9	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=16000	22.5	56.9	59.2	60.4	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=14000	22.7	57.2	59.5	60.7	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=12000	23.9	59.6	61.8	63.2	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=10000	24.8	62.9	65.2	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>= 9000	25.3	63.4	65.8	67.3	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>= 8000	26.0	67.7	70.3	72.3	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 7000	26.4	69.0	71.9	74.0	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 6000	27.1	70.4	73.4	75.5	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 5000	27.5	71.9	75.2	77.3	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
>= 4500	27.6	72.6	76.0	78.1	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 4000	27.9	74.7	78.4	80.6	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 3500	27.9	75.4	79.2	81.4	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 3000	28.2	77.1	81.4	84.2	85.3	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>= 2500	28.2	77.3	81.8	85.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
>= 2000	28.3	78.4	83.1	86.3	87.6	87.9	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
>= 1800	28.3	78.8	83.5	86.7	88.0	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 1500	28.4	80.0	84.9	88.3	89.8	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
>= 1200	28.6	80.6	85.9	89.5	91.0	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>= 1000	28.6	81.1	86.5	90.1	92.0	92.4	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 900	28.6	81.8	87.4	91.2	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
>= 800	28.7	82.1	87.8	91.7	93.7	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>= 700	28.8	82.5	88.1	92.2	94.6	95.0	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>= 600	28.8	82.9	88.7	92.8	95.4	95.8	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>= 500	28.8	83.2	89.1	93.3	96.0	96.6	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
>= 400	28.8	83.4	89.4	93.8	96.5	97.1	97.7	97.9	97.9	98.0	98.0	98.0	98.2	98.2	98.2	98.2
>= 300	28.8	83.5	89.5	94.1	96.9	97.5	98.1	98.4	98.5	98.9	98.9	98.9	99.1	99.1	99.1	99.1
>= 200	28.8	83.5	89.5	94.2	97.0	97.6	98.3	98.7	98.7	99.1	99.2	99.2	99.4	99.4	99.4	99.4
>= 100	28.8	83.6	89.5	94.3	97.1	97.7	98.3	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.6	99.7
>= 0	28.8	83.6	89.5	94.3	97.1	97.7	98.3	98.7	98.8	99.3	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NO. OF OBS : 1271

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	47.9	50.0	51.0	51.4	51.4	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
>=20000	23.1	52.3	54.8	56.0	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.8
>=18000	23.2	52.5	55.0	56.2	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0
>=16000	23.4	52.7	55.2	56.4	56.9	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=14000	23.9	53.5	56.1	57.3	57.8	57.9	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=12000	24.6	55.1	57.7	59.0	59.5	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9
>=10000	25.7	58.6	61.5	63.0	63.6	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
>= 9000	26.1	59.2	62.2	63.7	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7
>= 8000	27.2	63.2	66.4	68.3	69.0	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5
>= 7000	27.6	64.6	67.9	69.8	70.6	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
>= 6000	28.1	65.7	69.1	71.0	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
>= 5000	28.8	67.3	70.9	72.9	73.8	74.0	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4
>= 4500	29.0	68.2	71.8	73.9	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
>= 4000	29.7	70.3	74.2	76.5	77.5	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
>= 3500	29.9	71.0	75.0	77.4	78.4	78.7	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2
>= 3000	30.4	73.4	77.8	80.5	81.8	82.1	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
>= 2500	30.6	74.2	78.9	81.8	83.1	83.4	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0
>= 2000	31.0	75.5	80.4	83.5	85.0	85.3	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
>= 1800	31.0	75.8	80.7	83.8	85.3	85.6	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3
>= 1500	31.2	76.9	82.0	85.4	87.1	87.5	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
>= 1200	31.3	77.6	82.8	86.4	88.1	88.6	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4
>= 1000	31.5	78.4	83.7	87.6	89.6	90.2	90.8	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1
>= 900	31.6	78.7	84.2	88.1	90.2	90.8	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8
>= 800	31.6	79.2	84.8	89.0	91.3	91.9	92.7	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1
>= 700	31.6	79.5	85.3	89.7	92.1	92.8	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.2	94.2
>= 600	31.7	79.9	85.8	90.3	93.0	93.8	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.4	95.4
>= 500	31.7	80.2	86.3	91.0	93.9	94.9	96.1	96.4	96.4	96.7	96.8	96.8	96.8	96.8	96.9	96.9
>= 400	31.7	80.4	86.6	91.6	94.7	95.7	97.1	97.6	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1
>= 300	31.7	80.4	86.7	91.7	94.9	96.0	97.5	98.1	98.2	98.5	98.7	98.7	98.8	98.9	98.9	99.0
>= 200	31.7	80.4	86.7	91.7	95.0	96.1	97.6	98.3	98.4	98.7	99.0	99.0	99.2	99.3	99.4	99.4
>= 100	31.7	80.4	86.7	91.7	95.0	96.1	97.7	98.4	98.4	98.8	99.1	99.1	99.4	99.4	99.6	99.8
>= 0	31.7	80.4	86.7	91.7	95.0	96.1	97.7	98.4	98.4	98.8	99.1	99.1	99.4	99.5	99.7	100.0

TOTAL NO. OF OBS : 10157

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	.3	.5	.0	.0	.0	.0	.0	.0	.0	1.9	6.8
NNE	.5	.4	.7	.2	.1	.0	.0	.0	.0	.0	.0	1.8	7.1
NE	.3	1.1	.5	1.0	.1	.0	.0	.0	.0	.0	.0	2.9	8.4
ENE	.4	.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	2.4	6.7
E	.5	1.4	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.2
ESE	.7	1.3	.6	.3	.1	.1	.1	.0	.0	.0	.0	3.2	7.1
SE	.6	1.4	.6	.3	.2	.0	.0	.0	.0	.0	.0	3.0	6.6
SSE	1.6	1.3	.7	.3	.0	.0	.0	.0	.0	.0	.0	3.9	5.1
S	3.3	4.4	4.5	.3	.0	.0	.0	.0	.0	.0	.0	12.5	5.8
SSW	1.0	3.1	4.4	2.3	.1	.0	.0	.0	.0	.0	.0	11.0	8.0
SW	.7	3.5	7.3	2.7	.2	.0	.0	.0	.0	.0	.0	14.4	8.4
WSW	.7	2.3	2.2	.6	.0	.0	.0	.0	.0	.0	.0	5.9	6.9
W	1.7	2.8	1.1	.1	.1	.0	.0	.0	.0	.0	.0	5.8	5.2
WNW	2.1	2.9	1.3	.0	.0	.1	.0	.0	.0	.0	.0	6.4	4.9
NW	1.5	2.3	.6	.6	.3	.1	.0	.0	.0	.0	.0	5.4	6.5
NNW	1.0	1.5	1.3	.8	.2	.0	.0	.0	.0	.0	.0	4.8	7.5
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	12.0	.0
ALL	17.0	31.0	28.0	10.5	1.3	.2	.1	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	.9	1.3	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.7
NNE	.1	1.1	1.1	.3	.2	.0	.0	.0	.0	.0	.0	2.9	8.2
NE	.4	1.0	1.4	.9	.2	.0	.0	.0	.0	.0	.0	3.9	8.2
ENE	.4	1.3	.7	.5	.2	.0	.0	.0	.0	.0	.0	3.0	7.2
E	.5	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
ESE	.3	.7	.2	.1	.0	.1	.1	.0	.0	.0	.0	1.5	7.5
SE	.6	.7	.6	.2	.2	.0	.0	.0	.0	.0	.0	2.4	7.5
SSE	1.1	1.0	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.8	4.7
S	1.4	3.3	1.8	.2	.1	.0	.0	.0	.0	.0	.0	6.8	5.7
SSW	.9	3.1	4.9	1.4	.0	.0	.0	.0	.0	.0	.0	10.2	7.4
SW	1.0	2.7	5.1	2.9	.2	.0	.0	.0	.0	.0	.0	11.9	8.4
WSW	1.0	3.0	2.3	1.0	.0	.0	.0	.0	.0	.0	.0	7.3	6.9
W	2.3	4.5	1.0	.3	.0	.0	.0	.0	.0	.0	.0	8.2	4.7
WNW	2.5	3.1	1.2	.4	.1	.0	.0	.0	.0	.0	.0	7.2	5.2
NW	1.1	2.4	2.1	.6	.2	.0	.0	.0	.0	.0	.0	6.4	6.9
NNW	.9	1.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	5.1	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	14.9	.0
ALL	14.9	31.8	26.4	10.6	1.4	.1	.1	.0	.0	.0	.0	100.0	5.8

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.7	1.6	.6	.0	.0	.0	.0	.0	.0	.0	4.8	6.5
NNE	.2	1.2	1.3	.8	.2	.1	.0	.0	.0	.0	.0	3.8	8.7
NE	.9	1.1	2.4	.4	.0	.0	.0	.0	.0	.0	.0	4.8	7.0
ENE	.5	1.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0	2.9	6.8
E	.4	1.0	.7	.6	.1	.0	.0	.0	.0	.0	.0	2.7	7.6
ESE	.2	1.2	.7	.2	.1	.2	.0	.0	.0	.0	.0	2.6	8.3
SE	.4	.6	1.0	.6	.0	.0	.0	.0	.0	.0	.0	2.6	7.6
SSE	.5	.6	.6	.2	.0	.1	.0	.0	.0	.0	.0	1.8	6.8
S	1.3	2.5	1.5	.7	.0	.0	.0	.0	.0	.0	.0	6.0	6.2
SSW	1.0	2.7	2.8	1.5	.0	.0	.0	.0	.0	.0	.0	8.0	7.4
SW	1.3	3.5	5.6	3.6	.2	.0	.1	.0	.0	.0	.0	14.1	8.4
WSW	.2	3.3	3.2	1.4	.0	.0	.0	.0	.0	.0	.0	8.0	7.7
W	1.0	3.5	2.5	.2	.0	.0	.0	.0	.0	.0	.0	7.2	5.9
WNW	.8	3.3	2.4	.3	.1	.0	.0	.0	.0	.0	.0	6.9	6.3
NW	1.7	3.7	2.6	1.0	.6	.1	.0	.0	.0	.0	.0	9.6	7.1
NNW	1.5	1.6	1.9	.9	.2	.0	.0	.0	.0	.0	.0	6.0	6.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0	.0
ALL	12.8	32.6	31.6	13.1	1.4	.4	.1	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.1	2.5	1.0	.1	.1	.0	.0	.0	.0	.0	8.2	7.0
NNE	.7	2.9	2.8	1.3	.0	.0	.0	.0	.0	.0	.0	7.7	7.3
NE	.8	2.3	1.3	.2	.0	.0	.0	.0	.0	.0	.0	4.6	5.9
ENE	.4	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	2.3	6.5
E	.9	2.5	.6	.2	.0	.0	.1	.0	.0	.0	.0	4.1	5.8
ESE	.2	2.8	1.7	.2	.1	.1	.0	.0	.0	.0	.0	5.2	6.8
SE	.8	3.0	4.4	1.0	.2	.0	.0	.0	.0	.0	.0	9.5	7.8
SSE	.4	1.7	1.0	.4	.0	.1	.0	.0	.0	.0	.0	3.5	7.4
S	.3	1.4	1.7	.3	.1	.0	.0	.0	.0	.0	.0	3.8	7.5
SSW	.2	1.0	2.8	1.0	.1	.1	.0	.0	.0	.0	.0	5.2	8.9
SW	.2	2.1	3.6	2.1	.1	.0	.0	.0	.0	.0	.0	8.1	8.9
WSW	.2	1.8	3.5	1.3	.2	.0	.0	.0	.0	.0	.0	7.0	8.6
W	1.2	1.7	2.8	.8	.0	.0	.0	.0	.0	.0	.0	6.4	7.1
WNW	.5	1.7	1.4	.7	.1	.0	.0	.0	.0	.0	.0	4.4	7.4
NW	1.3	2.7	3.3	1.8	.6	.2	.0	.0	.0	.0	.0	9.8	8.4
NNW	.8	2.8	1.8	.6	.0	.0	.0	.0	.0	.0	.0	6.0	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	10.3	34.6	35.7	13.1	1.5	.5	.1	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : UN
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	2.3	1.8	.7	.1	.0	.0	.0	.0	.0	.0	5.6	7.3
NNE	.5	3.7	2.1	.5	.2	.0	.0	.0	.0	.0	.0	6.9	6.8
NE	.7	3.7	3.1	.2	.0	.0	.0	.0	.0	.0	.0	7.7	6.4
ENE	.3	1.0	.6	.4	.0	.0	.0	.0	.0	.0	.0	2.3	6.9
E	1.0	1.6	.9	.5	.0	.1	.0	.0	.0	.0	.0	4.1	6.4
ESE	.9	3.4	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	7.9	7.1
SE	.6	4.3	7.9	5.6	1.0	.2	.0	.0	.0	.0	.0	19.5	9.6
SSE	.2	1.7	3.3	2.6	.1	.1	.0	.0	.0	.0	.0	8.1	9.3
S	.4	1.1	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	5.2	8.7
SSW	.2	1.0	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	4.1	8.5
SW	.1	.3	2.0	1.9	.2	.0	.0	.0	.0	.0	.0	4.4	10.6
WSW	.2	1.0	2.2	1.1	.1	.0	.0	.0	.0	.0	.0	4.6	8.8
W	.3	1.3	1.7	.8	.2	.0	.0	.0	.0	.0	.0	4.4	8.3
WNW	.2	1.0	1.5	.9	.2	.1	.0	.0	.0	.0	.0	3.8	9.5
NW	.6	.9	1.8	1.9	.4	.2	.0	.0	.0	.0	.0	5.9	10.1
NNW	.5	1.2	1.4	.5	.0	.2	.0	.0	.0	.0	.0	3.7	7.6
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	1.7	.0
ALL	7.4	29.4	37.2	20.8	2.6	.9	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.4	1.6	.7	.0	.0	.0	.0	.0	.0	.0	5.4	6.7
NNE	.9	1.7	2.5	.5	.2	.0	.0	.0	.0	.0	.0	5.8	7.2
NE	.8	2.8	1.5	.1	.0	.1	.0	.0	.0	.0	.0	5.2	5.9
ENE	.6	.9	.5	.5	.2	.0	.0	.0	.0	.0	.0	2.6	7.6
E	.8	1.3	1.1	.2	.1	.0	.0	.0	.0	.0	.0	3.4	6.2
ESE	.6	1.9	1.6	.4	.1	.1	.0	.0	.0	.0	.0	4.6	7.1
SE	.2	3.3	8.5	4.1	.8	.0	.0	.0	.0	.0	.0	17.0	9.4
SSE	.5	2.9	9.5	6.1	.7	.2	.0	.0	.0	.0	.0	19.8	9.9
S	.6	1.4	2.6	1.6	.1	.0	.0	.0	.0	.0	.0	6.3	8.6
SSW	.1	.6	1.6	.8	.0	.0	.0	.0	.0	.0	.0	3.0	9.0
SW	.2	.5	1.9	1.7	.1	.0	.0	.0	.0	.0	.0	4.4	9.9
WSW	.1	1.4	2.1	.8	.0	.0	.0	.0	.0	.0	.0	4.4	8.3
W	.2	1.3	2.0	.4	.2	.0	.0	.0	.0	.0	.0	4.0	8.0
WNW	.2	.8	1.0	.8	.1	.0	.0	.0	.0	.0	.0	2.8	9.0
NW	.3	.9	2.0	1.1	.2	.2	.0	.0	.0	.0	.0	4.7	9.9
NNW	.2	1.1	1.3	.7	.2	.0	.0	.0	.0	.0	.0	3.5	8.7
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	3.1	.0
ALL	6.8	25.0	41.2	20.5	2.9	.5	.0	.0	.0	.0	.0	100.0	8.3

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.5	.6	.6	.2	.0	.0	.0	.0	.0	.0	4.4	6.2
NNE	.9	1.1	.6	.3	.1	.2	.0	.0	.0	.0	.0	3.2	7.0
NE	.7	.6	.6	.5	.1	.0	.0	.0	.0	.0	.0	2.5	7.1
ENE	.4	.9	.9	.0	.2	.0	.0	.0	.0	.0	.0	2.3	6.8
E	.3	.7	1.3	.3	.0	.0	.0	.0	.0	.0	.0	2.6	7.3
ESE	.6	.7	.8	.4	.1	.1	.0	.0	.0	.0	.0	2.7	7.6
SE	1.2	2.8	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	7.8	7.0
SSE	1.7	6.4	7.1	1.5	.2	.0	.0	.0	.0	.0	.0	16.8	7.1
S	2.8	9.3	7.1	1.5	.1	.0	.0	.0	.0	.0	.0	20.8	6.5
SSW	.8	3.5	1.8	.6	.0	.0	.0	.0	.0	.0	.0	6.7	6.3
SW	.3	2.1	1.9	.7	.0	.0	.0	.0	.0	.0	.0	5.0	7.3
WSW	.2	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.9	7.0
W	.6	1.9	.8	.1	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
WNW	.8	1.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	2.6	5.9
NW	.6	1.3	.7	.4	.2	.2	.0	.0	.0	.0	.0	3.3	7.8
NNW	1.0	1.4	.9	.3	.0	.1	.0	.0	.0	.0	.0	3.7	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.4	.0
ALL	14.4	36.7	29.0	8.8	1.3	.5	.0	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	.6	.5	.4	.1	.0	.0	.0	.0	.0	.0	2.2	6.8
NNE	.4	.6	.4	.2	.2	.1	.0	.0	.0	.0	.0	1.9	8.6
NE	.3	1.0	.7	.2	.1	.0	.0	.0	.0	.0	.0	2.3	7.2
ENE	.2	.8	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.1	7.0
E	.4	1.2	1.6	.3	.1	.0	.0	.0	.0	.0	.0	3.6	7.0
ESE	.2	.7	.9	.6	.1	.0	.0	.0	.0	.0	.0	2.5	8.9
SE	.6	1.1	1.5	1.0	.0	.1	.0	.0	.0	.0	.0	4.4	8.2
SSE	1.7	3.1	2.8	.4	.1	.0	.0	.0	.0	.0	.0	8.1	6.0
S	3.7	9.0	7.5	1.2	.0	.0	.0	.0	.0	.0	.0	21.3	6.2
SSW	1.8	4.2	5.6	1.3	.0	.2	.0	.0	.0	.0	.0	13.2	7.2
SW	1.7	2.8	3.3	1.4	.1	.0	.0	.0	.0	.0	.0	9.3	7.4
WSW	.2	1.2	1.5	.2	.1	.0	.0	.0	.0	.0	.0	3.3	7.4
W	1.3	1.8	.9	.3	.0	.1	.0	.0	.0	.0	.0	4.4	5.8
WNW	1.3	1.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	3.6	5.1
NW	.6	1.3	.6	.6	.1	.0	.1	.0	.0	.0	.0	3.3	7.7
NNW	.8	1.0	.7	.3	.4	.1	.0	.0	.0	.0	.0	3.3	8.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.3	.0
ALL	16.0	32.0	29.5	9.2	1.3	.5	.1	.0	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.6	1.3	.6	.0*	.0*	.0	.0	.0	.0	.0	4.4	6.8
NNE	.5	1.6	1.4	.5	.1	.0*	.0	.0	.0	.0	.0	4.2	7.5
NE	.6	1.7	1.4	.4	.0*	.0*	.0	.0	.0	.0	.0	4.2	6.8
ENE	.4	1.0	.7	.3	.1	.0	.0	.0	.0	.0	.0	2.5	7.0
E	.6	1.3	.9	.3	.0*	.0*	.0*	.0	.0	.0	.0	3.2	6.5
ESE	.5	1.6	1.1	.4	.1	.1	.0*	.0	.0	.0	.0	3.8	7.4
SE	.6	2.2	3.4	1.8	.3	.0*	.0	.0	.0	.0	.0	8.3	8.6
SSE	1.0	2.3	3.2	1.5	.1	.0*	.0	.0	.0	.0	.0	8.1	7.9
S	1.7	4.0	3.7	.9	.0*	.0	.0	.0	.0	.0	.0	10.3	6.6
SSW	.8	2.4	3.2	1.2	.0*	.0*	.0	.0	.0	.0	.0	7.7	7.6
SW	.7	2.2	3.8	2.1	.1	.0	.0*	.0	.0	.0	.0	9.0	8.5
WSW	.3	1.9	2.2	.8	.0*	.0	.0	.0	.0	.0	.0	5.4	7.7
W	1.1	2.3	1.6	.4	.1	.0*	.0	.0	.0	.0	.0	5.5	6.1
WNW	1.0	1.9	1.2	.4	.1	.0*	.0	.0	.0	.0	.0	4.7	6.3
NW	1.0	1.9	1.7	1.0	.3	.1	.0*	.0	.0	.0	.0	6.0	8.0
NNW	.8	1.6	1.3	.6	.1	.0*	.0	.0	.0	.0	.0	4.5	7.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1	.0
ALL	12.4	31.6	32.3	13.3	1.7	.4	.0*	.0	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 10073

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUN
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)														
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.3	51.9	56.8	59.9	61.0	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=20000	20.5	55.4	61.0	64.7	65.8	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=18000	20.5	55.5	61.0	64.8	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=16000	20.5	55.5	61.0	64.8	65.9	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=14000	20.7	55.9	61.4	65.2	66.3	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=12000	21.1	57.1	62.7	66.6	67.7	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=10000	22.1	61.0	66.9	71.0	72.2	72.6	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
>= 9000	22.5	61.7	67.5	71.7	72.9	73.3	73.7	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9
>= 8000	22.9	64.9	71.2	75.6	77.0	77.4	77.8	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
>= 7000	23.5	65.8	72.3	76.8	78.2	78.6	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
>= 6000	23.9	66.6	73.1	77.5	78.9	79.3	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
>= 5000	23.9	67.6	74.3	78.9	80.3	80.7	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
>= 4500	23.9	68.2	75.0	79.6	81.0	81.4	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0
>= 4000	24.1	69.7	76.6	81.4	82.9	83.3	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
>= 3500	24.4	70.6	77.6	82.5	83.9	84.3	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.0
>= 3000	24.6	72.2	79.6	85.1	86.9	87.3	87.7	87.7	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 2500	24.7	73.1	80.5	86.1	87.9	88.3	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
>= 2000	24.8	73.9	81.6	87.3	89.1	89.5	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 1800	24.8	74.2	81.9	87.6	89.5	90.0	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 1500	24.9	75.2	83.2	89.0	91.0	91.5	92.1	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
>= 1200	25.1	76.3	84.5	90.3	92.3	92.8	93.4	93.5	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7
>= 1000	25.2	77.2	85.6	91.6	93.8	94.3	95.0	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 900	25.2	77.4	85.8	91.9	94.2	94.7	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6
>= 800	25.3	77.8	86.3	92.5	94.8	95.4	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
>= 700	25.3	78.2	86.7	93.0	95.3	95.9	96.6	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>= 600	25.3	78.2	87.0	93.5	95.9	96.6	97.5	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
>= 500	25.3	78.5	87.5	94.0	96.3	97.1	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
>= 400	25.3	78.7	87.7	94.2	96.9	97.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1
>= 300	25.3	78.7	87.8	94.5	97.2	98.1	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
>= 200	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	25.3	78.8	87.9	94.6	97.3	98.2	99.4	99.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1232

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	16.9	45.3	49.8	54.3	56.1	56.4	56.9	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>=20000	17.3	49.4	54.4	59.1	61.3	61.6	62.1	62.2	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6
>=18000	17.4	49.5	54.5	59.2	61.5	61.7	62.2	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
>=16000	17.4	49.5	54.5	59.2	61.5	61.7	62.2	62.4	62.4	62.6	62.8	62.8	62.8	62.8	62.8	62.8
>=14000	17.5	49.8	54.9	59.6	61.9	62.1	62.6	62.8	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2
>=12000	18.1	51.4	56.6	61.3	63.6	63.8	64.3	64.5	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.0
>=10000	18.9	55.4	61.2	66.2	68.5	68.8	69.3	69.5	69.5	69.8	70.0	70.0	70.0	70.0	70.0	70.0
>= 9000	19.2	56.1	61.8	66.9	69.3	69.5	70.1	70.3	70.3	70.6	70.8	70.8	70.8	70.8	70.8	70.8
>= 8000	19.8	59.8	66.4	72.1	74.6	74.8	75.4	75.6	75.6	76.0	76.1	76.1	76.1	76.1	76.1	76.1
>= 7000	20.2	60.9	67.7	73.5	76.1	76.3	76.9	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6
>= 6000	20.4	61.6	68.4	74.2	76.8	77.0	77.6	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3
>= 5000	20.6	62.6	69.6	75.6	78.2	78.6	79.1	79.4	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9
>= 4500	20.8	63.5	70.6	76.5	79.2	79.5	80.1	80.3	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8
>= 4000	20.8	64.5	71.6	77.6	80.3	80.7	81.2	81.5	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.0
>= 3500	20.8	65.0	72.3	78.5	81.3	81.6	82.2	82.4	82.4	82.8	82.9	82.9	82.9	82.9	82.9	82.9
>= 3000	21.0	67.4	75.4	81.6	84.6	85.0	85.6	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3
>= 2500	21.0	67.9	76.1	82.4	85.4	85.8	86.5	86.7	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2
>= 2000	21.2	68.8	77.1	83.7	86.8	87.1	87.9	88.1	88.1	88.4	88.6	88.6	88.6	88.6	88.6	88.6
>= 1800	21.3	68.9	77.2	83.8	87.1	87.4	88.1	88.3	88.3	88.7	88.8	88.8	88.8	88.8	88.8	88.8
>= 1500	21.7	70.0	78.5	85.4	88.8	89.2	90.0	90.2	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7
>= 1200	21.8	70.4	79.0	86.0	89.7	90.1	90.9	91.1	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.6
>= 1000	21.8	71.5	80.4	87.6	91.6	92.1	93.0	93.3	93.3	93.6	93.8	93.8	93.8	93.8	93.8	93.8
>= 900	21.8	72.2	81.1	88.3	92.2	92.7	93.7	94.0	94.0	94.3	94.5	94.5	94.5	94.5	94.5	94.5
>= 800	21.8	72.6	81.6	89.0	93.0	93.4	94.6	94.9	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4
>= 700	21.8	72.9	82.1	89.6	93.8	94.3	95.4	95.7	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.2
>= 600	21.8	73.1	82.4	90.2	94.4	95.0	96.4	96.8	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3
>= 500	21.9	73.2	82.7	90.6	95.0	95.6	97.0	97.5	97.5	97.9	98.1	98.1	98.1	98.1	98.1	98.1
>= 400	21.9	73.3	82.8	90.9	95.3	96.0	97.6	98.1	98.1	98.6	98.9	98.9	98.9	98.9	98.9	98.9
>= 300	21.9	73.4	82.9	91.0	95.6	96.4	98.0	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
>= 200	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.8	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6
>= 100	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.9	98.9	99.5	99.8	99.8	99.8	99.8	99.8	99.8
>= 0	21.9	73.4	82.9	91.0	95.7	96.4	98.1	98.9	98.9	99.6	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NO. OF OBS : 1236

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	44.6	48.5	51.6	53.1	53.9	54.5	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.1	55.1
>=20000	19.3	48.5	53.0	56.7	58.7	59.4	60.2	60.7	60.7	60.9	60.9	60.9	61.0	61.0	61.1	61.1
>=18000	19.3	48.6	53.0	56.8	58.8	59.5	60.2	60.8	60.8	61.0	61.0	61.0	61.1	61.1	61.1	61.1
>=16000	19.4	48.9	53.3	57.0	59.0	59.8	60.5	61.1	61.1	61.2	61.2	61.2	61.3	61.3	61.4	61.4
>=14000	19.8	49.4	53.9	57.8	59.8	60.5	61.2	61.8	61.8	62.0	62.0	62.0	62.0	62.0	62.1	62.1
>=12000	20.3	50.8	55.3	59.3	61.3	62.0	62.8	63.4	63.4	63.5	63.5	63.5	63.6	63.6	63.7	63.7
>=10000	21.3	54.2	59.2	63.6	66.0	66.9	67.7	68.3	68.3	68.4	68.4	68.4	68.5	68.5	68.6	68.6
>= 9000	21.5	54.6	59.6	64.0	66.4	67.3	68.1	68.7	68.7	68.9	68.9	68.9	68.9	68.9	69.0	69.0
>= 8000	22.2	58.4	64.2	69.0	71.7	72.6	73.4	74.0	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.3
>= 7000	22.7	59.9	65.7	70.6	73.3	74.2	75.0	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.9	75.9
>= 6000	23.0	60.9	66.8	71.6	74.4	75.3	76.1	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0	77.0
>= 5000	23.5	62.0	68.1	73.1	75.9	76.8	77.6	78.3	78.3	78.4	78.4	78.4	78.5	78.5	78.6	78.6
>= 4500	23.5	62.3	68.6	73.6	76.5	77.4	78.2	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.2	79.2
>= 4000	23.6	63.5	69.9	75.0	78.1	79.0	79.8	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.8	80.8
>= 3500	23.6	63.6	70.0	75.2	78.4	79.3	80.1	80.7	80.7	80.9	80.9	80.9	81.0	81.0	81.1	81.1
>= 3000	23.9	64.9	71.5	77.0	80.3	81.3	82.2	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3
>= 2500	23.9	65.6	72.1	77.7	81.2	82.2	83.2	83.9	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.3
>= 2000	24.2	66.5	73.5	79.4	83.1	84.1	85.1	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1
>= 1800	24.2	66.5	73.5	79.4	83.1	84.1	85.1	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.2	86.2
>= 1500	24.3	67.4	74.5	80.7	84.3	85.5	86.5	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.6	87.6
>= 1200	24.5	68.1	75.4	81.6	85.3	86.6	87.7	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.9	88.9
>= 1000	24.8	69.2	76.7	82.9	86.8	88.1	89.3	90.0	90.0	90.2	90.2	90.2	90.3	90.3	90.4	90.4
>= 900	24.8	69.7	77.3	83.5	87.5	88.9	90.0	90.7	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1
>= 800	24.9	70.4	78.2	84.6	88.6	90.2	91.6	92.4	92.4	92.5	92.7	92.7	92.8	92.8	92.9	92.9
>= 700	24.9	70.7	78.6	85.1	89.3	91.0	92.4	93.3	93.3	93.4	93.6	93.6	93.7	93.7	93.8	93.8
>= 600	24.9	71.1	79.2	86.1	90.7	92.5	94.3	95.2	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7
>= 500	24.9	71.4	79.8	87.0	91.9	93.9	95.9	96.9	96.9	97.0	97.3	97.3	97.4	97.4	97.5	97.5
>= 400	24.9	71.5	80.0	87.3	92.5	94.8	97.0	98.0	98.0	98.4	98.9	98.9	99.0	99.0	99.1	99.1
>= 300	24.9	71.5	80.0	87.4	92.6	94.9	97.2	98.3	98.3	98.6	99.2	99.3	99.5	99.5	99.6	99.6
>= 200	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.4	99.5	99.8	99.8	99.8	99.8
>= 100	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.5	99.6	99.9	99.9	100.0	100.0
>= 0	24.9	71.5	80.0	87.4	92.7	95.0	97.3	98.4	98.4	98.9	99.5	99.6	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1220

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	23.6	49.4	51.9	54.1	55.5	55.9	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4
>=20000	24.6	54.2	57.2	59.7	61.4	61.9	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.3	62.3
>=18000	24.7	54.4	57.3	59.9	61.6	62.1	62.3	62.3	62.3	62.4	62.5	62.5	62.5	62.5	62.5	62.5
>=16000	24.8	54.6	57.5	60.0	61.7	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6
>=14000	25.2	55.5	58.5	61.0	62.8	63.3	63.5	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
>=12000	26.1	57.2	60.3	63.0	64.8	65.3	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
>=10000	26.7	59.9	63.4	66.4	68.2	69.0	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>= 9000	26.7	60.0	63.5	66.6	68.4	69.1	69.5	69.5	69.5	69.6	69.7	69.7	69.7	69.7	69.7	69.7
>= 8000	27.7	64.0	68.1	71.2	73.0	73.9	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4
>= 7000	27.9	64.8	68.9	72.0	73.9	74.8	75.1	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
>= 6000	28.0	65.1	69.5	72.6	74.6	75.4	75.7	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0
>= 5000	28.7	66.3	70.6	73.7	75.7	76.6	77.0	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2
>= 4500	28.7	67.1	71.5	74.6	76.6	77.5	77.9	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1
>= 4000	29.2	68.6	73.2	76.5	78.5	79.4	79.7	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
>= 3500	29.3	68.8	73.5	76.7	78.7	79.6	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2
>= 3000	30.1	70.4	75.4	78.7	80.9	81.9	82.2	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5
>= 2500	30.4	71.2	76.1	79.5	81.8	82.7	83.1	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
>= 2000	31.2	72.7	78.0	81.6	84.1	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>= 1800	31.4	73.3	78.7	82.2	84.9	85.8	86.2	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5
>= 1500	32.2	75.0	80.9	84.5	87.3	88.4	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0
>= 1200	32.7	76.5	82.6	86.6	89.4	90.7	91.0	91.1	91.1	91.3	91.4	91.4	91.4	91.4	91.4	91.4
>= 1000	32.9	77.7	84.3	88.8	91.8	93.3	93.6	93.7	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0
>= 900	32.9	78.1	84.8	89.4	92.5	94.1	94.6	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2
>= 800	33.0	78.8	85.6	90.6	93.9	95.4	96.1	96.3	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7
>= 700	33.1	79.2	86.1	91.0	94.6	96.3	97.0	97.1	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6
>= 600	33.1	79.4	86.4	91.4	95.3	97.0	97.7	97.9	97.9	98.1	98.4	98.4	98.5	98.5	98.6	98.6
>= 500	33.1	79.5	86.6	91.9	95.7	97.4	98.2	98.4	98.4	98.6	98.9	98.9	99.0	99.0	99.1	99.1
>= 400	33.1	79.6	86.7	92.1	96.1	97.8	98.9	99.0	99.0	99.3	99.6	99.6	99.8	99.8	99.8	99.8
>= 300	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0
>= 200	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	33.1	79.6	86.8	92.2	96.2	97.9	98.9	99.2	99.2	99.5	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1228

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	24.0	49.0	52.1	54.1	55.0	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=20000	25.3	53.9	58.0	60.7	61.7	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=18000	25.3	53.9	58.0	60.7	61.7	62.1	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
>=16000	25.5	54.1	58.2	60.8	61.8	62.2	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
>=14000	25.8	54.9	59.0	61.7	62.8	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=12000	26.1	55.7	59.9	62.7	63.7	64.1	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>=10000	26.8	58.6	63.0	66.1	67.3	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>= 9000	27.0	59.0	63.4	66.5	67.7	68.2	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 8000	27.5	62.3	67.4	70.7	72.0	72.5	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
>= 7000	28.0	63.2	68.4	71.7	73.0	73.6	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 6000	28.3	63.6	68.8	72.2	73.5	74.1	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 5000	29.0	64.8	70.1	73.5	74.9	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 4500	29.2	65.4	70.7	74.2	75.5	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 4000	30.4	67.5	73.0	76.7	78.3	78.9	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 3500	31.4	69.3	74.9	78.6	80.3	80.9	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 3000	32.6	73.0	79.2	83.1	84.8	85.5	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
>= 2500	33.3	74.8	81.4	85.2	87.1	87.8	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 2000	33.9	77.0	84.0	88.0	90.2	91.0	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1800	33.9	77.3	84.3	88.4	90.5	91.3	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>= 1500	34.5	78.6	85.8	90.0	92.4	93.5	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
>= 1200	34.7	78.9	86.2	90.7	93.1	94.1	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 1000	34.9	79.6	87.4	92.1	94.6	95.7	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 900	34.9	79.8	87.6	92.3	94.7	96.0	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
>= 800	34.9	80.0	87.9	92.8	95.5	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 700	34.9	80.1	88.0	93.2	95.9	97.1	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 600	34.9	80.2	88.2	93.4	96.2	97.4	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 500	34.9	80.3	88.4	93.6	96.5	97.9	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	34.9	80.3	88.4	93.7	96.6	98.0	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>= 300	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
>= 200	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
>= 100	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0
>= 0	34.9	80.3	88.4	93.7	96.6	98.1	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1213

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.0	49.2	52.1	54.3	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
>=20000	25.9	56.1	59.9	63.3	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
>=18000	25.9	56.2	60.1	63.5	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=16000	26.0	56.3	60.2	63.7	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
>=14000	26.5	57.0	61.0	64.4	65.9	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=12000	27.0	58.2	62.3	65.7	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=10000	27.7	60.4	64.9	68.5	70.3	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 9000	27.7	60.7	65.3	68.9	70.8	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
>= 8000	28.2	63.7	69.1	73.1	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 7000	28.7	64.9	70.3	74.4	76.4	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 6000	29.1	65.7	71.2	75.3	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 5000	30.0	68.0	73.6	77.7	79.7	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 4500	30.1	68.7	74.3	78.4	80.5	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 4000	30.8	70.8	76.5	80.8	83.2	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
>= 3500	31.2	71.8	77.6	82.0	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
>= 3000	31.9	75.0	81.3	86.1	88.8	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
>= 2500	32.1	75.8	82.4	87.3	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>= 2000	32.7	77.4	84.0	89.0	91.8	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 1800	32.7	77.6	84.4	89.3	92.1	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 1500	32.9	78.5	85.3	90.4	93.5	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>= 1200	33.1	79.0	86.0	91.2	94.5	95.2	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 1000	33.2	79.8	86.9	92.4	95.9	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
>= 900	33.2	79.9	87.1	92.6	96.2	97.2	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 800	33.4	80.5	87.7	93.3	96.9	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 700	33.4	80.6	87.9	93.5	97.2	98.2	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
>= 600	33.4	80.6	88.0	93.8	97.8	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 500	33.4	80.6	88.0	93.8	97.9	99.0	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 400	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 300	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 200	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	33.4	80.6	88.0	93.8	98.0	99.1	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1197

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	22.1	47.0	50.4	52.8	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6
>=20000	24.0	53.9	58.8	61.8	62.9	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.6
>=18000	24.0	54.1	59.0	61.9	63.0	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8
>=16000	24.1	54.2	59.1	62.0	63.1	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
>=14000	24.4	54.7	59.6	62.5	63.7	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=12000	25.3	56.8	62.1	65.1	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
>=10000	26.4	60.4	66.2	69.3	70.5	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5
>= 9000	26.6	60.9	66.6	69.8	71.0	71.7	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
>= 8000	27.4	64.4	70.9	74.1	75.5	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6
>= 7000	27.7	66.0	72.5	76.0	77.4	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5
>= 6000	27.9	66.8	73.4	76.8	78.2	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.4	79.4
>= 5000	28.5	69.4	76.1	79.6	81.2	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.5	82.5
>= 4500	28.7	70.5	77.3	80.9	82.5	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.8	83.8
>= 4000	29.2	72.2	79.4	83.1	84.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.0
>= 3500	29.4	73.0	80.3	84.1	85.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0	87.0
>= 3000	29.5	74.4	82.0	86.1	88.1	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.4	89.4
>= 2500	29.7	75.0	82.9	87.0	89.1	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.4
>= 2000	29.9	76.4	84.4	88.9	91.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
>= 1800	30.0	76.5	84.5	89.0	91.2	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8
>= 1500	30.3	77.1	85.3	90.0	92.4	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.1	94.1
>= 1200	30.5	77.5	85.8	90.5	92.9	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
>= 1000	30.6	78.7	87.0	91.9	94.4	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
>= 900	30.6	79.0	87.4	92.3	94.8	95.9	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.7	96.7
>= 800	30.6	79.2	87.7	92.9	95.4	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.5	97.6	97.7	97.8
>= 700	30.6	79.5	88.2	93.7	96.4	97.6	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.7	98.8	98.9
>= 600	30.7	79.6	88.7	94.3	97.0	98.2	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.5	99.6
>= 500	30.7	79.6	88.7	94.4	97.1	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.7	99.7
>= 400	30.7	79.6	88.7	94.4	97.1	98.2	99.0	99.3	99.3	99.3	99.3	99.3	99.4	99.5	99.7	99.7
>= 300	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 200	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 100	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0
>= 0	30.7	79.6	88.7	94.4	97.2	98.4	99.2	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NO. OF OBS : 1198

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	22.3	54.5	58.3	60.7	61.5	62.1	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=20000	22.7	58.1	62.8	65.7	67.0	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=18000	22.7	58.1	62.8	65.7	67.0	67.5	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
>=16000	22.7	58.3	63.0	65.9	67.1	67.7	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
>=14000	23.0	59.0	63.7	66.6	67.9	68.4	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>=12000	23.5	60.3	65.1	68.1	69.4	70.1	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>=10000	24.4	63.5	68.7	71.9	73.2	73.8	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 9000	24.7	64.0	69.2	72.4	73.7	74.3	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
>= 8000	25.1	67.1	72.7	76.3	77.7	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 7000	25.4	67.9	73.6	77.3	78.7	79.4	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 6000	25.7	68.7	74.4	78.1	79.6	80.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 5000	26.1	70.4	76.3	80.1	81.6	82.3	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 4500	26.2	70.8	76.8	80.7	82.3	83.1	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
>= 4000	26.4	72.4	78.6	82.8	84.4	85.2	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 3500	26.7	73.0	79.1	83.4	85.0	85.8	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 3000	26.9	74.6	81.1	85.7	87.5	88.4	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 2500	27.0	75.3	82.1	86.7	88.5	89.4	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 2000	27.2	76.2	83.1	87.7	89.6	90.5	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>= 1800	27.2	76.3	83.3	88.0	89.9	90.8	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 1500	27.3	77.7	85.0	90.1	92.1	93.0	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0
>= 1200	27.5	78.6	86.0	91.3	93.2	94.1	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 1000	27.6	79.3	87.1	92.7	94.8	95.7	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9
>= 900	27.6	79.4	87.2	93.0	95.2	96.1	97.0	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
>= 800	27.6	79.6	87.8	93.5	95.7	96.8	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
>= 700	27.7	79.8	88.1	93.8	96.0	97.1	98.0	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 600	27.7	80.0	88.2	94.1	96.3	97.4	98.4	98.6	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
>= 500	27.7	80.1	88.6	94.5	96.7	97.8	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 400	27.7	80.1	88.6	94.8	97.1	98.2	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 200	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	27.7	80.1	88.6	94.9	97.2	98.3	99.3	99.7	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1223

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUN
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	21.4	48.9	52.5	55.2	56.3	56.7	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
>=20000	22.4	53.7	58.1	61.5	62.9	63.4	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=18000	22.5	53.8	58.2	61.6	63.0	63.5	63.9	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
>=16000	22.5	53.9	58.3	61.7	63.2	63.6	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=14000	22.8	54.5	59.0	62.4	63.9	64.3	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0
>=12000	23.4	55.9	60.5	64.0	65.5	66.0	66.4	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=10000	24.2	59.2	64.2	67.9	69.5	70.1	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8
>= 9000	24.5	59.6	64.6	68.3	70.0	70.6	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
>= 8000	25.1	63.1	68.7	72.8	74.6	75.2	75.6	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 7000	25.5	64.2	69.9	74.0	75.9	76.5	76.9	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
>= 6000	25.7	64.9	70.7	74.8	76.7	77.3	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
>= 5000	26.3	66.4	72.3	76.5	78.4	79.1	79.5	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
>= 4500	26.4	67.0	73.1	77.3	79.2	79.9	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.7	80.7
>= 4000	26.8	68.6	74.8	79.2	81.3	82.0	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 3500	27.1	69.4	75.7	80.1	82.2	82.9	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.7	83.7
>= 3000	27.5	71.5	78.2	82.9	85.2	86.0	86.4	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
>= 2500	27.7	72.3	79.2	84.0	86.4	87.1	87.6	87.8	87.8	87.9	87.9	87.9	87.9	88.0	88.0	88.0
>= 2000	28.1	73.6	80.7	85.7	88.2	89.0	89.5	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 1800	28.1	73.8	80.9	85.9	88.5	89.3	89.8	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.3
>= 1500	28.5	74.9	82.3	87.5	90.2	91.1	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1	92.1
>= 1200	28.7	75.6	83.2	88.5	91.3	92.2	92.8	93.0	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2
>= 1000	28.8	76.6	84.4	90.0	92.9	93.9	94.6	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
>= 900	28.9	76.9	84.8	90.4	93.4	94.4	95.1	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6
>= 800	28.9	77.3	85.3	91.1	94.2	95.3	96.1	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
>= 700	29.0	77.6	85.7	91.6	94.8	95.9	96.7	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4
>= 600	29.0	77.8	86.0	92.1	95.4	96.6	97.6	97.9	97.9	98.1	98.2	98.2	98.2	98.2	98.3	98.3
>= 500	29.0	77.9	86.3	92.5	95.9	97.1	98.2	98.5	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
>= 400	29.0	78.0	86.4	92.6	96.2	97.5	98.7	99.0	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
>= 300	29.0	78.0	86.4	92.7	96.3	97.6	98.9	99.3	99.3	99.5	99.7	99.7	99.7	99.8	99.8	99.8
>= 200	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.3	99.4	99.6	99.8	99.8	99.8	99.9	99.9	99.9
>= 100	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.4	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	29.0	78.0	86.4	92.7	96.4	97.7	98.9	99.4	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 9747

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
NNE	.3	.8	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.1
NE	.2	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.5	7.6
ENE	.6	.8	.5	.3	.0	.0	.0	.0	.0	.0	.0	2.2	5.9
E	.7	1.3	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.6	5.4
ESE	.5	.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.2	6.7
SE	.4	1.2	.4	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
SSE	.6	1.6	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.5	6.0
S	3.4	5.0	1.5	.5	.0	.0	.0	.0	.0	.0	.0	10.4	5.0
SSW	1.5	4.5	3.9	1.8	.0	.0	.0	.0	.0	.0	.0	11.7	7.1
SW	1.8	5.3	7.7	3.3	.1	.1	.0	.0	.0	.0	.0	18.2	7.8
WSW	1.3	2.8	1.9	.7	.0	.0	.0	.0	.0	.0	.0	6.7	6.1
W	1.4	3.7	1.0	.2	.0	.0	.0	.0	.0	.0	.0	6.2	5.0
WNW	1.0	2.7	1.3	.3	.0	.0	.0	.0	.0	.0	.0	5.3	5.6
NW	1.6	2.1	1.4	.6	.0	.0	.0	.0	.0	.0	.0	5.7	6.1
NNW	.5	1.2	.6	.4	.1	.0	.0	.0	.0	.0	.0	2.8	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	14.9	.0
ALL	16.6	35.0	23.9	9.3	.2	.1	.0	.0	.0	.0	.0	100.0	5.4

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.9	.6	.1	.0	.1	.0	.0	.0	.0	.0	2.2	6.2
NNE	.8	.8	.8	.7	.1	.0	.0	.0	.0	.0	.0	3.1	7.4
NE	.5	1.5	1.2	.6	.1	.0	.0	.0	.0	.0	.0	3.8	7.2
ENE	.5	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
E	.5	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
ESE	.2	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.2
SE	.5	.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	1.9	7.6
SSE	.5	.8	.4	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.9
S	2.4	2.2	1.4	.1	.1	.0	.0	.0	.0	.0	.0	6.1	5.0
SSW	1.5	2.8	2.5	1.2	.0	.0	.0	.0	.0	.0	.0	7.8	6.8
SW	1.8	5.0	5.3	3.7	.2	.0	.0	.0	.0	.0	.0	16.1	8.0
WSW	1.5	4.1	2.2	.6	.0	.0	.0	.0	.0	.0	.0	8.4	6.0
W	3.1	4.7	1.2	.1	.0	.0	.0	.0	.0	.0	.0	9.1	4.5
WNW	2.8	3.5	1.8	.2	.1	.0	.0	.0	.0	.0	.0	8.4	5.1
NW	1.8	2.6	1.2	.4	.0	.1	.0	.0	.0	.0	.0	6.1	5.6
NNW	1.2	1.8	1.0	.8	.0	.0	.0	.0	.0	.0	.0	4.8	6.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.2	.0
ALL	20.0	33.8	21.2	9.0	.6	.2	.0	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL
HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.1	5.9
NNE	.2	1.5	1.5	.5	.1	.0	.0	.0	.0	.0	.0	3.8	7.8
NE	.8	1.6	1.7	.8	.1	.0	.0	.0	.0	.0	.0	4.9	7.3
ENE	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.0
E	.5	1.2	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.0	6.8
ESE	.1	.4	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.2	6.9
SE	.5	.7	.8	.3	.0	.0	.0	.0	.0	.0	.0	2.3	6.6
SSE	.4	.5	.5	.3	.0	.0	.0	.0	.0	.0	.0	1.7	7.4
S	1.4	2.3	1.5	.2	.0	.0	.0	.0	.0	.0	.0	5.5	5.7
SSW	1.0	2.8	1.8	1.0	.0	.0	.0	.0	.0	.0	.0	6.6	7.0
SW	1.5	3.5	4.9	3.0	.3	.0	.0	.0	.0	.0	.0	13.3	8.2
WSW	.5	3.4	2.7	1.2	.0	.1	.0	.0	.0	.0	.0	7.8	7.3
W	2.2	5.5	2.7	.2	.0	.0	.0	.0	.0	.0	.0	10.6	5.3
WNW	2.3	4.1	1.2	.1	.0	.0	.0	.0	.0	.0	.0	7.8	4.9
NW	1.8	4.3	2.0	.7	.3	.0	.0	.0	.0	.0	.0	9.1	6.3
NNW	1.7	2.8	1.9	.5	.0	.1	.0	.0	.0	.0	.0	6.9	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	9.7	.0
ALL	16.4	36.9	26.7	9.4	.8	.2	.0	.0	.0	.0	.0	100.0	5.9

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	3.1	2.1	.8	.1	.0	.0	.0	.0	.0	.0	7.6	6.7
NNE	1.0	3.5	2.2	.6	.0	.0	.0	.0	.0	.0	.0	7.4	6.3
NE	.5	2.5	1.2	.3	.2	.0	.0	.0	.0	.0	.0	4.8	6.7
ENE	.9	1.6	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
E	.8	2.1	1.0	.2	.0	.0	.0	.0	.0	.0	.0	4.0	5.6
ESE	1.2	3.0	.9	.4	.1	.0	.0	.0	.0	.0	.0	5.5	5.6
SE	.7	1.5	2.5	1.2	.2	.0	.0	.0	.0	.0	.0	6.1	8.1
SSE	.6	1.2	1.5	.2	.1	.0	.0	.0	.0	.0	.0	3.5	6.8
S	.8	2.7	1.4	.7	.0	.0	.0	.0	.0	.0	.0	5.5	6.2
SSW	.5	2.0	2.2	1.4	.1	.0	.0	.0	.0	.0	.0	6.1	8.2
SW	.9	1.9	4.0	1.7	.0	.0	.0	.0	.0	.0	.0	8.5	8.0
WSW	.5	2.0	3.0	1.2	.2	.0	.0	.0	.0	.0	.0	6.8	8.1
W	.7	2.0	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.5	6.5
WNW	1.0	2.7	1.8	.3	.2	.0	.0	.0	.0	.0	.0	5.9	6.3
NW	1.9	4.3	2.9	.9	.2	.0	.0	.0	.0	.0	.0	10.3	6.3
NNW	1.2	1.9	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.8	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	.0
ALL	14.5	38.1	30.3	10.7	1.3	.0	.0	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.7	2.7	.5	.0	.0	.0	.0	.0	.0	.0	7.0	6.4
NNE	.8	3.7	1.8	.2	.2	.0	.0	.0	.0	.0	.0	6.6	6.1
NE	.8	2.5	2.3	.4	.0	.0	.0	.0	.0	.0	.0	6.1	6.4
ENE	.7	1.6	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.8	5.0
E	.9	2.2	.7	.5	.0	.0	.0	.0	.0	.0	.0	4.3	5.9
ESE	.7	3.2	2.3	.6	.0	.1	.0	.0	.0	.0	.0	6.9	6.7
SE	.3	5.1	6.6	4.3	.7	.1	.0	.0	.0	.0	.0	17.1	9.0
SSE	.2	2.3	3.7	2.3	.3	.0	.0	.0	.0	.0	.0	8.8	9.2
S	.3	1.3	2.3	1.4	.1	.0	.0	.0	.0	.0	.0	5.4	8.9
SSW	.1	.9	2.1	1.5	.0	.0	.0	.0	.0	.0	.0	4.6	9.4
SW	.1	1.5	3.2	1.0	.2	.0	.0	.0	.0	.0	.0	6.0	8.5
WSW	.2	1.3	2.0	1.5	.2	.0	.0	.0	.0	.0	.0	5.1	9.0
W	.6	1.5	1.7	.5	.1	.0	.0	.0	.0	.0	.0	4.5	7.4
WNW	.1	.5	1.1	.5	.1	.1	.0	.0	.0	.0	.0	2.3	9.2
NW	.5	1.6	2.5	.7	.2	.0	.0	.0	.0	.0	.0	5.5	8.0
NNW	.8	1.9	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	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	2.4	.0
ALL	8.3	34.1	36.7	16.3	1.9	.2	.0	.0	.0	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.4	1.2	.5	.0	.0	.0	.0	.0	.0	.0	4.8	6.0
NNE	1.0	2.6	1.8	.2	.2	.0	.0	.0	.0	.0	.0	5.8	6.1
NE	.8	2.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.5	5.6
ENE	.4	1.2	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.6	6.7
E	.8	1.5	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.1	5.6
ESE	.7	2.6	1.5	.5	.0	.1	.0	.0	.0	.0	.0	5.3	6.5
SE	.7	4.3	7.0	4.5	.5	.2	.0	.0	.0	.0	.0	17.1	9.0
SSE	.7	2.8	8.1	4.8	.4	.0	.0	.0	.0	.0	.0	16.8	9.1
S	.8	2.0	3.2	1.5	.1	.0	.0	.0	.0	.0	.0	7.5	7.8
SSW	.1	1.3	2.3	1.5	.1	.0	.0	.0	.0	.0	.0	5.2	9.1
SW	.3	1.8	1.8	1.2	.1	.0	.0	.0	.0	.0	.0	5.1	8.1
WSW	.2	1.0	2.1	.6	.2	.0	.0	.0	.0	.0	.0	4.0	8.6
W	.2	1.5	2.8	.5	.0	.0	.0	.0	.0	.0	.0	4.9	7.5
WNW	.2	.8	1.4	.5	.0	.0	.0	.0	.1	.0	.0	2.8	9.2
NW	.6	.8	1.5	.3	.2	.1	.0	.0	.0	.0	.0	3.5	8.2
NNW	.7	.9	1.2	.3	.2	.1	.0	.0	.0	.0	.0	3.3	7.5
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	3.6	.0
ALL	8.7	29.9	38.5	17.1	1.8	.4	.0	.0	.1	.0	.0	100.0	7.6

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.0	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.5	5.4
NNE	1.2	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.6
NE	.5	.6	.4	.2	.2	.0	.0	.0	.0	.0	.0	1.8	6.7
ENE	.5	.5	.4	.3	.0	.0	.0	.0	.0	.0	.0	1.6	6.4
E	.7	1.0	.7	.3	.1	.1	.0	.0	.0	.0	.0	2.8	6.9
ESE	.6	.8	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.5	6.4
SE	1.3	2.7	1.8	.8	.2	.1	.0	.0	.0	.0	.0	6.8	7.1
SSE	1.7	6.6	4.8	1.0	.1	.0	.0	.0	.0	.0	.0	14.1	6.4
S	3.8	11.4	7.5	.8	.0	.1	.0	.0	.0	.0	.0	23.5	5.9
SSW	1.2	4.2	2.3	.5	.1	.0	.0	.0	.0	.0	.0	8.3	6.3
SW	.8	3.2	2.0	.4	.1	.0	.0	.0	.0	.0	.0	6.5	6.4
WSW	.5	1.4	1.1	.3	.0	.0	.0	.0	.0	.0	.0	3.2	6.3
W	.5	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.1	5.8
WNW	.3	.9	.9	.2	.2	.0	.0	.1	.0	.0	.0	2.6	8.2
NW	.7	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.2	6.1
NNW	1.2	.6	.2	.3	.1	.0	.0	.0	.0	.0	.0	2.3	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	11.3	.0
ALL	17.4	37.8	26.1	6.0	1.1	.2	.0	.1	.0	.0	.0	100.0	5.5

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

MOORE BUSINESS FORMS, INC.

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JUL
HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.2	6.5
NNE	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.8	5.6
NE	.5	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.0	6.2
ENE	.5	.8	.3	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
E	.9	.9	1.2	.1	.0	.0	.1	.0	.0	.0	.0	3.2	6.4
ESE	.2	1.0	1.1	.5	.2	.0	.0	.0	.0	.0	.0	2.8	8.0
SE	.7	.9	1.6	.5	.1	.0	.0	.0	.0	.0	.0	3.8	7.6
SSE	.6	2.6	2.0	.5	.0	.0	.0	.0	.0	.0	.0	5.8	6.8
S	3.4	9.8	5.5	.9	.0	.0	.0	.0	.0	.0	.0	19.6	5.9
SSW	2.3	5.9	6.0	1.3	.1	.0	.0	.0	.0	.0	.0	15.6	6.7
SW	2.0	5.2	4.4	1.2	.2	.0	.0	.0	.0	.0	.0	13.0	6.8
WSW	.8	1.5	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.9	6.3
W	.7	1.8	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.8
WNW	.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.0
NW	1.5	1.2	.7	.4	.2	.0	.0	.0	.0	.0	.0	3.9	5.9
NNW	.7	1.2	.4	.5	.1	.0	.0	.0	.0	.0	.0	2.8	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	13.5	.0
ALL	15.8	35.7	26.8	7.3	.8	.0	.1	.0	.0	.0	.0	100.0	5.6

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.2	.3	.0*	.0*	.0	.0	.0	.0	.0	4.0	6.1
NNE	.7	1.7	1.2	.3	.1	.0	.0	.0	.0	.0	.0	4.0	6.3
NE	.6	1.5	1.1	.4	.1	.0	.0	.0	.0	.0	.0	3.7	6.6
ENE	.6	1.1	.5	.2	.0*	.0	.0	.0	.0	.0	.0	2.4	5.8
E	.7	1.4	.8	.2	.0*	.0*	.0*	.0	.0	.0	.0	3.2	6.0
ESE	.5	1.6	1.0	.3	.0*	.0*	.0	.0	.0	.0	.0	3.4	6.5
SE	.6	2.1	2.7	1.5	.2	.0*	.0	.0	.0	.0	.0	7.2	8.3
SSE	.7	2.3	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	7.0	7.7
S	2.0	4.6	3.0	.8	.0*	.0*	.0	.0	.0	.0	.0	10.4	6.1
SSW	1.0	3.0	2.9	1.3	.0*	.0	.0	.0	.0	.0	.0	8.3	7.3
SW	1.2	3.4	4.2	1.9	.1	.0*	.0	.0	.0	.0	.0	10.8	7.7
WSW	.7	2.2	2.0	.8	.1	.0*	.0	.0	.0	.0	.0	5.7	7.2
W	1.2	2.8	1.6	.3	.0*	.0	.0	.0	.0	.0	.0	5.8	5.7
WNW	1.0	2.1	1.3	.3	.1	.0*	.0	.0*	.0*	.0	.0	4.8	6.2
NW	1.3	2.2	1.6	.5	.1	.0*	.0	.0	.0	.0	.0	5.8	6.5
NNW	1.0	1.5	1.0	.4	.0*	.0*	.0	.0	.0	.0	.0	4.0	6.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.5	.0
ALL	14.7	35.2	28.8	10.6	1.1	.2	.0*	.0*	.0*	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 10412

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	19.8	53.0	58.6	61.6	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
>=20000	20.1	56.3	63.4	67.4	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9
>=18000	20.2	56.5	63.6	67.7	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
>=16000	20.2	56.5	63.6	67.7	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
>=14000	20.3	56.8	63.9	68.0	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
>=12000	20.7	57.9	65.4	69.5	71.5	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
>=10000	21.4	61.3	69.1	73.8	76.1	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>= 9000	21.6	61.7	69.5	74.2	76.5	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 8000	21.9	65.7	74.2	79.5	82.1	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
>= 7000	22.3	66.6	75.1	80.5	83.1	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8
>= 6000	22.5	67.0	75.5	80.9	83.6	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
>= 5000	22.5	67.6	76.2	81.6	84.4	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 4500	22.7	68.1	76.7	82.1	84.9	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.6
>= 4000	23.1	69.0	77.8	83.3	86.4	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
>= 3500	23.1	69.3	78.3	83.9	87.0	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
>= 3000	23.1	70.6	80.0	86.1	89.6	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 2500	23.2	71.2	80.8	87.0	90.7	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5
>= 2000	23.4	72.4	82.1	88.3	92.3	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1
>= 1800	23.4	72.7	82.5	88.6	92.6	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5
>= 1500	23.4	73.3	83.2	89.5	93.4	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6
>= 1200	23.5	73.8	83.8	90.2	94.2	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
>= 1000	23.7	74.8	84.8	91.4	95.3	96.0	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7
>= 900	23.7	75.1	85.3	91.9	95.8	96.4	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2
>= 800	23.7	75.3	85.8	92.4	96.6	97.2	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0	98.0
>= 700	23.7	75.5	85.9	92.6	96.8	97.5	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4
>= 600	23.7	75.8	86.2	93.0	97.3	98.0	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 500	23.7	75.8	86.2	93.0	97.6	98.3	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
>= 400	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9
>= 300	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 200	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 100	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0
>= 0	23.7	75.8	86.2	93.0	97.7	98.5	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	15.4	46.4	52.7	56.8	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1
>=20000	15.8	49.7	57.2	62.2	65.5	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1
>=18000	15.9	49.8	57.3	62.2	65.6	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2
>=16000	15.9	49.8	57.3	62.3	65.6	65.9	66.0	66.1	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3
>=14000	16.0	50.6	58.1	63.1	66.4	66.7	66.9	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>=12000	16.7	52.0	59.8	64.8	68.2	68.4	68.7	68.8	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0
>=10000	18.0	55.7	64.3	69.4	73.1	73.5	73.9	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.2
>= 9000	18.1	56.1	64.7	69.7	73.6	74.0	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
>= 8000	19.0	60.0	68.9	74.4	78.8	79.1	79.5	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8
>= 7000	19.4	61.1	70.0	75.8	80.1	80.7	81.0	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
>= 6000	19.8	61.8	70.9	76.8	81.1	81.8	82.1	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4
>= 5000	20.1	63.2	72.2	78.2	82.8	83.4	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 4500	20.2	64.0	73.0	79.0	83.6	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
>= 4000	20.5	65.2	74.5	80.5	85.2	85.9	86.2	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
>= 3500	20.5	65.4	74.9	80.9	85.6	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
>= 3000	20.5	66.5	76.5	82.8	87.6	88.2	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
>= 2500	20.6	67.1	77.1	83.6	88.4	89.0	89.5	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8
>= 2000	20.9	67.9	78.3	85.0	89.8	90.5	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
>= 1800	20.9	67.9	78.3	85.0	89.8	90.5	91.0	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.4
>= 1500	20.9	68.6	79.3	86.3	91.2	91.9	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8
>= 1200	20.9	69.1	79.9	87.0	92.0	92.8	93.3	93.5	93.5	93.6	93.6	93.6	93.7	93.7	93.7	93.7
>= 1000	20.9	69.7	80.8	88.4	93.4	94.2	94.7	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
>= 900	21.0	70.3	81.4	89.1	94.2	95.0	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 800	21.2	71.1	82.2	90.0	95.1	96.1	96.6	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
>= 700	21.2	71.3	82.5	90.4	96.0	97.0	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>= 600	21.3	71.6	82.8	90.8	96.4	97.4	98.1	98.6	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9
>= 500	21.3	71.8	83.1	91.3	97.0	98.1	98.9	99.4	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8
>= 400	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
>= 300	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
>= 200	21.3	71.9	83.2	91.4	97.1	98.2	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9
>= 100	21.3	71.9	83.2	91.5	97.2	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
>= 0	21.3	71.9	83.2	91.5	97.2	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NO. OF OBS : 1266

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	16.5	39.0	43.1	47.4	50.0	50.9	51.9	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.6
>=20000	17.4	42.7	47.3	52.3	55.2	56.3	57.4	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2
>=18000	17.4	42.7	47.4	52.4	55.3	56.3	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>=16000	17.5	42.8	47.5	52.6	55.5	56.5	57.7	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4
>=14000	18.1	44.3	49.2	54.2	57.1	58.2	59.4	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.1
>=12000	19.2	47.1	52.3	57.4	60.4	61.5	62.8	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5
>=10000	20.1	51.2	56.9	62.4	66.2	67.5	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6
>= 9000	20.3	51.8	57.4	63.0	66.7	68.1	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>= 8000	21.4	55.6	62.3	69.2	73.5	75.0	76.4	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2
>= 7000	21.6	56.3	63.1	70.0	74.4	75.9	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.1
>= 6000	21.7	56.7	63.4	70.3	74.8	76.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.5
>= 5000	22.1	58.1	65.0	71.9	76.5	78.0	79.5	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4
>= 4500	22.2	58.4	65.4	72.4	77.1	78.6	80.1	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
>= 4000	22.5	59.5	66.7	74.2	79.0	80.5	82.0	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8
>= 3500	22.5	60.0	67.2	74.7	79.6	81.1	82.6	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.4	83.5
>= 3000	22.9	60.9	68.4	76.2	81.3	83.0	84.6	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
>= 2500	23.1	61.5	69.0	76.9	82.0	83.7	85.3	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2
>= 2000	23.4	62.5	70.1	78.1	83.2	84.9	86.8	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.6
>= 1800	23.6	62.8	70.4	78.4	83.6	85.3	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 1500	23.7	63.7	71.5	79.4	84.7	86.7	88.6	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5
>= 1200	23.9	64.4	72.5	80.9	86.3	88.3	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.2
>= 1000	24.1	65.6	74.0	82.5	88.4	90.5	92.4	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.3	93.4
>= 900	24.1	66.0	74.5	83.2	89.3	91.3	93.3	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.4
>= 800	24.3	66.8	75.5	84.2	90.7	92.8	94.9	95.7	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.1
>= 700	24.3	67.2	76.0	85.0	91.5	93.6	95.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.1	97.2
>= 600	24.4	67.6	76.5	85.7	92.2	94.6	96.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3
>= 500	24.4	68.0	77.0	86.3	93.0	95.5	97.7	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4
>= 400	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.5	99.6
>= 300	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.3	99.3	99.4	99.7	99.7	99.7	99.7	99.8	99.8
>= 200	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0
>= 100	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0
>= 0	24.4	68.0	77.0	86.3	93.1	95.7	97.9	99.4	99.4	99.5	99.8	99.8	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1269

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	21.7	45.3	48.7	51.7	53.2	54.0	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
>=20000	23.3	49.7	53.4	57.3	59.1	60.0	60.6	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=18000	23.7	50.2	53.9	57.9	59.7	60.6	61.2	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=16000	24.1	50.8	54.5	58.4	60.3	61.1	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	24.4	51.3	55.1	59.1	60.9	61.8	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=12000	25.3	54.1	58.1	62.2	64.0	65.0	65.6	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=10000	26.7	57.8	62.1	66.6	68.5	69.5	70.1	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 9000	26.8	58.3	62.7	67.2	69.2	70.1	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 8000	27.3	60.6	65.5	70.7	73.0	74.1	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
>= 7000	27.4	61.2	66.0	71.5	74.1	75.2	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 6000	27.7	61.6	66.5	71.9	74.5	75.6	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
>= 5000	28.2	62.6	67.8	73.4	76.0	77.3	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
>= 4500	28.2	62.9	68.1	73.9	76.6	77.8	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7
>= 4000	28.3	63.6	69.2	75.3	78.1	79.3	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 3500	28.4	64.2	69.8	76.0	78.8	80.0	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
>= 3000	28.6	66.0	71.9	78.4	81.5	83.0	84.1	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
>= 2500	28.9	67.1	73.2	79.9	83.0	84.5	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
>= 2000	29.7	68.7	75.0	81.8	85.0	86.4	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
>= 1800	29.7	68.8	75.2	81.9	85.2	86.6	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>= 1500	30.8	71.2	77.8	85.0	88.6	90.1	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1200	31.3	73.0	79.7	87.1	90.9	92.5	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 1000	31.7	74.6	81.5	89.0	93.2	95.0	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
>= 900	31.8	74.7	81.7	89.4	93.8	95.6	97.1	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>= 800	31.9	75.2	82.4	90.4	95.0	96.9	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 700	31.9	75.2	82.5	90.5	95.1	97.1	98.6	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 600	31.9	75.2	82.5	90.5	95.1	97.2	98.7	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
>= 500	31.9	75.2	82.5	90.5	95.2	97.4	99.0	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6
>= 400	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
>= 300	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 200	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 100	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 0	31.9	75.3	82.6	90.6	95.3	97.5	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1268

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	21.7	44.2	47.6	50.4	51.9	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=20000	23.4	50.3	54.6	58.1	59.7	60.4	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=18000	23.6	50.6	54.9	58.5	60.0	60.8	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
>=16000	23.9	51.0	55.3	58.9	60.4	61.2	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=14000	24.5	51.9	56.2	60.0	61.6	62.3	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>=12000	25.6	54.1	58.6	62.6	64.2	64.9	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
>=10000	26.4	56.3	61.3	65.7	67.4	68.1	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>= 9000	26.4	56.5	61.5	65.8	67.6	68.3	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
>= 8000	27.2	59.5	65.1	69.8	72.0	72.8	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
>= 7000	27.4	60.2	65.9	70.6	72.8	73.6	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 6000	27.4	60.4	66.1	70.8	73.0	73.9	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 5000	27.7	61.4	67.4	72.2	74.4	75.4	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 4500	27.8	61.8	67.8	72.8	75.0	75.9	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 4000	28.5	63.2	69.5	74.7	77.3	78.2	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
>= 3500	29.1	64.3	70.6	75.8	78.5	79.4	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 3000	29.9	66.0	75.1	81.6	85.1	86.3	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
>= 2500	31.3	70.6	77.8	84.7	88.4	89.8	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
>= 2000	32.2	72.5	80.2	87.5	91.3	92.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
>= 1800	32.6	73.2	80.9	88.2	92.1	93.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1500	33.0	74.7	82.8	90.3	94.2	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 1200	33.3	75.3	83.3	90.9	94.8	96.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 1000	33.3	75.7	84.0	91.6	95.6	97.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 900	33.3	75.8	84.0	91.7	95.9	97.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>= 800	33.3	75.9	84.4	92.1	96.3	97.9	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
>= 700	33.3	75.9	84.4	92.1	96.4	98.0	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 600	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 500	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 400	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>= 300	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 200	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	33.3	76.0	84.5	92.2	96.5	98.1	99.3	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1259

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	21.2	44.4	48.7	51.8	53.4	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=20000	22.8	50.3	55.7	60.0	62.1	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=18000	23.0	50.6	55.9	60.2	62.3	62.5	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
>=16000	23.2	51.0	56.4	60.7	62.8	62.9	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=14000	23.9	52.3	57.7	62.1	64.2	64.4	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
>=12000	25.2	55.0	60.7	65.2	67.5	67.7	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
>=10000	26.4	58.3	64.5	69.4	72.2	72.4	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>= 9000	26.5	58.7	64.9	69.9	72.7	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 8000	27.2	62.0	68.5	74.0	77.0	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 7000	27.2	62.7	69.4	75.0	78.3	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 6000	27.5	63.2	69.9	75.6	78.9	79.2	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 5000	27.9	64.5	71.2	77.2	80.7	81.0	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 4500	28.1	65.1	71.9	77.9	81.4	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>= 4000	28.4	66.3	73.2	79.8	83.5	83.9	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
>= 3500	28.7	66.8	73.8	80.4	84.1	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 3000	29.4	70.2	78.0	85.1	89.4	90.0	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
>= 2500	30.0	71.8	79.7	86.9	91.5	92.2	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 2000	30.7	73.6	81.5	88.9	93.6	94.2	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
>= 1800	30.7	73.9	81.9	89.2	93.9	94.6	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
>= 1500	31.0	74.8	82.9	90.7	95.4	96.0	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
>= 1200	31.0	74.9	83.1	91.0	95.7	96.4	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>= 1000	31.0	74.9	83.1	91.1	96.1	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 900	31.0	74.9	83.1	91.1	96.1	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 800	31.1	75.2	83.5	91.5	96.6	97.3	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 700	31.1	75.2	83.7	91.8	97.0	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 600	31.1	75.3	83.8	91.9	97.1	97.8	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 500	31.1	75.3	83.9	92.1	97.4	98.2	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
>= 400	31.1	75.3	83.9	92.1	97.4	98.2	99.1	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 200	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	31.1	75.4	83.9	92.2	97.4	98.3	99.2	99.6	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1252

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	42.9	47.0	49.8	50.7	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
>=20000	19.5	49.4	54.8	59.1	61.0	61.7	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.3	62.3
>=18000	19.6	49.6	55.0	59.3	61.1	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
>=16000	19.6	49.8	55.2	59.5	61.4	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7
>=14000	20.1	50.9	56.3	60.6	62.6	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9
>=12000	21.5	53.7	59.3	64.0	66.2	67.0	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6
>=10000	22.3	57.0	63.1	68.1	70.5	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
>= 9000	22.6	57.5	63.6	68.6	70.9	71.7	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
>= 8000	23.9	62.3	69.1	74.8	77.3	78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8
>= 7000	24.4	63.6	70.7	76.7	79.4	80.1	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0
>= 6000	24.6	64.4	71.4	77.5	80.3	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9
>= 5000	24.9	65.8	73.1	79.3	82.1	83.0	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9
>= 4500	25.1	66.4	73.6	80.0	82.8	83.6	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6
>= 4000	25.2	67.5	74.9	81.3	84.4	85.2	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
>= 3500	25.5	68.2	75.6	82.1	85.3	86.1	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.1
>= 3000	26.0	70.9	78.7	85.7	89.0	89.9	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
>= 2500	26.2	72.6	80.5	87.5	90.9	92.0	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2
>= 2000	26.5	73.6	81.7	89.0	92.7	93.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1
>= 1800	26.5	73.8	81.8	89.3	92.9	94.1	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4
>= 1500	26.9	74.9	83.2	90.7	94.6	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.2	97.2
>= 1200	27.0	75.2	83.6	91.2	95.1	96.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7
>= 1000	27.0	75.4	83.8	91.6	95.5	96.6	97.8	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.5	98.5
>= 900	27.0	75.5	83.9	91.7	95.7	96.8	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.7	98.7
>= 800	27.0	75.6	84.2	92.0	95.9	97.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
>= 700	27.0	75.7	84.3	92.0	96.1	97.2	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.2	99.2
>= 600	27.0	75.8	84.3	92.1	96.2	97.3	98.5	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.3	99.3
>= 500	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.3	99.3	99.4	99.4	99.4	99.6	99.6	99.8	99.8
>= 400	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.8	99.8
>= 300	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.7	99.7	99.9	99.9
>= 200	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
>= 100	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0
>= 0	27.0	76.0	84.6	92.5	96.6	97.7	98.9	99.4	99.4	99.6	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NO. OF OBS : 1232

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1965-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	20.2	51.6	55.8	58.4	60.3	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=20000	20.8	54.9	60.0	64.1	66.3	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=18000	20.9	55.1	60.2	64.2	66.5	66.8	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=16000	20.9	55.2	60.4	64.4	66.6	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=14000	21.0	55.6	60.8	64.8	67.1	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
>=12000	21.5	57.0	62.8	66.9	69.4	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
>=10000	22.7	60.7	67.1	71.8	74.6	75.3	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
>= 9000	22.9	61.3	67.7	72.5	75.3	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 8000	23.9	65.7	72.9	78.4	81.6	82.3	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 7000	24.2	66.1	73.6	79.2	82.4	83.1	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
>= 6000	24.3	66.4	73.9	79.5	82.7	83.4	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
>= 5000	24.7	67.8	75.3	81.3	84.5	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
>= 4500	24.7	68.5	76.1	82.1	85.4	86.1	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 4000	24.7	69.3	77.1	83.3	86.7	87.4	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
>= 3500	24.9	69.5	77.3	83.6	87.0	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>= 3000	25.1	71.4	79.6	86.2	89.9	90.6	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
>= 2500	25.1	72.3	80.5	87.4	91.1	91.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
>= 2000	25.1	73.3	81.9	88.9	92.6	93.3	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 1800	25.2	73.6	82.2	89.4	93.0	93.8	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
>= 1500	25.5	74.4	83.3	90.6	94.5	95.3	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 1200	25.5	74.8	83.7	91.0	95.0	95.8	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 1000	25.5	75.2	84.1	91.5	95.6	96.6	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>= 900	25.6	75.5	84.5	91.8	96.0	97.0	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 800	25.7	75.9	84.9	92.3	96.6	97.5	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>= 700	25.8	76.1	85.2	92.6	96.9	97.8	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 600	25.8	76.1	85.4	93.0	97.3	98.2	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 500	25.8	76.1	85.5	93.2	97.5	98.6	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 400	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 300	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	25.8	76.2	85.6	93.4	97.7	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1249

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : JUL
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	19.4	45.9	50.3	53.5	55.3	55.7	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
>=20000	20.4	50.4	55.8	60.1	62.3	62.8	63.3	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5
>=18000	20.5	50.6	56.0	60.3	62.5	63.1	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=16000	20.7	50.9	56.3	60.6	62.8	63.3	63.8	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0
>=14000	21.0	51.7	57.1	61.5	63.7	64.3	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0
>=12000	22.0	53.9	59.6	64.1	66.4	67.0	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>=10000	23.0	57.3	63.5	68.4	71.1	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 9000	23.2	57.7	64.0	68.9	71.6	72.2	72.8	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0
>= 8000	23.9	61.4	68.3	73.8	76.9	77.7	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 7000	24.2	62.2	69.2	74.9	78.0	78.8	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 6000	24.4	62.7	69.7	75.4	78.6	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
>= 5000	24.8	63.9	71.0	76.9	80.2	81.0	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
>= 4500	24.9	64.4	71.6	77.5	80.8	81.7	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 4000	25.2	65.4	72.9	79.0	82.6	83.4	84.0	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
>= 3500	25.3	65.9	73.4	79.7	83.2	84.1	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
>= 3000	25.7	68.1	76.0	82.7	86.7	87.6	88.4	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
>= 2500	26.0	69.3	77.3	84.2	88.2	89.2	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 2000	26.5	70.5	78.8	85.9	90.0	91.1	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3
>= 1800	26.6	70.8	79.1	86.2	90.4	91.4	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1500	26.9	71.9	80.5	87.8	92.1	93.2	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
>= 1200	27.0	72.6	81.2	88.6	93.0	94.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5
>= 1000	27.1	73.2	82.0	89.6	94.1	95.3	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8	96.8
>= 900	27.2	73.5	82.3	90.0	94.6	95.8	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3
>= 800	27.3	73.9	82.8	90.6	95.3	96.6	97.7	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.2
>= 700	27.3	74.0	83.1	90.9	95.7	97.0	98.1	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7
>= 600	27.3	74.2	83.3	91.1	96.0	97.3	98.5	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
>= 500	27.3	74.3	83.4	91.4	96.3	97.7	98.9	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
>= 400	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>= 300	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 200	27.3	74.3	83.4	91.4	96.4	97.8	99.0	99.5	99.5	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	27.3	74.3	83.4	91.5	96.4	97.8	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0
>= 0	27.3	74.3	83.4	91.5	96.4	97.8	99.0	99.6	99.6	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 10060

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.9	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.0	6.2
NNE	.3	1.0	.5	.3	.2	.0	.0	.0	.0	.0	.0	2.4	7.9
NE	.4	1.1	.8	.7	.1	.0	.0	.0	.0	.0	.0	3.1	7.8
ENE	.6	1.4	1.1	.5	.0	.0	.1	.0	.0	.0	.0	3.6	7.3
E	1.0	2.0	1.1	.3	.0	.0	.0	.0	.0	.0	.0	4.4	5.7
ESE	.4	.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.9	5.7
SE	.4	.8	.5	.2	.0	.0	.1	.0	.0	.0	.0	2.0	6.8
SSE	1.2	1.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.0
S	4.0	4.6	1.6	.4	.1	.0	.0	.0	.0	.0	.0	10.7	4.9
SSW	1.9	4.4	3.8	1.2	.1	.0	.0	.0	.0	.0	.0	11.4	6.7
SW	1.7	5.0	5.8	1.9	.0	.0	.0	.0	.0	.0	.0	14.4	7.3
WSW	1.2	1.8	1.9	.2	.0	.0	.0	.0	.0	.0	.0	5.2	6.0
W	1.7	3.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	5.8	4.7
WNW	1.4	2.2	.9	.4	.1	.0	.0	.0	.0	.0	.0	5.0	5.5
NW	1.2	2.7	1.4	.8	.2	.0	.0	.0	.0	.0	.0	6.3	6.8
NNW	1.2	1.4	1.2	.2	.1	.0	.0	.0	.0	.0	.0	4.2	5.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	.0
ALL	19.1	34.7	23.5	7.5	.8	.0	.2	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.8	1.2	.3	.0	.0	.0	.0	.0	.0	.0	2.8	7.0
NNE	.3	.8	1.1	.9	.2	.1	.0	.0	.0	.0	.0	3.3	9.3
NE	.5	1.2	1.8	.6	.4	.0	.0	.0	.0	.0	.0	4.6	8.6
ENE	.2	1.7	.7	.5	.0	.0	.0	.0	.0	.0	.0	3.2	7.0
E	.7	1.3	1.1	.2	.0	.0	.0	.0	.0	.0	.0	3.2	6.1
ESE	.3	.5	.2	.1	.0	.1	.0	.0	.0	.0	.0	1.2	6.4
SE	.2	.4	.2	.4	.0	.0	.0	.0	.0	.0	.0	1.2	7.6
SSE	1.0	.4	.4	.2	.0	.0	.0	.0	.1	.0	.0	2.0	6.2
S	2.3	2.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	6.0	4.8
SSW	1.2	2.5	2.8	.8	.1	.0	.0	.0	.0	.0	.0	7.4	6.9
SW	1.5	4.5	4.8	1.9	.2	.0	.0	.0	.0	.0	.0	13.0	7.3
WSW	1.8	3.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	6.8	5.5
W	2.8	4.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	7.9	4.4
WNW	2.2	3.8	1.1	.2	.1	.0	.0	.0	.0	.0	.0	7.2	5.0
NW	2.2	2.9	1.8	.8	.0	.1	.0	.0	.0	.0	.0	7.8	6.0
NNW	1.6	2.2	1.2	.7	.0	.0	.0	.0	.0	.0	.0	5.8	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	16.6	.0
ALL	19.5	32.8	21.8	8.2	.8	.2	.0	.0	.1	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

WILLOW RUN BUSINESS FORMS INC.

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.8	1.2	.4	.2	.0	.0	.0	.0	.0	.0	3.4	7.0
NNE	.5	1.1	1.8	.5	.2	.0	.1	.0	.0	.0	.0	4.0	8.2
NE	.4	2.3	3.3	1.3	.0	.0	.0	.0	.0	.0	.0	7.3	7.9
ENE	.9	1.7	1.5	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.3
E	.4	2.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	3.4	5.7
ESE	.2	.7	.2	.3	.1	.0	.0	.0	.0	.0	.0	1.5	7.9
SE	.3	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
SSE	.3	.4	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.2	6.1
S	1.6	2.5	1.1	.1	.0	.0	.0	.0	.0	.0	.0	5.3	4.9
SSW	1.4	2.2	2.4	.9	.1	.0	.0	.0	.0	.0	.0	6.9	6.9
SW	1.2	4.1	4.7	1.4	.1	.0	.0	.0	.0	.0	.0	11.5	7.2
WSW	1.2	3.7	2.2	.2	.0	.0	.0	.0	.0	.0	.0	7.4	5.8
W	2.8	5.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	9.6	4.5
WNW	2.0	4.0	1.0	.4	.2	.0	.0	.0	.0	.0	.0	7.5	5.4
NW	2.3	3.7	2.5	.6	.2	.0	.0	.0	.0	.0	.0	9.2	6.1
NNW	1.6	2.8	1.9	.4	.1	.0	.0	.0	.0	.0	.0	6.8	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	8.8	.0
ALL	17.8	38.6	26.5	7.2	1.1	.0	.1	.0	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.5	2.8	1.2	.1	.0	.0	.0	.0	.0	.0	8.9	6.9
NNE	1.2	3.4	2.9	.8	.1	.2	.0	.0	.0	.0	.0	8.5	7.0
NE	1.1	2.4	2.4	.5	.0	.0	.0	.0	.0	.0	.0	6.3	6.5
ENE	.5	2.5	1.3	.3	.1	.0	.0	.0	.0	.0	.0	4.7	6.4
E	.8	2.2	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.5
ESE	.5	2.1	2.1	.2	.2	.0	.1	.0	.0	.0	.0	5.2	7.3
SE	.5	2.5	2.0	.9	.2	.0	.0	.0	.0	.0	.0	6.1	7.6
SSE	.5	1.2	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.6	6.3
S	.3	1.8	1.7	.6	.0	.0	.0	.0	.0	.0	.0	4.5	7.2
SSW	.2	1.8	2.4	.9	.0	.0	.0	.0	.0	.0	.0	5.3	7.8
SW	.7	2.5	3.7	1.4	.0	.0	.0	.0	.0	.0	.0	8.3	7.8
WSW	.7	1.7	2.5	1.2	.1	.0	.0	.0	.0	.0	.0	6.2	7.7
W	.8	2.1	1.6	.2	.2	.0	.0	.0	.0	.0	.0	4.8	6.2
WNW	1.0	2.9	1.2	.2	.1	.0	.0	.0	.0	.0	.0	5.4	5.5
NW	1.5	3.5	2.6	.8	.2	.1	.0	.0	.0	.0	.0	8.6	6.6
NNW	.5	2.6	1.5	.5	.2	.0	.0	.0	.0	.0	.0	5.2	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	5.0	.0
ALL	12.3	38.6	32.5	10.0	1.3	.2	.1	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.2	2.3	.7	.0	.0	.1	.0	.0	.0	.0	7.2	6.8
NNE	1.2	4.7	3.5	.5	.1	.0	.0	.0	.0	.0	.0	9.9	6.4
NE	1.2	3.2	2.7	.2	.0	.1	.0	.0	.0	.0	.0	7.4	6.4
ENE	.9	2.1	1.0	.2	.2	.0	.0	.0	.0	.0	.0	4.3	5.9
E	.8	2.3	1.2	.3	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
ESE	.6	3.4	2.2	1.0	.2	.1	.0	.0	.0	.0	.0	7.5	7.5
SE	.5	3.9	6.8	3.4	.6	.0	.0	.0	.0	.0	.0	15.2	8.9
SSE	.5	1.7	2.8	1.7	.0	.0	.0	.0	.0	.0	.0	6.8	8.3
S	.2	1.7	2.1	.4	.0	.0	.0	.0	.0	.0	.0	4.4	7.6
SSW	.2	1.2	1.9	1.1	.1	.0	.0	.0	.0	.0	.0	4.4	8.9
SW	.2	.7	2.4	1.3	.0	.0	.0	.0	.0	.0	.0	4.6	9.3
WSW	.1	1.1	1.6	.7	.0	.0	.0	.0	.0	.0	.0	3.5	8.4
W	.8	1.2	1.5	.3	.0	.0	.0	.0	.0	.0	.0	3.8	6.7
WNW	.5	1.5	1.5	.3	.2	.0	.0	.0	.0	.0	.0	3.9	7.2
NW	.2	1.7	1.8	1.3	.2	.1	.0	.0	.0	.0	.0	5.3	9.1
NNW	.8	1.7	1.5	.2	.1	.1	.0	.0	.0	.0	.0	4.4	6.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	.0
ALL	9.6	35.2	36.9	13.5	1.6	.3	.1	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1299

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.3	2.2	.3	.0	.1	.0	.0	.0	.0	.0	6.8	6.2
NNE	1.3	4.5	2.1	.5	.2	.0	.0	.0	.0	.0	.0	8.5	6.0
NE	1.2	3.0	1.2	.4	.0	.1	.0	.0	.0	.0	.0	5.8	6.2
ENE	.5	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	2.8	6.2
E	1.2	1.8	1.3	.3	.0	.1	.0	.0	.0	.0	.0	4.6	6.0
ESE	.8	2.0	.9	.7	.1	.0	.1	.0	.0	.0	.0	4.6	6.9
SE	1.1	4.7	6.5	4.2	.2	.0	.0	.0	.0	.0	.0	16.8	8.5
SSE	.7	3.2	5.8	4.0	.1	.0	.0	.0	.0	.0	.0	13.8	8.9
S	.5	2.6	2.7	.6	.1	.0	.0	.0	.0	.0	.0	6.5	7.2
SSW	.1	1.2	2.5	.8	.0	.0	.0	.0	.0	.0	.0	4.7	8.4
SW	.1	.8	2.8	.8	.2	.1	.0	.0	.0	.0	.0	4.7	9.0
WSW	.1	1.2	1.2	.3	.0	.0	.0	.0	.0	.0	.0	2.8	7.5
W	.3	1.2	1.4	.3	.0	.0	.0	.0	.0	.0	.0	3.2	6.9
WNW	.4	.8	.9	.4	.1	.0	.0	.0	.0	.0	.0	2.6	7.6
NW	.4	1.6	2.1	.6	.1	.1	.0	.0	.0	.0	.0	4.8	8.1
NNW	.8	1.7	1.0	.2	.0	.0	.0	.0	.0	.0	.0	3.8	5.8
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	.0
ALL	10.3	34.9	35.5	14.8	.9	.4	.1	.0	.0	.0	.0	100.0	7.2

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.2	1.7	1.2	.3	.0	.0	.0	.0	.0	.0	.0	5.4	5.1
NNE	1.2	1.3	.6	.2	.1	.0	.0	.0	.0	.0	.0	3.5	5.3
NE	.2	1.0	.7	.3	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
ENE	.6	.7	.8	.2	.1	.1	.0	.0	.0	.0	.0	2.4	7.3
E	.4	1.5	2.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.8	8.1
ESE	.5	1.2	.6	.8	.1	.0	.1	.0	.0	.0	.0	3.2	8.3
SE	.8	1.5	1.3	.7	.1	.0	.0	.0	.0	.0	.0	4.3	7.3
SSE	1.2	5.2	4.1	.5	.1	.0	.0	.0	.0	.0	.0	11.1	6.2
S	5.8	12.3	6.6	.6	.0	.0	.0	.0	.0	.0	.0	25.3	5.4
SSW	1.3	3.7	1.8	.2	.0	.0	.0	.0	.0	.0	.0	7.1	5.6
SW	.6	2.4	1.1	.2	.1	.0	.0	.0	.0	.0	.0	4.3	6.2
WSW	.5	1.6	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.8	5.9
W	.8	1.8	.7	.2	.0	.0	.0	.0	.0	.0	.0	3.4	5.3
WNW	.7	.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.1	5.6
NW	.8	.9	.8	.1	.0	.1	.0	.0	.0	.0	.0	2.6	5.9
NNW	1.5	1.0	.7	.4	.1	.0	.0	.0	.0	.0	.0	3.6	5.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0
ALL	19.0	38.5	24.0	5.9	.5	.2	.1	.0	.0	.0	.0	100.0	5.3

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	.5	.5	.4	.1	.0	.0	.0	.0	.0	.0	2.1	7.1
NNE	.4	.7	.4	.3	.1	.0	.0	.0	.0	.0	.0	1.8	7.4
NE	.5	1.4	1.0	.4	.0	.0	.0	.0	.0	.0	.0	3.3	6.6
ENE	.5	.8	.8	.7	.0	.1	.0	.0	.0	.0	.0	2.9	7.8
E	.6	1.8	2.3	.5	.0	.0	.0	.0	.0	.0	.0	5.2	7.0
ESE	.2	1.2	1.2	.5	.0	.0	.1	.0	.0	.0	.0	3.0	8.2
SE	.6	1.6	2.2	.3	.1	.1	.1	.0	.0	.0	.0	5.0	7.7
SSE	1.0	2.7	.9	.2	.0	.0	.0	.0	.0	.0	.0	4.8	5.4
S	5.1	9.1	5.2	.8	.0	.0	.0	.0	.0	.0	.0	20.2	5.4
SSW	1.8	5.2	3.2	.8	.1	.0	.0	.0	.0	.0	.0	11.1	6.2
SW	1.3	4.8	3.5	.8	.0	.0	.0	.0	.0	.0	.0	10.4	6.5
WSW	.8	1.3	1.0	.2	.0	.0	.0	.0	.0	.0	.0	3.4	6.1
W	1.0	1.7	.8	.0	.1	.0	.0	.0	.0	.0	.0	3.6	5.3
WNW	1.1	1.3	.7	.2	.2	.0	.0	.0	.0	.0	.0	3.5	5.9
NW	1.0	1.2	.6	.5	.0	.0	.0	.0	.0	.0	.0	3.3	5.8
NNW	1.5	.9	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.6	5.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	.0
ALL	18.1	36.2	25.3	6.9	.5	.2	.2	.0	.0	.0	.0	100.0	5.4

TOTAL NO. OF OBS : 1299

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.8	1.5	.5	.0*	.0*	.0*	.0	.0	.0	.0	4.8	6.5
NNE	.8	2.2	1.6	.5	.1	.0*	.0*	.0	.0	.0	.0	5.3	6.9
NE	.7	2.0	1.8	.5	.1	.0*	.0	.0	.0	.0	.0	5.0	7.1
ENE	.6	1.5	1.0	.4	.0*	.0*	.0*	.0	.0	.0	.0	3.6	6.7
E	.7	1.9	1.3	.3	.0*	.0*	.0	.0	.0	.0	.0	4.3	6.3
ESE	.4	1.5	1.0	.5	.1	.0*	.0*	.0	.0	.0	.0	3.5	7.4
SE	.5	2.0	2.5	1.3	.2	.0*	.0*	.0	.0	.0	.0	6.5	8.2
SSE	.8	2.0	2.0	.9	.0*	.0	.0	.0	.0*	.0	.0	5.7	7.2
S	2.5	4.7	2.8	.5	.0*	.0	.0	.0	.0	.0	.0	10.3	5.6
SSW	1.0	2.8	2.6	.8	.0*	.0	.0	.0	.0	.0	.0	7.3	6.9
SW	.9	3.1	3.6	1.2	.1	.0*	.0	.0	.0	.0	.0	8.9	7.4
WSW	.8	2.0	1.6	.4	.0*	.0	.0	.0	.0	.0	.0	4.8	6.5
W	1.4	2.6	1.1	.2	.0*	.0	.0	.0	.0	.0	.0	5.3	5.2
WNW	1.1	2.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	4.7	5.8
NW	1.2	2.3	1.7	.7	.1	.0*	.0	.0	.0	.0	.0	6.0	6.8
NNW	1.2	1.8	1.3	.4	.1	.0*	.0	.0	.0	.0	.0	4.7	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	9.4	.0
ALL	15.7	36.2	28.2	9.2	1.0	.2	.1	.0	.0*	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 10398

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	14.8	49.1	55.0	59.0	61.7	61.9	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
>=20000	15.0	51.1	57.9	62.8	66.1	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=18000	15.0	51.3	58.1	63.0	66.3	66.8	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=16000	15.1	51.3	58.1	63.1	66.4	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>=14000	15.3	51.9	58.7	63.6	66.9	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=12000	15.7	53.6	60.6	65.5	68.9	69.4	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=10000	16.6	58.0	65.6	71.1	74.8	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 9000	16.7	58.5	66.3	71.8	75.5	75.9	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 8000	17.2	62.3	70.6	76.7	80.3	80.8	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>= 7000	17.4	63.1	71.6	77.6	81.3	81.7	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
>= 6000	17.6	63.6	72.1	78.1	81.7	82.2	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 5000	18.0	64.7	73.6	79.7	83.4	83.9	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 4500	18.1	65.2	74.2	80.4	84.2	84.7	85.4	85.5	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6
>= 4000	18.3	65.9	74.9	81.3	85.1	85.7	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
>= 3500	18.7	66.6	75.8	82.1	86.1	86.6	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5
>= 3000	18.8	68.0	78.0	84.7	88.9	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
>= 2500	18.8	68.5	78.6	85.6	89.8	90.3	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
>= 2000	18.9	69.2	79.5	86.5	90.8	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
>= 1800	18.9	69.5	79.7	86.8	91.1	91.7	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7
>= 1500	19.0	70.1	80.5	87.7	92.1	92.8	93.8	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.1
>= 1200	19.1	71.0	81.6	88.8	93.3	94.0	95.0	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3
>= 1000	19.2	71.7	82.4	89.7	94.1	94.9	95.9	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
>= 900	19.3	71.9	82.8	90.2	94.8	95.5	96.7	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
>= 800	19.3	72.2	83.1	90.5	95.1	95.8	97.0	97.2	97.2	97.2	97.2	97.2	97.4	97.4	97.4	97.4
>= 700	19.3	72.4	83.4	91.0	95.6	96.4	97.7	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
>= 600	19.3	72.8	83.9	91.7	96.4	97.2	98.6	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0
>= 500	19.3	72.9	84.0	91.9	96.7	97.5	98.9	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
>= 400	19.3	72.9	84.1	91.9	96.9	97.7	99.2	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
>= 300	19.3	72.9	84.2	92.0	97.0	97.8	99.3	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
>= 100	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
>= 0	19.3	72.9	84.3	92.1	97.1	97.9	99.4	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1264

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	12.3	46.4	52.5	58.2	61.4	61.7	62.2	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8	62.9
>=20000	12.3	48.0	54.7	61.1	65.0	65.4	66.1	66.5	66.5	66.6	66.6	66.6	66.7	66.7	66.8	66.9
>=18000	12.4	48.1	54.9	61.3	65.1	65.5	66.2	66.6	66.6	66.7	66.8	66.8	66.9	66.9	67.0	67.0
>=16000	12.5	48.2	54.9	61.3	65.2	65.6	66.3	66.7	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1
>=14000	12.7	48.9	55.7	62.1	66.0	66.4	67.1	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.8	67.9
>=12000	13.1	50.1	57.2	63.8	67.7	68.1	68.9	69.2	69.2	69.3	69.4	69.4	69.5	69.5	69.6	69.6
>=10000	13.4	53.1	60.6	67.4	71.7	72.2	72.9	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.6	73.7
>= 9000	13.4	53.7	61.1	68.1	72.3	72.8	73.5	73.9	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.3
>= 8000	14.2	57.4	65.5	72.9	77.3	77.8	78.6	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.3	79.4
>= 7000	14.3	58.3	66.4	73.8	78.2	78.7	79.4	79.8	79.8	79.9	80.0	80.0	80.1	80.1	80.2	80.2
>= 6000	14.5	59.1	67.3	74.6	79.1	79.5	80.3	80.7	80.7	80.8	80.9	80.9	80.9	80.9	81.0	81.1
>= 5000	14.8	60.3	68.6	76.0	80.4	80.9	81.7	82.1	82.1	82.1	82.2	82.2	82.3	82.3	82.4	82.5
>= 4500	14.9	60.5	68.8	76.2	80.7	81.2	82.0	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.7	82.8
>= 4000	15.1	61.8	70.4	77.9	82.5	83.0	83.8	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.5	84.6
>= 3500	15.3	62.5	71.2	78.8	83.4	84.0	84.7	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.5	85.5
>= 3000	15.3	64.3	73.4	81.0	85.8	86.4	87.2	87.6	87.6	87.7	87.7	87.7	87.8	87.8	87.9	88.0
>= 2500	15.4	64.7	73.8	81.5	86.4	87.0	87.7	88.1	88.1	88.2	88.3	88.3	88.4	88.4	88.5	88.5
>= 2000	15.8	65.9	75.2	83.1	88.3	88.9	89.7	90.1	90.1	90.2	90.3	90.3	90.4	90.4	90.4	90.5
>= 1800	15.8	66.2	75.5	83.5	88.8	89.3	90.2	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.9	91.0
>= 1500	16.0	66.8	76.4	84.5	90.0	90.6	91.5	91.9	91.9	91.9	92.0	92.0	92.1	92.1	92.2	92.3
>= 1200	16.2	67.2	77.1	85.5	91.3	92.0	92.9	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.8
>= 1000	16.2	68.2	78.3	86.9	92.7	93.4	94.4	94.9	94.9	95.0	95.1	95.1	95.2	95.2	95.3	95.3
>= 900	16.2	68.5	78.7	87.4	93.4	94.1	95.1	95.6	95.6	95.7	95.8	95.8	95.9	95.9	96.0	96.0
>= 800	16.4	69.2	79.4	88.1	94.2	95.0	96.0	96.5	96.5	96.7	96.8	96.8	96.8	96.8	96.9	97.0
>= 700	16.4	69.4	79.7	88.6	94.7	95.6	96.6	97.1	97.1	97.2	97.3	97.3	97.4	97.4	97.5	97.5
>= 600	16.4	69.7	80.2	89.3	95.7	96.5	97.6	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.6	98.7
>= 500	16.4	69.9	80.4	89.6	96.0	96.9	98.0	98.6	98.6	98.7	98.9	98.9	99.0	99.0	99.1	99.1
>= 400	16.4	70.0	80.6	89.8	96.2	97.2	98.3	99.0	99.0	99.1	99.3	99.3	99.4	99.4	99.5	99.6
>= 300	16.4	70.0	80.7	90.0	96.4	97.4	98.7	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.9
>= 200	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0
>= 100	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0
>= 0	16.4	70.0	80.8	90.0	96.4	97.5	98.7	99.4	99.4	99.5	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	13.2	36.7	42.6	47.1	51.0	52.3	53.8	53.9	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3
>=20000	13.7	39.7	46.4	51.5	55.8	57.4	59.2	59.4	59.5	59.6	59.8	59.8	59.8	59.8	59.8	59.8
>=18000	13.7	39.9	46.6	51.6	55.9	57.5	59.3	59.6	59.6	59.8	60.0	60.0	60.0	60.0	60.0	60.0
>=16000	13.8	40.0	46.7	51.8	56.1	57.7	59.5	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.1
>=14000	14.5	41.2	48.1	53.2	57.6	59.2	61.1	61.3	61.4	61.5	61.8	61.8	61.8	61.8	61.8	61.8
>=12000	14.9	42.6	49.6	55.0	59.4	61.1	62.9	63.2	63.3	63.4	63.7	63.7	63.7	63.7	63.7	63.7
>=10000	16.3	47.0	54.5	60.3	65.1	67.0	69.2	69.5	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9
>= 9000	16.4	47.5	55.0	60.9	65.7	67.7	69.9	70.1	70.2	70.3	70.6	70.6	70.6	70.6	70.6	70.6
>= 8000	17.1	51.5	60.1	67.1	72.2	74.4	77.1	77.4	77.5	77.7	77.9	77.9	77.9	77.9	77.9	77.9
>= 7000	17.3	52.2	61.0	68.0	73.2	75.4	78.0	78.4	78.4	78.6	78.8	78.8	78.8	78.8	78.8	78.8
>= 6000	17.8	53.2	62.1	69.2	74.4	76.6	79.2	79.5	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0
>= 5000	17.9	53.9	62.9	70.1	75.5	77.7	80.4	80.7	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2
>= 4500	18.2	54.1	63.3	70.5	76.2	78.4	81.0	81.4	81.4	81.6	81.8	81.8	81.8	81.8	81.8	81.8
>= 4000	18.4	54.9	64.1	71.4	77.2	79.5	82.1	82.5	82.5	82.7	82.9	82.9	82.9	82.9	82.9	82.9
>= 3500	18.4	55.1	64.3	71.7	77.5	79.8	82.5	82.8	82.9	83.1	83.3	83.3	83.3	83.3	83.3	83.3
>= 3000	18.5	55.9	65.5	73.5	79.4	81.9	84.6	85.0	85.1	85.2	85.4	85.4	85.4	85.4	85.4	85.4
>= 2500	18.7	56.5	66.2	74.4	80.3	82.9	85.6	86.0	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5
>= 2000	18.7	57.0	67.0	75.3	81.4	83.9	86.6	87.0	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5
>= 1800	18.7	57.1	67.2	75.5	81.5	84.1	86.8	87.2	87.3	87.4	87.6	87.6	87.6	87.6	87.6	87.6
>= 1500	19.0	58.5	68.7	77.3	83.5	86.1	88.8	89.2	89.3	89.5	89.7	89.7	89.7	89.7	89.7	89.7
>= 1200	19.2	59.2	69.6	78.4	84.7	87.3	90.2	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1
>= 1000	19.4	60.3	71.1	80.1	86.8	89.6	92.7	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	19.4	60.5	71.3	80.3	87.1	89.9	93.0	93.4	93.5	93.7	93.9	93.9	94.0	94.0	94.0	94.0
>= 800	19.4	61.4	72.6	82.1	89.1	92.1	95.2	95.7	95.8	96.1	96.3	96.3	96.4	96.4	96.4	96.4
>= 700	19.4	61.8	73.1	82.7	89.7	92.7	95.8	96.3	96.4	96.7	96.9	96.9	97.0	97.0	97.0	97.0
>= 600	19.4	62.2	73.6	83.3	90.6	93.6	96.8	97.2	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0
>= 500	19.5	62.6	74.3	84.0	91.5	94.6	97.9	98.3	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2
>= 400	19.6	62.7	74.5	84.3	91.8	95.0	98.3	98.7	98.8	99.2	99.5	99.5	99.6	99.6	99.6	99.6
>= 300	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.8	99.8	99.8	99.8
>= 200	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	19.6	62.7	74.6	84.5	92.0	95.1	98.4	99.0	99.1	99.4	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1271

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	17.7	42.9	47.8	51.9	54.0	54.5	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
>=20000	18.6	47.3	53.0	58.1	60.6	61.3	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=18000	18.7	47.4	53.2	58.3	60.8	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
>=16000	18.8	47.5	53.3	58.3	60.9	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	19.4	48.4	54.2	59.3	61.8	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=12000	19.8	49.5	55.6	60.7	63.2	63.9	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
>=10000	21.1	53.0	59.6	65.0	68.1	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>= 9000	21.2	53.6	60.2	65.6	68.8	69.4	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
>= 8000	21.9	56.4	63.6	69.2	72.8	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 7000	22.1	57.0	64.2	69.9	73.4	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
>= 6000	22.4	57.4	64.7	70.4	73.9	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 5000	22.5	58.3	65.5	71.4	74.9	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>= 4500	22.6	58.5	65.8	71.9	75.4	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
>= 4000	22.7	59.2	66.6	72.7	76.4	77.4	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
>= 3500	22.8	59.6	67.1	73.3	77.1	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 3000	23.1	61.5	69.2	75.8	79.8	81.0	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
>= 2500	23.6	62.5	70.5	77.1	81.2	82.5	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
>= 2000	24.3	64.8	72.9	79.8	84.0	85.3	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 1800	24.3	65.4	73.7	80.7	84.9	86.2	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 1500	24.7	67.0	75.9	83.2	87.7	89.3	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1200	25.4	68.9	78.2	85.6	90.4	92.0	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1000	25.5	70.8	80.3	88.1	93.0	94.7	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 900	25.6	71.3	80.8	88.7	93.9	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
>= 800	25.8	72.1	81.7	89.9	95.3	97.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 700	25.8	72.2	82.0	90.1	95.8	97.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 600	25.8	72.3	82.1	90.4	96.1	98.0	99.1	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
>= 500	25.8	72.4	82.2	90.5	96.4	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 400	25.8	72.5	82.3	90.6	96.5	98.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 300	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 200	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	25.8	72.5	82.3	90.6	96.5	98.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1265

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	18.8	42.1	47.4	50.8	53.0	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>=20000	20.0	47.5	53.6	58.0	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	20.0	47.5	53.6	58.0	60.8	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=16000	20.3	47.8	54.0	58.3	61.1	61.4	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
>=14000	20.8	48.8	55.1	59.5	62.4	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=12000	21.5	50.5	57.2	61.8	64.6	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=10000	22.5	53.3	60.5	65.5	68.6	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
>= 9000	22.5	53.6	60.8	65.8	68.9	69.1	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
>= 8000	23.5	56.4	64.0	69.4	72.9	73.3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
>= 7000	23.6	57.2	64.8	70.3	73.8	74.2	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
>= 6000	24.0	57.9	65.4	70.9	74.5	74.9	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
>= 5000	24.4	58.7	66.4	72.0	75.5	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
>= 4500	24.6	59.0	66.8	72.4	75.9	76.3	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
>= 4000	24.9	60.0	67.8	73.6	77.2	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
>= 3500	25.5	61.0	69.0	74.8	78.4	78.9	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
>= 3000	26.3	64.6	73.3	79.6	83.5	84.2	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 2500	27.3	67.2	76.0	82.5	86.5	87.2	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
>= 2000	28.3	70.1	79.2	86.1	90.3	91.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 1800	28.3	70.3	79.6	86.5	90.7	91.6	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1500	28.7	71.7	81.3	88.3	92.7	93.6	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
>= 1200	29.0	72.8	82.8	90.0	94.4	95.3	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 1000	29.1	73.5	83.7	91.1	95.5	96.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
>= 900	29.1	73.7	84.0	91.4	95.8	96.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
>= 800	29.1	74.1	84.4	92.0	96.6	97.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 700	29.2	74.2	84.6	92.2	97.0	97.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
>= 600	29.2	74.3	84.7	92.3	97.2	98.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
>= 500	29.2	74.3	84.8	92.4	97.4	98.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 400	29.2	74.3	84.8	92.4	97.4	98.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
>= 300	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	29.2	74.3	84.8	92.5	97.4	98.4	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1253

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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	19.5	44.8	50.8	54.2	56.6	57.3	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=20000	20.4	48.9	55.6	60.1	63.2	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=18000	20.4	49.0	55.7	60.1	63.3	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=16000	20.7	49.2	55.9	60.4	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=14000	21.4	50.7	57.5	62.1	65.2	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=12000	22.4	52.7	59.9	64.4	67.7	68.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
>=10000	23.3	55.4	63.1	67.7	71.3	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 9000	23.3	55.6	63.2	67.9	71.4	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 8000	24.3	59.4	67.5	72.7	76.5	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 7000	24.6	60.0	68.1	73.5	77.3	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 6000	24.8	60.8	69.0	74.4	78.3	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
>= 5000	25.0	61.3	69.6	75.0	79.1	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
>= 4500	25.1	61.8	70.1	75.5	79.6	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
>= 4000	25.3	62.9	71.5	77.0	81.2	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 3500	25.5	63.6	72.2	77.7	81.9	82.9	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 3000	26.4	67.5	77.2	83.6	88.3	89.3	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 2500	27.0	69.0	79.0	85.9	90.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 2000	27.5	70.8	81.1	88.1	93.2	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1800	27.5	70.8	81.2	88.1	93.3	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>= 1500	27.6	71.4	81.9	89.0	94.3	95.5	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 1200	27.7	71.7	82.3	89.6	94.8	96.0	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 1000	27.7	72.2	82.8	90.4	95.6	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
>= 900	27.7	72.3	82.9	90.6	96.0	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
>= 800	27.7	72.7	83.3	91.0	96.4	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
>= 700	27.7	72.7	83.3	91.1	96.5	97.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
>= 600	27.7	72.9	83.5	91.3	96.8	98.1	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
>= 500	27.7	72.9	83.6	91.4	96.9	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 400	27.7	72.9	83.6	91.4	96.9	98.2	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
>= 300	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	27.7	72.9	83.6	91.5	97.0	98.2	99.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1257

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	15.8	42.4	46.7	50.3	53.3	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=20000	16.4	48.3	54.1	58.4	62.0	62.4	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
>=18000	16.6	48.5	54.4	58.7	62.3	62.7	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=16000	16.8	49.1	55.0	59.3	62.9	63.3	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>=14000	17.1	49.8	55.8	60.1	63.7	64.1	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
>=12000	18.1	52.3	58.4	62.8	66.4	66.8	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=10000	19.5	56.8	63.7	68.5	72.4	72.9	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
>= 9000	19.5	57.1	64.2	68.9	72.9	73.3	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 8000	20.1	60.6	68.7	73.8	78.0	78.5	79.1	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 7000	20.3	61.4	69.8	75.1	79.3	79.7	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 6000	20.6	61.8	70.3	75.6	79.7	80.2	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
>= 5000	20.9	62.8	71.3	76.6	80.9	81.4	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
>= 4500	21.0	63.3	71.9	77.3	81.6	82.1	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 4000	21.0	64.1	72.9	78.5	83.1	83.8	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 3500	21.3	64.9	73.7	79.3	83.9	84.6	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 3000	21.8	67.8	77.0	83.2	88.0	88.7	89.4	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 2500	21.9	68.8	78.0	84.4	89.3	90.1	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4
>= 2000	22.3	70.5	79.8	86.4	91.8	92.6	93.5	93.8	93.8	94.0	94.0	94.0	94.1	94.1	94.1	94.1
>= 1800	22.5	71.1	80.4	86.9	92.4	93.2	94.2	94.4	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
>= 1500	22.8	72.1	81.6	88.4	93.8	94.7	95.7	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
>= 1200	22.8	72.2	81.9	88.8	94.2	95.1	96.2	96.4	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7
>= 1000	22.8	72.5	82.3	89.2	94.9	95.8	96.9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
>= 900	22.8	72.7	82.7	89.7	95.5	96.5	97.5	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2
>= 800	22.9	72.9	83.1	90.1	96.0	97.0	98.1	98.3	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7
>= 700	22.9	73.0	83.3	90.2	96.2	97.2	98.4	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
>= 600	22.9	73.2	83.4	90.4	96.3	97.4	98.6	98.8	98.8	99.1	99.1	99.1	99.2	99.2	99.2	99.2
>= 500	22.9	73.3	83.5	90.6	96.6	97.6	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
>= 400	22.9	73.3	83.5	90.6	96.6	97.6	99.1	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
>= 300	22.9	73.3	83.5	90.6	96.6	97.6	99.1	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	22.9	73.3	83.5	90.6	96.6	97.7	99.2	99.5	99.5	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1249

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	16.2	49.5	54.8	58.1	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
>=20000	16.6	53.3	59.2	63.3	66.6	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>=18000	16.6	53.4	59.3	63.4	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
>=16000	16.6	53.4	59.4	63.4	66.7	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=14000	16.7	54.0	60.1	64.2	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=12000	17.4	55.5	61.9	66.1	69.4	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
>=10000	18.6	59.8	66.8	71.6	75.0	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 9000	18.8	60.5	67.7	72.5	75.9	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
>= 8000	19.0	63.6	71.8	77.0	80.6	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
>= 7000	19.3	64.3	72.6	77.8	81.5	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>= 6000	19.7	65.0	73.4	78.6	82.3	82.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
>= 5000	19.8	66.4	74.8	80.2	83.8	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
>= 4500	20.0	66.9	75.4	80.8	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
>= 4000	20.2	67.6	76.2	81.8	85.4	86.0	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
>= 3500	20.3	68.2	76.8	82.6	86.2	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
>= 3000	20.7	70.3	79.7	85.6	89.6	90.2	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>= 2500	20.7	71.2	81.0	87.0	91.1	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 2000	20.7	72.2	82.0	88.6	92.9	93.4	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 1800	20.8	72.4	82.3	89.0	93.2	93.8	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
>= 1500	20.9	73.0	83.4	90.2	94.5	95.1	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
>= 1200	20.9	73.7	84.0	90.9	95.3	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 1000	20.9	74.3	84.7	91.8	96.2	96.9	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 900	21.0	74.5	85.2	92.2	96.6	97.4	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
>= 800	21.0	74.7	85.4	92.5	96.9	97.7	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 700	21.0	74.7	85.5	92.6	97.1	97.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
>= 600	21.0	74.7	85.5	92.6	97.2	98.2	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
>= 500	21.0	74.9	85.9	93.1	97.8	98.8	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
>= 400	21.0	74.9	86.0	93.2	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8
>= 300	21.0	75.0	86.1	93.3	98.0	99.0	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>= 200	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 100	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
>= 0	21.0	75.0	86.1	93.3	98.0	99.0	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1250

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : AUG
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	16.0	44.2	49.7	53.7	56.5	56.9	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
>=20000	16.6	48.0	54.3	59.2	62.5	63.1	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9
>=18000	16.7	48.1	54.4	59.3	62.6	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
>=16000	16.8	48.3	54.7	59.5	62.9	63.5	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
>=14000	17.2	49.2	55.6	60.5	63.9	64.5	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>=12000	17.8	50.8	57.6	62.5	65.9	66.5	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4
>=10000	18.9	54.6	61.8	67.1	70.9	71.6	72.3	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
>= 9000	19.0	55.0	62.3	67.7	71.4	72.1	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1
>= 8000	19.7	58.4	66.5	72.3	76.3	77.1	77.9	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2
>= 7000	19.9	59.2	67.3	73.2	77.2	78.0	78.8	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1
>= 6000	20.2	59.8	68.0	74.0	78.0	78.8	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
>= 5000	20.4	60.8	69.1	75.1	79.2	80.0	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
>= 4500	20.5	61.1	69.5	75.6	79.7	80.6	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6
>= 4000	20.7	62.1	70.5	76.8	81.0	81.9	82.7	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
>= 3500	21.0	62.7	71.3	77.5	81.8	82.7	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
>= 3000	21.3	65.0	74.1	80.9	85.4	86.4	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
>= 2500	21.7	66.0	75.4	82.3	86.9	87.9	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
>= 2000	22.1	67.6	77.1	84.2	89.1	90.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5
>= 1800	22.1	67.8	77.4	84.6	89.5	90.5	91.5	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9
>= 1500	22.3	68.8	78.7	86.1	91.1	92.2	93.3	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6
>= 1200	22.5	69.6	79.6	87.2	92.3	93.4	94.5	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
>= 1000	22.6	70.4	80.7	88.4	93.6	94.8	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
>= 900	22.6	70.7	81.0	88.8	94.1	95.4	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
>= 800	22.7	71.2	81.6	89.5	94.9	96.2	97.5	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
>= 700	22.7	71.3	81.8	89.8	95.3	96.6	98.0	98.2	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
>= 600	22.7	71.5	82.1	90.2	95.8	97.1	98.5	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0
>= 500	22.7	71.6	82.3	90.4	96.1	97.5	98.9	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>= 400	22.7	71.6	82.4	90.5	96.3	97.7	99.1	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8
>= 300	22.7	71.7	82.5	90.6	96.3	97.7	99.2	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
>= 200	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 100	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	22.7	71.7	82.5	90.6	96.4	97.8	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 10074

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.9	1.2	.4	.2	.2	.0	.0	.0	.0	.0	3.7	8.1
NNE	.4	1.4	1.2	.9	.6	.0	.0	.0	.0	.0	.0	4.4	8.9
NE	.6	1.7	3.0	1.5	.4	.0	.1	.0	.0	.0	.0	7.3	9.3
ENE	.3	1.4	1.7	.6	.0	.0	.0	.1	.0	.0	.0	4.0	7.8
E	1.0	2.0	.9	.5	.0	.0	.0	.0	.0	.0	.0	4.4	5.9
ESE	.4	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	.0	2.6	6.6
SE	.4	1.1	1.0	.5	.0	.0	.1	.0	.0	.0	.0	3.0	7.9
SSE	1.0	1.1	1.0	.1	.0	.0	.0	.0	.0	.0	.0	3.1	5.3
S	1.9	3.8	1.5	.4	.2	.0	.0	.0	.0	.0	.0	7.8	5.5
SSW	1.7	4.0	3.9	1.1	.1	.0	.0	.0	.0	.0	.0	10.8	6.9
SW	1.4	3.2	3.4	1.6	.0	.0	.0	.0	.0	.0	.0	9.6	7.3
WSW	.9	1.7	1.6	.3	.0	.0	.0	.0	.0	.0	.0	4.4	6.1
W	2.3	2.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	5.6	4.6
WNW	1.6	1.7	1.3	.7	.0	.0	.0	.0	.0	.0	.0	5.2	6.2
NW	1.3	1.7	1.4	.7	.1	.2	.0	.0	.0	.0	.0	5.4	6.9
NNW	1.4	1.7	1.4	1.0	.3	.1	.0	.0	.0	.0	.0	6.0	7.5
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	12.5	.0
ALL	17.4	30.5	26.6	10.6	1.8	.4	.2	.1	.0	.0	.0	100.0	6.1

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.8	1.1	.5	.1	.1	.0	.0	.0	.0	.0	2.9	8.3
NNE	.3	.9	2.5	1.3	.6	.2	.0	.0	.0	.0	.0	5.7	10.3
NE	1.1	2.3	3.4	2.1	.6	.1	.1	.0	.0	.0	.0	9.7	9.0
ENE	.7	1.8	1.3	.3	.1	.0	.0	.0	.0	.0	.0	4.2	6.5
E	.9	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	.0	4.3	5.8
ESE	.2	.6	.7	.1	.0	.0	.1	.0	.0	.0	.0	1.7	7.7
SE	.6	.7	.5	.4	.1	.0	.0	.0	.0	.0	.0	2.3	7.2
SSE	.3	.6	.9	.1	.0	.0	.0	.0	.0	.0	.0	1.8	6.5
S	1.1	1.5	1.2	.2	.0	.0	.0	.0	.0	.0	.0	4.1	5.8
SSW	.9	2.5	2.9	1.0	.2	.0	.0	.0	.0	.0	.0	7.5	7.7
SW	1.1	3.4	3.2	.8	.0	.1	.0	.0	.0	.0	.0	8.6	6.9
WSW	1.2	1.9	1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.7	5.8
W	2.6	3.2	1.4	.2	.0	.0	.0	.0	.0	.0	.0	7.4	4.6
WNW	1.9	3.3	.9	.5	.1	.0	.0	.0	.0	.0	.0	6.6	5.3
NW	2.2	2.7	2.1	.7	.2	.1	.1	.0	.0	.0	.0	8.0	6.5
NNW	1.1	1.9	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	5.7	7.5
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	14.7	.0
ALL	16.8	30.3	25.8	9.7	2.1	.5	.2	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.0	1.3	.7	.0	.0	.1	.0	.0	.0	.0	4.1	7.4
NNE	.2	1.8	2.4	1.5	.3	.2	.0	.0	.0	.0	.0	6.4	9.4
NE	.3	3.3	4.3	2.1	.5	.1	.0	.0	.0	.0	.0	10.6	8.8
ENE	1.1	2.4	1.7	.9	.0	.0	.0	.0	.0	.0	.0	6.0	6.6
E	.6	1.7	1.5	.3	.0	.0	.0	.0	.0	.0	.0	4.1	6.5
ESE	.4	.3	.6	.2	.0	.1	.0	.0	.0	.0	.0	1.6	7.7
SE	.2	.2	.9	.6	.1	.0	.0	.0	.0	.0	.0	2.0	9.5
SSE	.2	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.3	7.5
S	.8	1.6	1.4	.3	.0	.0	.0	.0	.0	.0	.0	4.1	6.7
SSW	1.5	2.3	1.6	.8	.1	.0	.0	.0	.0	.0	.0	6.3	6.3
SW	1.1	3.3	2.8	1.4	.2	.1	.0	.0	.0	.0	.0	8.8	7.5
WSW	1.3	2.4	1.7	.2	.1	.0	.0	.0	.0	.0	.0	5.6	5.9
W	2.1	3.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	6.4	4.7
WNW	2.1	2.5	1.3	.3	.1	.0	.0	.0	.0	.0	.0	6.3	5.4
NW	1.6	2.7	1.8	.9	.4	.1	.2	.0	.0	.0	.0	7.6	7.5
NNW	1.3	2.4	2.3	.7	.4	.0	.2	.0	.0	.0	.0	7.3	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	11.3	.0
ALL	15.9	31.7	26.7	11.5	2.1	.5	.4	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.7	3.1	1.9	.4	.1	.0	.0	.0	.0	.0	9.0	8.3
NNE	1.2	4.1	3.7	1.3	.2	.0	.0	.0	.0	.0	.0	10.4	7.2
NE	.7	3.9	3.4	1.5	.2	.2	.0	.0	.0	.0	.0	9.9	7.9
ENE	.3	1.7	2.3	.6	.2	.0	.0	.0	.0	.0	.0	5.2	7.6
E	.7	3.2	1.9	.5	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
ESE	.6	2.1	1.5	.6	.0	.0	.0	.0	.0	.0	.0	4.8	6.7
SE	.6	1.7	2.1	1.7	.1	.0	.0	.0	.0	.0	.0	6.1	8.5
SSE	.2	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.9
S	.3	.7	1.6	.5	.2	.0	.0	.0	.0	.0	.0	3.3	8.2
SSW	.2	1.5	2.5	1.0	.0	.0	.0	.0	.0	.0	.0	5.2	8.2
SW	.3	3.0	3.2	1.3	.2	.1	.0	.0	.0	.0	.0	8.1	8.2
WSW	.3	1.7	2.1	.8	.1	.0	.0	.0	.0	.0	.0	5.0	7.7
W	.7	1.7	1.0	.3	.0	.0	.0	.0	.0	.0	.0	3.7	6.2
WNW	.7	2.1	2.1	.5	.1	.0	.0	.0	.0	.0	.0	5.6	6.8
NW	.6	2.5	1.7	1.3	.4	.2	.1	.0	.0	.0	.0	6.7	8.6
NNW	.6	1.8	1.7	.7	.2	.2	.0	.0	.0	.0	.0	5.2	8.3
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	8.9	35.3	34.6	14.5	2.1	.8	.1	.0	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.8	4.0	3.7	1.1	.2	.0	.0	.0	.0	.0	.0	11.0	6.9
NNE	.6	4.8	4.2	1.0	.1	.0	.0	.0	.0	.0	.0	10.6	7.1
NE	.9	3.1	3.2	.4	.2	.2	.0	.0	.0	.0	.0	7.9	7.3
ENE	.5	1.7	1.9	.2	.2	.1	.0	.0	.0	.0	.0	4.5	7.4
E	1.0	1.6	1.0	.3	.2	.0	.0	.0	.0	.0	.0	4.1	6.5
ESE	.5	2.8	2.2	.6	.1	.0	.0	.0	.0	.0	.0	6.2	7.0
SE	.7	3.7	5.7	4.1	.5	.0	.0	.0	.0	.0	.0	14.7	9.0
SSE	.4	2.5	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	6.3	8.0
S	.4	1.6	2.1	1.4	.2	.0	.0	.0	.0	.0	.0	5.6	8.6
SSW	.3	1.1	1.7	1.2	.1	.0	.0	.0	.0	.0	.0	4.4	8.7
SW	.2	1.0	1.8	1.0	.2	.0	.0	.0	.0	.0	.0	4.2	9.2
WSW	.2	1.3	1.0	.6	.0	.0	.0	.0	.0	.0	.0	3.1	7.7
W	.3	.8	.8	.9	.0	.0	.0	.0	.0	.0	.0	2.8	8.2
WNW	.5	.8	.8	.5	.2	.0	.0	.0	.0	.0	.0	2.8	8.3
NW	.8	1.1	1.7	1.4	.5	.1	.1	.0	.0	.0	.0	5.7	9.6
NNW	.2	1.6	1.3	.9	.4	.0	.0	.0	.0	.0	.0	4.4	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	.0
ALL	9.3	33.4	35.3	16.7	3.3	.3	.1	.0	.0	.0	.0	100.0	7.8

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.3	2.8	3.0	1.1	.1	.1	.0	.0	.0	.0	.0	8.3	7.1
NNE	.9	4.3	2.6	.7	.2	.2	.0	.0	.0	.0	.0	8.8	7.0
NE	1.1	2.9	1.7	.7	.2	.1	.0	.0	.0	.0	.0	6.7	7.0
ENE	.6	1.4	1.2	.8	.1	.1	.1	.0	.0	.0	.0	4.3	8.0
E	.6	1.7	1.0	.7	.1	.0	.0	.0	.0	.0	.0	4.0	6.9
ESE	.7	1.3	.6	.6	.2	.0	.0	.0	.0	.0	.0	3.4	7.2
SE	.9	3.8	6.9	3.3	.3	.1	.0	.0	.0	.0	.0	15.2	8.6
SSE	.6	4.0	6.7	3.0	.4	.0	.0	.0	.0	.0	.0	14.7	8.5
S	.0	2.3	2.4	1.0	.2	.0	.0	.0	.0	.0	.0	5.9	8.3
SSW	.2	1.0	1.1	.7	.0	.0	.0	.0	.0	.0	.0	3.1	7.7
SW	.2	1.0	1.0	.6	.1	.0	.0	.0	.0	.0	.0	2.9	8.3
WSW	.3	1.7	1.0	.6	.0	.0	.0	.0	.0	.0	.0	3.6	7.0
W	.5	1.0	1.3	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.8
WNW	.3	1.0	1.0	.4	.1	.0	.0	.0	.0	.0	.0	2.7	7.1
NW	.2	1.3	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	4.1	8.7
NNW	.5	1.9	1.1	1.1	.2	.0	.1	.0	.0	.0	.0	4.8	8.5
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	4.3	.0
ALL	8.8	33.3	34.1	16.7	2.2	.5	.2	.0	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1260

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	2.1	1.3	.9	.1	.0	.0	.0	.0	.0	.0	5.7	6.6
NNE	1.1	1.4	1.2	.2	.2	.2	.1	.0	.0	.0	.0	4.3	7.3
NE	1.0	1.4	1.2	1.3	.3	.1	.0	.0	.0	.0	.0	5.2	8.4
ENE	.4	1.0	1.4	.8	.0	.0	.0	.1	.0	.0	.0	3.7	8.6
E	.5	1.5	2.9	.6	.2	.0	.0	.0	.0	.0	.0	5.6	7.9
ESE	.4	.4	.6	.7	.2	.0	.0	.0	.0	.0	.0	2.2	9.0
SE	.4	1.2	1.3	.9	.3	.0	.0	.0	.0	.0	.0	4.1	8.7
SSE	2.0	4.4	2.9	.7	.0	.0	.0	.0	.0	.0	.0	9.9	6.1
S	4.6	8.5	5.2	1.4	.1	.0	.0	.0	.0	.0	.0	19.7	5.8
SSW	1.1	2.5	1.4	.4	.1	.0	.0	.0	.0	.0	.0	5.5	6.0
SW	1.3	1.4	.7	.3	.1	.0	.0	.0	.0	.0	.0	3.7	5.8
WSW	.8	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	1.8	4.5
W	1.0	1.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	3.4	4.7
WNW	.9	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.4	5.5
NW	.5	.7	.8	.4	.3	.0	.0	.0	.0	.0	.0	2.7	8.4
NNW	1.4	2.4	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	6.2	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	13.8	.0
ALL	18.5	32.2	23.2	9.9	1.9	.2	.1	.1	.0	.0	.0	100.0	5.7

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.0	1.9	.5	.2	.0	.0	.0	.0	.0	.0	4.5	7.4
NNE	.4	.6	1.0	.9	.4	.0	.0	.0	.0	.0	.0	3.3	9.7
NE	.4	1.1	1.9	1.8	.4	.2	.0	.0	.0	.0	.0	5.8	9.9
ENE	.6	1.6	2.1	.5	.0	.1	.0	.1	.0	.0	.0	4.8	7.7
E	.2	2.2	2.1	.3	.1	.0	.0	.0	.0	.0	.0	5.0	7.5
ESE	.5	1.7	2.0	.6	.1	.0	.0	.0	.0	.0	.0	4.8	7.1
SE	.2	1.4	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	4.3	8.9
SSE	1.0	2.0	1.1	.2	.1	.1	.0	.0	.0	.0	.0	4.4	6.2
S	2.9	6.6	4.4	.7	.2	.0	.0	.0	.0	.0	.0	14.8	6.1
SSW	1.2	3.6	3.2	1.1	.1	.0	.0	.0	.0	.0	.0	9.1	6.8
SW	1.8	2.4	2.7	1.0	.0	.0	.0	.0	.0	.0	.0	7.9	6.8
WSW	.8	1.5	1.0	.2	.0	.0	.0	.0	.0	.0	.0	3.5	5.9
W	1.2	2.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	3.8	4.8
WNW	.6	1.0	1.0	.1	.1	.0	.0	.0	.0	.0	.0	2.6	6.6
NW	1.6	1.4	.6	.6	.1	.2	.0	.0	.0	.0	.0	4.4	6.7
NNW	1.0	1.4	1.2	.8	.3	.0	.0	.0	.0	.0	.0	4.6	7.9
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	12.4	.0
ALL	15.2	31.3	28.0	10.4	2.1	.5	.0	.1	.0	.0	.0	100.0	6.2

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	1.9	2.1	.9	.2	.0*	.0*	.0	.0	.0	.0	6.2	7.4
NNE	.6	2.4	2.3	1.0	.3	.1	.0*	.0	.0	.0	.0	6.7	8.0
NE	.8	2.5	2.8	1.4	.3	.1	.0*	.0	.0	.0	.0	7.9	8.4
ENE	.6	1.6	1.7	.6	.1	.0*	.0*	.0*	.0	.0	.0	4.6	7.5
E	.7	2.0	1.6	.4	.1	.0	.0	.0	.0	.0	.0	4.7	6.7
ESE	.5	1.3	1.1	.5	.1	.0*	.0*	.0	.0	.0	.0	3.4	7.2
SE	.5	1.7	2.5	1.6	.2	.0*	.0*	.0	.0	.0	.0	6.5	8.7
SSE	.7	2.0	1.9	.7	.1	.0*	.0	.0	.0	.0	.0	5.4	7.2
S	1.5	3.3	2.5	.7	.1	.0	.0	.0	.0	.0	.0	8.1	6.5
SSW	.9	2.3	2.3	.9	.1	.0	.0	.0	.0	.0	.0	6.5	7.2
SW	.9	2.3	2.3	1.0	.1	.0*	.0	.0	.0	.0	.0	6.7	7.4
WSW	.7	1.6	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	4.0	6.4
W	1.3	2.0	1.0	.3	.0	.0	.0	.0	.0	.0	.0	4.5	5.3
WNW	1.1	1.6	1.1	.4	.1	.0	.0	.0	.0	.0	.0	4.3	6.2
NW	1.1	1.8	1.5	.9	.3	.1	.0*	.0	.0	.0	.0	5.6	7.8
NNW	.9	1.9	1.5	.9	.3	.0*	.0*	.0	.0	.0	.0	5.5	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	9.3	.0
ALL	13.8	32.2	29.3	12.5	2.2	.5	.1	.0*	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 10075

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	20.8	54.7	59.0	61.3	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
>=20000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=18000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=16000	21.1	56.6	61.3	63.9	65.2	65.4	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>=14000	21.1	57.0	61.8	64.3	65.6	65.8	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3
>=12000	21.5	58.0	62.8	65.3	66.7	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4
>=10000	22.4	61.3	66.4	69.1	70.8	71.2	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7
>= 9000	22.7	62.8	66.9	69.7	71.4	71.7	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3
>= 8000	22.9	64.7	70.2	73.3	75.0	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 7000	23.3	65.7	71.3	74.4	76.1	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
>= 6000	23.6	66.1	71.7	74.8	76.5	76.8	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5
>= 5000	23.7	67.1	73.0	76.4	78.1	78.4	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.1
>= 4500	23.7	67.7	73.6	77.0	78.7	79.0	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7
>= 4000	24.1	69.0	75.0	78.5	80.3	80.6	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
>= 3500	24.3	69.5	75.6	79.2	81.0	81.3	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9
>= 3000	24.3	71.6	78.3	82.2	84.0	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0
>= 2500	24.5	72.3	79.1	83.1	84.9	85.4	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 2000	24.6	73.5	80.5	84.8	86.8	87.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 1800	24.7	73.8	80.8	85.3	87.2	87.7	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
>= 1500	24.9	75.2	82.4	87.0	89.1	89.5	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6
>= 1200	25.0	75.9	83.1	87.7	90.0	90.5	91.2	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
>= 1000	25.0	76.4	84.0	88.9	91.4	92.1	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
>= 900	25.0	76.7	84.4	89.5	92.0	92.6	93.4	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1
>= 800	25.0	77.1	84.9	90.2	92.8	93.4	94.4	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1
>= 700	25.0	77.4	85.4	90.7	93.4	94.2	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0
>= 600	25.1	78.0	86.1	91.8	94.7	95.5	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5
>= 500	25.1	78.0	86.1	92.1	95.1	95.8	97.2	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1
>= 400	25.1	78.4	86.5	92.8	96.1	96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3
>= 300	25.1	78.5	86.6	92.9	96.3	97.0	98.6	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.6
>= 200	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.8
>= 100	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0
>= 0	25.1	78.5	86.6	92.9	96.4	97.1	98.8	99.4	99.4	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	17.7	51.5	57.2	59.8	61.2	61.5	62.0	62.3	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.7
>=20000	17.7	52.5	58.6	61.4	63.2	63.5	64.3	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.9
>=18000	17.7	52.6	58.7	61.5	63.3	63.6	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
>=16000	17.7	52.6	58.7	61.5	63.3	63.6	64.4	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.9	65.0
>=14000	17.8	52.8	59.0	61.7	63.5	63.9	64.6	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.2	65.2
>=12000	18.3	54.0	60.2	62.9	64.8	65.1	65.8	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.5	66.5
>=10000	18.9	57.6	64.4	67.6	69.5	69.9	70.7	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.5
>= 9000	19.0	58.1	65.0	68.1	70.2	70.6	71.5	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.1	72.2
>= 8000	19.2	60.6	68.0	71.3	73.5	74.0	74.8	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.4	75.5
>= 7000	19.4	61.6	69.0	72.3	74.7	75.1	75.9	76.2	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.6
>= 6000	19.5	62.3	69.6	73.0	75.3	75.7	76.5	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.2	77.3
>= 5000	19.8	63.2	70.6	74.1	76.5	76.9	77.7	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.5
>= 4500	20.0	63.7	71.1	74.6	77.0	77.4	78.2	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.9	79.0
>= 4000	20.3	64.7	72.2	75.7	78.2	78.6	79.4	79.8	79.8	80.0	80.0	80.0	80.0	80.0	80.1	80.2
>= 3500	20.4	65.6	73.1	76.9	79.4	79.8	80.6	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.3	81.4
>= 3000	20.5	67.5	75.7	79.8	82.4	82.9	83.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4
>= 2500	20.8	68.8	77.2	81.3	83.9	84.4	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.9
>= 2000	21.2	70.3	79.0	83.2	85.9	86.5	87.4	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.1	88.1
>= 1800	21.2	70.5	79.1	83.5	86.2	86.8	87.7	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.5
>= 1500	21.2	71.3	80.4	85.2	88.0	88.5	89.5	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.3	90.4
>= 1200	21.2	71.7	80.9	85.8	88.7	89.4	90.3	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.1	91.2
>= 1000	21.3	72.3	81.6	86.8	89.8	90.5	91.5	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.5	92.6
>= 900	21.4	72.5	81.9	87.0	90.2	90.9	92.1	92.5	92.5	92.9	93.0	93.0	93.0	93.0	93.1	93.1
>= 800	21.4	72.7	82.3	87.6	91.3	92.0	93.5	93.9	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.5
>= 700	21.4	73.1	83.1	88.5	92.4	93.1	94.6	95.0	95.0	95.5	95.6	95.6	95.6	95.6	95.6	95.7
>= 600	21.4	73.4	83.5	89.3	93.4	94.2	95.8	96.2	96.2	96.7	96.8	96.8	96.8	96.8	96.9	96.9
>= 500	21.4	73.7	84.0	89.8	94.0	94.8	96.7	97.1	97.1	97.7	97.8	97.8	97.8	97.8	97.9	98.0
>= 400	21.4	73.9	84.4	90.4	94.8	95.6	97.5	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.9	99.0
>= 300	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	99.7
>= 200	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.5	99.5	99.6	99.7
>= 100	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.6	99.6	99.8	99.8
>= 0	21.4	74.1	84.6	90.6	95.4	96.2	98.1	98.5	98.5	99.3	99.5	99.5	99.6	99.6	99.8	100.0

TOTAL NO. OF OBS : 1240

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	17.6	42.4	46.5	49.8	51.5	51.8	53.0	53.3	53.3	53.5	53.5	53.5	53.6	53.6	53.6	53.7
>=20000	18.0	44.4	49.0	52.5	54.6	55.1	56.5	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.3
>=18000	18.0	44.6	49.3	52.8	55.0	55.4	56.8	57.2	57.2	57.5	57.5	57.5	57.6	57.6	57.6	57.6
>=16000	18.3	44.8	49.5	53.1	55.2	55.7	57.1	57.5	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.9
>=14000	18.5	45.4	50.1	53.7	55.9	56.3	57.8	58.2	58.2	58.5	58.5	58.5	58.5	58.5	58.5	58.6
>=12000	19.2	46.9	51.8	55.4	57.7	58.3	59.8	60.2	60.2	60.4	60.4	60.4	60.5	60.5	60.5	60.6
>=10000	19.8	50.2	55.9	59.7	62.0	62.7	64.4	64.9	64.9	65.1	65.1	65.1	65.2	65.2	65.2	65.3
>= 9000	19.9	50.5	56.1	59.9	62.4	63.2	64.9	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8
>= 8000	20.3	54.3	60.5	64.7	67.3	68.1	69.8	70.3	70.3	70.6	70.6	70.6	70.7	70.7	70.7	70.7
>= 7000	21.0	55.9	62.1	66.3	69.0	69.8	71.5	72.0	72.0	72.3	72.3	72.3	72.4	72.4	72.4	72.4
>= 6000	21.4	56.8	63.3	67.6	70.2	71.1	72.8	73.3	73.3	73.6	73.6	73.6	73.7	73.7	73.7	73.7
>= 5000	21.5	57.9	64.5	68.9	71.8	72.6	74.4	74.9	74.9	75.1	75.1	75.1	75.2	75.2	75.2	75.3
>= 4500	21.9	58.6	65.4	69.8	72.7	73.5	75.3	75.8	75.8	76.0	76.0	76.0	76.1	76.1	76.1	76.2
>= 4000	22.0	59.5	66.3	70.7	73.8	74.7	76.6	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.5
>= 3500	22.0	60.0	67.0	71.5	74.7	75.6	77.5	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4
>= 3000	22.4	61.1	68.7	73.4	76.7	77.7	79.8	80.4	80.4	80.7	80.7	80.7	80.8	80.8	80.8	80.9
>= 2500	22.8	62.0	69.9	74.8	78.4	79.3	81.5	82.0	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.5
>= 2000	23.4	64.0	71.9	76.8	80.6	81.5	83.7	84.2	84.2	84.6	84.6	84.6	84.7	84.7	84.7	84.8
>= 1800	23.4	64.1	72.0	77.0	80.9	81.9	84.0	84.6	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.1
>= 1500	23.5	64.8	73.0	78.1	82.2	83.3	85.4	86.2	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7
>= 1200	23.7	65.4	73.8	79.0	83.2	84.3	86.4	87.2	87.2	87.5	87.6	87.6	87.6	87.6	87.6	87.7
>= 1000	24.0	66.5	75.3	80.8	85.1	86.4	88.6	89.3	89.3	89.8	89.9	89.9	90.0	90.0	90.0	90.1
>= 900	24.1	66.8	75.7	81.2	85.7	87.1	89.3	90.0	90.0	90.5	90.7	90.7	90.7	90.7	90.7	90.8
>= 800	24.1	67.7	76.7	82.4	87.1	88.5	90.8	91.7	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.5
>= 700	24.2	68.1	77.2	83.2	88.2	89.8	92.2	93.2	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1
>= 600	24.2	68.7	78.0	84.2	89.4	91.1	93.5	94.6	94.6	95.3	95.4	95.4	95.5	95.5	95.6	95.7
>= 500	24.3	69.0	78.6	85.2	90.6	92.4	95.4	96.4	96.4	97.2	97.4	97.4	97.5	97.5	97.6	97.6
>= 400	24.3	69.0	78.7	85.3	90.7	92.7	95.7	96.8	96.8	97.8	98.0	98.0	98.1	98.1	98.2	98.3
>= 300	24.3	69.3	79.0	85.6	91.1	93.1	96.2	97.6	97.6	98.5	98.8	98.8	99.0	99.0	99.1	99.2
>= 200	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.6	99.7
>= 100	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.7	99.8
>= 0	24.3	69.3	79.0	85.6	91.2	93.2	96.4	97.8	97.8	98.9	99.3	99.3	99.5	99.5	99.7	100.0

TOTAL NO. OF OBS : 1230

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES) >=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.8	49.1	52.4	53.7	55.2	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
>=20000	25.1	53.1	56.7	58.1	59.8	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=18000	25.2	53.3	56.9	58.3	60.0	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>=16000	25.2	53.4	57.1	58.5	60.2	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
>=14000	25.4	54.1	57.7	59.2	60.9	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>=12000	26.1	55.7	59.4	61.0	62.8	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>=10000	26.7	58.4	62.6	64.5	66.5	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
>= 9000	26.8	58.6	62.8	64.8	66.8	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
>= 8000	27.4	61.6	66.3	68.5	70.7	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 7000	27.6	62.3	67.0	69.3	71.5	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 6000	27.8	62.7	67.4	69.8	72.0	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
>= 5000	28.0	63.3	68.2	70.7	72.9	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
>= 4500	28.2	64.1	69.0	71.5	73.8	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
>= 4000	28.5	65.0	70.1	72.5	75.1	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
>= 3500	28.8	65.7	70.8	73.3	75.9	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
>= 3000	29.5	67.9	73.4	76.0	78.9	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
>= 2500	30.3	69.8	75.5	78.2	81.1	82.2	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
>= 2000	31.1	71.5	77.5	80.2	83.3	84.4	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 1800	31.3	72.0	78.1	80.9	83.9	85.0	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
>= 1500	31.7	74.2	80.6	84.0	87.2	88.4	88.7	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
>= 1200	32.0	75.4	82.0	85.6	88.9	90.1	90.4	90.5	90.5	90.7	90.8	90.8	90.8	90.8	90.8	90.8
>= 1000	32.1	76.6	83.3	87.0	90.7	92.0	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 900	32.1	76.8	83.6	87.6	91.5	93.1	93.5	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0
>= 800	32.3	77.8	84.7	88.9	93.2	94.9	95.3	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 700	32.4	78.2	85.3	89.7	94.2	96.0	96.4	96.7	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1
>= 600	32.4	78.4	85.5	90.0	94.6	96.7	97.2	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
>= 500	32.4	78.5	85.8	90.4	95.3	97.5	98.0	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1
>= 400	32.4	78.5	85.8	90.4	95.4	97.6	98.2	98.9	99.0	99.3	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 200	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 100	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0
>= 0	32.4	78.5	85.9	90.6	95.7	98.0	98.6	99.3	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1230

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	25.6	50.2	53.1	54.9	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=20000	26.7	54.5	57.8	59.9	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=18000	26.9	54.8	58.1	60.1	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
>=16000	27.1	55.1	58.4	60.4	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
>=14000	27.6	55.7	59.0	61.0	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
>=12000	28.1	57.2	60.8	62.9	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>=10000	29.1	60.3	64.3	66.8	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
>= 9000	29.2	60.7	64.7	67.1	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 8000	29.4	62.8	67.2	69.7	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
>= 7000	29.7	63.5	68.0	70.6	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
>= 6000	29.9	64.2	68.7	71.4	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
>= 5000	30.1	65.1	69.6	72.3	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 4500	30.3	65.8	70.3	73.2	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 4000	31.2	67.5	72.0	75.0	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 3500	31.5	68.2	72.8	75.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 3000	32.6	71.6	76.7	80.0	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
>= 2500	33.9	74.0	79.5	82.8	85.2	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
>= 2000	35.4	77.1	82.8	86.5	89.0	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 1800	35.5	77.6	83.3	87.0	89.5	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 1500	36.0	79.1	85.4	89.1	91.7	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
>= 1200	36.1	79.7	86.2	90.1	92.8	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
>= 1000	36.2	80.3	87.1	91.5	94.4	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
>= 900	36.2	80.3	87.2	91.7	94.6	95.5	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
>= 800	36.2	80.5	87.9	92.6	95.7	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
>= 700	36.2	80.7	88.1	92.9	96.0	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 600	36.2	80.7	88.3	93.2	96.3	97.5	98.4	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
>= 500	36.2	80.7	88.3	93.3	96.6	97.9	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
>= 400	36.2	80.7	88.3	93.3	96.6	98.0	99.0	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
>= 300	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 200	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 100	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
>= 0	36.2	80.8	88.4	93.4	96.7	98.0	99.1	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1223

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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	25.1	50.3	54.1	55.7	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
>=20000	26.4	55.4	60.0	61.8	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
>=18000	26.6	55.8	60.3	62.2	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=16000	26.7	55.9	60.4	62.2	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
>=14000	26.9	56.6	61.2	63.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
>=12000	28.2	58.6	63.3	65.2	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
>=10000	29.0	61.9	66.7	68.6	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
>= 9000	29.1	62.1	66.9	69.0	70.6	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
>= 8000	29.9	65.4	70.8	73.1	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
>= 7000	30.0	66.2	71.7	74.0	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
>= 6000	30.1	66.9	72.6	74.9	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
>= 5000	30.3	67.9	73.6	76.0	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
>= 4500	30.4	68.6	74.4	76.7	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
>= 4000	31.4	70.9	76.9	79.4	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	32.0	71.9	78.1	80.5	82.5	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 3000	33.3	75.1	81.7	84.7	86.7	87.1	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2500	33.6	76.3	83.1	86.4	88.6	88.9	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
>= 2000	34.6	78.3	85.6	88.9	91.5	91.8	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
>= 1800	34.7	78.7	86.0	89.4	91.9	92.2	92.5	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
>= 1500	34.8	79.4	86.9	90.6	93.1	93.4	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 1200	34.8	79.8	87.2	91.2	93.8	94.1	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 1000	34.9	80.5	88.0	92.2	95.2	95.6	96.2	96.2	96.3	96.4	96.4	96.4	96.5	96.5	96.5	96.5
>= 900	34.9	80.8	88.4	92.7	95.7	96.2	96.8	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.3
>= 800	35.0	81.0	88.6	93.1	96.3	96.7	97.5	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
>= 700	35.1	81.2	88.9	93.4	96.6	97.1	97.9	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
>= 600	35.1	81.2	88.9	93.6	96.9	97.4	98.3	98.5	98.6	98.8	98.9	98.9	99.0	99.0	99.0	99.1
>= 500	35.1	81.3	89.1	93.9	97.1	97.7	98.8	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7
>= 400	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9
>= 300	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.9
>= 200	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	100.0
>= 100	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	100.0
>= 0	35.1	81.3	89.1	94.0	97.3	97.9	99.0	99.3	99.3	99.5	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1221

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER. MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.5	51.4	54.8	56.4	57.7	57.8	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
>=20000	24.2	55.4	59.6	61.8	63.3	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
>=18000	24.4	55.5	59.7	61.9	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=16000	24.4	55.7	59.9	62.1	63.7	63.8	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
>=14000	24.9	56.6	60.8	63.0	64.6	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>=12000	25.5	57.8	62.0	64.2	65.8	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
>=10000	26.6	61.9	66.4	68.7	70.5	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
>= 9000	26.7	62.4	67.0	69.5	71.3	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
>= 8000	27.2	65.7	71.1	74.0	76.0	76.1	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 7000	27.6	66.3	71.9	74.7	76.7	76.9	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
>= 6000	27.6	66.6	72.2	75.1	77.0	77.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 5000	27.9	67.6	73.3	76.1	78.2	78.4	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>= 4500	28.0	68.4	74.1	76.9	79.0	79.2	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
>= 4000	28.5	70.1	76.0	78.9	81.0	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	28.7	71.0	76.9	79.9	82.0	82.3	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
>= 3000	29.0	72.8	79.6	82.9	85.4	85.7	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 2500	29.1	74.0	81.1	84.6	87.2	87.5	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	29.3	75.8	83.3	87.0	89.9	90.2	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
>= 1800	29.4	76.1	83.8	87.4	90.3	90.6	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
>= 1500	29.4	76.9	85.2	89.2	92.3	92.7	93.5	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
>= 1200	29.5	77.5	85.7	89.9	93.1	93.6	94.4	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
>= 1000	29.5	78.0	86.3	90.6	94.0	94.6	95.5	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0
>= 900	29.5	78.3	86.6	91.0	94.4	95.0	95.9	96.1	96.1	96.4	96.5	96.5	96.5	96.5	96.5	96.5
>= 800	29.5	78.5	86.9	91.3	94.9	95.5	96.4	96.6	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0
>= 700	29.5	78.7	87.0	91.6	95.3	95.9	97.0	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
>= 600	29.5	78.8	87.4	92.0	95.7	96.3	97.5	97.9	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3
>= 500	29.5	78.9	87.4	92.1	96.0	96.7	98.0	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0
>= 400	29.5	79.1	87.7	92.5	96.3	97.1	98.5	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	29.5	79.1	87.7	92.5	96.3	97.1	98.6	99.2	99.2	99.5	99.6	99.6	99.6	99.7	99.8	99.8
>= 200	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.8	99.9	99.9
>= 100	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.8	100.0	100.0
>= 0	29.5	79.1	87.8	92.5	96.4	97.2	98.7	99.3	99.3	99.6	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NO. OF OBS : 1219

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	23.2	55.1	58.5	60.4	61.6	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
>=20000	23.7	58.2	62.3	64.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=18000	23.7	58.2	62.3	64.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=16000	23.7	58.2	62.4	64.8	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>=14000	24.0	58.6	62.8	65.2	66.6	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
>=12000	24.3	59.5	63.7	66.2	67.6	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
>=10000	25.3	62.6	67.2	69.9	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
>= 9000	25.4	63.0	67.7	70.4	72.2	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
>= 8000	25.7	66.1	71.3	74.1	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 7000	25.8	66.7	71.9	74.8	76.8	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 6000	25.9	67.0	72.3	75.1	77.2	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 5000	26.2	68.4	73.7	76.7	78.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
>= 4500	26.3	69.2	74.5	77.6	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
>= 4000	26.6	70.6	75.9	79.1	81.2	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
>= 3500	26.8	71.7	77.3	80.6	82.7	83.0	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 3000	27.2	73.9	80.3	83.6	86.1	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 2500	27.2	75.0	81.4	85.0	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
>= 2000	27.2	76.0	82.6	86.4	89.0	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1800	27.3	76.3	82.9	86.7	89.3	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
>= 1500	27.4	76.8	84.0	88.2	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
>= 1200	27.4	77.5	84.9	89.1	91.9	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
>= 1000	27.4	78.2	86.0	90.3	93.2	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
>= 900	27.4	78.6	86.5	90.9	93.9	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
>= 800	27.5	79.0	87.2	91.9	95.2	95.8	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
>= 700	27.6	79.4	87.7	92.5	96.1	96.7	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
>= 600	27.6	79.5	87.8	92.8	96.4	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
>= 500	27.6	79.6	87.9	93.1	96.8	97.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
>= 400	27.6	79.8	88.2	93.6	97.3	98.0	99.1	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	27.6	79.9	88.3	93.8	97.5	98.2	99.3	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
>= 200	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 100	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
>= 0	27.6	79.9	88.3	93.8	97.6	98.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NO. OF OBS : 1226

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	22.2	50.6	54.5	56.5	57.8	58.0	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.6
>=20000	22.9	53.8	58.2	60.5	62.1	62.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0
>=18000	22.9	53.9	58.3	60.7	62.3	62.5	62.9	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
>=16000	23.0	54.0	58.5	60.8	62.4	62.7	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.3
>=14000	23.3	54.6	59.0	61.4	63.0	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9
>=12000	23.9	56.0	60.5	62.9	64.5	64.8	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=10000	24.7	59.3	64.2	66.9	68.7	69.1	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
>= 9000	24.8	59.6	64.6	67.3	69.2	69.6	70.1	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3
>= 8000	25.2	62.7	68.2	71.1	73.1	73.5	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
>= 7000	25.5	63.5	69.1	72.1	74.1	74.5	75.0	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
>= 6000	25.7	64.1	69.7	72.7	74.8	75.2	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0
>= 5000	25.9	65.1	70.8	73.9	76.0	76.5	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
>= 4500	26.1	65.8	71.5	74.7	76.8	77.2	77.8	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0
>= 4000	26.6	67.1	73.0	76.2	78.5	78.9	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
>= 3500	26.8	67.9	73.9	77.2	79.5	79.9	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
>= 3000	27.3	70.2	76.8	80.3	82.8	83.3	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3
>= 2500	27.8	71.5	78.3	82.0	84.6	85.2	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1
>= 2000	28.3	73.3	80.4	84.2	87.0	87.6	88.3	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
>= 1800	28.4	73.6	80.7	84.6	87.4	88.0	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1
>= 1500	28.6	74.7	82.2	86.4	89.3	90.0	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.2
>= 1200	28.7	75.4	83.0	87.3	90.3	91.0	91.7	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2
>= 1000	28.8	76.1	83.9	88.5	91.7	92.5	93.4	93.6	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
>= 900	28.8	76.4	84.3	88.9	92.2	93.1	94.0	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
>= 800	28.9	76.8	84.9	89.8	93.3	94.2	95.2	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8
>= 700	28.9	77.1	85.3	90.3	94.0	95.0	96.1	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
>= 600	28.9	77.3	85.7	90.9	94.7	95.7	96.9	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8
>= 500	28.9	77.5	85.9	91.2	95.2	96.3	97.7	98.2	98.2	98.5	98.6	98.6	98.7	98.7	98.7	98.7
>= 400	28.9	77.6	86.1	91.5	95.6	96.7	98.2	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
>= 300	28.9	77.7	86.2	91.7	95.8	96.9	98.4	99.0	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7
>= 200	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.9
>= 100	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.9	99.9
>= 0	28.9	77.7	86.2	91.7	95.8	97.0	98.5	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NO. OF OBS : 9823

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : CCT
CLASS : ALL WEATHER HOUR : C100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.8	1.5	.5	.2	.1	.0	.0	.0	.0	.0	4.1	7.9
NNE	.5	1.4	2.0	1.0	.5	.3	.0	.0	.0	.0	.0	5.8	9.5
NE	.8	1.3	2.1	1.1	.6	.1	.0	.0	.0	.0	.0	5.9	9.1
ENE	.2	1.5	2.2	.8	.1	.1	.0	.0	.0	.0	.0	5.0	8.2
E	.5	.9	1.4	.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.5
ESE	.5	.8	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.2
SE	.3	1.0	.6	.2	.2	.0	.0	.0	.0	.0	.0	2.2	7.0
SSE	.3	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	1.7	6.2
S	1.4	2.7	1.8	.8	.1	.0	.0	.0	.0	.0	.0	6.8	6.5
SSW	1.2	2.2	2.8	1.2	.2	.0	.0	.0	.0	.0	.0	7.5	7.3
SW	1.4	2.4	2.5	1.6	.0	.0	.0	.0	.0	.0	.0	7.8	7.2
WSW	.5	1.3	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.9	7.1
W	1.2	2.5	1.7	.3	.1	.0	.0	.0	.0	.0	.0	5.8	5.8
WNW	.8	3.7	1.8	1.0	.2	.0	.1	.0	.0	.0	.0	7.5	7.4
NW	1.3	2.5	1.8	1.3	.7	.2	.1	.0	.0	.0	.0	8.0	8.9
NNW	.7	1.8	2.2	1.8	.5	.2	.1	.0	.0	.0	.0	7.1	9.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	.0
ALL	12.4	27.4	27.5	12.7	3.3	.9	.2	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.0	2.2	.8	.2	.2	.1	.0	.0	.0	.0	5.8	8.6
NNE	.5	1.5	1.8	1.7	.4	.2	.0	.0	.0	.0	.0	6.2	9.6
NE	.5	1.5	2.6	1.5	.4	.1	.0	.0	.0	.0	.0	6.6	9.2
ENE	.6	1.3	2.3	.9	.0	.0	.0	.0	.0	.0	.0	5.1	7.6
E	.6	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.6
ESE	.2	.3	.2	.5	.0	.0	.0	.0	.0	.0	.0	1.2	8.1
SE	.2	.7	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.4	6.4
SSE	.5	.3	.5	.5	.0	.0	.0	.0	.0	.0	.0	1.8	7.4
S	1.4	1.7	1.1	.5	.0	.0	.0	.0	.0	.0	.0	4.7	6.1
SSW	1.1	2.2	2.8	.5	.0	.0	.0	.0	.0	.0	.0	6.5	6.5
SW	.9	2.4	2.9	1.8	.2	.0	.0	.0	.0	.0	.0	8.2	7.9
WSW	1.2	1.5	1.3	.4	.0	.0	.0	.0	.0	.0	.0	4.3	6.0
W	1.8	3.5	1.2	.2	.2	.0	.0	.0	.0	.0	.0	6.8	5.7
WNW	1.5	2.7	1.8	.8	.4	.2	.0	.0	.0	.0	.0	7.3	7.3
NW	1.6	2.8	2.0	2.2	.3	.2	.1	.0	.0	.0	.0	9.1	8.4
NNW	1.2	2.2	2.1	1.5	.8	.0	.0	.0	.0	.0	.0	7.7	8.6
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	15.0	.0
ALL	14.3	27.4	25.5	13.8	2.9	.8	.2	.0	.0	.0	.0	100.0	6.5

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.4	2.5	.8	.1	.2	.2	.0	.0	.0	.0	6.8	8.3
NNE	.2	1.3	2.6	1.9	.7	.0	.0	.0	.0	.0	.0	6.7	10.0
NE	.5	2.3	2.1	1.7	.8	.2	.0	.0	.0	.0	.0	7.5	9.5
ENE	.4	1.3	2.0	.9	.1	.0	.0	.0	.0	.0	.0	4.7	8.1
E	.6	1.7	.8	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.0
ESE	.2	.5	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.3	6.6
SE	.1	.5	.8	.2	.0	.0	.0	.0	.0	.0	.0	1.6	7.7
SSE	.5	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
S	.4	1.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.1	6.4
SSW	.9	2.0	1.5	.6	.0	.1	.0	.0	.0	.0	.0	5.1	6.8
SW	.9	2.5	2.7	1.5	.1	.0	.0	.0	.0	.0	.0	7.7	7.7
WSW	1.5	1.8	1.5	.2	.0	.0	.0	.0	.0	.0	.0	4.9	5.4
W	1.7	4.1	1.5	.5	.0	.0	.0	.0	.0	.0	.0	7.7	5.6
WNW	1.4	2.2	2.1	1.0	.4	.0	.0	.0	.0	.0	.0	7.0	7.5
NW	1.7	2.9	1.8	1.3	.6	.2	.1	.0	.0	.0	.0	8.5	8.0
NNW	.9	2.2	2.5	1.6	.4	.1	.0	.0	.0	.0	.0	7.7	8.7
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	14.0	.0
ALL	12.5	30.0	26.3	13.1	3.1	.8	.2	.0	.0	.0	.0	100.0	6.6

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1000 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.3	2.2	3.4	1.9	.3	.0	.1	.0	.0	.0	.0	9.1	8.3
NNE	.2	3.0	4.5	2.2	.3	.2	.0	.0	.0	.0	.0	10.3	9.0
NE	.6	3.2	2.4	1.5	.2	.0	.0	.0	.0	.0	.0	7.9	7.7
ENE	.8	1.7	1.5	.3	.0	.1	.0	.0	.0	.0	.0	4.3	6.7
E	.5	1.8	1.5	.4	.1	.0	.0	.0	.0	.0	.0	4.2	6.6
ESE	.3	1.2	1.2	.3	.1	.0	.0	.1	.0	.0	.0	3.1	7.9
SE	.5	1.3	1.2	.4	.0	.0	.0	.0	.0	.0	.0	3.4	6.5
SSE	.3	.7	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.8
S	.2	1.6	1.5	.9	.1	.0	.0	.0	.0	.0	.0	4.3	8.2
SSW	.8	1.8	1.6	.9	.2	.0	.0	.0	.0	.0	.0	5.2	7.4
SW	.2	1.4	2.7	1.9	.1	.2	.0	.0	.0	.0	.0	6.5	9.3
WSW	.6	2.4	1.7	1.0	.0	.0	.0	.0	.0	.0	.0	5.7	7.2
W	1.0	1.7	2.2	.6	.1	.0	.0	.0	.0	.0	.0	5.6	6.9
WNW	.7	1.7	1.5	1.6	.1	.0	.2	.0	.0	.0	.0	5.8	8.5
NW	.7	2.8	3.9	2.5	.6	.7	.0	.0	.0	.0	.0	11.2	10.1
NNW	.4	1.8	2.2	1.8	1.2	.1	.0	.0	.0	.0	.0	7.5	10.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	.0
ALL	9.0	30.1	33.6	18.6	3.1	1.2	.2	.1	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	3.5	5.1	1.6	.6	.0	.0	.0	.0	.0	.0	11.8	8.3
NNE	.5	3.5	2.5	1.3	.2	.0	.0	.1	.0	.0	.0	8.1	8.0
NE	.9	2.6	2.2	.9	.2	.1	.0	.0	.0	.0	.0	6.9	7.3
ENE	.3	1.6	1.2	.5	.1	.0	.1	.0	.0	.0	.0	3.7	7.6
E	.9	1.9	1.1	.2	.0	.0	.0	.1	.0	.0	.0	4.2	6.3
ESE	.4	2.9	1.5	.3	.1	.0	.0	.0	.1	.0	.0	5.2	7.1
SE	.8	3.6	3.9	1.8	.2	.0	.0	.0	.0	.0	.0	10.3	7.9
SSE	.2	1.2	1.8	.7	.1	.1	.0	.0	.0	.0	.0	4.2	8.4
S	.2	1.2	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	4.4	9.2
SSW	.2	1.0	1.6	.9	.0	.0	.0	.0	.0	.0	.0	3.7	8.5
SW	.2	.9	2.2	2.1	.2	.0	.0	.0	.0	.0	.0	5.6	10.0
WSW	.2	1.0	1.8	1.1	.1	.0	.0	.0	.0	.0	.0	4.2	8.6
W	.2	1.3	.9	.8	.1	.0	.0	.0	.0	.0	.0	3.4	8.4
WNW	.6	1.1	2.2	1.5	.2	.1	.0	.0	.0	.0	.0	5.7	9.2
NW	.5	1.5	2.8	2.3	.9	.5	.0	.0	.0	.0	.0	8.6	11.0
NNW	.5	1.5	3.6	1.2	.2	.2	.1	.0	.0	.0	.0	7.2	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0
ALL	7.5	30.4	35.9	18.8	3.2	.9	.2	.2	.1	.0	.0	100.0	8.2

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.2	3.8	3.3	1.3	.4	.0	.0	.0	.0	.0	.0	11.0	6.9
NNE	.9	3.0	2.2	.8	.3	.0	.0	.1	.0	.0	.0	7.3	7.4
NE	.8	2.3	1.3	.7	.2	.0	.0	.0	.0	.0	.0	5.3	7.1
ENE	.6	.5	1.0	.5	.1	.1	.0	.0	.0	.0	.0	2.8	7.8
E	.7	1.2	1.2	.5	.1	.0	.0	.0	.0	.0	.0	3.5	6.9
ESE	.8	1.3	1.2	.4	.1	.1	.0	.0	.0	.0	.0	3.8	6.7
SE	.8	3.4	4.4	1.2	.0	.0	.0	.0	.0	.0	.1	9.8	7.7
SSE	1.5	3.2	5.6	1.8	.2	.0	.0	.0	.0	.0	.0	12.2	7.6
S	.5	2.4	2.2	.8	.0	.0	.0	.0	.0	.0	.0	5.9	7.1
SSW	.2	1.3	1.5	.6	.0	.1	.0	.0	.0	.0	.0	3.7	8.3
SW	.2	1.1	1.6	.3	.0	.0	.0	.1	.0	.0	.0	3.2	8.3
WSW	.3	1.5	.8	.5	.1	.0	.0	.0	.0	.0	.0	3.2	7.2
W	.2	1.8	1.2	.4	.2	.0	.0	.0	.0	.0	.0	3.8	7.4
WNW	.2	1.1	1.7	.8	.4	.0	.0	.0	.0	.0	.0	4.1	9.1
NW	.8	.8	2.4	2.5	.9	.2	.0	.0	.0	.0	.0	7.8	10.8
NNW	.9	2.2	2.5	1.2	.2	.1	.1	.0	.0	.0	.0	7.2	8.1
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	5.3	.0
ALL	11.7	30.8	34.1	14.3	3.0	.5	.1	.2	.0	.0	.1	100.0	7.4

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.3	1.2	.5	.3	.1	.0	.0	.0	.0	.0	5.6	6.9
NNE	.6	.6	.8	.7	.1	.0	.0	.0	.0	.0	.0	2.8	8.1
NE	.5	1.5	1.5	1.3	.3	.0	.0	.0	.0	.0	.0	5.2	8.9
ENE	.4	1.0	1.0	.8	.2	.0	.0	.0	.0	.0	.0	3.4	8.5
E	.8	1.0	1.8	1.0	.1	.0	.0	.0	.0	.0	.0	4.6	7.8
ESE	.4	.7	.7	.4	.0	.0	.0	.0	.0	.0	.0	2.2	7.0
SE	1.1	1.2	1.1	.7	.2	.0	.0	.0	.0	.0	.0	4.2	6.9
SSE	.9	2.5	2.6	.1	.2	.0	.0	.0	.0	.0	.0	6.3	6.4
S	3.6	6.4	4.1	.8	.1	.0	.0	.0	.0	.0	.0	15.0	5.8
SSW	1.2	2.4	1.7	.9	.1	.0	.0	.0	.0	.0	.0	6.3	6.7
SW	.9	1.2	1.5	.4	.1	.0	.0	.0	.0	.0	.0	4.1	6.7
WSW	.2	.5	.5	.4	.0	.0	.0	.0	.0	.0	.0	1.6	7.2
W	.5	1.5	1.1	.4	.1	.0	.0	.0	.0	.0	.0	3.5	6.7
WNW	.2	.8	1.4	1.0	.2	.0	.0	.0	.0	.0	.0	3.6	9.2
NW	1.1	1.5	1.8	1.3	.2	.0	.0	.0	.0	.0	.0	5.9	8.2
NNW	1.2	1.6	2.3	1.8	.3	.1	.1	.0	.0	.0	.0	7.5	8.6
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	18.2	.0
ALL	15.0	26.8	25.0	12.5	2.3	.2	.1	.0	.0	.0	.0	100.0	6.0

TOTAL NO. OF OBS : 1300

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : OCT
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.6	1.1	.5	.2	.1	.1	.0	.0	.0	.0	4.1	8.2
NNE	.5	.9	1.5	1.0	.4	.1	.0	.0	.0	.0	.0	4.5	9.2
NE	.5	1.1	2.0	1.3	.5	.0	.0	.0	.0	.0	.0	5.4	9.3
ENE	.7	1.2	1.4	.6	.1	.1	.0	.0	.0	.0	.0	4.1	7.6
E	.8	2.6	1.3	.4	.0	.0	.0	.0	.0	.0	.0	5.1	6.2
ESE	.2	1.3	.8	.2	.0	.0	.0	.0	.0	.0	.0	2.5	6.5
SE	.5	1.2	1.1	.5	.1	.0	.0	.0	.0	.0	.0	3.5	7.2
SSE	1.0	2.2	1.1	.5	.0	.0	.0	.0	.0	.0	.0	4.7	6.0
S	1.8	4.1	3.4	.5	.1	.0	.0	.0	.0	.0	.0	9.9	6.2
SSW	1.4	2.3	3.4	1.1	.0	.0	.0	.0	.0	.0	.0	8.1	6.9
SW	1.0	1.8	2.6	1.1	.2	.0	.0	.0	.0	.0	.0	6.6	7.6
WSW	.6	1.1	.8	.2	.1	.0	.0	.0	.0	.0	.0	2.8	6.4
W	1.3	1.5	.8	.6	.1	.0	.0	.0	.0	.0	.0	4.3	6.2
WNW	.6	2.1	1.6	1.0	.2	.0	.0	.0	.0	.0	.0	5.5	7.7
NW	1.0	2.0	2.3	.9	.4	.2	.2	.0	.0	.0	.0	7.0	8.6
NNW	.7	2.4	2.3	1.5	.5	.2	.0	.0	.0	.0	.0	7.5	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	.0
ALL	13.3	29.3	27.4	12.0	2.8	.6	.2	.0	.0	.0	.0	100.0	6.4

TOTAL NO. OF OBS : 1302

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS) 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	2.3	2.5	1.0	.3	.1	.0*	.0	.0	.0	.0	7.3	7.9
NNE	.5	1.9	2.2	1.3	.4	.1	.0	.0*	.0	.0	.0	6.5	8.8
NE	.6	2.0	2.0	1.2	.4	.1	.0	.0	.0	.0	.0	6.3	8.5
ENE	.5	1.3	1.6	.7	.1	.0*	.0*	.0	.0	.0	.0	4.1	7.8
E	.7	1.5	1.2	.4	.0*	.0	.0	.0*	.0	.0	.0	3.8	6.6
ESE	.4	1.1	.8	.3	.0*	.0*	.0	.0*	.0*	.0	.0	2.7	7.0
SE	.5	1.6	1.7	.6	.1	.0	.0	.0	.0	.0	.0*	4.5	7.4
SSE	.7	1.5	1.7	.5	.0*	.0*	.0	.0	.0	.0	.0	4.4	7.0
S	1.2	2.7	2.1	.8	.0*	.0	.0	.0	.0	.0	.0	6.8	6.6
SSW	.9	1.9	2.1	.8	.0*	.0*	.0	.0	.0	.0	.0	5.8	7.2
SW	.7	1.7	2.3	1.3	.1	.0*	.0	.0*	.0	.0	.0	6.2	8.1
WSW	.6	1.4	1.2	.5	.0*	.0	.0	.0	.0	.0	.0	3.8	6.8
W	1.0	2.2	1.3	.5	.1	.0	.0	.0	.0	.0	.0	5.1	6.4
WNW	.7	1.9	1.7	1.1	.3	.0*	.0*	.0	.0	.0	.0	5.8	8.1
NW	1.1	2.1	2.4	1.8	.6	.3	.0*	.0	.0	.0	.0	8.3	9.3
NNW	.8	2.0	2.5	1.5	.5	.1	.0*	.0	.0	.0	.0	7.4	8.9
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.2	.0
ALL	12.0	29.0	29.4	14.5	3.0	.7	.2	.0*	.0*	.0	.0*	100.0	6.9

TOTAL NO. OF OBS : 10410

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 0100 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.2	56.4	59.3	61.2	62.4	62.6	63.0	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.6
>=20000	22.2	58.4	61.7	63.8	65.0	65.3	65.7	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
>=18000	22.2	58.4	61.7	63.8	65.0	65.3	65.7	66.0	66.0	66.1	66.2	66.2	66.3	66.3	66.3	66.4
>=16000	22.2	58.5	61.9	64.0	65.2	65.4	65.9	66.1	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.5
>=14000	22.2	58.7	62.1	64.2	65.4	65.7	66.1	66.4	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7
>=12000	22.4	59.5	62.9	65.2	66.4	66.7	67.1	67.4	67.4	67.5	67.6	67.6	67.7	67.7	67.7	67.8
>=10000	22.9	62.0	65.6	67.8	69.1	69.4	69.8	70.1	70.1	70.2	70.3	70.3	70.4	70.4	70.4	70.5
>= 9000	23.0	62.4	66.0	68.2	69.5	69.8	70.2	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.8	70.9
>= 8000	23.3	65.1	68.8	71.2	72.5	72.8	73.3	73.5	73.5	73.6	73.7	73.7	73.8	73.8	73.8	73.9
>= 7000	23.5	65.9	69.6	72.0	73.3	73.6	74.1	74.3	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7
>= 6000	23.6	66.4	70.1	72.5	73.8	74.1	74.6	74.8	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.2
>= 5000	24.0	68.0	71.7	74.3	75.6	75.9	76.4	76.6	76.6	76.7	76.8	76.8	76.9	76.9	76.9	77.0
>= 4500	24.3	70.1	73.9	76.4	77.8	78.1	78.5	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1
>= 4000	24.4	72.0	76.0	78.7	80.0	80.3	80.8	81.0	81.0	81.2	81.2	81.2	81.3	81.3	81.3	81.4
>= 3500	24.8	73.1	77.1	79.8	81.2	81.5	81.9	82.2	82.2	82.3	82.4	82.4	82.5	82.5	82.5	82.6
>= 3000	25.0	74.7	78.8	81.8	83.2	83.5	84.0	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.6
>= 2500	25.1	75.3	79.7	82.9	84.4	84.7	85.2	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.8
>= 2000	25.3	76.2	80.8	84.3	85.8	86.1	86.7	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.3	87.4
>= 1800	25.3	76.3	80.9	84.4	86.0	86.3	86.8	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.5
>= 1500	25.4	76.9	81.9	85.7	87.4	87.8	88.3	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.9	89.0
>= 1200	25.4	77.6	82.6	86.5	88.2	88.6	89.1	89.4	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8
>= 1000	25.5	78.5	83.6	87.5	89.4	89.8	90.3	90.5	90.5	90.7	90.8	90.8	90.9	90.9	90.9	91.0
>= 900	25.5	78.8	83.9	87.9	89.9	90.3	90.9	91.1	91.1	91.2	91.3	91.3	91.4	91.4	91.5	91.6
>= 800	25.5	78.9	84.3	88.4	90.6	91.0	91.7	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.3	92.4
>= 700	25.5	79.1	84.7	89.0	91.6	92.1	92.9	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.5	93.6
>= 600	25.5	79.4	85.2	90.0	92.7	93.5	94.3	94.5	94.5	94.7	94.7	94.7	94.8	94.8	94.9	95.0
>= 500	25.5	79.7	85.6	90.8	93.6	94.6	95.4	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.1
>= 400	25.5	79.9	86.1	91.4	94.3	95.3	96.4	96.6	96.6	96.7	97.0	97.0	97.1	97.1	97.1	97.2
>= 300	25.5	80.1	86.4	91.7	94.7	95.7	96.9	97.2	97.2	97.4	97.8	97.8	98.0	98.0	98.1	98.2
>= 200	25.5	80.1	86.4	91.7	94.7	95.8	97.0	97.3	97.3	97.6	98.1	98.1	98.3	98.3	98.4	98.5
>= 100	25.5	80.1	86.4	91.7	94.8	95.9	97.1	97.4	97.4	97.8	98.3	98.3	98.7	98.7	99.0	99.5
>= 0	25.5	80.1	86.4	91.7	94.8	95.9	97.1	97.4	97.4	97.8	98.3	98.3	98.7	98.7	99.1	100.0

TOTAL NO. OF OBS : 1290

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
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	18.5	52.9	56.2	57.9	59.2	59.2	60.0	60.3	60.3	60.7	60.7	60.7	60.9	60.9	61.0	61.2
>=20000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=18000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=16000	18.5	54.4	58.1	59.8	61.2	61.2	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.1	63.3
>=14000	18.6	54.5	58.3	60.0	61.5	61.5	62.4	62.7	62.7	63.1	63.1	63.1	63.3	63.3	63.4	63.6
>=12000	18.8	55.2	58.9	60.7	62.1	62.1	63.1	63.3	63.3	63.7	63.7	63.7	63.9	63.9	64.1	64.2
>=10000	19.1	57.3	61.4	63.3	64.8	64.8	65.9	66.2	66.2	66.6	66.6	66.6	66.8	66.8	67.0	67.2
>= 9000	19.3	57.8	61.9	63.7	65.3	65.3	66.4	66.7	66.7	67.1	67.1	67.1	67.3	67.3	67.5	67.6
>= 8000	19.6	60.6	64.9	67.0	68.6	68.6	69.7	70.0	70.0	70.4	70.4	70.5	70.7	70.7	70.9	71.0
>= 7000	19.8	61.6	65.9	68.0	69.6	69.6	70.7	71.0	71.0	71.4	71.4	71.5	71.7	71.7	71.9	72.0
>= 6000	19.8	62.0	66.3	68.4	70.0	70.0	71.1	71.4	71.4	71.8	71.8	71.9	72.1	72.1	72.3	72.4
>= 5000	20.1	63.4	67.9	70.0	71.7	71.7	72.9	73.2	73.2	73.6	73.6	73.7	73.9	73.9	74.1	74.2
>= 4500	20.4	64.8	69.2	71.3	73.0	73.0	74.2	74.5	74.5	74.9	74.9	75.0	75.2	75.2	75.4	75.5
>= 4000	20.7	66.2	70.8	73.0	74.7	74.7	75.9	76.2	76.2	76.6	76.6	76.7	76.9	76.9	77.1	77.2
>= 3500	20.8	67.1	71.8	74.1	75.8	75.9	77.1	77.4	77.4	77.8	77.8	77.8	78.1	78.1	78.2	78.4
>= 3000	21.0	68.9	73.7	76.0	77.7	77.8	78.9	79.2	79.2	79.6	79.6	79.7	79.9	79.9	80.1	80.2
>= 2500	21.1	70.2	75.1	77.7	79.5	79.6	80.7	81.0	81.0	81.4	81.4	81.5	81.7	81.7	81.9	82.0
>= 2000	21.2	71.2	76.4	79.0	80.9	80.9	82.1	82.4	82.4	82.8	82.8	82.9	83.1	83.1	83.3	83.4
>= 1800	21.4	71.5	76.7	79.3	81.2	81.3	82.4	82.7	82.7	83.1	83.1	83.2	83.4	83.4	83.6	83.7
>= 1500	21.6	72.6	78.5	81.4	83.4	83.5	84.7	85.0	85.0	85.4	85.4	85.5	85.7	85.7	85.9	86.1
>= 1200	21.7	73.4	79.6	82.6	84.7	84.7	86.0	86.3	86.3	86.8	86.8	86.8	87.1	87.1	87.2	87.4
>= 1000	21.7	74.0	80.6	84.1	86.3	86.4	87.7	88.0	88.0	88.5	88.5	88.5	88.8	88.8	88.9	89.1
>= 900	21.7	74.4	81.3	84.9	87.1	87.2	88.6	88.9	88.9	89.4	89.4	89.5	89.7	89.7	89.9	90.0
>= 800	21.7	74.7	81.9	85.7	87.9	88.1	89.5	89.9	89.9	90.3	90.3	90.4	90.7	90.7	90.9	91.0
>= 700	21.7	74.9	82.1	86.1	88.5	88.8	90.4	90.7	90.7	91.2	91.2	91.2	91.6	91.6	91.7	91.9
>= 600	21.7	75.1	82.3	86.6	89.1	89.4	91.0	91.3	91.3	91.9	91.9	91.9	92.3	92.3	92.4	92.6
>= 500	21.7	75.4	83.0	87.4	89.9	90.3	92.2	92.6	92.6	93.2	93.3	93.3	93.6	93.6	93.8	94.0
>= 400	21.7	75.8	83.3	87.9	90.9	91.5	93.6	94.1	94.1	94.8	95.0	95.1	95.4	95.4	95.6	95.7
>= 300	21.7	75.9	83.4	88.3	91.5	92.2	94.5	95.0	95.0	95.8	96.3	96.4	96.7	96.7	97.0	97.1
>= 200	21.7	76.0	83.5	88.4	91.6	92.4	94.8	95.4	95.4	96.2	96.8	96.9	97.3	97.3	97.6	97.8
>= 100	21.7	76.0	83.6	88.5	91.6	92.6	95.0	95.6	95.6	96.4	97.1	97.2	97.6	97.6	98.1	98.6
>= 0	21.7	76.0	83.6	88.5	91.6	92.6	95.0	95.6	95.6	96.4	97.1	97.2	97.6	97.6	98.5	100.0

TOTAL NO. OF OBS : 1291

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	16.5	43.1	46.6	49.1	50.5	50.9	51.4	51.6	51.6	51.8	52.0	52.0	52.3	52.3	52.6	52.9
>=20000	16.6	45.3	49.5	52.2	54.2	54.6	55.3	55.6	55.6	55.9	56.2	56.2	56.5	56.6	56.8	57.2
>=18000	17.0	45.8	50.0	52.7	54.7	55.1	55.8	56.1	56.1	56.4	56.6	56.6	57.0	57.0	57.3	57.7
>=16000	17.0	45.8	50.0	52.7	54.7	55.1	55.8	56.1	56.1	56.4	56.6	56.6	57.0	57.0	57.3	57.7
>=14000	17.1	46.2	50.5	53.1	55.2	55.5	56.3	56.6	56.6	56.9	57.1	57.1	57.4	57.5	57.7	58.1
>=12000	17.3	47.0	51.3	54.0	56.0	56.4	57.1	57.4	57.4	57.7	58.0	58.0	58.3	58.4	58.6	59.0
>=10000	17.7	49.1	53.8	56.6	58.7	59.2	59.9	60.2	60.2	60.5	60.8	60.8	61.1	61.2	61.4	61.8
>= 9000	17.9	49.8	54.6	57.4	59.5	60.0	60.7	61.0	61.0	61.3	61.6	61.6	61.9	62.0	62.2	62.6
>= 8000	18.7	54.0	59.0	62.1	64.2	64.7	65.5	65.9	65.9	66.2	66.4	66.4	66.7	66.8	67.0	67.4
>= 7000	19.1	55.2	60.2	63.4	65.5	66.1	67.0	67.3	67.3	67.6	67.8	67.8	68.1	68.2	68.4	68.8
>= 6000	19.4	55.9	60.9	64.1	66.2	66.8	67.7	68.0	68.0	68.3	68.5	68.5	68.8	68.9	69.1	69.5
>= 5000	19.8	57.7	62.8	66.1	68.4	69.0	69.8	70.2	70.2	70.5	70.7	70.7	71.0	71.1	71.3	71.7
>= 4500	20.0	58.4	63.7	67.0	69.4	70.1	70.9	71.2	71.2	71.6	71.8	71.8	72.1	72.2	72.4	72.8
>= 4000	20.5	60.2	65.6	68.9	71.4	72.1	73.0	73.3	73.3	73.6	73.8	73.8	74.1	74.2	74.5	74.8
>= 3500	21.1	61.1	66.7	70.2	72.7	73.4	74.2	74.5	74.5	74.8	75.1	75.1	75.4	75.5	75.7	76.1
>= 3000	21.4	62.9	68.8	72.5	75.2	75.9	77.0	77.3	77.3	77.7	77.9	77.9	78.2	78.3	78.5	78.9
>= 2500	21.8	64.0	70.1	74.1	77.0	77.8	78.9	79.2	79.2	79.6	79.8	79.8	80.2	80.2	80.5	80.9
>= 2000	22.1	65.2	71.5	75.5	78.7	79.6	80.7	81.0	81.0	81.4	81.6	81.6	82.0	82.0	82.3	82.7
>= 1800	22.2	65.5	71.7	75.9	79.1	79.9	81.0	81.3	81.3	81.7	82.0	82.0	82.3	82.3	82.6	83.0
>= 1500	22.4	66.5	72.8	77.4	80.7	81.6	82.7	83.0	83.0	83.4	83.6	83.6	83.9	84.0	84.2	84.6
>= 1200	22.7	66.9	73.4	78.3	81.7	82.7	83.9	84.2	84.2	84.6	84.8	84.8	85.2	85.2	85.5	85.9
>= 1000	23.0	68.0	74.8	79.9	83.4	84.6	85.9	86.2	86.2	86.6	86.9	86.9	87.2	87.3	87.5	87.9
>= 900	23.0	68.3	75.1	80.3	83.8	85.1	86.4	86.8	86.8	87.2	87.4	87.4	87.7	87.8	88.0	88.4
>= 800	23.0	68.8	75.7	81.3	85.1	86.5	88.0	88.4	88.4	88.9	89.1	89.1	89.5	89.5	89.8	90.2
>= 700	23.0	68.8	75.9	81.7	85.7	87.3	88.9	89.5	89.5	90.1	90.3	90.3	90.6	90.7	90.9	91.3
>= 600	23.0	69.1	76.2	82.3	86.6	88.2	90.0	90.8	90.8	91.4	91.6	91.6	92.0	92.0	92.3	92.7
>= 500	23.1	69.4	76.6	83.0	87.6	89.3	91.2	92.0	92.0	92.7	93.0	93.0	93.4	93.4	93.7	94.1
>= 400	23.1	69.5	76.9	83.3	88.1	89.8	92.0	93.0	93.0	93.9	94.6	94.6	94.9	95.0	95.2	95.6
>= 300	23.1	69.6	77.0	83.5	88.5	90.3	92.8	94.0	94.0	95.1	95.8	95.8	96.2	96.2	96.5	97.0
>= 200	23.1	69.6	77.0	83.5	88.5	90.4	93.0	94.1	94.1	95.2	96.0	96.0	96.6	96.9	97.2	97.9
>= 100	23.1	69.6	77.0	83.6	88.6	90.5	93.0	94.2	94.2	95.5	96.2	96.2	97.2	97.4	97.9	98.9
>= 0	23.1	69.6	77.0	83.6	88.6	90.5	93.0	94.2	94.2	95.5	96.2	96.2	97.2	97.4	98.2	100.0

TOTAL NO. OF OBS : 1280

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	24.1	50.1	52.4	53.2	54.2	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=20000	25.3	54.1	56.7	57.9	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
>=18000	25.3	54.1	56.7	57.9	59.0	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5
>=16000	25.4	54.2	56.8	58.1	59.2	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7	59.7	59.7
>=14000	25.6	54.8	57.4	58.6	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
>=12000	26.3	55.6	58.3	59.6	60.7	60.8	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
>=10000	26.9	58.2	61.1	62.4	63.5	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1
>= 9000	27.2	58.9	61.8	63.1	64.2	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8
>= 8000	27.9	61.7	64.8	66.2	67.4	67.7	67.9	67.9	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0
>= 7000	28.2	62.6	65.8	67.2	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
>= 6000	28.4	63.1	66.3	67.8	69.2	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7
>= 5000	28.9	64.8	68.1	69.6	71.0	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
>= 4500	29.3	65.5	68.9	70.4	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5
>= 4000	29.9	67.5	71.1	72.7	74.1	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
>= 3500	30.5	68.8	72.4	74.0	75.4	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
>= 3000	30.8	71.2	75.3	77.2	78.7	79.2	79.5	79.5	79.5	79.6	79.6	79.6	79.7	79.7	79.7	79.7
>= 2500	31.2	72.4	76.6	78.6	80.4	80.8	81.2	81.2	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4
>= 2000	31.9	74.0	78.6	80.8	82.7	83.1	83.5	83.5	83.5	83.6	83.6	83.6	83.7	83.7	83.7	83.7
>= 1800	32.1	74.3	78.9	81.0	82.9	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9
>= 1500	32.3	76.0	80.8	83.0	85.2	85.8	86.3	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
>= 1200	32.6	77.1	82.1	84.6	87.0	87.7	88.1	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
>= 1000	32.7	78.3	83.6	86.3	89.0	89.6	90.2	90.4	90.4	90.6	90.6	90.6	90.7	90.7	90.7	90.7
>= 900	33.0	78.6	84.0	86.8	89.7	90.3	91.1	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5
>= 800	33.0	78.9	84.4	87.4	90.5	91.3	92.2	92.4	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
>= 700	33.0	79.2	85.0	88.2	91.6	92.5	93.5	93.7	93.7	94.0	94.0	94.0	94.1	94.1	94.1	94.1
>= 600	33.0	79.4	85.3	88.6	92.3	93.2	94.3	94.6	94.6	94.9	94.9	94.9	95.1	95.1	95.1	95.1
>= 500	33.0	79.4	85.4	89.0	93.2	94.3	95.8	96.1	96.1	96.4	96.4	96.4	96.5	96.5	96.5	96.5
>= 400	33.0	79.7	85.8	89.4	93.7	95.0	96.5	96.9	96.9	97.5	97.5	97.5	97.6	97.6	97.6	97.6
>= 300	33.0	79.7	86.0	89.6	94.3	95.5	97.1	97.5	97.5	98.1	98.3	98.4	98.5	98.5	98.6	98.6
>= 200	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	97.6	98.4	98.7	98.8	99.1	99.1	99.2	99.4
>= 100	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	97.6	98.4	98.7	98.8	99.1	99.1	99.4	99.8
>= 0	33.0	79.8	86.1	89.8	94.4	95.7	97.3	97.6	97.6	98.4	98.7	98.8	99.1	99.1	99.5	100.0

TOTAL NO. OF OBS : 1274

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	25.6	49.9	51.0	52.0	52.5	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
>=20000	26.6	55.0	56.2	57.6	58.3	58.4	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=18000	26.7	55.1	56.4	57.7	58.4	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
>=16000	26.9	55.4	56.6	58.0	58.7	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>=14000	27.3	56.2	57.5	58.9	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
>=12000	28.1	57.6	58.9	60.4	61.1	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=10000	29.0	60.0	61.3	62.9	63.6	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>= 9000	29.2	60.3	61.8	63.4	64.1	64.2	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
>= 8000	29.6	63.5	65.3	67.0	67.8	68.0	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
>= 7000	29.6	64.4	66.2	67.9	68.8	69.0	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
>= 6000	29.8	64.7	66.5	68.2	69.1	69.3	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
>= 5000	30.5	66.0	68.0	69.8	70.7	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
>= 4500	30.8	67.2	69.2	71.0	71.8	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 4000	31.8	69.7	71.8	73.6	74.6	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
>= 3500	32.9	71.9	74.0	75.9	76.9	77.2	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 3000	34.4	75.9	78.4	80.4	81.3	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
>= 2500	35.0	77.3	79.8	82.3	83.2	83.6	83.8	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0
>= 2000	35.5	79.4	82.1	84.9	86.0	86.4	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
>= 1800	35.7	79.6	82.4	85.3	86.4	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
>= 1500	35.9	81.7	84.8	87.8	88.9	89.5	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 1200	36.0	82.4	85.6	88.8	90.3	90.9	91.2	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
>= 1000	36.0	83.1	86.7	90.2	91.9	92.5	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
>= 900	36.0	83.3	87.2	91.1	92.9	93.6	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
>= 800	36.0	83.3	87.5	91.8	94.0	94.6	95.3	95.7	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
>= 700	36.0	83.6	87.8	92.2	94.6	95.4	96.4	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1
>= 600	36.0	83.7	88.1	92.6	95.3	96.2	97.3	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
>= 500	36.0	83.8	88.3	92.9	95.8	96.8	98.2	98.6	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0
>= 400	36.0	83.9	88.4	93.0	96.0	97.0	98.5	99.1	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5
>= 300	36.0	83.9	88.5	93.1	96.1	97.2	98.7	99.3	99.4	99.5	99.7	99.7	99.8	99.8	99.8	99.8
>= 200	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.4	99.5	99.6	99.8	99.8	99.9	99.9	99.9	99.9
>= 100	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0
>= 0	36.0	83.9	88.5	93.1	96.2	97.3	98.7	99.5	99.5	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1275

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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	25.1	51.0	52.4	53.7	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
>=20000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=18000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=16000	26.5	56.1	57.9	60.0	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
>=14000	26.9	56.8	58.6	60.7	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
>=12000	27.4	58.0	59.9	61.9	62.3	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
>=10000	28.6	61.2	63.1	65.1	65.5	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
>= 9000	28.9	61.8	63.7	65.7	66.1	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
>= 8000	29.6	65.7	68.3	70.6	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 7000	30.3	67.1	69.7	72.1	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
>= 6000	30.9	68.2	70.9	73.3	73.9	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
>= 5000	31.5	69.6	72.4	74.9	75.6	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
>= 4500	32.2	70.8	73.8	76.3	77.0	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
>= 4000	33.5	73.7	76.7	79.2	80.0	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
>= 3500	34.0	74.6	77.8	80.3	81.1	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
>= 3000	34.6	77.2	80.6	83.6	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
>= 2500	34.9	78.8	82.6	85.6	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
>= 2000	35.2	80.2	84.0	87.0	88.2	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
>= 1800	35.3	80.7	84.5	87.6	88.8	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
>= 1500	35.4	81.5	85.6	89.1	90.6	91.1	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	35.4	82.1	86.7	90.2	91.6	92.3	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9
>= 1000	35.5	82.8	87.4	91.4	93.0	93.8	94.3	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
>= 900	35.5	83.1	87.7	91.9	93.6	94.5	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
>= 800	35.6	83.4	88.2	92.7	94.5	95.5	96.3	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.5	96.5
>= 700	35.6	83.5	88.5	93.1	94.9	95.9	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
>= 600	35.6	83.5	88.8	93.3	95.2	96.3	97.3	97.4	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7
>= 500	35.6	83.7	89.0	93.7	95.7	96.9	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
>= 400	35.6	83.7	89.1	93.9	96.1	97.4	98.7	99.0	99.1	99.1	99.2	99.3	99.4	99.4	99.4	99.4
>= 300	35.6	83.7	89.2	94.0	96.2	97.5	98.8	99.1	99.2	99.4	99.5	99.6	99.8	99.8	99.8	99.8
>= 200	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.6	99.8	99.9	99.9	99.9	99.9
>= 100	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0
>= 0	35.6	83.7	89.2	94.0	96.3	97.6	98.9	99.2	99.3	99.5	99.7	99.8	100.0	100.0	100.0	100.0

TOTAL NO. OF OBS : 1281

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.8	53.8	56.3	57.9	58.2	58.2	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7
>=20000	23.2	57.4	60.2	62.3	63.1	63.1	63.5	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6
>=18000	23.3	57.7	60.6	62.7	63.5	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=16000	23.3	57.7	60.6	62.7	63.5	63.5	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0
>=14000	23.6	58.1	61.1	63.2	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
>=12000	23.9	58.9	61.9	64.0	64.9	64.9	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=10000	24.8	62.1	65.2	67.3	68.2	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
>= 9000	25.2	62.8	66.0	68.1	69.0	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
>= 8000	25.7	66.5	70.0	72.6	73.7	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>= 7000	26.1	68.2	71.8	74.3	75.4	75.4	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
>= 6000	26.6	69.4	73.0	75.6	76.7	76.7	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
>= 5000	27.0	70.4	74.2	76.9	78.1	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
>= 4500	27.2	71.7	75.6	78.3	79.5	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
>= 4000	27.5	73.5	77.7	80.5	81.6	81.6	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
>= 3500	27.8	74.9	79.1	81.9	83.0	83.0	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
>= 3000	28.2	77.3	81.8	85.0	86.1	86.2	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
>= 2500	28.3	78.4	83.3	86.7	87.9	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
>= 2000	28.5	79.8	84.8	88.4	89.7	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
>= 1800	28.5	80.1	85.1	88.6	90.0	90.1	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
>= 1500	28.6	81.2	86.5	90.4	91.8	92.0	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6
>= 1200	28.6	82.2	87.8	91.8	93.3	93.5	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
>= 1000	28.6	82.4	88.2	92.4	94.0	94.2	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
>= 900	28.6	82.5	88.3	92.6	94.4	94.6	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
>= 800	28.6	82.6	88.5	92.9	94.8	94.9	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 700	28.6	82.9	88.8	93.5	95.4	95.6	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 600	28.6	83.0	89.0	93.9	96.2	96.7	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
>= 500	28.6	83.0	89.2	94.3	96.7	97.2	97.8	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
>= 400	28.6	83.2	89.3	94.6	97.0	97.5	98.2	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9
>= 300	28.6	83.3	89.4	94.6	97.1	97.7	98.4	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3
>= 200	28.6	83.3	89.4	94.6	97.1	97.7	98.5	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
>= 100	28.6	83.3	89.4	94.6	97.1	97.7	98.6	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0
>= 0	28.6	83.3	89.4	94.6	97.1	97.7	98.6	99.2	99.2	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NO. OF OBS : 1285

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	23.0	56.5	59.0	61.1	61.5	61.6	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
>=20000	23.1	58.9	61.8	64.1	64.6	64.7	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
>=18000	23.3	59.3	62.1	64.5	65.0	65.1	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
>=16000	23.4	59.3	62.2	64.5	65.1	65.2	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
>=14000	23.4	59.5	62.5	64.9	65.4	65.5	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
>=12000	23.7	60.6	63.5	65.9	66.5	66.6	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
>=10000	24.3	63.3	66.3	68.9	69.5	69.6	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
>= 9000	24.4	63.8	66.8	69.4	70.0	70.1	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 8000	24.8	66.7	70.1	72.8	73.5	73.6	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 7000	25.1	67.8	71.4	74.1	74.8	74.9	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
>= 6000	25.4	68.8	72.4	75.2	75.9	76.0	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
>= 5000	25.9	70.4	74.2	77.0	77.7	77.8	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
>= 4500	26.1	71.7	75.6	78.6	79.3	79.4	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1
>= 4000	26.5	73.6	77.7	80.8	81.6	81.7	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
>= 3500	26.8	74.3	78.5	81.7	82.5	82.6	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
>= 3000	27.0	76.2	80.7	84.4	85.3	85.3	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
>= 2500	27.2	76.9	81.5	85.3	86.3	86.4	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
>= 2000	27.3	78.2	83.5	87.3	88.4	88.5	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>= 1800	27.4	78.6	84.1	88.0	89.1	89.2	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
>= 1500	27.4	79.6	85.5	89.6	90.7	90.9	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
>= 1200	27.4	80.1	86.1	90.3	91.4	91.6	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
>= 1000	27.5	80.6	86.7	91.1	92.3	92.6	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
>= 900	27.5	80.9	87.3	91.7	93.0	93.3	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
>= 800	27.5	81.4	87.8	92.2	93.6	93.9	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
>= 700	27.5	81.5	88.1	92.7	94.3	94.7	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
>= 600	27.6	81.8	88.4	93.3	95.1	95.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
>= 500	27.6	81.8	88.5	93.6	95.7	96.0	97.1	97.1	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4
>= 400	27.6	82.1	88.8	93.9	96.1	96.5	97.8	97.8	97.8	98.1	98.1	98.1	98.3	98.3	98.3	98.3
>= 300	27.6	82.2	89.0	94.2	96.5	97.0	98.2	98.4	98.4	98.8	98.8	98.8	99.0	99.0	99.0	99.0
>= 200	27.6	82.2	89.0	94.2	96.6	97.1	98.3	98.5	98.5	98.8	98.8	98.8	99.1	99.1	99.1	99.1
>= 100	27.6	82.2	89.0	94.2	96.6	97.1	98.4	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.4	99.5
>= 0	27.6	82.2	89.0	94.2	96.6	97.1	98.4	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.6	100.0

TOTAL NO. OF OBS : 1289

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : OCT
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	22.2	51.7	54.2	55.8	56.6	56.7	57.1	57.2	57.2	57.3	57.4	57.4	57.4	57.5	57.5	57.6
>=20000	22.7	54.9	57.8	59.7	60.7	60.9	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.7	61.8	61.9
>=18000	22.9	55.1	58.0	59.9	60.9	61.1	61.5	61.6	61.6	61.8	61.8	61.8	61.9	61.9	62.0	62.0
>=16000	22.9	55.2	58.0	60.0	61.0	61.2	61.6	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.1
>=14000	23.1	55.6	58.5	60.5	61.5	61.7	62.1	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.6
>=12000	23.5	56.5	59.5	61.5	62.5	62.7	63.1	63.2	63.2	63.4	63.4	63.4	63.5	63.5	63.6	63.6
>=10000	24.2	59.2	62.3	64.3	65.4	65.6	66.0	66.2	66.2	66.3	66.3	66.3	66.4	66.4	66.5	66.6
>= 9000	24.4	59.7	62.8	64.9	66.0	66.2	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.1	67.2
>= 8000	24.9	63.0	66.4	68.7	69.9	70.1	70.6	70.7	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.1
>= 7000	25.2	64.1	67.6	69.9	71.1	71.3	71.8	71.9	71.9	72.1	72.1	72.1	72.2	72.2	72.3	72.3
>= 6000	25.5	64.8	68.3	70.6	71.9	72.1	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1
>= 5000	26.0	66.3	69.9	72.3	73.6	73.8	74.3	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.9
>= 4500	26.3	67.5	71.2	73.7	75.0	75.2	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.2	76.3
>= 4000	26.8	69.6	73.5	75.9	77.3	77.5	78.1	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6
>= 3500	27.3	70.7	74.7	77.3	78.6	78.9	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.9
>= 3000	27.8	73.0	77.3	80.1	81.5	81.8	82.4	82.5	82.5	82.6	82.7	82.7	82.8	82.8	82.9	82.9
>= 2500	28.1	74.2	78.6	81.7	83.2	83.5	84.1	84.2	84.2	84.4	84.4	84.4	84.5	84.5	84.6	84.6
>= 2000	28.4	75.5	80.2	83.4	85.0	85.4	86.0	86.1	86.1	86.3	86.3	86.3	86.4	86.4	86.5	86.6
>= 1800	28.5	75.8	80.5	83.8	85.4	85.8	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.9	87.0
>= 1500	28.6	77.0	82.1	85.6	87.3	87.8	88.4	88.6	88.6	88.7	88.7	88.8	88.9	88.9	88.9	89.0
>= 1200	28.7	77.7	83.0	86.6	88.5	89.0	89.7	89.8	89.8	90.0	90.0	90.0	90.1	90.2	90.2	90.3
>= 1000	28.8	78.5	84.0	87.9	89.9	90.4	91.2	91.4	91.4	91.6	91.6	91.7	91.7	91.8	91.8	91.9
>= 900	28.8	78.7	84.4	88.4	90.6	91.1	91.9	92.1	92.1	92.3	92.4	92.4	92.5	92.5	92.5	92.6
>= 800	28.9	79.0	84.8	89.1	91.4	92.0	92.9	93.1	93.1	93.3	93.4	93.4	93.5	93.5	93.6	93.7
>= 700	28.9	79.2	85.1	89.6	92.1	92.8	93.8	94.1	94.1	94.4	94.4	94.4	94.5	94.6	94.6	94.7
>= 600	28.9	79.4	85.4	90.1	92.8	93.6	94.7	95.1	95.1	95.3	95.4	95.4	95.5	95.5	95.6	95.7
>= 500	28.9	79.5	85.7	90.6	93.5	94.4	95.7	96.0	96.1	96.3	96.4	96.4	96.6	96.6	96.7	96.7
>= 400	28.9	79.7	86.0	90.9	94.0	95.0	96.4	96.9	96.9	97.3	97.5	97.5	97.6	97.7	97.7	97.8
>= 300	28.9	79.8	86.1	91.1	94.4	95.4	96.9	97.4	97.5	97.9	98.2	98.2	98.4	98.4	98.5	98.6
>= 200	28.9	79.8	86.1	91.2	94.4	95.5	97.1	97.6	97.6	98.1	98.4	98.5	98.7	98.8	98.9	99.0
>= 100	28.9	79.8	86.2	91.2	94.4	95.5	97.1	97.7	97.7	98.3	98.6	98.6	99.0	99.0	99.2	99.5
>= 0	28.9	79.8	86.2	91.2	94.4	95.5	97.1	97.7	97.7	98.3	98.6	98.6	99.0	99.0	99.3	100.0

TOTAL NO. OF OBS : 10265

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	1.8	1.3	.1	.0	.0	.0	.0	.0	.0	5.2	8.2
NNE	.4	1.0	1.4	.4	.3	.0	.0	.0	.0	.0	.0	3.6	8.1
NE	.3	1.4	1.4	.7	.2	.0	.0	.0	.0	.0	.0	4.1	8.2
ENE	.1	.9	.8	.2	.2	.0	.0	.0	.0	.0	.0	2.1	7.9
E	.3	1.1	.9	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.9
ESE	.5	1.0	.7	.2	.0	.2	.1	.0	.0	.0	.0	2.6	8.0
SE	.6	1.0	.9	.2	.0	.0	.0	.0	.0	.0	.0	2.8	6.1
SSE	.6	.6	.9	.7	.2	.0	.0	.0	.0	.0	.0	3.0	8.4
S	1.1	2.4	2.5	.9	.0	.0	.0	.0	.0	.0	.0	6.8	6.7
SSW	.5	2.2	2.7	1.4	.2	.1	.0	.0	.0	.0	.0	7.1	8.4
SW	.6	1.7	3.0	2.3	.2	.0	.0	.0	.0	.0	.0	7.9	8.9
WSW	1.0	1.4	2.2	1.2	.1	.0	.0	.0	.0	.0	.0	5.8	7.7
W	1.4	2.4	2.0	1.2	.0	.1	.0	.0	.0	.0	.0	7.0	7.0
WNW	.6	2.3	2.3	1.2	.4	.0	.0	.0	.0	.0	.0	6.8	8.4
NW	1.4	3.5	2.9	2.1	1.3	.5	.2	.0	.0	.0	.0	11.8	9.7
NNW	1.0	2.6	2.9	2.1	.9	.6	.0	.1	.0	.0	.0	10.2	9.9
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	10.9	.0
ALL	10.8	27.1	29.3	16.3	4.0	1.4	.2	.1	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	1.7	2.1	1.0	.2	.0	.0	.0	.0	.0	.0	5.6	8.4
NNE	.2	1.7	1.1	.7	.1	.0	.0	.0	.0	.0	.0	3.8	7.5
NE	.6	1.0	1.4	.6	.2	.0	.0	.0	.0	.0	.0	3.9	8.1
ENE	.4	1.4	1.0	.2	.0	.1	.0	.0	.0	.0	.0	3.1	6.6
E	.7	1.3	.9	.1	.1	.0	.0	.0	.0	.0	.0	3.0	5.8
ESE	.1	.9	.4	.1	.0	.0	.1	.0	.0	.0	.0	1.5	7.4
SE	.5	.6	.6	.3	.1	.0	.0	.0	.0	.0	.0	2.0	7.2
SSE	.6	1.3	.5	.6	.1	.1	.1	.0	.0	.0	.0	3.1	7.7
S	.8	1.3	1.5	1.0	.1	.0	.0	.0	.0	.0	.0	4.6	7.7
SSW	.6	1.7	2.3	1.5	.2	.0	.0	.0	.0	.0	.0	6.2	8.4
SW	1.0	2.3	2.4	1.9	.2	.0	.0	.0	.0	.0	.0	7.8	8.2
WSW	.7	1.3	2.3	.8	.0	.0	.0	.0	.0	.0	.0	5.1	7.7
W	1.6	3.8	2.1	1.0	.1	.1	.0	.0	.0	.0	.0	8.7	6.3
WNW	1.4	2.5	2.4	.6	.5	.2	.0	.0	.0	.0	.0	7.7	7.8
NW	1.9	3.3	2.9	1.5	1.0	.7	.1	.0	.0	.0	.0	11.5	9.2
NNW	.9	2.1	4.0	1.9	1.0	.4	.2	.0	.0	.0	.0	10.4	10.3
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	.0
ALL	12.5	28.1	27.9	13.7	3.9	1.6	.4	.0	.0	.0	.0	100.0	7.1

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 0700 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	1.9	1.8	.7	.2	.2	.0	.0	.0	.0	.0	5.7	7.7
NNE	.1	1.1	1.4	1.2	.2	.0	.1	.0	.0	.0	.0	4.0	9.5
NE	.3	1.3	1.3	.7	.2	.0	.0	.0	.0	.0	.0	3.8	8.5
ENE	.5	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	2.9	6.1
E	.6	1.6	.9	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.1
ESE	.3	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.4	6.3
SE	.1	1.1	.3	.5	.0	.0	.0	.0	.0	.0	.0	2.0	7.3
SSE	.6	.6	.8	.5	.2	.0	.0	.0	.0	.0	.0	2.6	7.5
S	1.2	1.9	1.4	.8	.2	.0	.0	.0	.0	.0	.0	5.4	7.0
SSW	.7	2.1	2.1	1.0	.1	.0	.0	.0	.0	.0	.0	6.0	7.6
SW	.9	1.9	2.2	1.4	.5	.0	.0	.0	.0	.0	.0	6.9	8.5
WSW	.9	2.0	1.4	.6	.2	.0	.0	.0	.0	.0	.0	5.2	7.2
W	2.0	3.4	2.2	.7	.1	.0	.0	.0	.0	.0	.0	8.4	6.1
WNW	1.0	2.1	3.0	1.4	.4	.2	.1	.0	.0	.0	.0	8.1	8.5
NW	1.4	3.0	2.8	1.7	.8	.2	.2	.0	.0	.0	.0	10.1	8.9
NNW	1.2	3.2	3.0	2.9	.9	.3	.0	.0	.0	.0	.0	11.4	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	12.7	.0
ALL	12.6	29.1	25.7	14.8	3.9	.8	.4	.0	.0	.0	.0	100.0	6.9

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	1.5	2.9	1.4	.3	.0	.1	.0	.0	.0	.0	6.8	9.0
NNE	.6	1.3	2.5	.9	.1	.1	.1	.0	.0	.0	.0	5.5	8.4
NE	.7	1.7	1.3	.6	.0	.0	.0	.0	.0	.0	.0	4.4	6.8
ENE	.2	1.0	1.0	.4	.0	.0	.0	.0	.0	.0	.0	2.7	7.2
E	.3	1.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	3.1	6.6
ESE	.6	.8	.8	.2	.0	.1	.0	.1	.0	.0	.0	2.5	7.7
SE	.6	2.1	1.0	1.0	.2	.0	.0	.0	.0	.0	.0	4.9	8.0
SSE	.2	.6	1.0	.5	.1	.1	.0	.0	.0	.0	.0	2.3	8.8
S	.3	1.2	1.8	1.0	.3	.0	.0	.0	.0	.0	.0	4.7	9.1
SSW	.3	1.1	2.0	1.9	.5	.0	.0	.0	.0	.0	.0	5.8	9.6
SW	.6	1.2	2.5	2.5	.4	.1	.0	.0	.0	.0	.0	7.3	9.6
WSW	.6	1.7	1.8	1.5	.4	.1	.0	.0	.0	.0	.0	6.2	9.1
W	.6	2.1	2.8	1.1	.3	.0	.0	.0	.0	.0	.0	6.9	8.1
WNW	.8	2.1	2.5	1.9	.8	.2	.0	.0	.0	.0	.0	8.3	9.5
NW	.5	2.3	2.9	3.3	1.6	.7	.2	.1	.0	.0	.0	11.5	11.8
NNW	.5	2.1	4.2	3.5	.6	.3	.2	.0	.0	.0	.0	11.4	10.7
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	5.6	.0
ALL	7.9	24.7	31.6	22.1	5.6	1.6	.6	.2	.0	.0	.0	100.0	8.7

TOTAL NO. OF OBS : 1258

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 1300 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.6	2.9	2.8	1.4	.4	.1	.0	.0	.0	.0	.0	8.1	8.1
NNE	.7	1.7	2.5	.6	.2	.0	.0	.0	.0	.0	.0	5.8	7.6
NE	.5	1.7	1.4	.4	.2	.0	.0	.0	.0	.0	.0	4.1	7.2
ENE	.3	.8	.6	.2	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
E	1.0	1.1	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.9	5.3
ESE	.4	2.5	1.3	.3	.0	.0	.0	.0	.0	.0	.0	4.4	6.2
SE	1.5	2.9	3.7	1.2	.4	.0	.0	.0	.0	.0	.0	9.7	7.3
SSE	.2	1.3	1.7	1.4	.3	.0	.0	.0	.0	.0	.0	4.8	9.1
S	.2	.6	2.1	1.2	.4	.1	.0	.0	.0	.0	.0	4.4	10.4
SSW	.1	.7	2.4	1.2	.2	.1	.0	.0	.0	.0	.0	4.7	10.2
SW	.5	.7	2.6	1.5	.5	.2	.0	.0	.0	.0	.0	6.0	10.0
WSW	.2	1.0	1.9	1.3	.6	.1	.0	.0	.0	.0	.0	5.1	10.5
W	.4	1.4	2.6	1.4	.2	.0	.0	.0	.0	.0	.0	6.0	8.9
WNW	.2	1.0	2.3	2.1	1.2	.3	.1	.0	.0	.0	.0	7.1	12.0
NW	.7	2.0	3.4	4.4	1.4	1.3	.2	.0	.0	.0	.0	13.4	12.3
NNW	.6	1.7	2.9	2.6	.9	.2	.0	.1	.0	.0	.0	9.1	10.1
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	2.5	.0
ALL	8.0	24.0	34.8	21.3	6.8	2.2	.2	.1	.0	.0	.0	100.0	9.1

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.7	2.3	1.4	.2	.0	.1	.0	.0	.0	.0	7.6	7.9
NNE	1.0	3.0	1.7	.4	.2	.0	.0	.0	.0	.0	.0	6.3	6.3
NE	1.2	.8	.9	.3	.0	.0	.0	.0	.0	.0	.0	3.2	5.9
ENE	.6	.9	.6	.2	.2	.0	.0	.0	.0	.0	.0	2.4	6.7
E	.8	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.5	5.1
ESE	.7	1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	3.3	6.4
SE	2.1	4.4	2.6	.9	.0	.0	.0	.0	.0	.0	.0	10.0	6.2
SSE	.6	2.8	4.1	1.8	.2	.0	.0	.0	.0	.0	.0	9.5	8.3
S	.4	2.2	1.9	.7	.3	.0	.0	.0	.0	.0	.0	5.6	7.8
SSW	.4	1.2	1.4	1.1	.1	.0	.0	.0	.0	.0	.0	4.2	8.4
SW	.2	1.7	1.4	.8	.2	.0	.0	.0	.0	.0	.0	4.4	8.2
WSW	.3	1.3	1.8	.5	.0	.0	.0	.0	.0	.0	.0	3.9	7.8
W	.3	2.8	2.1	1.4	.1	.0	.0	.0	.0	.0	.0	6.8	7.9
WNW	.3	.7	1.6	1.9	.6	.4	.0	.0	.0	.0	.0	5.6	11.9
NW	.2	1.9	3.5	3.4	2.0	.9	.2	.0	.0	.0	.0	12.1	12.4
NNW	.5	2.0	2.7	2.3	.2	.2	.1	.0	.0	.0	.0	7.9	9.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	.0
ALL	10.5	30.6	30.1	17.7	4.4	1.4	.3	.0	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 1900 LST

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.1	2.8	1.7	.8	.3	.0	.1	.1	.0	.0	.0	6.9	7.7
NNE	.6	1.9	1.2	.4	.2	.0	.0	.0	.0	.0	.0	4.3	6.8
NE	.2	1.5	.9	.4	.1	.0	.0	.0	.0	.0	.0	3.0	7.5
ENE	.2	.6	.6	.2	.1	.0	.0	.0	.0	.0	.0	1.7	7.1
E	.6	.8	.8	.3	.0	.0	.0	.0	.0	.0	.0	2.5	6.5
ESE	.3	.3	.9	.3	.1	.0	.0	.0	.0	.0	.0	1.9	8.3
SE	.4	1.7	1.4	.4	.2	.1	.0	.0	.0	.0	.0	4.2	7.8
SSE	2.0	2.2	1.9	1.0	.2	.1	.0	.0	.0	.0	.0	7.3	6.7
S	2.5	4.1	3.1	1.0	.1	.2	.0	.0	.0	.0	.0	11.0	6.4
SSW	1.6	2.2	2.4	1.4	.0	.0	.0	.0	.0	.0	.0	7.5	6.9
SW	1.0	1.1	1.8	.5	.3	.0	.0	.0	.0	.0	.0	4.7	7.6
WSW	.5	.7	.2	.6	.1	.0	.0	.0	.0	.0	.0	2.1	7.5
W	1.0	1.4	1.4	.7	.2	.0	.0	.0	.0	.0	.0	4.8	7.4
WNW	.6	1.4	1.3	1.5	.5	.2	.0	.0	.0	.0	.0	5.5	9.8
NW	1.0	1.9	1.8	2.4	1.0	.8	.1	.0	.0	.0	.0	9.0	10.9
NNW	1.0	2.3	3.0	1.9	.7	.2	.1	.0	.0	.0	.0	9.3	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	14.1	.0
ALL	14.8	27.0	24.5	13.7	3.9	1.6	.2	.1	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 2200 LST

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.8	1.8	.8	.2	.0	.0	.0	.0	.0	.0	5.4	7.9
NNE	.4	1.0	.9	.7	.4	.0	.0	.0	.0	.0	.0	3.4	8.9
NE	.4	1.2	1.4	.4	.2	.0	.0	.0	.0	.0	.0	3.5	7.5
ENE	.2	1.4	1.3	.6	.0	.0	.0	.0	.0	.0	.0	3.5	7.4
E	.4	1.4	1.0	.1	.1	.0	.0	.0	.0	.0	.0	2.9	6.1
ESE	.0	.8	1.0	.5	.0	.1	.0	.0	.0	.0	.0	2.3	8.8
SE	.6	1.0	1.0	.6	.1	.2	.0	.0	.0	.0	.0	3.3	8.4
SSE	.7	2.2	1.3	.5	.2	.0	.0	.0	.0	.0	.0	4.8	6.8
S	1.6	2.9	2.8	1.1	.3	.0	.0	.0	.0	.0	.0	8.7	7.2
SSW	1.3	1.8	2.9	1.6	.1	.0	.0	.0	.0	.0	.0	7.6	7.7
SW	.8	2.1	2.8	1.8	.2	.1	.0	.0	.0	.0	.0	7.9	8.4
WSW	.8	.8	1.4	.4	.0	.0	.0	.0	.0	.0	.0	3.4	7.0
W	.7	1.4	1.3	1.0	.0	.1	.0	.0	.0	.0	.0	4.4	7.9
WNW	.9	2.1	2.5	1.8	.4	.0	.1	.0	.0	.0	.0	7.8	8.9
NW	1.4	2.5	1.6	2.0	.9	.6	.2	.0	.0	.0	.0	9.1	10.2
NNW	.6	2.7	2.9	2.5	1.0	.3	.2	.0	.0	.0	.0	10.2	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.8	.0
ALL	11.4	27.1	27.6	16.3	4.0	1.4	.4	.0	.0	.0	.0	100.0	7.3

TOTAL NO. OF OBS : 1259

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : NOV
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	2.1	2.2	1.1	.3	.0*	.0*	.0*	.0	.0	.0	6.4	8.1
NNE	.5	1.6	1.6	.7	.2	.0*	.0*	.0	.0	.0	.0	4.6	7.8
NE	.5	1.3	1.2	.5	.1	.0	.0	.0	.0	.0	.0	3.7	7.5
ENE	.3	1.1	.8	.3	.0*	.0*	.0	.0	.0	.0	.0	2.5	6.9
E	.6	1.3	.8	.2	.0*	.0	.0	.0	.0	.0	.0	2.8	6.0
ESE	.4	1.0	.8	.3	.0*	.0*	.0*	.0*	.0	.0	.0	2.5	7.3
SE	.8	1.9	1.4	.6	.1	.0*	.0	.0	.0	.0	.0	4.9	7.2
SSE	.7	1.4	1.5	.9	.2	.0*	.0*	.0	.0	.0	.0	4.7	7.8
S	1.0	2.1	2.1	1.0	.2	.0*	.0	.0	.0	.0	.0	6.4	7.5
SSW	.7	1.6	2.3	1.4	.2	.0*	.0	.0	.0	.0	.0	6.1	8.3
SW	.7	1.6	2.4	1.6	.3	.0*	.0	.0	.0	.0	.0	6.6	8.7
WSW	.6	1.3	1.6	.9	.2	.0*	.0	.0	.0	.0	.0	4.6	8.2
W	1.0	2.3	2.1	1.1	.1	.0*	.0	.0	.0	.0	.0	6.6	7.3
WNW	.7	1.8	2.2	1.5	.6	.2	.0*	.0	.0	.0	.0	7.1	9.5
NW	1.1	2.6	2.7	2.6	1.2	.7	.1	.0*	.0	.0	.0	11.1	10.7
NNW	.8	2.3	3.2	2.5	.8	.3	.1	.0*	.0	.0	.0	10.0	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3	.0
ALL	11.1	27.2	29.0	17.0	4.6	1.5	.3	.0*	.0	.0	.0	100.0	7.7

TOTAL NO. OF OBS : 10071

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	19.5	55.1	56.8	57.9	59.3	59.4	59.5	59.7	59.7	59.9	59.9	59.9	60.0	60.0	60.2	60.4
>=20000	19.6	57.4	59.2	60.5	61.8	61.9	62.1	62.2	62.2	62.5	62.5	62.5	62.6	62.6	62.7	63.1
>=18000	19.7	57.6	59.4	60.6	62.0	62.1	62.2	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.9	63.2
>=16000	19.8	57.7	59.4	60.7	62.1	62.2	62.3	62.5	62.5	62.7	62.7	62.7	62.8	62.8	63.0	63.3
>=14000	19.8	58.0	59.8	61.0	62.4	62.5	62.7	62.8	62.8	63.1	63.1	63.1	63.1	63.1	63.3	63.6
>=12000	20.1	58.9	60.7	62.0	63.5	63.5	63.7	63.9	63.9	64.1	64.1	64.1	64.2	64.2	64.3	64.7
>=10000	20.7	61.6	63.5	64.9	66.4	66.5	66.7	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.3	67.7
>= 9000	20.8	61.8	63.8	65.1	66.7	66.8	67.0	67.1	67.1	67.4	67.4	67.4	67.5	67.5	67.6	68.0
>= 8000	21.5	65.3	67.6	69.1	70.8	70.9	71.1	71.2	71.2	71.5	71.5	71.5	71.6	71.6	71.7	72.1
>= 7000	21.8	66.3	68.7	70.2	71.9	72.0	72.2	72.4	72.4	72.6	72.6	72.6	72.7	72.7	72.9	73.3
>= 6000	22.2	68.1	70.6	72.1	73.8	74.0	74.1	74.3	74.3	74.5	74.5	74.5	74.6	74.6	74.8	75.2
>= 5000	22.7	69.9	72.4	74.0	75.7	75.8	76.0	76.1	76.1	76.4	76.4	76.4	76.5	76.5	76.6	77.0
>= 4500	22.9	70.8	73.3	74.9	76.8	76.9	77.1	77.3	77.3	77.5	77.5	77.5	77.6	77.6	77.8	78.2
>= 4000	23.2	72.4	75.0	76.7	78.6	78.7	78.9	79.0	79.0	79.3	79.3	79.3	79.4	79.4	79.5	79.9
>= 3500	23.4	73.8	76.4	78.1	79.9	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.9	81.3
>= 3000	23.5	76.2	79.0	80.6	82.6	82.7	82.9	83.1	83.1	83.3	83.3	83.3	83.4	83.4	83.5	83.9
>= 2500	23.6	78.0	81.0	82.8	84.7	84.9	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.7	86.1
>= 2000	23.8	78.8	81.9	84.1	86.0	86.3	86.4	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.1	87.5
>= 1800	23.9	79.2	82.5	84.8	86.8	87.1	87.2	87.4	87.4	87.6	87.6	87.6	87.7	87.7	87.9	88.3
>= 1500	24.0	79.4	83.1	85.7	87.8	88.0	88.2	88.4	88.4	88.6	88.6	88.6	88.7	88.7	88.8	89.2
>= 1200	24.1	80.0	83.9	86.7	88.9	89.2	89.3	89.5	89.5	89.7	89.7	89.7	89.8	89.8	90.0	90.4
>= 1000	24.1	80.5	84.7	87.7	90.0	90.4	90.6	90.8	90.8	91.0	91.0	91.0	91.1	91.1	91.2	91.6
>= 900	24.1	80.6	84.9	88.1	90.4	90.8	91.0	91.2	91.2	91.5	91.5	91.5	91.6	91.6	91.7	92.1
>= 800	24.1	80.9	85.2	88.6	91.0	91.3	91.6	91.8	91.8	92.1	92.1	92.1	92.2	92.2	92.4	92.8
>= 700	24.1	81.3	85.6	89.1	91.6	92.0	92.4	92.7	92.7	93.0	93.0	93.0	93.1	93.1	93.3	93.7
>= 600	24.1	81.4	85.9	89.3	92.0	92.4	92.9	93.2	93.2	93.5	93.5	93.5	93.6	93.6	93.7	94.1
>= 500	24.1	81.5	86.1	90.0	92.9	93.5	94.1	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9	95.3
>= 400	24.1	81.6	86.3	90.5	93.5	94.4	95.0	95.3	95.3	95.7	95.7	95.8	95.9	95.9	96.1	96.5
>= 300	24.1	81.8	86.6	90.8	93.7	94.8	95.7	96.1	96.1	96.5	96.5	96.6	96.7	96.7	96.9	97.3
>= 200	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.6	97.8	97.9	98.1	98.1	98.2	98.8
>= 100	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.7	98.0	98.2	98.4	98.4	98.6	99.3
>= 0	24.1	81.8	86.6	90.9	94.0	95.0	96.5	97.0	97.0	97.7	98.0	98.2	98.5	98.5	98.8	100.0

TOTAL NO. OF OBS : 1245

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 0400 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)															
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	18.3	53.2	55.7	56.2	57.1	57.5	58.0	58.3	58.4	58.4	58.5	58.5	58.6	58.7	58.7	59.2
>=20000	18.5	55.3	57.8	58.4	59.4	59.7	60.3	60.5	60.6	60.7	60.9	60.9	60.9	61.0	61.0	61.6
>=18000	18.5	55.4	58.0	58.6	59.6	60.0	60.5	60.8	60.9	60.9	61.1	61.1	61.2	61.3	61.3	61.8
>=16000	18.6	55.6	58.2	58.8	59.8	60.1	60.7	60.9	61.0	61.1	61.3	61.3	61.3	61.4	61.4	62.0
>=14000	18.6	55.6	58.2	58.8	59.9	60.2	60.8	61.0	61.1	61.2	61.3	61.3	61.4	61.5	61.5	62.1
>=12000	18.9	56.5	59.2	59.8	60.9	61.2	61.7	62.0	62.1	62.1	62.3	62.3	62.4	62.5	62.5	63.1
>=10000	19.4	58.9	61.8	62.6	63.8	64.2	64.7	65.0	65.1	65.2	65.4	65.4	65.5	65.5	65.5	66.2
>= 9000	19.6	59.4	62.3	63.2	64.4	64.8	65.4	65.6	65.7	65.9	66.0	66.0	66.1	66.2	66.2	66.8
>= 8000	20.4	62.9	66.2	67.2	68.4	68.8	69.4	69.7	69.7	69.9	70.1	70.1	70.1	70.2	70.2	70.9
>= 7000	20.4	63.6	67.1	68.1	69.4	69.8	70.4	70.6	70.7	70.9	71.0	71.0	71.1	71.2	71.2	71.8
>= 6000	21.1	65.0	68.5	69.6	70.9	71.3	71.8	72.1	72.2	72.3	72.5	72.5	72.6	72.6	72.6	73.3
>= 5000	21.5	66.7	70.5	71.7	73.1	73.5	74.1	74.3	74.4	74.6	74.7	74.7	74.8	74.9	74.9	75.5
>= 4500	21.8	67.9	71.8	73.0	74.4	74.8	75.4	75.6	75.7	75.9	76.0	76.0	76.1	76.2	76.2	76.8
>= 4000	22.0	69.5	73.4	74.8	76.4	76.8	77.3	77.6	77.6	77.8	78.0	78.0	78.0	78.1	78.1	78.8
>= 3500	22.0	70.5	74.5	75.9	77.5	77.9	78.5	78.7	78.8	78.9	79.1	79.1	79.2	79.3	79.3	79.9
>= 3000	22.2	72.4	76.8	78.3	80.1	80.5	81.1	81.4	81.4	81.6	81.8	81.8	81.8	81.9	81.9	82.6
>= 2500	22.5	73.9	78.5	80.1	81.9	82.4	83.1	83.3	83.4	83.5	83.7	83.7	83.8	83.9	83.9	84.5
>= 2000	22.7	74.9	79.7	81.4	83.3	83.8	84.4	84.7	84.7	84.9	85.1	85.1	85.1	85.2	85.2	85.9
>= 1800	22.8	75.0	79.9	81.6	83.5	84.0	84.7	84.9	85.0	85.1	85.3	85.3	85.4	85.5	85.5	86.1
>= 1500	22.8	75.2	80.3	82.5	84.5	85.0	85.6	85.9	86.0	86.1	86.3	86.3	86.4	86.4	86.4	87.1
>= 1200	22.9	75.8	81.0	83.4	85.8	86.3	87.0	87.2	87.3	87.5	87.7	87.7	87.7	87.8	87.8	88.5
>= 1000	22.9	76.7	82.2	84.7	87.2	87.7	88.5	88.7	88.8	88.9	89.1	89.1	89.2	89.3	89.3	90.0
>= 900	23.0	77.0	82.6	85.1	87.7	88.2	89.1	89.3	89.4	89.6	89.7	89.7	89.8	89.9	89.9	90.6
>= 800	23.0	77.2	82.9	85.8	88.5	89.1	90.0	90.2	90.3	90.5	90.6	90.6	90.7	90.8	90.8	91.6
>= 700	23.2	77.7	83.5	86.6	89.5	90.2	91.2	91.4	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.8
>= 600	23.2	78.4	84.3	87.4	90.3	91.0	92.2	92.5	92.6	92.7	92.9	92.9	93.0	93.1	93.1	93.9
>= 500	23.2	78.5	84.5	87.9	91.0	91.8	93.0	93.3	93.4	93.6	93.9	93.9	94.0	94.1	94.1	94.9
>= 400	23.2	78.6	84.9	88.5	91.8	92.7	94.0	94.7	94.8	95.0	95.2	95.3	95.5	95.6	95.6	96.4
>= 300	23.2	78.6	84.9	88.7	92.3	93.1	94.7	95.3	95.4	95.6	95.9	96.0	96.2	96.3	96.3	97.1
>= 200	23.2	78.6	84.9	88.8	92.6	93.5	95.2	96.0	96.1	96.5	96.8	96.9	97.2	97.3	97.4	98.2
>= 100	23.2	78.6	84.9	88.8	92.6	93.5	95.3	96.1	96.2	96.6	96.9	97.1	97.6	97.7	97.8	98.8
>= 0	23.2	78.6	84.9	88.8	92.6	93.5	95.3	96.1	96.2	96.6	97.0	97.2	97.7	97.8	98.0	100.0

TOTAL NO. OF OBS : 1239

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	16.2	42.8	46.2	48.8	49.9	50.2	50.8	51.3	51.3	51.3	51.5	51.5	51.7	51.7	52.0	52.5
>=20000	16.6	45.9	49.6	52.3	53.6	54.1	54.7	55.1	55.2	55.2	55.4	55.4	55.6	55.6	55.9	56.3
>=18000	16.7	46.0	49.7	52.5	53.8	54.2	54.9	55.3	55.4	55.4	55.5	55.5	55.8	55.8	56.0	56.5
>=16000	16.7	46.2	50.0	52.7	54.0	54.5	55.1	55.5	55.6	55.6	55.8	55.8	56.0	56.0	56.3	56.8
>=14000	16.9	46.4	50.1	52.9	54.2	54.6	55.3	55.7	55.8	55.8	55.9	55.9	56.2	56.2	56.4	56.9
>=12000	17.2	47.4	51.2	53.9	55.2	55.7	56.4	56.8	56.9	56.9	57.1	57.1	57.3	57.3	57.6	58.0
>=10000	17.8	49.8	53.9	56.9	58.3	58.9	59.6	60.0	60.1	60.1	60.2	60.2	60.5	60.5	60.7	61.2
>= 9000	17.9	50.2	54.3	57.4	58.8	59.3	60.1	60.5	60.5	60.5	60.7	60.7	61.0	61.0	61.2	61.7
>= 8000	19.0	54.6	58.8	62.1	63.6	64.3	65.2	65.7	65.8	65.8	66.0	66.0	66.2	66.2	66.5	67.0
>= 7000	19.5	56.2	60.5	63.9	65.6	66.3	67.2	67.7	67.7	67.7	67.9	67.9	68.1	68.1	68.4	69.0
>= 6000	20.0	57.6	61.9	65.4	67.1	67.9	68.8	69.3	69.4	69.4	69.5	69.5	69.8	69.8	70.0	70.6
>= 5000	20.4	58.8	63.4	66.9	68.6	69.5	70.4	70.9	71.0	71.1	71.2	71.2	71.5	71.5	71.7	72.3
>= 4500	20.7	59.8	64.7	68.4	70.1	71.0	71.9	72.4	72.4	72.5	72.7	72.7	72.9	72.9	73.2	73.7
>= 4000	21.3	61.8	66.9	70.9	72.7	73.6	74.5	74.9	75.0	75.1	75.3	75.3	75.5	75.5	75.7	76.3
>= 3500	21.3	62.3	67.4	71.5	73.3	74.2	75.1	75.6	75.7	75.7	75.9	75.9	76.2	76.2	76.4	77.0
>= 3000	22.1	64.5	69.8	74.1	76.0	76.9	77.9	78.4	78.5	78.6	78.8	78.8	79.1	79.1	79.4	80.0
>= 2500	22.4	66.1	71.5	76.0	78.1	79.0	80.0	80.5	80.6	80.7	80.9	80.9	81.2	81.2	81.5	82.1
>= 2000	22.9	67.4	73.2	77.9	80.5	81.5	82.6	83.1	83.2	83.3	83.5	83.5	83.8	83.8	84.1	84.6
>= 1800	23.0	67.7	73.6	78.3	80.8	81.8	82.9	83.5	83.6	83.7	83.9	83.9	84.2	84.2	84.5	85.0
>= 1500	23.2	68.7	74.5	79.7	82.5	83.4	84.6	85.2	85.3	85.4	85.7	85.7	86.0	86.0	86.3	86.9
>= 1200	23.4	69.3	75.1	80.3	83.2	84.2	85.4	85.9	86.0	86.2	86.4	86.4	86.7	86.7	87.1	87.6
>= 1000	23.4	69.8	75.7	81.3	84.2	85.3	86.7	87.3	87.5	87.6	87.9	87.9	88.2	88.2	88.5	89.1
>= 900	23.5	70.1	76.2	81.8	84.8	85.9	87.3	88.0	88.1	88.4	88.6	88.6	88.9	88.9	89.2	89.8
>= 800	23.7	70.7	76.7	82.6	85.8	87.0	88.5	89.2	89.4	89.7	89.9	89.9	90.2	90.2	90.5	91.1
>= 700	23.8	70.7	77.0	83.0	86.3	87.6	89.2	90.0	90.1	90.5	90.7	90.7	91.0	91.0	91.4	91.9
>= 600	23.8	71.0	77.5	83.8	87.3	88.8	90.6	91.4	91.6	91.9	92.2	92.2	92.5	92.5	92.8	93.4
>= 500	23.8	71.2	77.9	84.3	88.0	89.4	91.6	92.6	92.7	93.2	93.5	93.5	93.8	93.8	94.1	94.7
>= 400	23.8	71.4	78.2	84.6	88.7	90.2	92.5	93.7	93.9	94.4	94.7	94.7	95.1	95.1	95.4	96.0
>= 300	23.8	71.5	78.3	84.8	88.9	90.5	92.9	94.2	94.3	95.1	95.4	95.4	95.8	95.9	96.2	96.9
>= 200	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	95.6	96.1	96.1	96.6	96.7	97.2	98.1
>= 100	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	95.7	96.2	96.2	96.8	96.9	97.6	99.0
>= 0	23.8	71.5	78.3	84.9	89.2	90.9	93.3	94.6	94.7	95.7	96.2	96.2	96.8	96.9	97.7	100.0

TOTAL NO. OF OBS : 1237

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 1000 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING	VISIBILITY (STATUTE MILES)														
	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	22.6	46.6	48.0	50.0	50.4	50.9	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0	51.1	51.2
>=20000	23.4	50.6	52.2	54.3	54.8	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4	55.6
>=18000	23.6	50.9	52.6	54.7	55.2	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	56.0
>=16000	23.7	51.3	52.9	55.0	55.5	55.9	55.9	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.2	56.3
>=14000	24.0	51.8	53.4	55.5	56.0	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.9
>=12000	24.6	53.1	54.8	57.0	57.5	57.9	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.3	58.4
>=10000	25.3	56.2	57.9	60.4	61.1	61.6	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.2
>= 9000	25.4	56.4	58.2	60.6	61.4	61.9	62.0	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.3	62.4
>= 8000	26.9	61.3	63.3	66.0	66.8	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.9
>= 7000	27.7	62.7	64.8	67.7	68.5	69.0	69.2	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.6
>= 6000	28.4	64.1	66.3	69.3	70.2	70.7	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.1	71.2
>= 5000	29.0	65.8	68.1	71.1	72.0	72.6	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.2
>= 4500	29.3	66.9	69.2	72.4	73.3	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.5
>= 4000	29.7	68.2	70.8	74.1	75.1	75.6	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.2
>= 3500	30.0	69.4	72.0	75.4	76.4	76.9	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.5
>= 3000	30.6	71.7	74.7	78.3	79.5	80.1	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.6	80.8
>= 2500	31.1	73.2	76.2	79.8	81.0	81.6	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0	82.1	82.2
>= 2000	31.1	74.8	78.1	81.8	83.2	83.9	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.6	84.8
>= 1800	31.1	75.0	78.2	82.0	83.4	84.1	84.4	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.8	84.9
>= 1500	31.2	75.8	79.3	83.2	84.8	85.5	86.0	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.4	86.6
>= 1200	31.3	76.3	79.9	83.9	85.7	86.5	87.0	87.3	87.4	87.4	87.6	87.6	87.6	87.6	87.7	87.9
>= 1000	31.4	77.0	81.1	85.2	87.2	88.0	88.6	88.8	88.9	89.1	89.2	89.2	89.2	89.2	89.3	89.5
>= 900	31.4	77.4	81.6	85.9	88.0	88.8	89.4	89.6	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.3
>= 800	31.5	77.8	82.2	86.6	88.8	89.8	90.5	90.8	90.9	91.1	91.3	91.3	91.3	91.3	91.4	91.5
>= 700	31.5	78.1	82.6	87.0	89.4	90.5	91.1	91.6	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.5
>= 600	31.5	78.2	82.9	87.4	90.3	91.4	92.3	93.0	93.1	93.4	93.6	93.6	93.6	93.6	93.7	93.9
>= 500	31.5	78.5	83.3	87.9	91.2	92.4	93.2	94.1	94.1	94.7	94.9	94.9	94.9	94.9	95.0	95.2
>= 400	31.5	78.6	83.5	88.3	91.9	93.4	94.4	95.5	95.6	96.4	96.7	96.7	96.7	96.7	96.9	97.1
>= 300	31.5	78.6	83.5	88.3	92.1	93.6	94.8	96.1	96.2	97.1	97.4	97.4	97.6	97.6	98.0	98.1
>= 200	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	97.9	97.9	98.1	98.2	98.9	99.1
>= 100	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	98.0	98.0	98.2	98.3	99.0	99.6
>= 0	31.5	78.6	83.5	88.3	92.2	93.7	94.9	96.3	96.3	97.3	98.0	98.0	98.2	98.3	99.0	100.0

TOTAL NO. OF OBS : 1227

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 1300 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	24.9	46.5	48.3	49.3	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9	49.9
>=20000	26.2	52.1	54.0	55.0	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.8	55.8	55.8	55.8
>=18000	26.2	52.1	54.1	55.1	55.5	55.5	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9
>=16000	26.6	52.6	54.5	55.5	55.9	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3
>=14000	27.1	53.6	55.6	56.7	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4
>=12000	27.7	55.4	57.5	58.6	59.0	59.1	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4
>=10000	29.0	59.0	61.5	62.8	63.4	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
>= 9000	29.0	59.4	61.9	63.2	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3
>= 8000	29.8	62.7	65.3	66.9	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
>= 7000	30.2	63.6	66.4	68.2	69.1	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6
>= 6000	30.6	64.4	67.2	69.1	70.0	70.1	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
>= 5000	31.2	66.0	68.8	70.7	71.8	71.9	72.1	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.4	72.4
>= 4500	31.4	66.7	69.6	71.8	72.9	72.9	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
>= 4000	32.3	69.0	71.9	74.1	75.2	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.9	75.9
>= 3500	32.8	70.0	73.3	75.6	76.8	76.9	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.5
>= 3000	34.2	74.3	77.6	80.0	81.4	81.5	81.8	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.2	82.2
>= 2500	35.0	76.3	79.7	82.1	83.5	83.6	83.9	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3
>= 2000	36.1	78.4	81.8	84.6	86.1	86.3	86.8	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.3	87.3
>= 1800	36.1	78.5	82.2	84.9	86.6	86.7	87.2	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.7	87.7
>= 1500	36.6	79.9	83.7	86.6	88.3	88.4	88.9	89.2	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
>= 1200	36.7	80.4	84.6	87.5	89.2	89.4	90.0	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.5	90.5
>= 1000	36.9	81.4	85.8	89.2	91.1	91.4	92.1	92.3	92.3	92.6	92.6	92.6	92.7	92.7	92.7	92.7
>= 900	36.9	81.4	86.0	89.4	91.3	91.7	92.3	92.6	92.6	92.8	92.8	92.8	92.9	92.9	93.0	93.0
>= 800	36.9	81.6	86.3	89.8	91.7	92.2	92.9	93.2	93.2	93.4	93.4	93.4	93.5	93.5	93.6	93.6
>= 700	36.9	81.9	86.7	90.3	92.2	92.9	94.0	94.4	94.4	94.7	94.7	94.7	94.8	94.8	94.9	94.9
>= 600	36.9	81.9	86.9	90.8	93.2	93.8	95.0	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.1	96.1
>= 500	36.9	82.0	87.1	91.0	93.9	94.6	96.1	96.9	96.9	97.4	97.4	97.4	97.5	97.5	97.7	97.7
>= 400	36.9	82.0	87.1	91.0	94.0	94.7	96.7	97.6	97.6	98.3	98.4	98.4	98.5	98.5	98.7	98.7
>= 300	36.9	82.0	87.2	91.2	94.1	94.9	96.9	97.9	97.9	98.8	98.9	98.9	99.1	99.1	99.4	99.5
>= 200	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	99.1	99.3	99.3	99.4	99.4	99.8	99.9
>= 100	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	99.1	99.3	99.3	99.4	99.4	99.8	100.0
>= 0	36.9	82.0	87.2	91.2	94.2	95.0	97.1	98.2	98.3	99.1	99.3	99.3	99.4	99.4	99.8	100.0

TOTAL NO. OF OBS : 1212

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 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
UNLIMIT	24.7	47.9	49.4	50.4	50.7	50.9	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
>=20000	25.7	53.4	55.4	56.4	56.7	56.9	57.0	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
>=18000	25.9	53.8	55.7	56.7	57.0	57.2	57.3	57.4	57.4	57.5	57.6	57.6	57.6	57.6	57.6	57.6
>=16000	26.3	54.2	56.1	57.1	57.4	57.6	57.7	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0
>=14000	26.5	54.9	56.9	57.9	58.2	58.3	58.4	58.5	58.5	58.7	58.8	58.8	58.8	58.8	58.8	58.8
>=12000	27.3	56.8	58.8	59.7	60.1	60.2	60.3	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
>=10000	28.1	60.1	62.4	63.3	64.0	64.2	64.2	64.3	64.3	64.5	64.6	64.6	64.6	64.6	64.6	64.6
>= 9000	28.2	60.6	63.0	64.0	64.6	64.8	64.9	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2
>= 8000	29.1	65.1	68.0	69.1	69.8	70.0	70.0	70.1	70.1	70.3	70.4	70.4	70.4	70.4	70.4	70.4
>= 7000	29.4	66.6	69.6	70.7	71.5	71.7	71.8	71.8	71.8	72.0	72.1	72.1	72.1	72.1	72.1	72.1
>= 6000	29.9	67.6	70.5	71.8	72.7	72.8	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
>= 5000	30.4	69.5	72.5	73.8	74.6	74.8	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2
>= 4500	30.5	70.4	73.6	75.0	75.9	76.1	76.2	76.3	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.5
>= 4000	31.9	73.1	76.7	78.3	79.2	79.5	79.5	79.6	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9
>= 3500	32.2	74.1	77.7	79.5	80.4	80.6	80.7	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
>= 3000	33.2	77.7	81.3	83.4	84.8	85.1	85.3	85.4	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
>= 2500	33.6	78.6	82.3	84.5	86.1	86.4	86.6	86.7	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
>= 2000	34.2	79.8	83.6	85.9	87.7	88.1	88.3	88.5	88.5	88.6	88.7	88.7	88.7	88.7	88.7	88.7
>= 1800	34.2	80.0	83.8	86.2	88.1	88.5	88.7	88.9	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1
>= 1500	34.5	81.0	84.9	87.5	89.4	89.9	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6
>= 1200	34.6	81.4	85.6	88.2	90.6	91.1	91.4	91.6	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8
>= 1000	34.7	82.2	86.7	89.4	91.7	92.4	92.8	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
>= 900	34.8	82.4	87.0	89.8	92.1	92.8	93.3	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9
>= 800	34.8	82.6	87.2	90.1	92.8	93.5	94.1	94.4	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8
>= 700	34.8	82.6	87.5	90.5	93.3	94.0	94.8	95.1	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.6
>= 600	34.8	82.7	87.6	90.7	93.5	94.3	95.1	95.5	95.5	95.7	96.0	96.0	96.0	96.0	96.0	96.0
>= 500	34.8	83.1	88.0	91.0	94.2	94.9	95.9	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1
>= 400	34.8	83.1	88.1	91.2	94.4	95.3	96.5	97.1	97.2	97.8	98.0	98.0	98.0	98.0	98.1	98.1
>= 300	34.8	83.1	88.1	91.2	94.5	95.4	96.8	97.6	97.7	98.4	98.6	98.6	98.6	98.6	98.8	98.8
>= 200	34.8	83.1	88.1	91.2	94.6	95.5	97.0	97.9	98.0	98.6	98.9	98.9	99.0	99.0	99.4	99.4
>= 100	34.8	83.1	88.1	91.2	94.7	95.6	97.1	98.0	98.0	98.7	98.9	98.9	99.1	99.1	99.6	99.8
>= 0	34.8	83.1	88.1	91.2	94.7	95.6	97.1	98.0	98.1	98.8	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NO. OF OBS : 1222

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
HOUR : 1900 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	20.1	51.6	53.6	54.4	55.1	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
>=20000	20.3	55.4	57.5	58.3	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
>=18000	20.3	55.4	57.5	58.3	59.1	59.1	59.3	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.6
>=16000	20.5	55.8	57.9	58.8	59.5	59.5	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0
>=14000	20.5	56.2	58.2	59.1	59.8	59.8	60.0	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.3
>=12000	20.9	57.5	59.6	60.5	61.3	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8
>=10000	21.8	61.5	63.9	65.0	65.9	65.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
>= 9000	22.1	62.1	64.4	65.7	66.6	66.6	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1
>= 8000	22.8	66.6	69.3	70.9	71.8	71.8	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
>= 7000	22.9	67.8	70.7	72.5	73.4	73.4	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
>= 6000	23.4	69.0	72.0	73.9	74.8	74.8	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
>= 5000	23.8	71.2	74.1	76.0	76.9	76.9	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
>= 4500	24.0	72.4	75.5	77.4	78.4	78.4	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
>= 4000	24.6	75.2	78.4	80.4	81.4	81.4	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1
>= 3500	24.9	76.0	79.3	81.4	82.4	82.4	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
>= 3000	25.3	78.7	82.3	84.4	85.7	85.7	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4
>= 2500	25.4	79.5	83.4	86.0	87.3	87.4	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0
>= 2000	25.6	80.1	84.4	87.3	88.7	88.7	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4
>= 1800	25.6	80.3	84.7	87.7	89.1	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8
>= 1500	25.8	81.0	85.7	88.8	90.3	90.4	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
>= 1200	25.8	81.4	86.2	89.5	91.0	91.1	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
>= 1000	25.8	82.1	87.3	90.6	92.5	92.6	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6
>= 900	25.8	82.2	87.4	90.8	92.8	92.9	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
>= 800	25.8	82.3	87.6	91.2	93.2	93.5	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
>= 700	25.8	82.3	87.8	91.4	93.5	93.8	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
>= 600	25.8	82.4	87.8	91.7	94.3	94.7	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
>= 500	25.8	82.5	88.0	92.1	94.7	95.1	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
>= 400	25.8	82.5	88.0	92.1	95.1	95.6	96.7	97.2	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.6
>= 300	25.8	82.5	88.0	92.4	95.5	96.0	97.3	97.9	97.9	98.3	98.4	98.5	98.5	98.5	98.5	98.5
>= 200	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.2	98.2	98.7	98.8	98.9	98.9	98.9	98.9	99.2
>= 100	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.3	98.3	98.9	99.0	99.1	99.2	99.2	99.2	99.6
>= 0	25.8	82.5	88.0	92.4	95.6	96.2	97.6	98.4	98.4	98.9	99.1	99.2	99.3	99.4	99.4	100.0

TOTAL NO. OF OBS : 1234

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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	20.8	54.8	56.0	56.8	57.4	57.6	57.8	58.2	58.2	58.4	58.5	58.5	58.5	58.5	58.5	58.5
>=20000	20.8	57.0	58.2	59.1	59.8	59.9	60.2	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9
>=18000	20.8	57.0	58.2	59.1	59.8	59.9	60.2	60.6	60.6	60.7	60.8	60.8	60.8	60.8	60.8	60.9
>=16000	20.9	57.2	58.4	59.3	59.9	60.1	60.3	60.7	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.1
>=14000	21.2	57.7	58.9	59.9	60.6	60.7	61.0	61.4	61.4	61.5	61.6	61.6	61.6	61.6	61.6	61.7
>=12000	21.6	59.4	60.6	61.6	62.3	62.4	62.7	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.4
>=10000	22.6	62.7	64.2	65.3	66.2	66.3	66.6	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.3
>= 9000	22.8	63.0	64.5	65.7	66.6	66.7	67.0	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.7
>= 8000	23.0	65.9	67.6	68.8	69.8	70.0	70.2	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9	71.1
>= 7000	23.5	68.0	69.9	71.2	72.2	72.4	72.6	73.1	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.5
>= 6000	23.8	69.1	71.1	72.4	73.4	73.6	73.8	74.3	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.7
>= 5000	24.1	71.0	73.3	74.7	75.7	75.9	76.1	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	77.0
>= 4500	24.4	72.4	74.7	76.0	77.2	77.3	77.6	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.5
>= 4000	24.9	74.5	76.8	78.5	79.6	79.8	80.0	80.5	80.5	80.6	80.7	80.7	80.8	80.8	80.8	81.0
>= 3500	25.0	75.4	78.1	79.7	80.9	81.1	81.3	81.8	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.3
>= 3000	25.2	78.1	81.4	83.2	84.4	84.5	84.8	85.3	85.3	85.4	85.5	85.5	85.6	85.6	85.6	85.7
>= 2500	25.2	78.9	82.3	84.3	85.6	85.8	86.1	86.6	86.6	86.8	86.9	86.9	87.0	87.0	87.0	87.1
>= 2000	25.3	79.8	83.7	85.9	87.3	87.5	87.8	88.3	88.3	88.5	88.6	88.6	88.7	88.7	88.7	88.8
>= 1800	25.3	79.8	83.8	86.0	87.4	87.6	87.9	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.9
>= 1500	25.3	80.3	84.6	87.0	88.4	88.7	89.0	89.5	89.5	89.7	89.8	89.8	89.9	89.9	89.9	90.0
>= 1200	25.3	81.3	85.6	88.1	89.6	89.9	90.1	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.2
>= 1000	25.3	81.8	86.2	88.9	90.4	90.8	91.2	91.7	91.7	92.0	92.1	92.1	92.1	92.1	92.1	92.3
>= 900	25.3	81.9	86.5	89.1	90.7	91.1	91.5	92.0	92.0	92.3	92.4	92.4	92.5	92.5	92.5	92.6
>= 800	25.3	82.3	87.0	90.0	91.5	92.0	92.5	93.0	93.0	93.3	93.4	93.4	93.4	93.4	93.4	93.6
>= 700	25.3	82.4	87.4	90.4	92.0	92.6	93.2	93.8	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.4
>= 600	25.4	82.5	87.6	90.9	92.7	93.4	94.0	94.6	94.6	95.0	95.1	95.1	95.1	95.1	95.1	95.3
>= 500	25.4	82.8	88.1	91.5	93.4	94.3	95.1	95.7	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.4
>= 400	25.4	83.0	88.3	91.8	93.9	95.1	96.1	96.8	96.8	97.2	97.3	97.3	97.4	97.4	97.4	97.6
>= 300	25.4	83.1	88.3	91.9	94.1	95.3	96.4	97.1	97.1	97.7	97.7	97.7	97.8	97.8	97.8	98.0
>= 200	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.6	97.6	98.4	98.5	98.5	98.7	98.7	98.9	99.1
>= 100	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.7	97.7	98.6	98.9	98.9	99.1	99.1	99.4	99.6
>= 0	25.4	83.2	88.5	92.1	94.4	95.6	96.8	97.7	97.7	98.6	98.9	98.9	99.2	99.2	99.5	100.0

TOTAL NO. OF OBS : 1235

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : NOV
CLASS : ALL WEATHER — HOUR : ALL
CONDITION : NONE SPECIFIED

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	20.9	49.8	51.8	53.0	53.7	53.9	54.2	54.3	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.8
>=20000	21.4	53.4	55.5	56.8	57.6	57.8	58.1	58.2	58.3	58.3	58.4	58.4	58.5	58.5	58.6	58.8
>=18000	21.4	53.5	55.7	57.0	57.8	58.0	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.9
>=16000	21.6	53.8	55.9	57.2	58.0	58.2	58.5	58.7	58.7	58.8	58.9	58.9	58.9	58.9	59.0	59.2
>=14000	21.8	54.3	56.4	57.7	58.5	58.7	59.0	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.5	59.7
>=12000	22.3	55.6	57.8	59.2	60.0	60.2	60.5	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0	61.2
>=10000	23.0	58.7	61.1	62.7	63.6	63.9	64.2	64.4	64.4	64.5	64.6	64.6	64.6	64.6	64.7	64.9
>= 9000	23.2	59.1	61.6	63.1	64.1	64.4	64.7	64.9	64.9	65.0	65.0	65.0	65.1	65.1	65.2	65.4
>= 8000	24.0	63.0	65.8	67.5	68.6	68.9	69.2	69.4	69.5	69.6	69.6	69.6	69.7	69.7	69.8	70.0
>= 7000	24.4	64.3	67.2	69.1	70.2	70.5	70.8	71.0	71.1	71.2	71.2	71.2	71.3	71.3	71.4	71.6
>= 6000	24.9	65.6	68.5	70.4	71.6	71.9	72.2	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.8	73.0
>= 5000	25.4	67.4	70.4	72.4	73.6	73.9	74.2	74.4	74.5	74.6	74.6	74.6	74.7	74.7	74.8	75.0
>= 4500	25.6	68.4	71.5	73.6	74.9	75.2	75.5	75.7	75.8	75.9	75.9	75.9	76.0	76.0	76.1	76.3
>= 4000	26.2	70.5	73.7	76.0	77.3	77.6	77.9	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.5	78.8
>= 3500	26.4	71.4	74.8	77.1	78.4	78.8	79.1	79.3	79.4	79.5	79.5	79.5	79.6	79.6	79.7	79.9
>= 3000	27.0	74.2	77.8	80.3	81.8	82.1	82.5	82.8	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.4
>= 2500	27.3	75.6	79.4	81.9	83.5	83.9	84.3	84.5	84.5	84.7	84.8	84.8	84.8	84.8	84.9	85.2
>= 2000	27.7	76.7	80.8	83.6	85.4	85.8	86.2	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.9	87.1
>= 1800	27.7	76.9	81.1	83.9	85.7	86.1	86.6	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.5
>= 1500	27.9	77.7	82.0	85.1	87.0	87.4	87.9	88.2	88.2	88.3	88.4	88.4	88.5	88.5	88.6	88.9
>= 1200	28.0	78.2	82.7	85.9	88.0	88.4	89.0	89.3	89.3	89.4	89.5	89.5	89.6	89.6	89.7	90.0
>= 1000	28.0	78.9	83.7	87.1	89.3	89.8	90.4	90.8	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.5
>= 900	28.1	79.1	84.0	87.5	89.7	90.3	90.9	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.8	92.0
>= 800	28.1	79.4	84.4	88.1	90.4	91.0	91.8	92.1	92.2	92.4	92.5	92.5	92.6	92.6	92.7	92.9
>= 700	28.1	79.6	84.7	88.5	91.0	91.7	92.5	93.0	93.0	93.3	93.4	93.4	93.5	93.5	93.6	93.8
>= 600	28.1	79.8	85.1	89.0	91.7	92.5	93.4	93.9	94.0	94.3	94.4	94.4	94.5	94.5	94.5	94.8
>= 500	28.1	80.0	85.4	89.5	92.4	93.2	94.3	94.9	95.0	95.4	95.5	95.5	95.6	95.6	95.7	96.0
>= 400	28.1	80.1	85.5	89.7	92.9	93.9	95.2	96.0	96.0	96.5	96.7	96.7	96.8	96.8	96.9	97.2
>= 300	28.1	80.2	85.6	89.9	93.2	94.2	95.7	96.5	96.6	97.2	97.4	97.4	97.5	97.6	97.7	98.0
>= 200	28.1	80.2	85.6	90.0	93.3	94.4	96.1	97.0	97.0	97.7	98.0	98.0	98.2	98.3	98.6	99.0
>= 100	28.1	80.2	85.6	90.0	93.4	94.4	96.1	97.0	97.1	97.8	98.1	98.2	98.5	98.5	98.9	99.5
>= 0	28.1	80.2	85.6	90.0	93.4	94.4	96.1	97.0	97.1	97.8	98.2	98.2	98.5	98.6	99.0	100.0

TOTAL NO. OF OBS : 9851

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.2	1.8	.8	.4	.1	.0	.0	.0	.0	.0	6.8	7.4
NNE	.2	.9	.9	.3	.2	.0	.1	.0	.0	.0	.0	2.6	8.4
NE	.5	1.5	1.3	.4	.2	.1	.0	.0	.0	.0	.0	3.9	7.5
ENE	.5	1.3	.8	.3	.1	.0	.0	.0	.0	.0	.0	3.0	6.7
E	.5	.8	.6	.1	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
ESE	.5	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.4
SE	.6	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.2	5.5
SSE	.5	.9	.8	.4	.2	.0	.0	.0	.0	.0	.0	2.8	7.2
S	.6	2.1	1.5	.6	.1	.0	.0	.0	.0	.0	.0	4.9	7.1
SSW	1.0	1.9	2.2	1.1	.0	.0	.0	.0	.0	.0	.0	6.2	7.2
SW	1.0	2.0	2.8	2.9	.7	.0	.0	.0	.0	.0	.0	9.3	9.3
WSW	.5	1.1	1.7	2.2	.2	.0	.0	.0	.0	.0	.0	5.6	9.5
W	1.3	2.5	2.0	1.2	.2	.0	.0	.0	.0	.0	.0	7.2	7.0
WNW	.3	2.0	2.5	1.8	.8	.0	.1	.0	.0	.0	.0	7.5	10.0
NW	1.2	3.3	2.9	2.0	1.2	.6	.1	.1	.0	.0	.0	11.3	10.1
NNW	.8	2.5	3.8	3.0	.8	.1	.2	.1	.0	.0	.0	11.3	10.2
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	12.0	.0
ALL	11.4	27.0	26.2	17.1	4.9	.8	.5	.2	.0	.0	.0	100.0	7.5

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : 0400 LST

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	2.4	1.8	.8	.4	.0	.0	.0	.0	.0	.0	6.6	7.3
NNE	.6	.7	1.2	.5	.2	.2	.0	.0	.0	.0	.0	3.3	8.3
NE	.6	1.2	1.5	.6	.0	.0	.0	.0	.0	.0	.0	3.9	7.2
ENE	.2	1.1	.8	.3	.2	.0	.0	.0	.0	.0	.0	2.6	7.3
E	.2	1.2	.8	.3	.0	.0	.0	.0	.0	.0	.0	2.5	6.8
ESE	.5	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
SE	.8	1.2	.6	.3	.0	.0	.0	.0	.0	.0	.0	2.9	5.8
SSE	.5	1.2	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.5	5.9
S	1.2	1.7	1.1	.2	.1	.0	.0	.0	.0	.0	.0	4.2	5.7
SSW	.4	1.5	2.3	.9	.2	.1	.0	.0	.0	.0	.0	5.3	8.4
SW	.5	1.8	2.5	2.7	.2	.1	.0	.0	.0	.0	.0	7.9	9.2
WSW	1.0	1.7	2.2	1.8	.0	.0	.0	.0	.0	.0	.0	6.7	8.0
W	1.0	3.8	2.1	.6	.2	.0	.0	.0	.0	.0	.0	7.7	6.6
WNW	1.2	1.6	1.7	2.2	.9	.2	.0	.0	.0	.0	.0	7.9	10.0
NW	1.5	2.8	2.5	2.4	1.2	.5	.2	.1	.0	.0	.0	11.2	10.2
NNW	1.1	3.4	3.3	2.9	.9	.2	.1	.0	.0	.0	.0	11.8	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	11.2	.0
ALL	12.5	28.3	25.4	16.8	4.4	1.2	.2	.1	.0	.0	.0	100.0	7.3

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 1 - 3	4 - 6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	>=56	TOTAL %	MEAN WIND SPEED
N	1.2	3.0	1.8	1.0	.2	.2	.0	.0	.0	.0	.0	7.3	7.4
NNE	.2	1.2	.8	.5	.2	.0	.1	.0	.0	.0	.0	3.1	8.3
NE	.7	1.8	.9	.4	.2	.0	.0	.0	.0	.0	.0	4.0	6.7
ENE	.4	1.3	.8	.1	.0	.0	.0	.0	.0	.0	.0	2.6	5.9
E	.5	1.3	.7	.4	.2	.0	.0	.0	.0	.0	.0	3.0	7.2
ESE	.5	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.4
SE	.4	.6	.5	.2	.1	.0	.0	.0	.0	.0	.0	1.7	6.9
SSE	.6	1.2	.7	.4	.0	.1	.0	.0	.0	.0	.0	3.0	6.8
S	1.2	1.5	.6	.8	.2	.0	.0	.0	.0	.0	.0	4.3	6.6
SSW	1.0	1.5	2.1	1.3	.2	.0	.0	.0	.0	.0	.0	6.1	8.0
SW	.9	1.9	2.5	2.1	.4	.0	.0	.0	.0	.0	.0	7.8	8.5
WSW	.8	1.7	2.0	1.0	.2	.0	.0	.0	.0	.0	.0	5.6	7.6
W	2.2	2.4	2.2	.5	.1	.0	.0	.0	.0	.0	.0	7.3	5.9
WNW	.5	1.9	2.0	2.1	.6	.2	.0	.0	.0	.0	.0	7.3	9.7
NW	.9	2.8	2.8	2.4	1.3	.5	.1	.1	.0	.0	.0	10.8	10.4
NNW	.8	4.7	3.3	2.2	.8	.3	.0	.0	.0	.0	.0	12.1	8.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.1	.0
ALL	12.8	29.7	24.2	15.4	4.4	1.2	.2	.1	.0	.0	.0	100.0	7.0

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.6	2.9	1.0	.7	.2	.0	.0	.0	.0	.0	7.1	9.3
NNE	.5	1.8	2.5	.7	.5	.2	.1	.0	.0	.0	.0	6.2	9.1
NE	.3	1.9	1.2	.5	.1	.0	.0	.0	.0	.0	.0	3.9	7.0
ENE	.5	1.0	1.3	.1	.0	.0	.0	.0	.0	.0	.0	2.9	6.5
E	.7	1.1	1.0	.3	.1	.1	.0	.0	.0	.0	.0	3.2	6.8
ESE	.7	.9	.7	.1	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
SE	.5	1.8	1.2	.2	.0	.0	.0	.0	.0	.0	.0	3.6	6.5
SSE	.3	.5	1.0	.5	.0	.0	.0	.0	.0	.0	.0	2.3	8.1
S	.8	1.2	2.2	.8	.2	.0	.0	.0	.0	.0	.0	5.4	7.8
SSW	.3	1.3	2.2	.9	.3	.1	.0	.0	.0	.0	.0	5.1	8.9
SW	.7	2.2	2.2	2.8	.5	.1	.0	.0	.0	.0	.0	8.4	9.9
WSW	.4	1.5	2.4	2.3	.2	.1	.0	.0	.0	.0	.0	6.8	9.2
W	1.0	1.2	1.8	.9	.2	.0	.0	.0	.0	.0	.0	5.1	7.7
WNW	.5	2.4	1.8	1.9	.8	.2	.1	.0	.0	.0	.0	7.6	10.0
NW	1.1	3.0	3.2	4.5	1.9	.9	.2	.0	.0	.0	.1	14.9	11.9
NNW	.5	1.8	3.4	3.1	1.0	.5	.2	.0	.0	.0	.0	10.4	11.4
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	4.6	.0
ALL	9.4	25.4	30.7	20.6	6.5	2.2	.5	.0	.0	.0	.1	100.0	8.9

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

1 - SURFACE WINDS

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	2.9	3.1	1.8	.2	.1	.0	.0	.0	.0	.0	8.5	8.2
NNE	.8	2.1	2.0	.5	.2	.2	.0	.0	.0	.0	.0	5.7	7.5
NE	.2	2.5	1.4	.5	.0	.0	.0	.0	.0	.0	.0	4.6	6.6
ENE	.6	1.1	.5	.1	.0	.0	.0	.0	.0	.0	.0	2.2	4.9
E	.8	1.3	.5	.2	.0	.1	.0	.0	.0	.0	.0	2.8	6.1
ESE	.4	1.3	.8	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.9
SE	.5	2.7	2.8	.4	.2	.1	.0	.0	.0	.0	.0	6.7	7.3
SSE	.4	1.2	1.4	.7	.1	.0	.0	.0	.0	.0	.0	3.7	7.6
S	.2	1.2	1.8	.8	.2	.0	.0	.0	.0	.0	.0	4.2	8.6
SSW	.3	1.0	2.2	1.5	.4	.0	.0	.0	.0	.0	.0	5.3	9.5
SW	.3	1.2	2.9	2.2	.6	.0	.0	.0	.0	.0	.0	7.1	10.2
WSW	.2	.8	1.8	1.8	.1	.1	.0	.0	.0	.0	.0	4.8	10.0
W	.5	1.3	2.4	1.8	.5	.2	.0	.0	.0	.0	.0	6.7	10.1
WNW	.6	1.6	2.1	2.2	1.2	.4	.0	.0	.0	.0	.0	8.0	11.1
NW	.5	2.0	3.5	6.0	2.1	1.2	.3	.0	.0	.0	.0	15.4	12.8
NNW	.3	1.0	2.8	2.8	.8	.2	.1	.0	.0	.0	.0	8.0	11.3
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	7.0	25.1	31.8	23.1	6.5	2.4	.4	.0	.0	.0	.0	100.0	9.2

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.5	3.2	3.0	1.4	.2	.1	.0	.0	.0	.0	.0	9.3	7.4
NNE	.6	2.5	1.5	.5	.2	.1	.0	.0	.0	.0	.0	5.5	7.1
NE	1.4	1.7	.5	.2	.0	.0	.0	.0	.0	.0	.0	3.8	4.7
ENE	.6	.9	.2	.3	.1	.0	.0	.0	.0	.0	.0	2.1	6.2
E	1.0	.8	.4	.2	.0	.0	.1	.0	.0	.0	.0	2.5	5.8
ESE	1.1	.9	.5	.1	.0	.1	.0	.0	.0	.0	.0	2.6	5.4
SE	1.5	2.9	2.5	.4	.1	.0	.0	.0	.0	.0	.0	7.4	6.1
SSE	.8	2.8	2.9	.4	.1	.1	.0	.0	.0	.0	.0	7.1	7.1
S	.4	2.5	1.9	.8	.1	.1	.0	.0	.0	.0	.0	5.8	7.5
SSW	.6	1.2	1.7	1.3	.2	.1	.0	.0	.0	.0	.0	5.0	8.6
SW	.3	1.2	1.5	1.5	.1	.1	.0	.0	.0	.0	.0	4.5	9.2
WSW	.4	1.8	1.1	.8	.1	.0	.1	.0	.0	.0	.0	4.2	7.9
W	1.0	2.5	2.6	1.5	.2	.1	.0	.0	.0	.0	.0	7.8	7.9
WNW	.5	.9	2.2	2.0	.8	.0	.1	.0	.0	.0	.0	6.5	11.2
NW	.2	1.2	2.7	4.2	1.5	.7	.5	.0	.0	.0	.0	11.1	13.2
NNW	.4	2.3	2.6	2.2	.5	.6	.2	.0	.0	.0	.0	8.7	10.7
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	6.2	.0
ALL	12.2	29.4	27.7	17.8	3.8	1.9	.9	.0	.0	.0	.0	100.0	8.0

TOTAL NO. OF OBS : 1301

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	1.3	2.9	2.1	.8	.2	.2	.0	.0	.0	.0	.0	7.6	7.2
NNE	.8	1.5	1.4	.4	.2	.1	.0	.0	.0	.0	.0	4.3	7.3
NE	1.0	1.2	.8	.2	.1	.2	.0	.0	.0	.0	.0	3.5	6.6
ENE	.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	1.8	5.4
E	.9	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	2.5	5.6
ESE	.5	.5	.5	.2	.0	.0	.0	.0	.0	.0	.0	1.5	6.6
SE	.8	1.2	.6	.2	.2	.0	.0	.0	.0	.0	.0	3.0	6.2
SSE	1.5	2.8	1.5	.5	.0	.0	.0	.0	.0	.0	.0	6.3	5.8
S	1.2	3.7	2.7	.9	.2	.1	.0	.0	.0	.0	.0	8.9	7.0
SSW	1.2	1.8	2.1	1.1	.2	.0	.0	.0	.0	.0	.0	6.4	7.5
SW	1.2	1.7	1.7	1.4	.1	.0	.0	.0	.0	.0	.0	6.0	7.6
WSW	.6	1.1	.6	.4	.1	.1	.0	.0	.0	.0	.0	2.9	7.4
W	.6	2.0	.9	.5	.1	.0	.0	.0	.0	.0	.0	4.2	6.8
WNW	.4	1.2	1.8	2.1	.8	.3	.1	.0	.0	.0	.0	6.5	11.4
NW	.6	1.5	2.5	3.2	1.2	.6	.2	.0	.0	.0	.0	9.9	12.0
NNW	1.3	2.5	2.8	1.6	.4	.3	.0	.1	.0	.0	.0	9.0	8.8
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	15.9	.0
ALL	14.3	27.2	22.8	13.9	3.8	1.8	.2	.1	.0	.0	.0	100.0	6.8

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 2200 LST
CONDITION : NONE SPECIFIED

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

16 PT. DIR.	SPEED (KNOTS) 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	.7	1.6	2.2	1.4	.4	.1	.0	.0	.0	.0	.0	6.3	8.8
NNE	.5	1.9	1.2	.5	.0	.0	.0	.0	.0	.0	.0	4.2	6.7
NE	.6	1.2	.8	.3	.2	.0	.0	.0	.0	.0	.0	3.1	6.9
ENE	1.3	.6	.9	.4	.0	.0	.0	.0	.0	.0	.0	3.2	6.0
E	.6	1.4	.5	.2	.0	.0	.0	.0	.0	.0	.0	2.7	5.3
ESE	.3	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	1.4	5.1
SE	.3	1.2	.9	.3	.1	.0	.0	.0	.0	.0	.0	2.8	6.8
SSE	.9	1.0	1.3	.4	.1	.1	.0	.0	.0	.0	.0	3.8	7.0
S	.9	2.6	2.1	1.0	.2	.0	.0	.0	.0	.0	.0	6.8	7.1
SSW	1.1	1.6	3.3	1.5	.2	.0	.0	.0	.0	.0	.0	7.6	8.1
SW	1.1	2.1	2.9	2.2	.5	.1	.0	.0	.0	.0	.0	8.7	8.8
WSW	1.2	.8	1.4	.7	.3	.0	.0	.0	.0	.0	.0	4.5	7.6
W	.6	1.4	1.3	.8	.0	.1	.0	.0	.0	.0	.0	4.2	7.5
WNW	.5	1.2	2.2	1.8	.7	.5	.1	.0	.0	.0	.0	6.9	11.0
NW	1.2	1.5	3.5	2.5	1.5	.5	.1	.0	.0	.0	.0	10.7	10.8
NNW	1.3	2.5	3.1	1.9	.9	.5	.2	.1	.0	.0	.0	10.4	9.9
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	12.7	.0
ALL	13.3	23.5	27.6	15.9	4.9	1.7	.3	.1	.0	.0	.0	100.0	7.4

TOTAL NO. OF OBS : 1298

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS) 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	2.5	2.3	1.1	.3	.1	.0	.0	.0	.0	.0	7.4	7.8
NNE	.5	1.6	1.5	.5	.2	.1	.0*	.0	.0	.0	.0	4.4	7.8
NE	.7	1.6	1.0	.4	.1	.0*	.0	.0	.0	.0	.0	3.8	6.6
ENE	.6	1.0	.7	.2	.0*	.0	.0	.0	.0	.0	.0	2.6	6.2
E	.6	1.1	.6	.2	.0*	.0*	.0*	.0	.0	.0	.0	2.7	6.2
ESE	.5	.9	.4	.1	.0	.0*	.0	.0	.0	.0	.0	1.9	5.4
SE	.7	1.6	1.2	.3	.1	.0*	.0	.0	.0	.0	.0	3.8	6.5
SSE	.7	1.5	1.3	.4	.0*	.0*	.0	.0	.0	.0	.0	3.9	6.8
S	.8	2.1	1.7	.8	.2	.0*	.0	.0	.0	.0	.0	5.6	7.2
SSW	.7	1.5	2.2	1.2	.2	.0*	.0	.0	.0	.0	.0	5.9	8.2
SW	.8	1.8	2.4	2.2	.4	.0*	.0	.0	.0	.0	.0	7.5	9.1
WSW	.6	1.3	1.7	1.4	.1	.0*	.0*	.0	.0	.0	.0	5.1	8.5
W	1.0	2.1	1.9	1.0	.2	.0*	.0	.0	.0	.0	.0	6.3	7.4
WNW	.6	1.6	2.0	2.0	.8	.2	.0*	.0	.0	.0	.0	7.3	10.5
NW	.9	2.3	2.9	3.4	1.5	.7	.2	.0*	.0	.0	.0*	11.9	11.5
NNW	.8	2.6	3.1	2.5	.8	.3	.1	.0*	.0	.0	.0	10.2	10.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	.0
ALL	11.6	26.9	27.1	17.6	4.9	1.6	.4	.1	.0	.0	.0*	100.0	7.7

TOTAL NO. OF OBS : 10396

NOTES :
* = PERCENT < .05

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ANN
HOUR : ALL

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

16 PT. DIR.	SPEED (KNOTS) 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	2.0	2.0	1.0	.2	.1	.0*	.0*	.0	.0	.0	6.3	7.8
NNE	.6	1.8	1.7	.8	.2	.1	.0*	.0*	.0	.0	.0	5.1	7.9
NE	.6	1.7	1.6	.7	.1	.0*	.0*	.0	.0	.0	.0	4.8	7.6
ENE	.5	1.1	.9	.4	.0*	.0*	.0*	.0*	.0	.0	.0	3.0	6.9
E	.6	1.4	1.0	.3	.0*	.0*	.0*	.0*	.0	.0	.0	3.4	6.4
ESE	.5	1.3	.9	.3	.0*	.0*	.0*	.0*	.0*	.0	.0	3.1	6.9
SE	.7	1.9	2.4	1.2	.2	.0*	.0*	.0	.0	.0	.0*	6.4	8.1
SSE	.7	1.9	2.2	1.1	.1	.0*	.0*	.0	.0*	.0	.0	6.0	7.9
S	1.2	2.8	2.3	.9	.1	.0*	.0	.0	.0	.0	.0	7.4	6.9
SSW	.7	1.8	2.3	1.3	.1	.0*	.0	.0	.0	.0	.0	6.2	8.2
SW	.7	1.8	2.6	1.8	.3	.0*	.0*	.0*	.0	.0	.0	7.3	8.9
WSW	.5	1.3	1.5	.9	.1	.0*	.0*	.0	.0	.0	.0	4.4	8.1
W	1.0	2.0	1.5	.7	.1	.0*	.0*	.0*	.0	.0	.0	5.5	7.2
WNW	.8	1.7	1.6	1.2	.4	.2	.0*	.0*	.0*	.0	.0	6.0	9.1
NW	1.0	2.2	2.3	2.1	.9	.5	.1	.0*	.0	.0	.0*	9.1	10.4
NNW	.9	2.0	2.2	1.6	.5	.2	.0*	.0*	.0	.0	.0	7.3	9.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	.0
ALL	11.8	28.7	29.2	16.2	3.7	1.2	.3	.0*	.0*	.0	.0*	100.0	7.4

TOTAL NO. OF OBS : 122161

NOTES :
* = PERCENT < .05

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0100 LST
CONDITION : NONE SPECIFIED

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	20.5	54.4	55.4	56.0	56.7	56.8	57.3	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.6
>=20000	21.0	57.6	58.8	59.4	60.2	60.3	60.8	60.8	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.3
>=18000	21.0	57.7	58.9	59.5	60.3	60.4	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.4
>=16000	21.0	57.7	58.9	59.5	60.3	60.4	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.3	61.4
>=14000	21.1	57.9	59.0	59.7	60.5	60.5	61.1	61.1	61.1	61.4	61.4	61.4	61.4	61.4	61.5	61.5
>=12000	21.5	59.0	60.1	60.8	61.5	61.6	62.2	62.2	62.2	62.5	62.5	62.5	62.5	62.5	62.6	62.6
>=10000	21.8	61.4	62.7	63.6	64.4	64.4	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.3	65.4	65.4
>= 9000	21.9	61.9	63.2	64.0	64.8	64.9	65.4	65.4	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.9
>= 8000	22.9	66.7	68.1	69.3	70.2	70.3	70.8	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.2	71.3
>= 7000	23.2	67.9	69.4	70.7	71.6	71.7	72.3	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.7	72.8
>= 6000	23.6	68.9	70.7	71.9	72.9	72.9	73.6	73.6	73.6	73.9	73.9	73.9	73.9	73.9	73.9	74.0
>= 5000	23.8	70.7	72.5	73.8	74.8	74.9	75.5	75.6	75.6	75.9	75.9	75.9	75.9	75.9	76.0	76.1
>= 4500	23.9	72.0	73.9	75.4	76.4	76.5	77.1	77.3	77.3	77.7	77.7	77.7	77.7	77.7	77.8	77.8
>= 4000	24.1	73.6	75.7	77.3	78.4	78.5	79.2	79.3	79.3	79.7	79.7	79.7	79.7	79.7	79.8	79.9
>= 3500	24.2	74.3	76.6	78.2	79.3	79.5	80.2	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.8	80.9
>= 3000	24.2	76.0	78.3	80.3	81.4	81.6	82.3	82.5	82.5	82.9	82.9	82.9	82.9	82.9	83.0	83.1
>= 2500	24.2	77.3	79.8	81.8	83.0	83.2	83.9	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.7
>= 2000	24.3	78.5	81.0	83.2	84.5	84.6	85.4	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.1	86.2
>= 1800	24.3	78.6	81.2	83.5	84.7	84.9	85.6	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.4	86.5
>= 1500	24.3	79.5	82.4	84.9	86.2	86.3	87.3	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.2
>= 1200	24.3	79.9	83.0	85.5	86.8	87.1	88.1	88.5	88.5	88.8	88.8	88.8	88.8	88.8	88.9	89.0
>= 1000	24.3	80.3	83.5	86.3	87.8	88.1	89.2	89.6	89.6	90.0	90.0	90.0	90.0	90.0	90.1	90.2
>= 900	24.3	80.4	83.7	86.7	88.1	88.5	89.7	90.1	90.1	90.5	90.5	90.5	90.6	90.6	90.6	90.7
>= 800	24.3	80.5	83.9	87.1	88.6	89.1	90.3	90.7	90.7	91.1	91.1	91.1	91.2	91.2	91.3	91.3
>= 700	24.3	80.7	84.1	87.5	89.2	89.7	91.1	91.5	91.5	91.9	91.9	91.9	92.0	92.0	92.0	92.1
>= 600	24.3	80.9	84.5	88.0	89.8	90.4	91.8	92.2	92.2	92.8	92.8	92.8	92.9	92.9	93.0	93.1
>= 500	24.3	80.9	84.6	88.2	90.3	91.0	92.7	93.1	93.1	93.8	93.8	93.8	93.9	94.0	94.1	94.1
>= 400	24.3	81.1	84.8	88.5	90.7	91.8	93.8	94.3	94.3	94.9	95.0	95.0	95.2	95.2	95.3	95.4
>= 300	24.3	81.2	84.9	88.8	91.1	92.2	94.3	95.0	95.0	95.7	95.8	95.8	95.9	96.0	96.1	96.3
>= 200	24.3	81.2	85.0	88.8	91.4	92.7	95.1	95.9	95.9	96.8	97.1	97.1	97.3	97.3	97.5	97.8
>= 100	24.3	81.2	85.0	88.8	91.4	92.7	95.1	96.0	96.0	97.1	97.7	97.7	98.1	98.3	98.5	99.1
>= 0	24.3	81.2	85.0	88.8	91.4	92.7	95.1	96.0	96.0	97.1	97.7	97.8	98.3	98.5	98.8	100.0

TOTAL NO. OF OBS : 1282

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 0400 LST
CONDITION : NONE SPECIFIED

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	19.4	52.1	53.5	55.1	55.9	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.6
>=20000	19.6	54.1	55.6	57.2	58.0	58.0	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.9
>=18000	19.6	54.1	55.6	57.2	58.0	58.0	58.3	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.7	58.9
>=16000	19.7	54.2	55.7	57.3	58.0	58.1	58.4	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	59.0
>=14000	19.8	54.6	56.1	57.7	58.4	58.5	58.7	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.4
>=12000	20.1	55.4	56.9	58.4	59.2	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.9	60.2
>=10000	20.8	59.1	60.8	62.5	63.4	63.5	63.7	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.4
>= 9000	21.0	59.7	61.3	63.0	64.0	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.7	64.9
>= 8000	21.6	63.6	65.4	67.2	68.3	68.4	68.6	68.8	68.8	68.9	68.9	68.9	68.9	68.9	69.0	69.2
>= 7000	21.9	65.2	67.0	68.8	70.0	70.1	70.4	70.5	70.5	70.7	70.7	70.7	70.7	70.7	70.8	71.0
>= 6000	22.3	66.3	68.2	70.1	71.2	71.3	71.6	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.1	72.3
>= 5000	22.5	68.0	70.1	72.0	73.3	73.4	73.7	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.2	74.5
>= 4500	22.9	69.6	71.7	73.7	75.1	75.2	75.5	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.2
>= 4000	23.3	71.5	73.7	75.8	77.1	77.3	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.1	78.4
>= 3500	23.4	72.1	74.4	76.5	77.8	78.0	78.4	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.8	79.1
>= 3000	23.4	74.6	77.0	79.1	80.6	80.9	81.2	81.4	81.5	81.6	81.6	81.6	81.6	81.6	81.7	82.0
>= 2500	23.4	75.5	78.0	80.3	81.8	82.0	82.3	82.7	82.7	82.9	82.9	82.9	82.9	82.9	83.0	83.2
>= 2000	23.4	76.2	78.9	81.6	83.1	83.4	83.7	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.4	84.6
>= 1800	23.5	76.3	79.1	81.7	83.3	83.5	83.8	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.8
>= 1500	23.6	77.0	79.9	83.0	84.8	85.0	85.5	85.9	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.5
>= 1200	23.6	77.4	80.6	83.7	85.5	85.7	86.2	86.6	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.3
>= 1000	23.6	78.0	81.3	84.5	86.6	86.9	87.5	88.0	88.0	88.3	88.3	88.3	88.4	88.4	88.5	88.7
>= 900	23.6	78.1	81.4	84.8	87.0	87.2	87.8	88.3	88.4	88.7	88.7	88.7	88.9	88.9	89.0	89.2
>= 800	23.6	78.4	81.9	85.4	87.5	87.9	88.5	89.0	89.1	89.5	89.5	89.5	89.6	89.6	89.7	89.9
>= 700	23.6	78.6	82.3	85.8	88.0	88.4	89.1	89.6	89.8	90.2	90.2	90.2	90.4	90.4	90.5	90.7
>= 600	23.6	78.7	82.4	86.1	88.4	88.8	89.7	90.2	90.4	90.8	90.8	90.9	91.0	91.0	91.1	91.3
>= 500	23.6	79.0	83.0	86.9	89.6	90.2	91.4	92.0	92.2	92.7	92.7	92.8	93.0	93.0	93.1	93.4
>= 400	23.6	79.1	83.2	87.3	90.5	91.2	92.5	93.2	93.4	93.8	94.0	94.1	94.4	94.4	94.5	94.8
>= 300	23.6	79.1	83.2	87.6	91.2	91.9	93.4	94.1	94.3	94.8	95.0	95.1	95.4	95.5	95.6	96.0
>= 200	23.6	79.1	83.3	87.7	91.4	92.3	93.9	94.8	95.2	95.9	96.2	96.2	96.6	96.6	96.9	97.3
>= 100	23.6	79.1	83.3	87.7	91.6	92.5	94.2	95.3	95.6	96.4	97.0	97.1	97.7	97.9	98.3	98.9
>= 0	23.6	79.1	83.3	87.7	91.6	92.5	94.2	95.3	95.6	96.4	97.0	97.1	97.9	98.0	98.6	100.0

TOTAL NO. OF OBS : 1280

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 0700 LST
CONDITION : NONE SPECIFIED

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	15.1	42.6	44.5	46.2	47.1	47.2	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7
>=20000	15.6	45.0	47.2	49.2	50.2	50.4	50.7	50.7	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9
>=18000	15.6	45.1	47.2	49.3	50.2	50.5	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9
>=16000	15.7	45.4	47.5	49.5	50.5	50.7	51.0	51.0	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2
>=14000	16.0	46.3	48.4	50.5	51.4	51.7	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1
>=12000	16.5	47.7	49.9	52.0	52.9	53.1	53.5	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7
>=10000	17.7	52.8	55.1	57.2	58.3	58.6	58.9	58.9	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1
>= 9000	17.8	52.9	55.4	57.5	58.6	58.8	59.1	59.1	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4
>= 8000	19.0	58.3	61.1	63.5	64.8	65.1	65.4	65.4	65.4	65.5	65.7	65.7	65.7	65.7	65.7	65.7
>= 7000	19.4	59.7	62.8	65.2	66.5	66.9	67.2	67.3	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6
>= 6000	19.8	60.7	63.9	66.4	67.7	68.1	68.4	68.6	68.6	68.7	68.8	68.8	68.8	68.8	68.8	68.9
>= 5000	20.2	63.2	66.5	69.3	70.7	71.2	71.5	71.7	71.7	71.7	71.9	71.9	71.9	71.9	71.9	72.0
>= 4500	20.5	64.6	68.1	71.0	72.5	73.0	73.4	73.5	73.6	73.7	73.9	73.9	73.9	73.9	73.9	73.9
>= 4000	20.7	66.0	69.8	72.8	74.3	74.9	75.3	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.9
>= 3500	20.9	66.8	70.6	73.8	75.3	75.8	76.3	76.6	76.7	76.8	76.9	76.9	76.9	76.9	76.9	77.0
>= 3000	21.0	69.1	73.4	76.6	78.3	79.1	79.6	80.0	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.4
>= 2500	21.2	70.0	74.5	77.9	79.8	80.5	81.0	81.4	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.8
>= 2000	21.2	71.0	75.7	79.6	81.7	82.4	83.1	83.5	83.6	83.7	83.9	83.9	83.9	83.9	83.9	84.0
>= 1800	21.2	71.1	75.7	79.7	81.8	82.5	83.2	83.6	83.7	83.8	84.0	84.0	84.0	84.0	84.0	84.1
>= 1500	21.3	71.7	76.5	80.8	83.0	83.8	84.6	85.0	85.0	85.2	85.4	85.4	85.4	85.4	85.4	85.5
>= 1200	21.3	72.0	76.9	81.6	83.8	84.6	85.4	85.8	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.4
>= 1000	21.4	72.7	77.7	82.4	84.8	85.7	86.7	87.1	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.7
>= 900	21.4	72.7	78.0	82.8	85.1	86.2	87.2	87.6	87.7	87.9	88.2	88.2	88.2	88.2	88.2	88.3
>= 800	21.4	72.8	78.4	83.5	85.9	87.2	88.1	88.7	88.7	89.0	89.4	89.4	89.4	89.4	89.4	89.4
>= 700	21.4	73.1	78.8	83.9	86.4	87.6	88.7	89.3	89.4	89.6	90.0	90.0	90.0	90.0	90.0	90.1
>= 600	21.4	73.4	79.4	84.6	87.1	88.4	89.5	90.1	90.2	90.5	90.9	90.9	90.9	90.9	90.9	91.0
>= 500	21.4	73.5	79.6	85.1	87.9	89.5	90.9	91.7	91.8	92.0	92.4	92.4	92.4	92.4	92.6	92.7
>= 400	21.4	73.8	80.2	85.8	88.9	90.6	92.3	93.2	93.4	93.6	94.1	94.1	94.1	94.1	94.3	94.4
>= 300	21.4	73.8	80.2	85.8	89.1	91.0	93.0	94.4	94.6	94.8	95.4	95.4	95.5	95.6	95.8	95.9
>= 200	21.4	73.9	80.2	85.9	89.2	91.3	93.5	95.6	95.7	96.1	96.9	96.9	97.2	97.2	97.7	97.9
>= 100	21.4	73.9	80.2	85.9	89.2	91.4	93.8	95.9	96.1	96.5	97.4	97.4	98.0	98.1	98.6	99.2
>= 0	21.4	73.9	80.2	85.9	89.2	91.4	93.8	95.9	96.1	96.5	97.5	97.5	98.1	98.2	98.8	100.0

TOTAL NO. OF OBS : 1270

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : 1000 LST
CONDITION : NONE SPECIFIED

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	20.6	43.4	44.5	45.4	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
>=20000	21.3	48.1	49.7	50.7	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	51.9
>=18000	21.4	48.3	49.8	50.9	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1
>=16000	21.7	48.9	50.5	51.5	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.7
>=14000	22.2	49.4	51.0	52.1	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=12000	23.6	51.8	53.6	54.8	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0
>=10000	24.8	55.4	57.7	59.0	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.4	60.4
>= 9000	25.1	56.3	58.7	60.2	61.2	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
>= 8000	25.8	60.9	63.9	65.5	66.5	66.9	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
>= 7000	26.2	62.5	65.6	67.2	68.3	68.7	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0
>= 6000	26.6	63.8	67.3	69.1	70.1	70.5	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8
>= 5000	27.0	65.7	69.3	71.0	72.2	72.5	72.8	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9	72.9
>= 4500	27.2	67.4	71.1	73.0	74.2	74.8	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2
>= 4000	27.6	68.6	72.6	74.8	76.2	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
>= 3500	27.7	69.1	73.1	75.3	76.7	77.4	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
>= 3000	28.0	70.7	75.1	77.6	79.4	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
>= 2500	28.1	71.8	76.2	79.0	80.8	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
>= 2000	28.1	72.2	77.1	80.2	82.0	83.1	83.4	83.5	83.5	83.6	83.7	83.7	83.8	83.8	83.8	83.8
>= 1800	28.1	72.3	77.1	80.3	82.2	83.2	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
>= 1500	28.3	73.1	78.0	81.3	83.3	84.4	84.8	85.0	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4
>= 1200	28.4	73.5	78.6	82.0	84.1	85.3	85.7	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2
>= 1000	28.4	74.2	79.4	83.0	85.5	86.8	87.3	87.5	87.5	87.7	87.8	87.8	87.9	87.9	88.0	88.0
>= 900	28.5	74.4	79.7	83.4	85.9	87.2	87.7	88.0	88.0	88.3	88.4	88.4	88.5	88.5	88.6	88.6
>= 800	28.5	74.6	79.9	83.9	86.6	88.1	88.6	89.0	89.0	89.3	89.5	89.5	89.6	89.6	89.6	89.6
>= 700	28.6	74.8	80.3	84.5	87.3	88.9	89.5	90.0	90.0	90.3	90.4	90.4	90.5	90.6	90.7	90.7
>= 600	28.6	75.1	80.6	84.9	87.9	89.5	90.2	90.7	90.7	91.1	91.3	91.3	91.4	91.5	91.5	91.5
>= 500	28.6	75.2	80.9	85.4	88.7	90.4	91.5	92.2	92.2	92.5	92.8	92.9	93.0	93.0	93.3	93.3
>= 400	28.6	75.4	81.2	85.9	89.6	91.5	92.8	93.6	93.7	94.0	94.4	94.5	94.6	94.7	94.9	94.9
>= 300	28.6	75.4	81.3	86.1	90.0	92.1	93.8	94.9	94.9	95.6	96.3	96.4	96.8	97.0	97.2	97.3
>= 200	28.6	75.5	81.3	86.2	90.1	92.2	94.1	95.5	95.6	96.4	97.3	97.4	98.2	98.3	98.8	99.0
>= 100	28.6	75.5	81.3	86.2	90.2	92.3	94.2	95.6	95.7	96.5	97.5	97.5	98.3	98.5	99.4	99.8
>= 0	28.6	75.5	81.3	86.2	90.2	92.3	94.2	95.6	95.7	96.5	97.5	97.5	98.3	98.5	99.4	100.0

TOTAL NO. OF OBS : 1264

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1300 LST
CONDITION : NONE SPECIFIED

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	23.4	45.1	45.7	46.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
>=20000	24.4	50.6	51.5	52.2	52.7	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
>=18000	24.6	50.9	51.8	52.6	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
>=16000	24.9	51.3	52.2	53.0	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
>=14000	25.3	52.1	53.0	53.9	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
>=12000	26.0	53.6	54.7	55.6	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
>=10000	27.4	57.6	58.9	59.9	60.5	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
>= 9000	27.5	58.2	59.4	60.5	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
>= 8000	28.3	61.6	63.1	64.3	65.0	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
>= 7000	28.7	63.1	64.9	66.1	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
>= 6000	28.8	64.1	66.1	67.3	68.3	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
>= 5000	29.0	66.0	68.2	69.5	70.6	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 4500	29.1	67.0	69.4	70.8	71.9	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
>= 4000	30.1	68.8	71.3	72.8	74.0	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
>= 3500	30.4	69.9	72.5	74.1	75.2	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6
>= 3000	31.0	72.0	75.1	76.7	77.9	78.1	78.1	78.2	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5
>= 2500	31.3	73.2	76.5	78.4	79.7	79.9	80.0	80.0	80.0	80.2	80.3	80.3	80.3	80.3	80.3	80.3
>= 2000	31.6	74.7	78.1	80.4	82.0	82.3	82.6	82.6	82.6	82.8	82.9	82.9	82.9	82.9	82.9	82.9
>= 1800	31.6	74.8	78.3	80.6	82.2	82.5	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0
>= 1500	31.8	75.5	79.2	81.6	83.3	83.7	84.1	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
>= 1200	31.9	76.5	80.3	82.9	84.7	85.2	85.6	85.6	85.6	85.9	86.0	86.0	86.0	86.0	86.0	86.0
>= 1000	32.0	77.2	81.2	84.0	86.1	86.7	87.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 900	32.0	77.4	81.6	84.5	86.7	87.4	88.2	88.4	88.4	88.6	88.8	88.9	88.9	88.9	88.9	88.9
>= 800	32.0	77.7	81.9	84.8	87.3	88.2	89.1	89.3	89.3	89.7	89.9	90.0	90.1	90.1	90.1	90.1
>= 700	32.0	77.9	82.3	85.2	88.2	89.1	90.1	90.4	90.4	90.8	90.9	91.0	91.1	91.1	91.2	91.2
>= 600	32.0	78.1	82.8	86.0	89.1	90.1	91.2	91.6	91.6	92.0	92.2	92.3	92.3	92.3	92.4	92.4
>= 500	32.0	78.2	83.0	86.3	89.8	90.9	92.3	92.7	92.7	93.2	93.4	93.5	93.7	93.7	93.8	93.8
>= 400	32.0	78.3	83.2	86.7	90.6	91.7	93.4	94.2	94.2	95.0	95.5	95.6	95.7	95.8	96.0	96.0
>= 300	32.0	78.3	83.3	87.0	91.2	92.5	94.6	95.5	95.6	96.4	97.1	97.2	97.4	97.5	97.7	97.7
>= 200	32.0	78.3	83.3	87.0	91.2	92.6	94.6	95.6	95.7	96.8	97.6	97.6	98.2	98.3	98.7	98.9
>= 100	32.0	78.3	83.3	87.1	91.2	92.7	94.7	95.7	95.8	97.1	97.8	97.9	98.7	98.9	99.4	99.9
>= 0	32.0	78.3	83.3	87.1	91.2	92.7	94.7	95.7	95.8	97.1	97.8	97.9	98.7	98.9	99.4	100.0

TOTAL NO. OF OBS : 1267

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1600 LST
CONDITION : NONE SPECIFIED

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	23.5	45.1	46.1	46.8	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
>=20000	24.4	49.7	50.9	51.8	52.1	52.2	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
>=18000	24.4	50.0	51.2	52.1	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
>=16000	24.6	50.2	51.4	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
>=14000	25.1	51.0	52.3	53.2	53.6	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
>=12000	25.7	52.4	53.9	54.8	55.1	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
>=10000	26.4	55.8	57.5	58.5	58.8	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
>= 9000	26.8	56.6	58.3	59.3	59.6	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
>= 8000	27.6	61.2	63.0	64.1	64.6	64.8	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
>= 7000	28.4	63.4	65.4	66.7	67.1	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
>= 6000	28.7	64.3	66.4	67.8	68.4	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
>= 5000	29.2	67.2	69.7	71.2	71.9	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
>= 4500	29.5	68.5	71.4	72.9	73.6	73.8	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3
>= 4000	30.1	70.4	73.3	75.0	75.7	75.8	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4
>= 3500	30.3	71.0	74.2	75.9	76.7	76.9	77.3	77.3	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5
>= 3000	31.0	73.6	77.2	79.0	79.8	79.9	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
>= 2500	31.0	74.4	78.0	79.8	80.6	80.9	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7
>= 2000	31.5	76.2	80.0	82.1	83.0	83.4	84.0	84.1	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
>= 1800	31.5	76.5	80.3	82.3	83.3	83.7	84.3	84.4	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7
>= 1500	31.5	77.2	81.3	83.5	84.6	85.2	85.9	86.2	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5
>= 1200	31.7	77.6	82.1	84.4	85.8	86.4	87.3	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9
>= 1000	31.8	77.9	82.4	84.7	86.3	87.0	88.0	88.4	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9
>= 900	31.8	78.0	82.6	85.2	87.0	87.6	88.6	89.1	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6
>= 800	31.8	78.2	82.9	85.6	87.6	88.4	89.4	89.9	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4
>= 700	31.8	78.3	83.0	85.9	87.9	88.9	89.9	90.4	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2
>= 600	31.8	78.4	83.3	86.5	88.8	89.9	91.2	91.9	91.9	92.3	92.5	92.5	92.6	92.6	92.6	92.6
>= 500	31.8	78.6	83.4	86.9	89.2	90.6	92.1	92.9	93.0	93.4	93.6	93.6	93.7	93.8	93.8	93.8
>= 400	31.8	78.6	83.5	87.0	89.4	90.8	92.8	94.0	94.1	94.6	95.0	95.0	95.3	95.3	95.3	95.3
>= 300	31.8	78.7	83.6	87.4	90.3	91.8	94.2	95.7	95.8	96.6	97.2	97.2	97.6	97.6	97.7	97.7
>= 200	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	97.0	97.9	97.9	98.3	98.5	98.7	99.1
>= 100	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	97.1	97.9	97.9	98.5	98.7	99.0	99.5
>= 0	31.8	78.7	83.6	87.4	90.4	91.9	94.3	95.8	96.0	97.1	97.9	97.9	98.5	98.7	99.0	100.0

TOTAL NO. OF OBS : 1266

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : DEC
CLASS : ALL WEATHER — HOUR : 1900 LST
CONDITION : NONE SPECIFIED

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	19.8	51.9	52.7	53.6	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
>=20000	20.2	55.6	56.6	57.5	57.8	57.8	57.8	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
>=18000	20.2	55.6	56.7	57.6	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
>=16000	20.2	55.7	56.8	57.7	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
>=14000	20.3	56.0	57.1	58.1	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
>=12000	20.3	56.8	57.9	58.9	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
>=10000	21.2	60.8	62.0	63.1	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
>= 9000	21.4	61.3	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
>= 8000	22.2	65.9	67.3	68.6	68.9	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
>= 7000	22.4	67.2	68.8	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
>= 6000	22.5	67.7	69.6	71.1	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
>= 5000	22.9	69.6	71.7	73.5	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
>= 4500	23.4	70.7	73.2	75.3	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
>= 4000	23.6	72.1	75.0	77.0	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
>= 3500	23.7	73.0	76.1	78.2	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
>= 3000	24.0	75.5	78.7	81.0	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
>= 2500	24.0	76.4	79.8	82.3	83.0	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
>= 2000	24.3	77.3	81.0	83.6	84.3	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
>= 1800	24.3	77.5	81.2	83.8	84.5	84.8	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
>= 1500	24.4	78.6	82.4	85.4	86.3	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
>= 1200	24.4	79.0	82.9	85.9	86.8	87.1	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
>= 1000	24.4	79.2	83.0	86.4	87.6	88.0	88.8	88.9	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
>= 900	24.4	79.3	83.1	86.7	88.1	88.6	89.5	89.6	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0
>= 800	24.4	79.4	83.2	86.9	88.5	89.0	89.9	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
>= 700	24.4	79.4	83.4	87.1	88.8	89.5	90.7	90.8	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
>= 600	24.4	79.4	83.5	87.3	89.2	90.2	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
>= 500	24.4	79.4	83.6	87.4	89.8	91.0	92.4	92.7	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1
>= 400	24.4	79.5	83.8	87.6	90.3	91.7	93.6	94.1	94.2	94.6	94.7	94.7	94.7	94.7	94.7	94.7
>= 300	24.4	79.5	83.9	87.8	90.7	92.2	94.7	95.4	95.4	95.9	96.2	96.2	96.2	96.2	96.2	96.2
>= 200	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.2	96.3	97.1	97.3	97.3	97.6	97.7	97.7	97.7
>= 100	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.3	96.4	97.3	97.7	97.7	98.3	98.4	98.5	99.0
>= 0	24.4	79.5	83.9	87.9	90.9	92.5	95.2	96.3	96.4	97.3	97.7	97.7	98.4	98.4	99.0	100.0

TOTAL NO. OF OBS : 1274

013721 : PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986
CLASS : ALL WEATHER
CONDITION : NONE SPECIFIED

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : DEC
HOUR : 2200 LST

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

VISIBILITY (STATUTE MILES)

CEILING	>=10	>=6	>=5	>=4	>=3	>=2 1/2	>=2	>=1 1/2	>=1 1/4	>=1	>=3/4	>=5/8	>=1/2	>=5/16	>=1/4	>=0
UNLIMIT	19.8	52.3	53.0	54.0	54.4	54.6	54.7	54.7	54.7	54.8	54.9	54.9	54.9	54.9	55.0	55.0
>=20000	20.1	54.6	55.4	56.6	57.2	57.4	57.5	57.5	57.5	57.6	57.7	57.7	57.7	57.7	57.8	57.8
>=18000	20.1	54.7	55.6	56.8	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
>=16000	20.1	54.7	55.6	56.8	57.4	57.5	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	58.0	58.0
>=14000	20.5	55.1	56.0	57.1	57.8	57.9	58.1	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.4	58.4
>=12000	20.6	55.7	56.6	57.8	58.4	58.5	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.1	59.1
>=10000	21.2	58.8	59.9	61.1	61.7	61.9	62.1	62.1	62.1	62.2	62.3	62.3	62.3	62.3	62.5	62.5
>= 9000	21.4	59.6	60.7	62.0	62.6	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.5	63.5
>= 8000	22.2	64.2	65.5	67.1	67.7	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.5	68.5
>= 7000	22.6	66.1	67.5	69.2	69.8	70.0	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.6	70.6
>= 6000	23.0	67.1	68.5	70.2	70.9	71.1	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.7	71.7
>= 5000	23.3	69.6	71.2	72.8	73.7	73.9	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.6	74.6
>= 4500	23.4	71.0	72.7	74.4	75.3	75.5	75.7	75.7	75.7	75.8	75.9	75.9	75.9	75.9	76.1	76.1
>= 4000	23.8	72.8	74.8	76.5	77.4	77.8	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.4	78.4
>= 3500	23.9	73.7	75.9	77.6	78.5	78.8	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.5
>= 3000	24.1	76.5	79.0	81.0	82.0	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8	83.1	83.1
>= 2500	24.3	77.5	80.2	82.3	83.3	83.6	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.3	84.3
>= 2000	24.4	78.5	81.7	83.9	84.9	85.2	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	85.9	85.9
>= 1800	24.4	78.7	82.0	84.2	85.2	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	86.0	86.3	86.3
>= 1500	24.4	79.2	82.5	85.1	86.1	86.5	86.7	86.8	86.8	87.0	87.0	87.0	87.0	87.1	87.4	87.4
>= 1200	24.4	79.6	83.1	85.7	86.8	87.3	87.6	87.7	87.7	87.9	88.0	88.0	88.0	88.1	88.3	88.3
>= 1000	24.4	80.0	83.6	86.4	87.6	88.1	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.2	89.5	89.5
>= 900	24.4	80.0	83.6	86.4	87.6	88.1	88.6	88.8	88.8	89.1	89.1	89.1	89.1	89.2	89.5	89.5
>= 800	24.5	80.1	83.8	87.0	88.1	88.7	89.4	89.6	89.6	89.9	90.0	90.0	90.1	90.2	90.4	90.4
>= 700	24.5	80.3	84.2	87.4	88.8	89.4	90.1	90.3	90.3	90.6	90.7	90.7	90.8	90.9	91.1	91.1
>= 600	24.5	80.6	84.9	88.1	89.7	90.5	91.4	91.7	91.7	92.1	92.2	92.2	92.3	92.3	92.6	92.6
>= 500	24.5	80.6	84.9	88.3	90.2	91.3	92.4	92.7	92.7	93.1	93.2	93.2	93.3	93.4	93.6	93.6
>= 400	24.5	80.7	85.3	88.8	90.9	92.3	93.6	94.0	94.0	94.4	94.5	94.5	94.5	94.6	94.8	94.8
>= 300	24.5	80.8	85.6	89.1	91.5	92.9	94.6	95.0	95.0	95.6	95.7	95.7	95.8	95.9	96.2	96.2
>= 200	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.6	96.8	96.8	97.1	97.3	97.6	97.7
>= 100	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.7	97.0	97.0	97.7	97.8	98.4	98.9
>= 0	24.5	80.8	85.6	89.2	91.8	93.3	95.2	95.7	95.7	96.7	97.0	97.0	98.0	98.1	98.8	100.0

TOTAL NO. OF OBS : 1281

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
CLASS : ALL WEATHER HOUR : ALL
CONDITION : NONE SPECIFIED

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	20.3	48.4	49.4	50.5	51.0	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4
>=20000	20.8	51.9	53.2	54.4	55.0	55.1	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.5	55.5
>=18000	20.9	52.1	53.4	54.5	55.1	55.3	55.4	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.7
>=16000	21.0	52.3	53.6	54.7	55.4	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.9
>=14000	21.3	52.8	54.1	55.3	55.9	56.1	56.2	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.5
>=12000	21.8	54.1	55.5	56.6	57.3	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8
>=10000	22.7	57.7	59.3	60.6	61.3	61.5	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9
>= 9000	22.9	58.3	59.9	61.3	62.0	62.2	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.6	62.6
>= 8000	23.7	62.8	64.7	66.2	67.0	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.7
>= 7000	24.1	64.4	66.4	68.0	68.9	69.1	69.3	69.3	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6
>= 6000	24.4	65.4	67.6	69.2	70.1	70.3	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9
>= 5000	24.7	67.5	69.9	71.7	72.6	72.9	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4
>= 4500	25.0	68.9	71.4	73.3	74.3	74.6	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2
>= 4000	25.4	70.2	73.3	75.3	76.3	76.6	76.9	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3
>= 3500	25.5	71.2	74.2	76.2	77.3	77.6	77.9	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3
>= 3000	25.8	73.5	76.7	78.9	80.1	80.4	80.8	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.2	81.2
>= 2500	25.9	74.5	77.9	80.2	81.5	81.9	82.2	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.7
>= 2000	26.1	75.6	79.2	81.8	83.2	83.6	84.1	84.2	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.6
>= 1800	26.1	75.7	79.4	82.0	83.4	83.8	84.3	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8
>= 1500	26.2	76.5	80.3	83.2	84.7	85.2	85.7	85.9	86.0	86.2	86.2	86.2	86.3	86.3	86.3	86.4
>= 1200	26.2	77.0	80.9	84.0	85.5	86.1	86.7	86.9	86.9	87.1	87.2	87.2	87.2	87.2	87.3	87.3
>= 1000	26.3	77.4	81.5	84.7	86.5	87.2	87.9	88.2	88.3	88.5	88.6	88.6	88.6	88.6	88.7	88.8
>= 900	26.3	77.6	81.7	85.0	86.9	87.6	88.4	88.7	88.8	89.1	89.2	89.2	89.2	89.2	89.3	89.3
>= 800	26.3	77.7	82.0	85.5	87.5	88.3	89.2	89.5	89.6	89.9	90.0	90.0	90.1	90.1	90.2	90.2
>= 700	26.3	77.9	82.3	85.9	88.1	88.9	89.9	90.3	90.3	90.7	90.8	90.8	90.9	90.9	91.0	91.0
>= 600	26.3	78.1	82.7	86.4	88.8	89.7	90.8	91.3	91.3	91.7	91.8	91.9	91.9	92.0	92.0	92.1
>= 500	26.3	78.2	82.9	86.8	89.4	90.6	92.0	92.5	92.6	93.0	93.1	93.2	93.3	93.3	93.4	93.5
>= 400	26.3	78.3	83.1	87.2	90.1	91.4	93.1	93.8	93.9	94.4	94.6	94.7	94.8	94.9	95.0	95.0
>= 300	26.3	78.4	83.2	87.5	90.6	92.1	94.0	95.0	95.1	95.7	96.1	96.1	96.3	96.4	96.6	96.7
>= 200	26.3	78.4	83.3	87.5	90.8	92.3	94.5	95.7	95.8	96.6	97.1	97.2	97.6	97.7	98.0	98.2
>= 100	26.3	78.4	83.3	87.5	90.8	92.4	94.6	95.8	95.9	96.8	97.5	97.5	98.2	98.3	98.8	99.3
>= 0	26.3	78.4	83.3	87.5	90.8	92.4	94.6	95.8	95.9	96.8	97.5	97.6	98.3	98.4	99.0	100.0

TOTAL NO. OF OBS : 10184

2 - CEILING VS VISIBILITY

013721 : PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH : ANN
CLASS : ALL WEATHER — HOLR : ALL
CONDITION : NONE SPECIFIED

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	21.1	48.3	50.8	52.4	53.3	53.5	53.7	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	54.0
>=20000	21.9	52.3	55.2	57.2	58.3	58.5	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0
>=18000	22.0	52.5	55.4	57.3	58.4	58.7	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.2	59.2
>=16000	22.1	52.7	55.6	57.5	58.6	58.9	59.1	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4
>=14000	22.5	53.4	56.3	58.3	59.4	59.6	59.9	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.2
>=12000	23.1	54.8	57.9	59.9	61.0	61.3	61.6	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8
>=10000	24.0	58.2	61.5	63.7	64.9	65.2	65.6	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.9
>= 9000	24.2	58.7	62.0	64.3	65.5	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5
>= 8000	24.9	62.4	66.1	68.6	70.0	70.4	70.7	70.8	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.1
>= 7000	25.3	63.6	67.4	70.0	71.5	71.8	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.5	72.5
>= 6000	25.6	64.6	68.5	71.1	72.6	72.9	73.3	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
>= 5000	26.1	66.2	70.3	73.0	74.6	74.9	75.3	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7
>= 4500	26.4	67.2	71.4	74.2	75.8	76.2	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
>= 4000	26.8	69.0	73.3	76.2	77.9	78.3	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1
>= 3500	27.1	69.8	74.2	77.2	78.9	79.3	79.7	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1
>= 3000	27.5	72.1	76.9	80.1	82.0	82.5	82.9	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.4
>= 2500	27.8	73.2	78.1	81.5	83.5	84.0	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.9	84.9
>= 2000	28.1	74.4	79.6	83.2	85.3	85.8	86.4	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.9
>= 1800	28.2	74.7	79.9	83.5	85.6	86.2	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2
>= 1500	28.4	75.6	81.1	84.9	87.2	87.7	88.4	88.6	88.6	88.7	88.8	88.8	88.8	88.8	88.9	88.9
>= 1200	28.5	76.2	81.8	85.7	88.1	88.7	89.4	89.6	89.7	89.8	89.9	89.9	89.9	89.9	90.0	90.0
>= 1000	28.6	76.8	82.7	86.8	89.4	90.1	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.5	91.6
>= 900	28.6	77.1	83.0	87.2	89.9	90.6	91.4	91.7	91.7	91.9	92.0	92.0	92.1	92.1	92.1	92.2
>= 800	28.6	77.4	83.4	87.8	90.6	91.4	92.3	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1	93.2
>= 700	28.6	77.6	83.7	88.3	91.2	92.1	93.1	93.5	93.5	93.8	93.9	93.9	94.0	94.0	94.0	94.1
>= 600	28.7	77.8	84.0	88.8	91.9	92.9	94.0	94.4	94.4	94.7	94.8	94.8	94.9	94.9	95.0	95.1
>= 500	28.7	78.0	84.3	89.2	92.5	93.6	94.9	95.4	95.4	95.8	95.9	95.9	96.0	96.1	96.1	96.2
>= 400	28.7	78.1	84.5	89.5	93.0	94.2	95.6	96.2	96.3	96.7	96.9	96.9	97.1	97.1	97.2	97.2
>= 300	28.7	78.1	84.6	89.6	93.2	94.5	96.1	96.8	96.9	97.4	97.7	97.7	97.9	98.0	98.1	98.2
>= 200	28.7	78.1	84.6	89.7	93.3	94.6	96.3	97.1	97.2	97.8	98.2	98.2	98.5	98.6	98.8	98.9
>= 100	28.7	78.1	84.6	89.7	93.3	94.6	96.3	97.2	97.2	97.9	98.3	98.4	98.8	98.8	99.2	99.6
>= 0	28.7	78.1	84.6	89.7	93.4	94.6	96.3	97.2	97.2	97.9	98.3	98.4	98.8	98.9	99.3	100.0

TOTAL NO. OF OBS : 119141

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 77	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 75	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>= 73	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 71	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	13	13	1	1
>= 69	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 67	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20	0	0
>= 65	.0	.0	.1	.1	.0*	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	31	31	7	0
>= 63	.0	.1	.1	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	46	46	13	1
>= 61	.0	.2	.2	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	72	72	33	15
>= 59	.1	.2	.1	.1	.2	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	88	88	60	33
>= 57	.0*	.3	.2	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	96	96	64	48
>= 55	.0*	.4	.2	.2	.2	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	138	138	89	56
>= 53	.1	.5	.3	.3	.2	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	168	168	105	79
>= 51	.2	.7	.3	.3	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	205	205	151	107
>= 49	.2	.6	.5	.4	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	253	253	154	140
>= 47	.2	.9	.7	.5	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	318	318	207	142
>= 45	.4	1.2	.7	.8	.3	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	390	390	269	172
>= 43	.7	1.5	1.0	1.0	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	529	529	367	227
>= 41	1.0	1.5	1.7	1.4	.7	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	668	668	467	333
>= 39	1.2	1.8	1.9	1.5	.9	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	758	758	568	360
>= 37	.9	2.2	2.6	1.9	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	847	847	648	369
>= 35	.9	2.5	2.9	1.9	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	905	905	826	476
>= 33	.9	2.5	2.9	1.7	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	860	860	868	509
>= 31	.6	2.6	2.3	1.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	731	731	964	597
>= 29	.5	2.1	2.6	1.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	654	654	857	592
>= 27	.3	2.0	2.3	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	559	559	696	609
>= 25	.3	1.4	2.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	454	454	650	653
>= 23	.2	1.3	1.8	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	372	372	514	594
>= 21	.2	1.1	1.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	284	284	473	539
>= 19	.2	.9	1.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	215	215	349	484
>= 17	.1	.7	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	152	152	245	521
>= 15	.1	.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	111	111	189	417
>= 13	.1	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	78	123	404
>= 11	.0*	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	45	45	83	379
>= 9	.1	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	32	32	51	312
>= 7	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	25	260
>= 5	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	18	234
>= 3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	13	148
>= 1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	1	116
>= -1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	8	73
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	49
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	36
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2

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PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : JAN
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DRY-BULB TEMP. (DEG F) — % FREQ. WET BULB TEMPERATURE DEPRESSION (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	TOTAL OBS DEW PT.
>=-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	1
TOTAL	9.6	30.7	31.6	17.5	6.9	2.6	.7	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	10152	10164	10156	10157

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	696340.	51245584.	68.6	18.569	10156
15 - DRY BULB	365199.	14270097.	35.9	10.629	10164
16 - WET BULB	330393.	11781649.	32.5	10.088	10156
17 - DEW PT.	261889.	8509675.	25.8	13.153	10157

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.7	273.4	4.0	.7	.0	.0	744
1.5	386.1	.1	.0	.0	.0	744
16.8	519.3	.1	.0	.0	.0	744

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LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB
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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 77	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 75	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	6	6	0	0
>= 73	.0	.0	.0	.0	.0	.0	.0*	.1	.0*	.0	.0*	.0	.0*	.0	.0	.0	.0	10	10	0	0
>= 71	.0	.0	.0	.0	.0	.0*	.1	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	10	10	0	0
>= 69	.0	.0	.0	.0	.0*	.1	.0*	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	15	15	0	0
>= 67	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	25	25	0	0
>= 65	.0	.0	.0*	.0*	.1	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	36	36	0	0
>= 63	.0	.0	.0*	.0*	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	36	36	5	0
>= 61	.0	.1	.1	.2	.1	.1	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	66	66	23	3
>= 59	.0*	.1	.1	.2	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	92	92	37	11
>= 57	.1	.2	.1	.1	.1	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	105	105	54	23
>= 55	.1	.3	.2	.2	.2	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	144	144	72	42
>= 53	.1	.5	.3	.3	.2	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	181	181	106	62
>= 51	.1	.5	.4	.4	.4	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	208	208	126	91
>= 49	.2	.7	.6	.6	.3	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	277	277	159	99
>= 47	.3	.8	.6	.8	.6	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	357	357	226	136
>= 45	.4	1.4	1.0	1.2	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	489	489	325	179
>= 43	.6	1.5	1.2	1.3	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	520	520	398	235
>= 41	.5	1.9	1.7	1.6	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	648	648	495	279
>= 39	.8	2.1	2.1	1.6	.9	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	716	716	614	351
>= 37	.9	2.5	2.3	1.7	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	761	761	705	419
>= 35	.7	2.7	3.0	1.8	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	830	830	770	466
>= 33	.7	3.0	2.6	1.7	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	790	790	824	556
>= 31	.5	2.3	2.3	1.5	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	638	638	862	570
>= 29	.3	2.3	2.4	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	578	578	707	644
>= 27	.5	1.7	2.2	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	485	485	670	638
>= 25	.2	1.3	1.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	371	371	555	578
>= 23	.1	1.1	1.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	270	270	445	565
>= 21	.1	.8	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	161	161	344	478
>= 19	.0*	.8	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	150	150	253	393
>= 17	.0	.6	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	102	102	161	409
>= 15	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68	68	132	392
>= 13	.0*	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	50	67	341
>= 11	.0	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	20	20	63	300
>= 9	.0	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	20	216
>= 7	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	16	192
>= 5	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	4	122
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	124
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	103
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	68
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	56
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	43
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	27
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB

DRY-BULB TEMP. (DEG F) — % FREQ. WET BULB TEMPERATURE DEPRESSION (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	TOTAL OBS DEW PT.
TOTAL	7.4	30.3	28.9	18.4	8.4	3.6	1.6	.9	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	9240	9261	9240	9240

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	619236.	44951552.	67.0	19.330	9240
15 - DRY BULB	346507.	13945625.	37.4	10.292	9261
16 - WET BULB	310384.	11245618.	33.6	9.418	9240
17 - DEW PT.	244477.	7909239.	26.5	12.488	9240

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
	.1	211.9	5.2	1.5	.1	.0	672
	1.7	314.5	.0	.0	.0	.0	672
	16.2	457.3	.0	.0	.0	.0	672

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 83	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 81	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 79	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	9	9	0	0
>= 77	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	21	21	0	0
>= 75	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	25	25	0	0
>= 73	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	38	38	1	0
>= 71	.0	.0	.0*	.0*	.1	.1	.1	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	57	57	1	1
>= 69	.0	.0	.0*	.0*	.1	.1	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	57	57	5	0
>= 67	.0	.0	.0*	.1	.2	.2	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	84	84	13	1
>= 65	.0	.0*	.1	.2	.1	.3	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	126	126	29	3
>= 63	.0*	.1	.2	.3	.3	.2	.3	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	180	180	42	15
>= 61	.0*	.2	.3	.3	.3	.2	.3	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	208	208	101	32
>= 59	.1	.3	.5	.3	.3	.3	.3	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	248	248	134	66
>= 57	.1	.5	.5	.4	.4	.5	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	296	296	176	104
>= 55	.2	.5	.3	.5	.5	.5	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	359	359	244	154
>= 53	.2	.7	.9	.7	.7	.6	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	476	476	252	159
>= 51	.2	.9	.8	.7	.9	.8	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	511	511	302	196
>= 49	.4	1.1	.9	1.0	1.2	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	627	627	416	261
>= 47	.6	1.7	1.4	1.3	1.4	.9	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	780	780	538	343
>= 45	.8	2.0	1.6	1.6	1.5	.6	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	865	865	704	407
>= 43	1.0	2.0	1.8	2.0	1.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	944	944	825	459
>= 41	.9	2.0	2.2	1.9	1.2	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	901	901	906	540
>= 39	.8	1.8	2.2	1.7	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	825	825	1002	571
>= 37	.7	1.9	1.7	1.6	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	728	728	995	654
>= 35	.5	1.3	1.7	1.4	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	570	570	937	705
>= 33	.3	1.0	1.4	1.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	449	449	658	666
>= 31	.2	.8	1.4	1.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	367	367	635	659
>= 29	.1	.7	1.1	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	267	267	493	668
>= 27	.1	.5	.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	159	159	407	600
>= 25	.1	.2	.6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	96	96	260	582
>= 23	.0*	.1	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	51	51	151	497
>= 21	.0*	.1	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	35	35	83	423
>= 19	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17	17	60	346
>= 17	.0*	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	26	335
>= 15	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	11	312
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	6	229
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	143
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	97
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	81
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	51
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	16
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
PAGE 2

DRY-BULB TEMP. (DEG F) — % FREQ. WET BULB TEMPERATURE DEPRESSION (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 C.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
TOTAL	7.4	20.7	22.8	19.5	13.9	7.7	4.4	1.9	1.0	.6	.2	.1	.0*	.0	.0	.0	.0	10415	10416	10415	10415

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	680681.	48789733.	65.4	20.328	10415
15 - DRY BULB	468653.	22174407.	45.0	10.221	10416
16 - WET BULB	416561.	17506245.	40.0	9.010	10415
17 - DEW PT.	341749.	12667081.	32.8	11.813	10415

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
16 - WET BULB	.0	72.3	22.2	8.1	1.8	.0	744
17 - DEW PT.	.1	152.5	1.4	.1	.0	.0	744
	1.0	362.7	.1	.0	.0	.0	744

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR
PAGE 1

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0*	3	3	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	6	6	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	.0	.0	5	5	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	20	20	0	0
>= 83	.0	.0	.0	.0	.0	.0*	.0	.0*	.0*	.1	.1	.1	.0*	.0*	.0	.0	.0	34	34	0	0
>= 81	.0	.0	.0	.0	.0	.0	.1	.0*	.1	.2	.0*	.1	.1*	.0*	.0	.0	.0	52	52	0	0
>= 79	.0	.0	.0	.0*	.0	.0*	.1	.1	.2	.0*	.1	.0*	.0*	.0*	.0	.0	.0	57	57	0	0
>= 77	.0	.0	.0	.0	.0*	.0*	.1	.2	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	78	78	0	0
>= 75	.0	.0	.0	.0*	.1	.2	.3	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	108	108	0	0
>= 73	.0	.0	.0	.0*	.2	.3	.3	.2	.1	.1	.1	.0*	.0	.0	.0	.0	.0	133	133	2	1
>= 71	.0	.0	.0*	.2	.2	.4	.2	.3	.1	.2	.1	.0*	.0	.0	.0	.0	.0	172	172	1	0
>= 69	.0	.0*	.2	.3	.5	.4	.3	.2	.2	.2	.1	.0*	.0	.0	.0	.0	.0	252	252	24	1
>= 67	.0	.0*	.4	.5	.4	.4	.3	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	291	291	66	3
>= 65	.0*	.4	.6	.5	.6	.6	.4	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	390	390	159	18
>= 63	.1	.6	.7	.7	.5	.5	.6	.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	463	463	295	102
>= 61	.3	.8	.8	.8	.7	.7	.8	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	559	559	378	194
>= 59	.4	1.2	1.0	.9	1.0	1.0	1.0	.5	.2	.0	.0	.0	.0	.0	.0	.0	.0	722	722	407	281
>= 57	.5	1.1	1.2	1.1	1.2	1.1	1.0	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	779	779	548	365
>= 55	.5	1.6	1.5	1.2	1.1	1.4	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	855	855	623	440
>= 53	.6	1.6	1.6	1.6	1.4	1.4	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	880	880	706	494
>= 51	.4	1.9	1.9	1.5	1.6	1.0	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	901	901	800	529
>= 49	.6	1.4	1.7	1.7	1.7	.9	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	839	839	941	602
>= 47	.4	1.4	1.7	1.6	1.3	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	707	707	981	589
>= 45	.2	1.4	1.5	1.6	.9	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	597	597	950	646
>= 43	.2	.9	1.3	1.0	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	403	403	900	642
>= 41	.1	.6	1.2	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	305	305	747	677
>= 39	.1	.5	.7	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	205	205	609	592
>= 37	.1	.3	.5	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	130	130	394	642
>= 35	.0*	.1	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	67	242	666
>= 33	.0*	.0*	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	34	34	146	630
>= 31	.0*	.0*	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	18	18	76	520
>= 29	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5	5	44	379
>= 27	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	24	340
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	7	236
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	167
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	123
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	65
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	51
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	36
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

3 - PSYCHROMETRIC SUMMARY

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : APR

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
TOTAL	4.6	15.9	19.0	17.3	14.7	11.5	7.4	4.6	2.4	1.2	.8	.3	.2	.1	.0*	.0	.0*	10074	10076	10074	10076

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS	48 - MEAN NO. OF HOURS WITH TEMP. <=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM	650069.	45967141.	64.5	19.974	10074							
15 - DRY BULB	556275.	31624879.	55.2	9.525	10076	.0	1.9	86.6	35.4	10.9	.0	720
16 - WET BULB	491737.	24655343.	48.8	8.048	10074	.4	11.5	6.6	.1	.0	.0	720
17 - DEW PT.	424073.	18987523.	42.1	10.634	10076	.0	140.2	.4	.1	.0	.0	720

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : MAY

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	1	1	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	6	6	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	12	12	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	17	17	0	0
>= 87	.0	.0	.0	.0	.0*	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	35	35	0	0
>= 85	.0	.0	.0	.0	.0*	.0*	.1	.1	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	64	64	0	0
>= 83	.0	.0	.0	.0*	.0*	.1	.2	.2	.2	.1	.1	.0*	.0	.0*	.0	.0	.0	92	92	0	0
>= 81	.0	.0	.0	.0*	.1	.2	.4	.3	.3	.1	.1	.0*	.0*	.0*	.0	.0	.0	170	170	0	0
>= 79	.0	.0	.0*	.1	.3	.4	.5	.3	.2	.1	.1	.1	.0*	.0	.0	.0	.0	229	229	1	0
>= 77	.0	.0	.0*	.3	.5	.5	.4	.3	.2	.2	.1	.0*	.0	.0	.0	.0	.0	272	272	10	0
>= 75	.0	.0*	.1	.5	.7	.8	.5	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	363	363	22	2
>= 73	.0*	.1	.6	.8	1.0	.9	.6	.4	.4	.2	.1	.0*	.0*	.0	.0	.0	.0	529	529	83	16
>= 71	.0*	.4	1.2	1.1	1.0	.8	.7	.5	.3	.2	.0*	.0	.0	.0	.0	.0	.0	649	649	200	41
>= 69	.1	1.0	1.4	1.4	1.2	.8	.8	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	781	781	443	162
>= 67	.3	1.4	1.8	1.4	1.1	1.0	.7	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	860	860	646	362
>= 65	.4	1.4	1.8	1.5	1.3	1.3	.9	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	968	968	785	511
>= 63	.6	2.3	1.6	1.7	1.4	.8	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	963	963	883	642
>= 61	.6	2.1	1.6	1.7	1.3	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	945	945	974	786
>= 59	.6	1.8	1.7	1.5	1.3	.8	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	875	875	1025	849
>= 57	.6	1.6	1.6	1.5	1.0	.6	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	761	761	1033	853
>= 55	.5	1.4	1.4	1.0	.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	555	555	1018	786
>= 53	.3	1.2	1.0	.9	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	452	452	860	783
>= 51	.2	.9	.9	.7	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	330	330	743	745
>= 49	.3	.5	.6	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	233	233	624	753
>= 47	.0*	.3	.4	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	144	144	412	656
>= 45	.0*	.1	.2	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	68	68	283	582
>= 43	.0	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	22	22	172	443
>= 41	.0	.0*	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	100	384
>= 39	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	61	277
>= 37	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	23	225
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	9	156
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	142
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	84
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	57
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	33
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	19
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
TOTAL	4.4	16.7	18.1	17.0	14.2	11.2	8.3	4.7	2.7	1.4	.6	.4	.1	.1	.0	.0	.0	10413	10415	10413	10412

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	720641.	53318869.	69.2	18.193	10413
15 - DRY BULB	671694.	44077946.	64.5	8.534	10415
16 - WET BULB	604660.	35669448.	58.1	7.322	10413
17 - DEW PT.	553200.	30317746.	53.1	9.429	10412

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.0	.0	291.5	127.9	35.7	.5	744
.2	.3	100.4	8.3	.0	.0	744
.0	18.3	41.7	1.3	.0	.0	744

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	2	2	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	3	3	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	17	17	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	32	32	0	0
>= 91	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	80	80	0	0
>= 89	.0	.0	.0	.0	.0*	.1	.2	.4	.3	.1	.1	.0*	.0*	.0	.0	.0	.0	140	140	0	0
>= 87	.0	.0	.0	.0*	.1	.3	.6	.5	.1	.2	.0*	.0*	.0*	.0	.0	.0	.0	185	185	0	0
>= 85	.0	.0	.0	.1	.3	.5	.8	.5	.4	.2	.1	.0*	.0*	.0	.0	.0	.0	291	291	0	0
>= 83	.0	.0*	.0*	.2	.8	1.0	.8	.4	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	371	371	2	0
>= 81	.0*	.0*	.2	.7	1.2	1.2	1.0	.6	.3	.1	.1	.0*	.0	.0	.0	.0	.0	549	549	14	2
>= 79	.0*	.0*	.5	1.1	1.6	1.2	.9	.7	.4	.1	.1	.0	.0	.0	.0	.0	.0	670	670	80	7
>= 77	.0*	.2	1.2	1.9	1.7	1.0	.9	.7	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	851	851	213	36
>= 75	.0*	.6	1.8	2.5	1.7	1.3	1.0	.6	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	1020	1020	485	143
>= 73	.1	1.5	2.7	2.0	1.5	1.2	1.0	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	1090	1090	779	357
>= 71	.3	2.0	2.3	1.9	1.3	.9	.7	.4	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	1010	1010	1124	678
>= 69	.4	1.9	2.2	2.0	1.3	.9	.4	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	967	967	1284	1071
>= 67	.3	1.4	2.2	1.3	1.3	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	763	763	1095	1127
>= 65	.4	1.4	1.9	1.4	.8	.5	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	663	663	1086	924
>= 63	.2	.9	1.5	1.0	.7	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	487	487	1022	904
>= 61	.2	1.1	.8	.9	.4	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	377	377	850	887
>= 59	.1	.7	.7	.5	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	246	246	775	855
>= 57	.1	.4	.4	.5	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	164	164	515	730
>= 55	.0*	.2	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	67	355	596
>= 53	.0	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	23	23	203	515
>= 51	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9	9	124	368
>= 49	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	43	298
>= 47	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	21	227
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	6	153
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	87
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	56
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	11
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 29	.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
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
TOTAL	2.3	12.5	18.9	18.2	15.3	11.6	9.0	6.1	3.3	1.7	.7	.2	.1	.0	.0	.0	.0	10080	10080	10080	10079

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	709281.	52456519.	70.4	15.899	10080
15 - DRY BULB	736552.	54412712.	73.1	7.666	10080
16 - WET BULB	666264.	44436770.	66.1	6.286	10080
17 - DEW PT.	625349.	39401451.	62.0	7.728	10079

4C - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM							
15 - DRY BULB	.0	.0	574.4	378.6	143.9	3.9	720
16 - WET BULB	.0	.0	362.6	112.4	3.8	.0	720
17 - DEW PT.	.0	.?	244.4	38.9	.4	.0	720

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MONTH : JUL

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	4	4	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	17	17	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0*	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	38	38	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.2	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	80	80	0	0
>= 91	.0	.0	.0	.0*	.0	.0*	.3	.4	.5	.2	.1	.1	.0	.0	.0	.0	.0	158	158	0	0
>= 89	.0	.0	.0	.0	.0*	.4	.7	.7	.6	.2	.1	.0*	.0*	.0	.0	.0	.0	277	277	0	0
>= 87	.0	.0	.0*	.0*	.3	.9	1.1	.7	.4	.2	.1	.0*	.0*	.0	.0	.0	.0	388	388	0	0
>= 85	.0	.0	.0*	.2	1.1	1.6	1.2	.8	.4	.2	.1	.0*	.0*	.0	.0	.0	.0	600	600	1	0
>= 83	.0	.0	.1	.8	2.0	1.6	.9	.7	.5	.2	.1	.0*	.0	.0	.0	.0	.0	722	722	3	2
>= 81	.0	.0*	.6	1.9	2.1	1.5	1.0	.7	.5	.2	.1	.0*	.0	.0	.0	.0	.0	893	893	40	1
>= 79	.0*	.2	2.1	2.7	2.3	1.4	1.1	.8	.5	.2	.1	.0	.0	.0	.0	.0	.0	1183	1183	225	17
>= 77	.0*	1.1	3.0	2.5	2.1	1.3	.8	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	1243	1243	638	132
>= 75	.2	2.9	3.6	2.2	1.6	1.1	.9	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	1357	1357	1349	520
>= 73	.5	3.1	2.8	2.4	1.6	1.0	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1242	1242	1714	1223
>= 71	.4	2.4	2.0	1.7	1.0	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	877	877	1674	1541
>= 69	.3	1.4	1.7	1.1	.8	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	606	606	1374	1487
>= 67	.1	.8	1.3	.7	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	379	379	1098	1178
>= 65	.1	.4	.6	.4	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	202	202	932	1001
>= 63	.0*	.2	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	86	86	621	830
>= 61	.0*	.1	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	37	37	392	713
>= 59	.0	.1	.1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15	15	201	563
>= 57	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	101	442
>= 55	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	38	274
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	9	207
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	123
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	84
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	53
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
TOTAL	1.8	12.7	18.2	17.0	15.6	12.1	9.0	6.3	4.1	2.0	.9	.3	.1	.0*	.0	.0	.0	10410	10414	10410	10413

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	741456.	55309996.	71.2	15.481	10409
15 - DRY BULB	808260.	63157442.	77.6	6.397	10414
16 - WET BULB	733054.	51873192.	70.4	4.928	10410
17 - DEW PT.	695577.	46874789.	66.8	6.283	10413

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
15 - DRY BULB	.0	.0	719.4	586.3	272.6	10.0	744
16 - WET BULB	.4	.4	580.0	283.7	8.7	.0	744
17 - DEW PT.	.0	.0	435.9	135.4	.6	.0	744

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	2	2	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0	.0*	.0	.0	.0	6	6	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	26	26	0	0
>= 93	.0	.0	.0	.0	.0	.0*	.0*	.1	.2	.1	.0*	.0	.0*	.0	.0	.0	.0	49	49	0	0
>= 91	.0	.0	.0	.0	.0*	.0*	.2	.3	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	98	98	0	0
>= 89	.0	.0	.0	.0	.1	.2	.5	.5	.4	.1	.1	.0*	.0*	.0	.0	.0	.0	193	193	0	0
>= 87	.0	.0	.0	.0*	.2	.7	1.1	.7	.3	.2	.1	.0*	.0	.0	.0	.0	.0	340	340	0	0
>= 85	.0*	.0	.0	.2	.8	1.3	1.1	.8	.3	.2	.0*	.0	.0	.0	.0	.0	.0	494	494	1	0
>= 83	.0	.0	.1	.7	1.5	1.4	.9	.6	.4	.2	.1	.0*	.0	.0	.0	.0	.0	609	609	4	0
>= 81	.0	.0*	.5	1.6	1.9	1.3	.8	.7	.3	.1	.0*	.0	.0	.0	.0	.0	.0	765	765	22	3
>= 79	.0	.3	1.9	2.8	1.9	1.4	1.0	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	1056	1056	161	10
>= 77	.0	1.1	3.0	2.7	1.9	1.0	1.0	.5	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	1211	1211	532	108
>= 75	.2	2.9	3.9	2.7	1.6	1.2	.7	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	1441	1441	1141	434
>= 73	.6	3.1	3.7	2.2	1.5	.7	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	1319	1319	1650	1087
>= 71	.7	2.9	2.5	1.8	1.1	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	1045	1045	1737	1541
>= 69	.4	1.7	1.8	1.4	.9	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	717	717	1512	1553
>= 67	.2	.9	1.4	1.0	.7	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	482	482	1087	1264
>= 65	.1	.7	.8	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	280	280	930	946
>= 63	.1	.2	.4	.4	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	149	149	638	887
>= 61	.0*	.2	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	80	80	453	710
>= 59	.0	.0*	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	275	597
>= 57	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12	12	146	417
>= 55	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	70	280
>= 53	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	24	235
>= 51	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	14	145
>= 49	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	11	93
>= 47	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	4	45
>= 45	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	18
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 33	.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	1
TOTAL	2.4	14.2	20.4	18.4	14.8	11.0	8.6	5.6	2.8	1.3	.5	.1	.0*	.0*	.0	.0	.0	10414	10415	10414	10414

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	759541.	57723555.	72.9	14.948	10414
15 - DRY BULB	796193.	61292743.	76.4	6.399	10415
16 - WET BULB	727298.	51069704.	69.8	5.151	10414
17 - DEW PT.	692064.	46420176.	66.5	6.418	10414

4C - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
	.0	.0	703.9	543.6	223.5	5.9	744
	.1	.1	560.6	250.8	6.4	.0	744
	.0	.1	428.7	117.3	.4	.0	744

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : SEP
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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (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	WET BULB	DEW PT.
>= 97	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	1	1	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0*	.0	.0	.0	.0	7	7	0	0
>= 93	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	6	6	0	0
>= 91	.0	.0	.0	.0	.0	.0	.0*	.0*	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	30	30	0	0
>= 89	.0	.0	.0	.0	.0	.0*	.1	.1	.1	.0*	.1	.0*	.0	.0	.0*	.0	.0	58	58	0	0
>= 87	.0	.0	.0	.0*	.0*	.2	.3	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	96	96	0	0
>= 85	.0	.0	.0*	.0*	.3	.4	.4	.3	.2	.0*	.0*	.0*	.0*	.0	.0	.0	.0	177	177	0	0
>= 83	.0	.0	.1	.2	.6	.7	.5	.3	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	261	261	0	0
>= 81	.0	.0*	.1	.5	1.0	.9	.4	.4	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	369	369	9	2
>= 79	.0*	.1	.5	1.1	1.0	1.0	.5	.4	.3	.1	.0*	.0	.0	.0	.0	.0	.0	512	512	39	11
>= 77	.1	.5	1.1	1.3	1.3	.8	.7	.5	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	653	653	172	40
>= 75	.2	1.2	1.9	1.5	1.4	.8	1.0	.5	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	880	880	374	163
>= 73	.3	2.0	2.1	1.6	1.0	.9	.7	.3	.2	.1	.0*	.0	.0	.0	.0	.0	.0	937	937	681	343
>= 71	.4	2.3	2.4	1.8	1.2	.9	.8	.3	.1	.1	.0*	.0	.0	.0	.0	.0	.0	1045	1045	948	633
>= 69	.6	1.9	2.3	1.9	1.2	1.0	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	986	986	1015	858
>= 67	.6	1.5	2.2	1.7	1.2	.9	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	881	881	967	875
>= 65	.6	1.7	2.3	1.8	1.0	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	859	859	962	851
>= 63	.3	1.4	1.6	1.2	.8	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	622	622	985	823
>= 61	.4	1.3	1.2	1.2	.7	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	544	544	897	798
>= 59	.3	.9	1.0	1.1	.5	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	437	437	827	827
>= 57	.3	.6	.7	.9	.4	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	320	320	682	783
>= 55	.1	.2	.6	.4	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	164	164	499	630
>= 53	.0*	.1	.3	.3	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	97	97	362	498
>= 51	.0	.0*	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	55	55	263	493
>= 49	.0	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	155	354
>= 47	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6	6	109	298
>= 45	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	69	230
>= 43	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	18	163
>= 41	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	134
>= 39	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	100
>= 37	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	59
>= 35	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	38
>= 33	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	23
>= 31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= 27	.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	1
TOTAL	4.2	15.8	20.8	18.8	14.4	10.8	7.5	4.3	2.1	.7	.4	.1	.0*	.0	.0*	.0	.0	10036	10074	10036	10037

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	729524.	55590824.	72.7	15.976	10036
15 - DRY BULB	709869.	50640839.	70.5	7.843	10074
16 - WET BULB	645826.	42071416.	64.4	7.142	10036
17 - DEW PT.	607585.	37558527.	60.5	8.808	10037

4C - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
15 - DRY BULB	.0	.0	495.4	286.4	92.1	1.1	720
16 - WET BULB	3.2	3.2	301.7	91.5	1.7	.0	720
17 - DEW PT.	.0	.7	209.8	40.1	.3	.0	720

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PERIOD OF RECORD : 1945-1986 — MONTH : OCT
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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 91	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0	.0	.0	1	1	0	0
>= 89	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 87	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	10	10	0	0
>= 85	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	12	12	0	0
>= 83	.0	.0	.0	.0	.0*	.1	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	41	41	0	0
>= 81	.0	.0	.0	.0	.1	.1	.0*	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	35	35	0	0
>= 79	.0	.0	.0*	.0*	.1	.2	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	81	81	0	0
>= 77	.0	.0*	.1	.1	.2	.3	.2	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	116	116	0	0
>= 75	.0	.0*	.1	.3	.3	.2	.2	.2	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	156	156	10	0
>= 73	.0	.2	.5	.6	.4	.5	.3	.1	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	291	291	42	7
>= 71	.0*	.4	.7	.7	.6	.5	.3	.2	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	372	372	125	36
>= 69	.0*	.7	1.1	1.1	.8	.7	.3	.2	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	523	523	208	97
>= 67	.2	1.5	1.2	1.1	.8	.8	.5	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	686	686	371	227
>= 65	.4	2.0	1.6	1.2	.7	.5	.5	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	768	768	546	364
>= 63	.7	2.4	1.7	1.4	.9	.7	.6	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	905	905	715	516
>= 61	.8	2.4	1.8	1.5	.9	1.1	.6	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	977	977	827	644
>= 59	.8	1.9	2.2	1.6	1.2	.9	.5	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	980	980	813	669
>= 57	.5	1.7	1.9	1.5	1.4	.7	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	865	865	834	712
>= 55	.3	1.4	2.0	1.6	1.2	.7	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	800	800	846	628
>= 53	.3	1.2	1.9	1.7	1.0	.7	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	738	738	789	751
>= 51	.2	1.1	1.6	1.5	.8	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	585	585	866	634
>= 49	.2	.8	1.6	1.1	.6	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	489	489	844	640
>= 47	.2	.6	.8	.9	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	342	342	714	641
>= 45	.1	.4	.8	.6	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	238	238	594	591
>= 43	.1	.2	.4	.4	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	148	148	423	579
>= 41	.1	.3	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	113	113	323	577
>= 39	.0*	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	74	74	226	462
>= 37	.0*	.1	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	33	33	132	374
>= 35	.0	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	87	305
>= 33	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10	10	47	284
>= 31	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	19	191
>= 29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	7	152
>= 27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	2	129
>= 25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	1	79
>= 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	44
>= 21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	34
>= 19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	25
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	13
>= 15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	4
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
TOTAL	5.1	19.5	22.7	19.7	13.2	9.9	5.7	2.4	1.3	.4	.1	.0*	.0	.0*	.0	.0	.0	10411	10414	10411	10411

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	744347.	56365663.	71.5	17.389	10411
15 - DRY BULB	624396.	38219926.	60.0	8.670	10414
16 - WET BULB	568495.	31774365.	54.6	8.383	10411
17 - DEW PT.	519335.	27106063.	49.9	10.736	10411

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.0	.1	166.4	53.4	10.2	.0	744
.4	2.4	54.0	3.7	.0	.0	744
.0	48.1	26.2	.5	.0	.0	744

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL	TOTAL OBS		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30	D.B./ W.B.	DRY BULB	WET BULB	DEW PT.
>= 81	.0	.0	.0	.0	.0	.0*	.0	.0	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	4	4	0	0
>= 79	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	7	7	0	0
>= 77	.0	.0	.0	.0*	.0*	.0*	.0*	.1	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	26	26	0	0
>= 75	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	15	15	0	0
>= 73	.0	.0	.0	.1	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	34	34	0	0
>= 71	.0	.0	.1	.1	.2	.1	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	76	76	5	0
>= 69	.0	.1	.2	.2	.1	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	102	102	15	1
>= 67	.0*	.2	.3	.3	.2	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	151	151	48	24
>= 65	.1	.5	.3	.4	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	220	220	91	51
>= 63	.2	.7	.5	.6	.2	.3	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	304	304	157	109
>= 61	.2	1.0	.6	.7	.5	.4	.2	.3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	402	402	212	141
>= 59	.6	1.4	1.0	.7	.7	.4	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	544	544	343	229
>= 57	.6	1.4	1.1	.9	.7	.6	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	581	561	402	296
>= 55	.5	1.2	1.2	.9	.9	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	593	593	436	325
>= 53	.4	1.6	1.4	1.3	1.0	.8	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	688	688	497	347
>= 51	.4	1.5	1.7	1.3	1.2	.8	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	712	712	531	392
>= 49	.6	1.5	1.9	1.9	1.6	.9	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	856	856	647	410
>= 47	.5	1.4	1.6	2.0	1.8	.6	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	808	808	740	469
>= 45	.4	1.4	2.0	2.0	1.3	.5	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	774	774	751	496
>= 43	.3	1.3	1.9	2.0	1.2	.2	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	691	691	806	579
>= 41	.4	1.3	2.0	1.9	1.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	676	676	837	520
>= 39	.2	1.0	1.8	1.6	.7	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	543	543	873	564
>= 37	.1	.9	1.7	1.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	433	433	707	609
>= 35	.2	.6	1.2	.8	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	295	295	616	640
>= 33	.1	.6	.9	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	210	210	499	653
>= 31	.1	.4	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	134	134	362	589
>= 29	.0*	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	78	78	214	627
>= 27	.0*	.2	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	59	59	119	508
>= 25	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25	25	75	398
>= 23	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8	8	47	342
>= 21	.0*	.0*	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	19	253
>= 19	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	9	185
>= 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	7	101
>= 15	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1	1	1	78
>= 13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	50
>= 11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	31
>= 9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	24
>= 7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	15
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	5
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>= -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	2

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DRY-BULB TEMP. (DEG F) — % FREQ. WET BULB TEMPERATURE DEPRESSION (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	TOTAL OBS DEW PT.
TOTAL	6.2	20.9	24.7	21.9	14.0	7.3	2.9	1.5	.4	.1	.1	.0	.C	.0	.C	.0	.0	10066	10072	10066	10068

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	695864.	51380534.	69.1	18.039	10066
15 - DRY BULB	499018.	25658600.	49.5	9.634	10072
16 - WET BULB	450945.	21071357.	44.8	9.295	10066
17 - DEW PT.	392530.	16716282.	39.0	11.845	10068

4C - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.C	23.C	29.7	6.1	.6	.0	720
.4	61.4	4.9	.0	.0	.0	720
.3	229.8	1.8	.0	.0	.0	720

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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 75	.0	.0	.0	.0*	.0	.0	.0	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	2	2	0	0
>= 73	.0	.0	.0	.0*	.0	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	8	8	0	0
>= 71	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	13	13	0	0
>= 69	.0	.0	.1	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	25	25	1	0
>= 67	.0	.0	.1	.0*	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	31	31	3	0
>= 65	.0	.1	.2	.2	.1	.1	.0*	.0	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	76	76	19	2
>= 63	.0	.1	.1	.1	.0*	.0*	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	60	60	32	19
>= 61	.0*	.3	.2	.2	.1	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	100	100	50	33
>= 59	.1	.3	.3	.2	.2	.1	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	148	148	86	58
>= 57	.1	.3	.3	.2	.1	.2	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	146	146	97	67
>= 55	.3	.5	.4	.3	.2	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	212	212	135	94
>= 53	.2	.7	.5	.4	.4	.3	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	266	266	160	115
>= 51	.2	.8	.6	.4	.6	.5	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	345	345	215	149
>= 49	.5	1.4	1.0	.7	.6	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	491	491	267	203
>= 47	.5	1.3	1.0	1.1	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	533	533	382	254
>= 45	.6	1.6	1.5	1.1	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	639	639	454	331
>= 43	.8	2.2	1.7	1.4	1.0	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	760	760	596	313
>= 41	.7	2.0	2.4	1.8	.9	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	841	841	683	440
>= 39	.9	2.0	2.4	2.3	.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	900	900	751	474
>= 37	.8	2.0	2.2	2.4	.8	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	852	852	829	504
>= 35	.6	1.8	2.9	1.7	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	777	777	872	517
>= 33	.4	2.1	2.4	1.7	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	712	712	875	623
>= 31	.5	1.9	2.2	1.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	625	625	887	637
>= 29	.2	1.8	2.3	1.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	566	566	732	679
>= 27	.2	1.3	1.6	.6	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	388	388	659	599
>= 25	.1	1.1	1.2	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	290	290	498	695
>= 23	.1	.8	1.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	234	234	376	612
>= 21	.0*	.6	.7	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	147	147	270	578
>= 19	.0	.5	.4	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	91	91	199	480
>= 17	.0	.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	49	49	128	409
>= 15	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	67	313
>= 13	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14	14	30	292
>= 11	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	12	218
>= 9	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4	4	7	191
>= 7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7	7	2	150
>= 5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	8	127
>= 3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	76
>= 1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	56
>= -1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	38
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	18
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	9
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	10
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	3
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	1

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LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
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DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (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	TOTAL OBS DEW PT.
TOTAL	7.9	27.9	30.1	19.9	8.7	3.7	1.2	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	10382	10387	10382	10393

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	715661.	52822193.	68.9	18.335	10382
15 - DRY BULB	414017.	17545079.	39.9	10.020	10387
16 - WET BULB	374778.	14489250.	36.1	9.618	10382
17 - DEW PT.	308521.	10797873.	29.7	12.560	10393

40 - MEAN NO. OF HOURS WITH TEMP.

<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
.0	175.2	5.7	.7	.0	.0	744
1.9	279.6	.3	.0	.0	.0	744
6.1	443.6	.0	.0	.0	.0	744

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1965-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ANN

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	WET BULB	DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30			
>=101	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	3	3	0	0
>= 99	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0	.0	.0	.0	.0	6	6	0	0
>= 97	.0	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	27	27	0	0
>= 95	.0	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	.0	89	89	0	0
>= 93	.0	.0	.0	.0	.0	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0	.0	.0	173	173	0	0
>= 91	.0	.0	.0	.0*	.0*	.0*	.0*	.1	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	.0*	382	382	0	0
>= 89	.0	.0	.0	.0	.0*	.1	.1	.1	.1	.0*	.0*	.0*	.0*	.0	.0*	.0	.0	695	695	0	0
>= 87	.0	.0	.0*	.0*	.1	.2	.3	.2	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	1059	1059	0	0
>= 85	.0*	.0	.0*	.0*	.2	.3	.3	.2	.1	.1	.0*	.0*	.0*	.0*	.0*	.0	.0	1660	1660	2	0
>= 83	.0	.0*	.0*	.2	.4	.4	.3	.2	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	2136	2136	9	2
>= 81	.0*	.0*	.1	.4	.5	.4	.3	.2	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	2849	2849	85	8
>= 79	.0*	.1	.4	.7	.6	.5	.4	.3	.1	.1	.0*	.0*	.0*	.0*	.0	.0	.0	3805	3805	506	45
>= 77	.0*	.3	.7	.7	.7	.4	.3	.3	.1	.1	.0*	.0*	.0*	.0	.0	.0	.0	4476	4476	1565	316
>= 75	.1	.6	1.0	.8	.6	.5	.4	.2	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	5376	5376	3381	1262
>= 73	.1	.8	1.0	.8	.6	.5	.3	.2	.1	.0*	.0*	.0*	.0*	.0	.0	.0	.0	5637	5637	4952	3034
>= 71	.2	.9	.9	.8	.6	.4	.3	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	5339	5339	5816	4472
>= 69	.2	.7	.9	.8	.6	.4	.3	.2	.1	.0*	.0*	.0*	.0	.0	.0	.0	.0	5043	5043	5881	5230
>= 67	.1	.6	.9	.7	.5	.4	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4653	4653	5394	5061
>= 65	.2	.7	.9	.7	.5	.4	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4619	4619	5546	4671
>= 63	.2	.8	.7	.6	.4	.3	.2	.1	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	4301	4301	5408	4848
>= 61	.2	.8	.7	.7	.4	.4	.2	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	4367	4367	5190	4956
>= 59	.3	.8	.7	.6	.5	.3	.2	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	4428	4428	4983	5038
>= 57	.2	.7	.7	.6	.5	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4129	4129	4652	4840
>= 55	.2	.6	.7	.5	.4	.4	.2	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3895	3895	4425	4305
>= 53	.2	.7	.7	.6	.5	.4	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3969	3969	4073	4245
>= 51	.2	.7	.7	.6	.5	.3	.1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	3861	3861	4135	3972
>= 49	.2	.7	.7	.7	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4098	4098	4261	3937
>= 47	.2	.7	.7	.7	.6	.3	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	3996	3996	4334	3853
>= 45	.2	.8	.8	.8	.5	.2	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	4062	4062	4407	3820
>= 43	.3	.8	.8	.8	.5	.2	.0*	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	4017	4017	4509	3749
>= 41	.3	.8	.9	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4164	4164	4559	3949
>= 39	.3	.8	.9	.8	.4	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4025	4025	4706	3783
>= 37	.3	.8	.9	.8	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3785	3785	4433	3869
>= 35	.2	.7	1.0	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3460	3460	4359	3984
>= 33	.2	.8	.8	.6	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3065	3065	3919	4095
>= 31	.1	.7	.7	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2515	2515	3806	3858
>= 29	.1	.6	.7	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2148	2148	3054	3800
>= 27	.1	.5	.6	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1654	1654	2577	3465
>= 25	.1	.3	.5	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1236	1236	2046	3256
>= 23	.0*	.3	.4	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	935	935	1537	2840
>= 21	.0*	.2	.3	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	641	641	1189	2446
>= 19	.0*	.2	.2	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	475	475	870	1981
>= 17	.0*	.1	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	316	316	567	1839
>= 15	.0*	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	214	214	400	1552
>= 13	.0*	.1	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	142	142	226	1336
>= 11	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	67	67	160	1084
>= 9	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	50	50	78	848
>= 7	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	28	28	43	703
>= 5	.0*	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16	16	30	536
>= 3	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	15	378

DRY-BULB TEMP. (DEG F)	% FREQ. WET BULB TEMPERATURE DEPRESSION (DEG F)																	TOTAL D.B./ W.B.	TOTAL OBS DRY BULB	TOTAL OBS WET BULB	TOTAL OBS DEW PT.
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 30				
>= 1	.0	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2	2	1	293
>= -1	.0*	.0*	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3	3	8	188
>= -3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	129
>= -5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	88
>= -7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	61
>= -9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	42
>=-11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	14
>=-13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	10
>=-15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	8
>=-17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	7
>=-19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	6
>=-21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	0	0	0	2
>=-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	1
TOTAL	5.2	19.7	23.0	18.6	12.9	8.6	5.5	3.3	1.7	.8	.4	.1	.0*	.0*	.0*	.0	.0*	122093	122188	122097	122115

ELEMENT(X)	SUM X	SUM X**2	MEAN	STD DEV	# OBS
28 - REL HUM	8462641.	625922163.	69.3	17.956	122096
15 - DRY BULB	6996633.	437020295.	57.3	17.256	122188
16 - WET BULB	6320395.	357644357.	51.8	15.797	122097
17 - DEW PT.	5666349.	303266425.	46.4	18.175	122115

40 - MEAN NO. OF HOURS WITH TEMP.

	<=0 F	<=32 F	>=67 F	>=73 F	>=80 F	>=93 F	TOTAL
28 - REL HUM							
15 - DRY BULB	.6	750.2	3114.9	2035.9	794.1	21.5	8760
16 - WET BULB	10.3	1201.2	1979.6	753.3	20.7	.0	8760
17 - DEW PT.	39.9	2207.4	1393.8	334.8	1.6	.0	8760

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JAN
PAGE 1

TEMP. (DEG F)	NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
					WIND DIRECTION						
>= 77	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.0*
>= 72	.0	.0	.0	.0	25.0	58.3	16.7	.0	.0	12	.1
>= 67	.0	.0	.0	.0	9.5	66.7	16.7	4.8	2.4	42	.4
>= 62	1.8	.0	.0	.0	9.1	60.9	21.8	6.4	.0	110	1.1
>= 57	3.1	1.3	.9	2.7	21.1	45.7	17.0	5.8	2.2	223	2.2
>= 52	5.4	2.9	1.2	5.6	15.2	38.4	16.9	11.5	2.9	409	4.0
>= 47	9.6	6.3	3.7	8.1	14.5	24.8	16.1	10.8	6.1	669	6.6
>= 42	15.3	8.2	5.5	9.6	12.1	14.6	10.6	16.0	8.2	1263	12.4
>= 37	16.4	10.4	4.0	8.4	11.0	9.3	10.2	20.7	9.5	1928	19.0
>= 32	18.2	10.5	4.9	5.7	9.0	8.5	8.5	23.3	11.6	2189	21.5
>= 27	25.1	7.5	5.7	2.2	6.8	6.0	7.9	25.3	13.4	1525	15.0
>= 22	30.4	10.4	3.1	1.8	5.2	5.7	6.9	26.2	10.3	995	9.8
>= 17	28.4	9.1	4.8	.6	6.0	5.0	12.4	24.8	8.9	483	4.8
>= 12	39.2	5.1	2.8	.0	1.4	6.0	13.8	23.0	8.8	217	2.1
>= 7	27.7	1.5	1.5	.0	3.1	3.1	21.5	35.4	6.2	65	.6
>= 2	11.8	.0	.0	.0	.0	.0	47.1	35.3	5.9	17	.2
>= -3	9.1	.0	.0	.0	.0	.0	27.3	54.5	9.1	11	.1
TOTALS	19.0	8.5	4.3	5.4	9.6	12.4	10.5	20.7	9.6	10159	100.0

NOTES :
* = PERCENT < .05

% = PERCENTAGE FREQUENCY OF AIR TEMPERATURE VERSUS WIND DIRECTION (FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : FEB

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 77	.0	.0	.0	.0	.0	40.0	60.0	.0	.0	5	.1
>= 72	.0	.0	.0	.0	4.8	61.9	33.3	.0	.0	21	.2
>= 67	.0	.0	.0	2.2	2.2	57.8	31.1	6.7	.0	45	.5
>= 62	3.9	1.0	1.0	3.9	7.8	51.0	29.4	2.0	.0	102	1.1
>= 57	3.9	1.3	.9	5.2	12.4	43.3	20.6	10.7	1.7	233	2.5
>= 52	5.9	3.6	2.9	9.0	18.1	32.5	15.2	10.0	2.9	421	4.5
>= 47	10.5	6.7	4.6	13.8	15.5	16.5	11.1	16.8	4.6	746	8.1
>= 42	13.7	8.0	7.5	14.9	14.0	9.8	8.0	17.5	6.5	1346	14.5
>= 37	16.5	10.8	7.1	11.0	10.9	7.9	6.5	20.7	8.7	1794	19.4
>= 32	19.8	12.1	7.5	7.8	8.6	4.9	6.7	21.9	10.7	2015	21.8
>= 27	25.2	12.5	4.6	4.2	6.1	4.1	6.9	24.7	11.7	1316	14.2
>= 22	29.1	8.2	4.8	2.4	3.5	3.4	8.3	28.6	11.7	735	7.9
>= 17	32.9	12.7	3.1	2.2	2.5	2.2	8.1	27.0	9.3	322	3.5
>= 12	29.3	5.3	1.5	.0	.0	5.3	12.8	39.8	6.0	133	1.4
>= 7	29.2	20.8	.0	.0	.0	4.2	4.2	33.3	8.3	24	.3
>= 2	.0	100.0	.0	.0	.0	.0	.0	.0	.0	1	.0*
TOTALS	18.3	9.6	5.8	8.6	9.7	9.9	8.7	20.8	8.5	9259	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAR
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 82	.0	.0	.0	.0	6.7	46.7	40.0	6.7	.0	15	.1
>= 77	.0	.0	2.9	.0	.0	71.4	25.7	.0	.0	35	.3
>= 72	1.1	4.4	.0	8.8	15.4	47.3	20.9	2.2	.0	91	.9
>= 67	1.2	1.2	1.8	7.6	12.9	47.6	21.2	5.3	1.2	170	1.6
>= 62	4.9	4.4	2.9	7.6	18.0	32.9	19.0	9.3	1.0	410	3.9
>= 57	6.5	5.6	3.1	12.8	21.5	25.3	14.5	8.0	2.8	648	6.2
>= 52	8.9	8.5	4.4	17.1	20.6	13.6	9.5	13.5	4.0	1100	10.6
>= 47	13.3	9.5	7.1	15.8	16.8	8.6	6.4	15.7	6.8	1650	15.8
>= 42	17.0	11.9	8.4	12.7	12.2	5.9	5.6	18.8	7.6	2305	22.1
>= 37	18.7	12.5	9.0	7.6	8.3	3.9	7.5	22.8	9.6	1958	18.8
>= 32	23.8	9.4	6.1	3.2	6.0	4.3	8.0	28.9	10.3	1242	11.9
>= 27	29.2	7.0	6.5	2.1	3.0	5.8	7.5	27.5	11.4	571	5.5
>= 22	28.9	6.0	5.4	.6	1.2	4.2	8.4	39.2	6.0	166	1.6
>= 17	30.4	15.2	6.5	.0	.0	.0	.0	47.8	.0	46	.4
>= 12	100.0	.0	.0	.0	.0	.0	.0	.0	.0	6	.1
TOTALS	16.1	9.6	6.7	10.3	12.4	10.1	8.5	19.1	7.2	10413	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : APR
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 87	.0	.0	.0	21.4	.0	28.6	35.7	14.3	.0	14	.1
>= 82	2.5	1.2	.0	10.0	5.0	36.2	31.3	13.7	.0	80	.8
>= 77	.6	3.1	.6	9.3	13.0	39.8	23.0	9.9	.6	161	1.6
>= 72	4.8	4.5	1.8	12.3	13.8	36.5	19.8	5.1	1.5	334	3.3
>= 67	5.3	6.9	3.7	15.2	16.4	27.3	13.5	8.8	2.9	623	6.2
>= 62	6.6	7.1	4.6	15.2	20.2	22.6	11.1	8.9	3.7	1128	11.2
>= 57	10.0	9.3	5.4	18.6	18.9	12.2	7.9	11.9	5.8	1786	17.7
>= 52	12.8	11.7	6.7	15.3	16.8	7.2	5.7	15.6	8.1	2211	21.9
>= 47	15.2	9.2	8.6	12.2	12.1	6.4	7.9	19.3	9.0	1970	19.6
>= 42	16.5	11.0	8.5	6.1	10.4	5.8	9.7	23.2	8.9	1173	11.6
>= 37	21.5	8.6	4.5	1.7	4.1	7.1	13.1	27.9	11.6	466	4.6
>= 32	22.8	8.8	.0	.9	1.8	6.1	4.4	41.2	14.0	114	1.1
>= 27	21.4	7.1	.0	.0	.0	7.1	.0	57.1	7.1	14	.1
TOTALS	12.0	9.2	6.1	13.2	14.8	12.5	9.4	15.8	7.0	10074	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : MAY
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 92	.0	.0	.0	.0	8.3	50.0	16.7	25.0	.0	12	.1
>= 87	8.5	.0	1.7	3.4	8.5	27.1	39.0	11.9	.0	59	.6
>= 82	5.8	3.3	1.7	7.9	16.2	34.4	17.0	12.0	1.7	241	2.3
>= 77	5.8	6.5	2.4	18.3	18.1	21.8	14.5	11.1	1.5	586	5.6
>= 72	6.0	7.8	3.4	16.7	21.3	21.7	10.5	8.9	3.5	1225	11.8
>= 67	7.5	8.3	4.2	15.3	22.6	17.6	8.8	9.1	6.4	1957	18.8
>= 62	10.6	10.9	8.1	15.2	18.9	10.8	7.6	10.2	7.7	2466	23.7
>= 57	12.7	13.2	8.7	12.9	14.8	9.7	5.8	12.4	9.8	2046	19.6
>= 52	16.8	14.7	10.0	8.0	8.5	7.4	7.2	17.0	10.4	1198	11.5
>= 47	18.0	13.9	7.9	3.3	4.8	6.4	12.5	19.7	13.5	518	5.0
>= 42	27.7	4.0	3.0	.0	2.0	5.9	14.9	26.7	15.8	101	1.0
>= 37	100.0	.0	.0	.0	.0	.0	.0	.0	.0	6	.1
TOTALS	10.8	10.5	6.6	13.3	16.8	13.8	8.9	11.8	7.5	10415	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	.0	.0	.0	.0	.0	.0	40.0	60.0	.0	5	.0*
>= 92	8.7	4.3	1.1	8.7	7.6	25.0	35.9	8.7	.0	92	.9
>= 87	6.6	4.7	1.9	13.3	13.8	24.3	20.4	12.4	2.5	362	3.6
>= 82	5.4	6.9	2.6	16.6	19.9	18.0	17.8	8.5	4.3	931	9.2
>= 77	6.3	6.6	3.7	18.1	24.0	17.6	11.0	8.7	4.1	1801	17.9
>= 72	8.2	7.5	4.7	12.3	20.9	20.6	9.6	8.8	7.5	2646	26.3
>= 67	9.4	8.1	6.8	10.3	18.5	15.9	8.8	12.3	10.1	2204	21.9
>= 62	12.1	13.1	11.0	7.5	13.6	10.8	6.8	12.5	12.6	1369	13.6
>= 57	16.9	13.9	8.4	3.7	6.4	5.9	12.7	18.0	14.1	561	5.6
>= 52	16.7	18.8	9.4	1.0	2.1	6.3	12.5	16.7	16.7	96	1.0
>= 47	16.7	.0	.0	.0	.0	.0	16.7	16.7	50.0	6	.1
TOTALS	8.9	8.5	5.7	12.1	18.4	16.6	10.9	10.8	8.1	10073	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : JUL
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	4.5	.0	.0	4.5	13.6	13.6	36.4	27.3	.0	22	.2
>= 92	4.9	6.0	3.8	13.2	7.7	17.6	30.2	13.2	3.3	182	1.7
>= 87	6.7	7.0	4.4	16.1	16.8	19.8	14.9	11.1	3.3	758	7.3
>= 82	7.7	7.4	3.8	17.8	21.9	16.5	10.8	8.9	5.2	1780	17.1
>= 77	7.5	7.0	4.5	11.7	20.0	21.8	10.6	9.4	7.6	2862	27.5
>= 72	7.6	7.3	6.5	7.5	16.9	20.6	11.7	10.0	11.9	3128	30.0
>= 67	11.0	10.9	8.2	4.9	12.1	15.4	9.5	13.1	14.9	1335	12.8
>= 62	12.7	9.2	8.9	2.5	6.3	9.5	10.1	19.9	20.9	316	3.0
>= 57	10.7	3.6	.0	.0	3.6	7.1	21.4	25.0	28.6	28	.3
>= 52	.0	.0	.0	.0	.0	100.0	.0	.0	.0	1	.0*
TOTALS	8.1	7.7	5.6	10.6	17.4	19.1	11.5	10.5	9.5	10412	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : AUG
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>=102	.0	.0	.0	.0	.0	.0	50.0	50.0	.0	2	.0*
>= 97	.0	.0	.0	.0	16.7	16.7	66.7	.0	.0	6	.1
>= 92	7.6	4.2	.8	8.4	11.8	24.4	21.0	16.8	5.0	119	1.1
>= 87	6.2	6.3	4.5	17.5	14.4	18.8	16.1	12.3	3.9	584	5.6
>= 82	7.7	9.7	5.4	19.7	19.9	14.5	9.6	8.7	4.8	1514	14.6
>= 77	8.1	9.1	6.2	13.4	20.4	18.5	9.4	8.1	6.9	2615	25.1
>= 72	9.4	10.4	8.6	7.0	15.5	17.4	10.0	10.6	11.2	3413	32.8
>= 67	13.0	13.0	13.2	2.5	10.6	12.3	8.3	13.2	13.9	1585	15.2
>= 62	14.2	15.9	9.7	1.1	7.0	9.7	10.0	16.5	15.9	472	4.5
>= 57	22.2	6.2	1.2	1.2	4.9	7.4	6.2	27.2	23.5	81	.8
>= 52	14.3	.0	14.3	14.3	14.3	.0	.0	28.6	14.3	7	.1
TOTALS	9.5	10.3	7.9	10.1	16.0	16.2	10.0	10.7	9.4	10398	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : SEP
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 97	.0	.0	.0	.0	.0	.0	.0	100.0	.0	1	.0*
>= 92	12.0	4.0	4.0	12.0	8.0	16.0	12.0	16.0	16.0	25	.2
>= 87	7.4	5.1	1.1	16.6	18.9	22.3	20.0	6.9	1.7	175	1.7
>= 82	7.0	5.4	3.7	19.5	23.9	18.3	12.3	6.0	3.9	616	6.1
>= 77	7.7	9.1	4.8	19.4	22.3	17.0	8.5	7.1	4.1	1367	13.6
>= 72	8.9	10.6	9.2	12.5	17.4	17.9	8.0	8.0	7.5	2424	24.1
>= 67	12.3	15.5	12.1	8.6	12.1	11.5	7.9	9.8	10.2	2322	23.1
>= 62	15.6	20.2	14.6	3.0	7.1	8.1	7.3	12.3	11.8	1775	17.6
>= 57	16.9	24.7	7.0	2.2	4.6	8.1	7.1	14.7	14.5	1011	10.0
>= 52	20.3	21.0	3.4	.0	1.4	5.9	11.7	16.2	20.0	290	2.9
>= 47	12.7	31.7	3.2	.0	.0	.0	15.9	12.7	23.8	63	.6
>= 42	.0	50.0	.0	.0	.0	.0	50.0	.0	.0	2	.0*
TOTALS	11.7	14.6	9.3	9.9	13.6	13.2	8.5	9.9	9.3	10071	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : OCT

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 92	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
>= 87	14.3	.0	.0	7.1	.0	35.7	35.7	7.1	.0	14	.1
>= 82	.5	.0	.0	7.6	12.1	53.0	13.6	7.6	1.5	66	.6
>= 77	.8	3.7	3.7	13.2	14.2	26.5	16.4	7.3	7.3	219	2.1
>= 72	.3	4.8	4.2	16.8	23.5	17.9	10.9	7.0	6.6	625	6.0
>= 67	11.0	10.1	8.1	14.9	16.7	16.6	7.6	7.4	7.6	1403	13.5
>= 62	11.9	13.9	8.8	9.2	14.9	11.3	8.3	10.1	11.6	2216	21.3
>= 57	16.7	16.8	9.0	5.8	9.5	9.5	6.6	14.8	11.2	2279	21.9
>= 52	18.4	17.4	8.1	3.1	6.4	9.8	7.0	18.9	10.9	1855	17.8
>= 47	17.6	9.4	8.7	1.1	5.3	8.0	12.1	22.6	15.2	1097	10.5
>= 42	18.5	5.9	5.5	.0	1.3	10.6	16.1	23.8	18.3	454	4.4
>= 37	23.7	5.3	1.3	.0	2.0	11.2	22.4	15.8	18.4	152	1.5
>= 32	22.2	7.4	3.7	.0	14.8	11.1	.0	22.2	18.5	27	.3
>= 27	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
TOTALS	14.7	12.8	7.9	7.3	11.1	12.0	8.9	14.1	11.2	10409	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : NOV
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 82	.0	.0	.0	.0	.0	66.7	.0	33.3	.0	3	.0*
>= 77	.0	.0	.0	2.9	14.7	41.2	26.5	11.8	2.9	34	.3
>= 72	1.3	1.3	1.3	6.3	25.3	31.6	25.3	6.3	1.3	79	.8
>= 67	2.0	3.0	2.7	7.4	28.8	33.4	15.7	6.7	.3	299	3.0
>= 62	4.8	5.6	5.9	15.9	23.3	22.5	11.7	7.0	3.3	729	7.2
>= 57	9.5	6.5	7.3	14.4	17.2	17.6	8.5	11.0	8.0	1322	13.1
>= 52	14.1	7.7	5.8	12.7	13.8	12.4	10.4	14.6	8.3	1647	16.4
>= 47	19.4	10.2	5.9	6.4	10.9	10.0	9.1	17.8	10.3	2010	20.0
>= 42	20.9	12.3	4.5	2.5	5.1	8.0	12.0	23.4	11.2	1849	18.4
>= 37	21.4	8.6	5.0	1.7	3.9	8.3	12.2	27.8	10.9	1272	12.6
>= 32	24.1	4.6	4.3	.2	2.6	9.9	13.3	28.0	13.0	585	5.8
>= 27	21.4	1.6	1.6	.0	1.6	13.0	21.4	23.4	16.1	192	1.9
>= 22	51.2	.0	.0	.0	.0	4.7	11.6	14.0	18.6	43	.4
>= 17	33.3	.0	.0	.0	.0	50.0	.0	16.7	.0	6	.1
>= 12	.0	.0	.0	.0	.0	.0	100.0	.0	.0	1	.0*
TOTALS	16.4	8.3	5.3	7.4	11.1	12.7	11.2	18.2	9.3	10071	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH : DEC
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE &NE	ENE & E	ESE &SE	SSE & S	SSW &SW	WSW & W	WNW &NW	CALM	TOTAL FREQ.	% OF TOTAL
>= 72	.0	.0	.0	.0	.0	62.5	31.3	6.3	.0	16	.2
>= 67	1.6	.0	.0	.0	7.9	63.5	20.6	4.8	1.6	63	.6
>= 62	1.7	1.1	1.1	.6	21.5	42.5	26.0	3.3	2.2	181	1.7
>= 57	2.6	3.7	.9	5.4	22.9	38.4	19.8	4.0	2.3	349	3.4
>= 52	9.4	4.0	3.4	8.1	19.8	26.6	13.6	9.9	5.1	668	6.4
>= 47	10.5	8.1	5.6	12.7	15.4	15.4	12.3	12.2	7.8	1179	11.4
>= 42	16.9	9.3	6.9	8.0	9.1	11.8	10.3	16.5	11.0	1851	17.8
>= 37	20.0	11.2	6.0	5.9	7.7	9.8	9.3	20.7	9.4	2142	20.6
>= 32	20.3	8.5	5.5	3.2	7.3	9.9	10.3	23.5	11.4	1848	17.8
>= 27	24.2	7.6	4.7	2.6	5.1	7.8	10.0	24.8	13.2	1224	11.8
>= 22	23.3	7.0	4.2	.6	2.6	7.5	12.6	30.5	11.7	617	5.9
>= 17	32.0	4.1	3.6	.0	1.5	5.7	10.8	29.4	12.9	194	1.9
>= 12	38.1	2.4	2.4	.0	.0	2.4	9.5	38.1	7.1	42	.4
>= 7	.0	.0	.0	.0	.0	.0	23.1	69.2	7.7	13	.1
TOTALS	17.7	8.2	5.2	5.7	9.5	13.3	11.4	19.2	9.8	10387	100.0

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ANN
PAGE 1

TEMP. (DEG F)	WIND DIRECTION NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
>=102	.0	.0	.0	.0	.0	.0	50.0	50.0	.0	2	.0*
>= 97	2.9	.0	.0	2.9	11.8	11.8	41.2	29.4	.0	34	.0*
>= 92	6.7	4.9	2.3	10.4	8.8	21.8	27.6	13.7	3.7	431	.4
>= 87	6.7	5.9	3.5	15.6	15.2	21.0	17.8	11.3	3.1	1966	1.6
>= 82	7.0	7.3	3.8	17.6	20.5	18.1	12.6	8.6	4.5	5246	4.3
>= 77	7.2	7.5	4.6	14.7	20.7	20.1	10.8	8.6	5.7	9686	7.9
>= 72	8.1	8.4	6.6	10.5	18.0	20.1	10.5	9.1	8.7	14014	11.5
>= 67	9.9	10.4	8.1	9.7	15.9	16.9	9.2	10.4	9.4	12048	9.9
>= 62	10.8	12.1	8.8	9.5	15.0	14.5	9.4	10.7	9.3	11274	9.2
>= 57	12.3	12.3	6.8	10.2	13.9	14.1	8.8	12.6	9.0	10567	8.7
>= 52	13.6	11.2	6.3	10.2	13.4	12.9	9.0	15.2	8.3	9903	8.1
>= 47	14.8	9.4	6.7	9.7	12.2	10.7	10.0	17.1	9.3	9908	8.1
>= 42	17.2	10.1	6.8	8.5	9.8	9.1	9.5	19.5	9.5	10344	8.5
>= 37	18.8	10.7	6.2	6.8	8.3	7.8	9.4	22.3	9.8	9718	8.0
>= 32	20.5	9.8	5.7	4.8	7.5	7.3	8.7	24.5	11.3	8020	6.6
>= 27	25.2	8.6	5.1	2.7	5.5	6.2	8.7	25.3	12.7	4843	4.0
>= 22	28.6	8.5	4.0	1.6	3.8	5.4	8.9	28.6	10.9	2556	2.1
>= 17	30.5	9.5	4.1	1.0	3.8	4.3	10.2	27.3	9.3	1051	.9
>= 12	36.6	4.8	2.3	.0	.8	5.3	13.0	29.8	7.5	399	.3
>= 7	24.5	5.9	1.0	.0	2.0	2.9	17.6	39.2	6.9	102	.1
>= 2	11.1	5.6	.0	.0	.0	.0	44.4	33.3	5.6	18	.0*
>= -3	9.1	.0	.0	.0	.0	.0	27.3	54.5	9.1	11	.0*
TOTALS	13.6	9.8	6.4	9.5	13.4	13.5	9.9	15.1	8.9	122141	100.0

NOTES :
* = PERCENT < .05

11 - SKY COVER

013721 PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
JAN	01	31.7	15.2	10.9	42.3	1178
	04	30.4	15.8	10.9	43.0	1178
	07	13.6	26.0	19.0	41.4	1178
	10	14.5	19.9	22.2	43.4	1178
	13	14.3	21.6	22.6	41.5	1178
	16	13.8	22.6	22.8	40.7	1178
	19	23.9	20.0	15.9	40.2	1178
	22	28.9	17.5	14.0	39.6	1178
	ALL	21.4	19.8	17.3	41.5	9424
FEB	01	32.8	13.8	11.9	41.5	1073
	04	30.3	14.6	14.4	40.6	1073
	07	13.2	26.2	20.8	39.8	1073
	10	16.3	21.3	22.4	40.0	1073
	13	12.6	24.9	22.1	40.4	1073
	16	14.3	22.8	22.3	40.6	1073
	19	22.0	24.0	15.6	38.4	1072
	22	31.7	16.2	12.1	39.9	1072
	ALL	21.6	20.5	17.7	40.2	8582
MAR	01	32.2	16.6	11.1	40.1	1178
	04	29.9	17.2	13.2	39.7	1178
	07	17.5	20.5	22.2	39.7	1178
	10	15.2	21.1	23.0	40.7	1178
	13	12.1	20.7	25.3	41.9	1178
	16	13.3	23.1	23.1	40.5	1178
	19	18.2	25.6	17.7	38.6	1178
	22	30.7	16.9	12.4	40.0	1178
	ALL	21.1	20.2	18.5	40.2	9424
APR	01	32.0	16.7	15.5	35.8	1140
	04	29.4	20.5	15.3	34.8	1140
	07	18.8	20.8	23.3	37.1	1140
	10	15.9	23.2	25.6	35.3	1139
	13	10.6	23.1	30.0	36.3	1140
	16	11.9	22.5	28.5	37.0	1140
	19	11.2	29.3	26.8	32.6	1140
	22	26.2	22.5	17.8	33.4	1140
	ALL	19.5	22.3	22.9	35.3	9119

11 - SKY COVER

013721 PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
MAY	01	24.9	22.5	17.0	35.7	1178
	04	18.2	26.2	20.4	35.2	1178
	07	15.1	23.3	25.2	36.4	1178
	10	11.5	26.5	27.8	34.2	1178
	13	7.7	26.8	32.3	33.2	1178
	16	8.8	28.0	30.6	32.5	1178
	19	9.6	24.8	31.2	34.4	1179
	22	20.3	24.8	19.9	35.1	1178
	ALL	14.5	25.4	25.5	34.6	9425
JUN	01	26.1	25.3	20.1	28.5	1140
	04	14.2	33.6	26.1	26.1	1140
	07	13.3	28.4	28.9	29.3	1140
	10	11.3	28.8	31.8	28.1	1140
	13	5.2	32.7	33.3	28.8	1140
	16	5.8	32.6	34.9	26.7	1140
	19	8.2	28.8	33.5	29.6	1140
	22	18.2	30.7	23.2	28.0	1140
	ALL	12.8	30.1	29.0	28.1	9120
JUL	01	22.5	29.3	22.9	25.3	1177
	04	14.7	35.5	24.3	25.6	1178
	07	11.5	28.4	32.7	27.4	1178
	10	10.0	30.0	33.1	26.9	1178
	13	2.8	33.8	40.6	22.8	1178
	16	4.3	32.9	41.0	21.7	1178
	19	6.7	28.5	36.6	28.2	1178
	22	15.3	31.3	25.3	28.1	1178
	ALL	11.0	31.2	32.0	25.8	9423
AUG	01	24.8	25.5	25.0	24.8	1178
	04	20.9	31.9	23.9	23.3	1178
	07	13.2	30.9	30.8	25.1	1178
	10	11.8	30.6	34.1	23.4	1178
	13	5.4	34.1	38.6	21.8	1178
	16	8.3	35.0	34.6	22.1	1178
	19	9.3	32.1	32.3	26.3	1178
	22	20.1	28.7	25.0	26.2	1178
	ALL	14.2	31.1	30.5	24.1	9424

11 - SKY COVER

013721 PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
SEP	01	31.1	25.0	16.8	27.2	1140
	04	31.1	25.6	18.5	24.8	1140
	07	14.8	30.1	28.9	26.2	1140
	10	15.6	30.2	27.7	26.5	1140
	13	10.2	35.5	27.5	26.8	1140
	16	12.5	33.7	28.9	24.9	1140
	19	16.3	32.4	25.4	26.0	1140
	22	28.2	25.4	19.6	26.9	1139
	ALL	20.0	29.7	24.1	26.2	9119
OCT	01	39.4	19.4	12.2	29.0	1178
	04	37.9	18.4	12.5	31.2	1178
	07	19.4	26.7	24.2	29.7	1178
	10	19.8	27.1	25.1	28.0	1178
	13	16.7	27.8	26.7	28.8	1178
	16	18.9	26.2	27.4	27.4	1177
	19	25.1	26.1	19.8	28.9	1178
	22	34.7	22.0	14.8	28.5	1178
	ALL	26.5	24.2	20.3	29.0	9423
NOV	01	35.1	19.1	13.4	32.3	1139
	04	34.6	20.0	13.7	31.7	1139
	07	13.8	31.1	24.9	30.2	1139
	10	16.0	25.9	24.6	33.5	1139
	13	12.7	25.9	29.2	32.1	1139
	16	13.7	27.4	26.3	32.6	1139
	19	24.6	23.7	17.8	33.9	1139
	22	29.6	21.1	16.2	33.2	1139
	ALL	22.5	24.3	20.8	32.4	9112
DEC	01	33.9	17.2	13.4	35.5	1173
	04	29.8	19.7	13.5	37.0	1173
	07	12.3	28.6	23.0	36.2	1175
	10	15.1	22.8	23.7	38.4	1176
	13	12.4	25.7	23.3	38.6	1176
	16	15.1	23.0	23.8	38.1	1176
	19	22.9	22.8	16.1	38.1	1173
	22	29.2	18.0	14.6	38.2	1173
	ALL	21.3	22.2	18.9	37.5	9395

11 - SKY COVER

013721 PATUXENT RIVER, MD
LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH	HOURS (LST)	PRECENTAGE FREQUENCY OF TOTAL SKY COVER (FROM HOURLY OBSERVATIONS) CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL
ANN	01	30.5	20.5	15.9	33.1	13872
	04	26.7	23.3	17.2	32.7	13873
	07	14.7	26.7	25.4	33.2	13875
	10	14.4	25.6	26.8	33.2	13875
	13	10.2	27.7	29.3	32.7	13876
	16	11.7	27.5	28.7	32.0	13875
	19	16.5	26.5	24.1	32.9	13873
	22	26.1	23.0	17.9	33.1	13871
	ALL	18.9	25.1	23.2	32.9	110950

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
JAN	01	100.0	100.0	99.6	97.8	88.3	73.8	53.7	35.4	16.8	72.3	1269
	04	100.0	99.9	99.8	98.4	90.1	74.9	56.9	37.9	18.7	73.5	1269
	07	100.0	100.0	99.7	98.3	91.2	76.5	58.5	39.5	18.8	74.1	1266
	10	100.0	100.0	99.1	93.9	78.9	59.5	41.8	28.4	14.6	67.3	1270
	13	100.0	99.6	96.1	83.4	64.6	45.2	32.1	19.9	9.4	60.7	1271
	16	100.0	99.5	95.4	83.6	65.5	49.4	35.5	21.6	10.1	61.8	1271
	19	100.0	99.9	99.2	94.0	81.8	64.0	46.1	28.5	13.5	68.4	1270
	22	100.0	100.0	99.4	96.4	85.7	70.1	50.8	31.3	15.1	70.5	1270
	ALL	100.0	99.9	98.5	93.2	80.8	64.2	46.9	30.3	14.6	68.6	10156
FEB	01	100.0	100.0	99.3	96.5	87.3	71.6	54.0	35.5	15.8	71.7	1155
	04	100.0	100.0	99.6	97.5	89.1	75.2	56.3	37.0	16.6	72.8	1155
	07	100.0	100.0	99.6	97.7	90.6	76.9	57.5	39.2	16.8	73.5	1155
	10	100.0	99.8	98.0	90.2	73.7	53.2	37.6	25.0	11.9	64.4	1156
	13	100.0	98.8	92.0	77.5	58.1	41.2	28.2	18.3	9.2	58.1	1156
	16	100.0	98.5	91.9	78.7	60.8	44.3	30.4	20.1	9.8	59.1	1157
	19	100.0	99.8	97.7	91.2	78.2	62.0	44.1	25.9	11.3	66.6	1153
	22	100.0	99.9	99.0	94.4	84.6	69.6	52.0	32.3	12.6	70.0	1153
	ALL	100.0	99.6	97.1	90.4	77.8	61.7	45.0	29.2	13.0	67.0	9240
MAR	01	100.0	99.9	99.5	96.2	85.7	68.6	52.6	32.4	17.5	70.9	1301
	04	100.0	100.0	99.8	97.6	87.8	72.0	54.1	36.4	19.3	72.5	1302
	07	100.0	100.0	99.8	97.9	89.8	73.7	54.2	39.1	19.7	73.3	1302
	10	100.0	99.9	97.0	84.7	63.9	47.2	31.6	22.1	10.8	61.5	1302
	13	100.0	99.0	90.2	73.0	52.5	37.0	26.6	17.7	8.3	56.0	1302
	16	100.0	98.3	88.4	72.3	53.3	38.8	26.8	17.5	8.5	56.0	1302
	19	100.0	99.7	97.5	87.1	70.2	54.1	37.6	23.1	11.5	63.8	1302
	22	100.0	100.0	99.1	93.4	80.6	64.2	47.9	30.6	14.2	68.8	1302
	ALL	100.0	99.6	96.4	87.8	73.0	56.9	41.4	27.4	13.7	65.4	10415
APR	01	100.0	99.9	99.6	96.5	87.3	72.5	53.9	32.9	15.9	71.6	1260
	04	100.0	100.0	99.9	98.0	90.4	78.2	59.3	38.7	19.0	74.2	1260
	07	100.0	100.0	99.8	98.1	89.9	73.9	55.8	35.4	17.5	73.0	1260
	10	100.0	99.9	95.5	80.9	60.9	42.6	27.6	17.2	7.9	59.0	1259
	13	100.0	99.2	88.8	71.5	49.4	34.4	22.1	13.7	6.3	54.1	1260
	16	100.0	98.5	88.5	70.4	49.8	34.4	23.6	13.4	5.3	53.9	1260
	19	100.0	99.8	96.1	86.8	68.3	51.6	35.1	20.1	7.3	62.2	1258
	22	100.0	99.9	98.9	94.4	81.2	64.6	46.9	27.9	11.1	68.2	1257
	ALL	100.0	99.7	95.9	87.1	72.2	56.5	40.5	24.9	11.3	64.5	10074

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
MAY	01	100.0	100.0	99.8	98.9	95.2	85.2	68.3	45.8	20.7	77.3	1302
	04	100.0	100.0	100.0	99.1	96.3	87.7	73.6	53.0	23.7	79.2	1301
	07	100.0	100.0	100.0	98.7	94.2	83.2	63.6	40.8	17.0	75.6	1301
	10	100.0	100.0	98.5	91.2	74.6	53.4	32.9	19.1	6.7	63.2	1302
	13	100.0	99.6	95.6	83.5	63.4	42.4	25.1	13.7	4.4	58.3	1302
	16	100.0	99.6	94.3	81.0	62.3	42.4	27.0	15.1	5.1	58.3	1302
	19	100.0	99.9	98.5	94.5	81.0	63.1	43.0	25.9	9.4	67.2	1302
	22	100.0	100.0	99.8	98.5	93.4	81.2	60.9	38.4	13.8	74.5	1301
	ALL	100.0	99.9	98.3	93.2	82.6	67.3	49.3	31.5	12.6	69.2	10413
JUN	01	100.0	100.0	100.0	100.0	98.3	92.9	77.0	52.7	18.3	79.7	1260
	04	100.0	100.0	100.0	99.9	98.9	95.1	83.2	59.7	23.5	81.8	1260
	07	100.0	100.0	100.0	99.9	98.8	91.5	70.8	41.4	11.0	76.9	1260
	10	100.0	100.0	99.9	97.5	85.3	60.1	32.0	12.5	2.9	64.4	1260
	13	100.0	100.0	98.3	89.9	69.0	41.3	20.0	7.9	2.4	58.4	1260
	16	100.0	99.8	98.3	87.9	68.8	43.0	23.7	10.2	3.3	59.0	1260
	19	100.0	100.0	99.8	96.7	85.7	66.0	42.4	20.6	5.2	67.1	1260
	22	100.0	100.0	100.0	99.8	97.2	87.1	66.3	38.7	10.5	75.6	1260
	ALL	100.0	100.0	99.5	96.5	87.8	72.1	51.9	30.5	9.6	70.4	10080
JUL	01	100.0	100.0	100.0	100.0	99.3	94.9	80.3	53.7	19.8	80.3	1301
	04	100.0	100.0	100.0	99.8	99.2	96.6	85.8	62.5	24.2	82.5	1302
	07	100.0	100.0	100.0	99.8	98.8	92.5	76.6	46.7	13.3	78.2	1301
	10	100.0	100.0	100.0	98.6	87.6	64.1	34.3	12.3	2.8	65.6	1302
	13	100.0	100.0	99.5	91.9	71.0	46.2	19.5	7.2	2.5	59.3	1302
	16	100.0	100.0	99.2	89.8	69.9	44.3	22.0	9.9	3.1	59.4	1302
	19	100.0	100.0	99.8	98.2	87.2	68.4	43.6	20.6	6.0	68.0	1299
	22	100.0	100.0	100.0	99.9	98.1	88.6	69.8	40.8	13.5	76.6	1300
	ALL	100.0	100.0	99.8	97.3	88.9	74.4	54.0	31.7	10.7	71.2	10409
AUG	01	100.0	100.0	100.0	99.9	99.5	96.5	84.4	59.8	20.8	81.7	1302
	04	100.0	100.0	100.0	99.8	99.5	97.1	88.4	66.6	26.5	83.6	1302
	07	100.0	100.0	100.0	100.0	99.5	96.0	83.6	55.8	17.4	80.8	1302
	10	100.0	100.0	100.0	99.3	92.1	69.5	38.7	14.9	3.4	67.3	1301
	13	100.0	100.0	99.6	94.9	75.7	46.9	21.7	6.8	2.1	60.3	1302
	16	100.0	100.0	99.7	93.5	75.3	47.4	25.7	9.6	3.1	60.9	1301
	19	100.0	100.0	100.0	99.5	92.7	76.8	52.2	24.7	6.8	70.7	1302
	22	100.0	100.0	100.0	99.8	98.8	93.1	76.3	45.5	13.6	78.2	1302
	ALL	100.0	100.0	99.9	98.4	91.6	77.9	58.9	35.4	11.7	72.9	10414

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
SEP	01	100.0	100.0	100.0	99.9	98.0	92.9	78.0	54.7	20.0	80.1	1255
	04	100.0	100.0	100.0	100.0	99.0	94.8	83.9	64.2	26.0	82.7	1251
	07	100.0	100.0	100.0	99.8	99.2	94.2	82.2	56.9	23.4	81.6	1249
	10	100.0	100.0	99.8	98.0	88.2	65.6	39.6	16.8	5.8	66.8	1256
	13	100.0	100.0	99.2	91.8	70.6	44.7	22.8	10.7	3.6	60.0	1257
	16	100.0	99.9	99.0	91.5	72.3	48.9	26.5	12.7	4.9	61.2	1258
	19	100.0	100.0	99.9	99.2	93.9	79.5	54.8	28.1	8.8	71.8	1256
	22	100.0	100.0	100.0	99.6	97.5	89.1	71.6	45.5	14.0	77.4	1254
	ALL	100.0	100.0	99.8	97.5	89.8	76.2	57.4	36.2	13.3	72.7	10036
OCT	01	100.0	100.0	100.0	99.2	95.8	87.6	72.3	47.7	20.4	78.1	1302
	04	100.0	100.0	100.0	99.3	97.0	90.1	75.8	53.8	26.2	80.2	1301
	07	100.0	100.0	100.0	99.5	97.6	90.8	77.1	54.8	27.1	80.6	1302
	10	100.0	100.0	99.4	95.7	81.3	60.4	39.0	21.9	7.8	66.1	1301
	13	100.0	99.8	97.2	85.7	64.0	41.2	25.6	13.5	4.6	58.7	1301
	16	100.0	99.8	97.2	87.8	68.5	47.2	30.7	16.2	6.1	60.9	1300
	19	100.0	100.0	99.8	98.2	91.5	77.4	54.1	30.2	11.4	71.9	1302
	22	100.0	100.0	99.8	98.5	94.9	84.8	65.2	39.9	14.3	75.6	1302
	ALL	100.0	100.0	99.2	95.5	86.3	72.5	55.0	34.8	14.6	71.5	10411
NOV	01	100.0	100.0	99.9	98.1	92.5	77.8	58.8	36.9	17.9	74.1	1259
	04	100.0	100.0	100.0	99.0	94.4	83.2	64.0	41.7	20.3	76.2	1259
	07	100.0	100.0	100.0	99.6	95.1	85.9	64.6	43.5	21.3	77.0	1257
	10	100.0	100.0	99.8	95.2	78.5	54.1	37.6	22.7	11.1	65.6	1258
	13	100.0	99.8	97.0	81.8	58.8	39.7	25.8	14.9	7.3	58.2	1258
	16	100.0	99.8	97.1	85.0	66.2	47.3	32.1	18.2	7.3	60.9	1259
	19	100.0	99.9	99.7	96.7	84.3	67.4	46.0	28.8	12.8	69.3	1258
	22	100.0	100.0	99.7	97.8	89.0	73.4	53.2	32.4	14.6	71.9	1258
	ALL	100.0	99.9	99.1	94.1	82.3	66.1	47.8	29.9	14.1	69.1	10066
DEC	01	100.0	100.0	99.7	97.5	88.2	72.9	54.6	35.1	16.7	72.3	1297
	04	100.0	100.0	99.8	98.5	90.9	76.2	57.3	38.0	17.5	73.6	1296
	07	100.0	100.0	100.0	98.3	92.9	79.8	60.7	38.1	17.6	74.4	1299
	10	100.0	100.0	99.6	94.8	81.1	59.3	40.5	25.9	13.8	67.3	1299
	13	100.0	99.7	96.5	83.4	64.1	44.1	31.5	19.6	10.8	60.6	1300
	16	100.0	99.6	97.4	84.9	67.1	50.6	36.2	22.8	11.4	62.7	1300
	19	100.0	100.0	99.4	95.3	83.2	66.8	47.8	30.4	14.2	69.5	1295
	22	100.0	100.0	99.5	96.8	86.1	70.7	52.2	32.3	16.0	71.1	1296
	ALL	100.0	99.9	99.0	93.7	81.7	65.0	47.6	30.3	14.7	68.9	10382

12 - RELATIVE HUMIDITY

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
ANN	01	100.0	100.0	99.8	98.4	93.0	82.4	65.8	43.6	18.4	75.9	15263
	04	100.0	100.0	99.9	98.9	94.4	85.2	70.0	49.2	21.8	77.8	15258
	07	100.0	100.0	99.9	99.0	94.8	84.6	67.2	44.3	18.4	76.6	15254
	10	100.0	100.0	98.9	93.4	78.9	57.5	36.1	19.9	8.3	64.9	15266
	13	100.0	99.6	95.9	84.1	63.5	42.1	25.1	13.6	5.9	58.6	15271
	16	100.0	99.5	95.6	83.9	65.0	44.8	28.3	15.6	6.5	59.5	15272
	19	100.0	99.9	99.0	94.8	83.2	66.5	45.6	25.6	9.8	68.1	15257
	22	100.0	100.0	99.6	97.5	90.7	78.1	59.5	36.4	13.6	73.2	15255
	ALL	100.0	99.9	98.6	93.7	82.9	67.6	49.7	31.0	12.8	69.3	122096

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

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

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	01	.0	9.8	.7	3.4	.1	13.1	18.0	6.5	.7	.0	23.9	1225
	04	.0	9.9	.7	4.2	.4	14.7	19.7	6.9	.6	.0	25.9	1227
	07	.0	10.8	.7	3.3	.4	14.9	23.2	10.1	.5	.0	31.4	1229
	10	.0	9.1	.4	4.3	.3	13.7	19.0	14.5	.7	.0	32.5	1231
	13	.0	8.7	.3	4.1	.2	12.9	14.8	13.4	.6	.0	27.5	1230
	16	.0	9.5	.3	4.2	.7	13.9	15.3	13.6	.5	.0	27.5	1231
	19	.0	9.6	1.0	3.0	.2	13.3	15.9	10.2	.7	.0	25.5	1230
	22	.0	9.7	.8	3.3	.5	13.6	16.6	6.1	.6	.0	22.3	1226
	ALL	.0	9.6	.6	3.7	.4	13.8	17.8	10.2	.6	.0	27.1	9829
FEB	01	.0	10.3	.3	2.7	.4	13.2	19.7	7.0	.4	.0	25.9	1140
	04	.1	9.9	.4	3.1	.2	13.1	20.7	6.6	.6	.0	26.5	1138
	07	.0	10.0	.4	2.5	.3	12.9	25.3	11.7	.6	.0	35.4	1141
	10	.1	8.9	.3	3.4	.3	12.2	19.9	14.0	.7	.0	33.3	1143
	13	.1	9.4	.5	3.5	.4	12.9	15.2	13.3	.5	.0	28.6	1142
	16	.4	9.8	.5	3.6	.6	13.3	15.7	14.4	.7	.0	30.1	1141
	19	.3	10.0	.6	3.4	.9	13.9	16.1	11.1	.6	.0	26.9	1140
	22	.1	10.3	.4	3.3	.3	13.7	17.6	7.4	.8	.0	24.9	1139
	ALL	.1	9.8	.4	3.2	.4	13.2	18.8	10.7	.6	.0	29.0	9124
MAR	01	.2	10.6	.2	1.9	.1	12.1	17.1	5.7	.3	.0	22.5	1260
	04	.0	12.8	.0	1.8	.1	14.3	19.2	6.1	.3	.2	24.9	1264
	07	.1	12.6	.2	1.7	.2	14.4	23.7	10.3	.5	.0	32.5	1266
	10	.1	12.9	.1	1.3	.2	14.1	16.3	12.0	.4	.0	28.0	1266
	13	.1	11.4	.2	2.0	.2	13.0	13.5	12.5	.3	.0	25.5	1263
	16	.2	11.2	.1	1.1	.1	12.1	13.3	13.2	.2	.0	25.7	1260
	19	.5	13.0	.1	1.3	.0	14.0	13.9	11.2	.2	.0	24.6	1260
	22	.3	11.8	.1	1.4	.2	13.1	14.9	7.1	.2	.0	21.4	1259
	ALL	.2	12.0	.1	1.6	.1	13.4	16.5	9.8	.3	.0	25.6	10098
APR	01	.3	10.5	.0	.1	.0	10.5	12.1	5.1	.0	.0	16.3	1242
	04	.2	11.2	.1	.2	.1	11.3	16.3	5.0	.0	.1	20.0	1243
	07	.0	11.3	.0	.3	.0	11.6	21.0	11.3	.0	.0	30.1	1244
	10	.1	9.0	.0	.5	.0	9.3	12.5	12.7	.1	.0	24.2	1242
	13	.5	10.5	.0	.1	.0	10.4	9.0	13.6	.0	.0	21.6	1247
	16	1.0	10.0	.0	.1	.1	10.0	8.3	13.6	.0	.0	21.0	1244
	19	1.3	9.9	.0	.0	.0	9.9	8.7	13.1	.0	.0	20.7	1241
	22	.6	10.0	.0	.0	.2	10.1	10.3	7.8	.0	.0	17.1	1237
	ALL	.5	10.3	.0	.2	.1	10.4	12.3	10.3	.0	.0	21.3	9940

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

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

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
MAY	01	1.0	10.9	.0	.0	.0	10.9	14.7	11.4	.0	.0	24.1	1286
	04	.4	10.4	.0	.0	.0	10.4	21.0	11.7	.0	.0	29.4	1288
	07	.2	9.9	.0	.0	.0	9.8	22.1	18.0	.0	.0	35.6	1291
	10	.2	7.4	.0	.0	.0	7.4	12.6	18.5	.0	.0	28.8	1291
	13	.7	8.0	.0	.0	.0	8.0	7.4	20.2	.0	.0	26.5	1288
	16	2.6	9.6	.0	.0	.0	9.6	6.5	20.7	.0	.0	25.6	1287
	19	3.1	9.6	.0	.0	.0	9.6	8.6	18.0	.0	.0	25.3	1287
	22	1.5	11.1	.0	.0	.0	11.1	11.1	13.0	.0	.0	22.5	1283
	ALL	1.2	9.6	.0	.0	.0	9.6	13.0	16.4	.0	.0	27.2	10301
JUN	01	1.0	6.7	.0	.0	.0	6.7	11.6	22.3	.0	.0	30.4	1250
	04	.6	6.9	.0	.0	.0	6.8	20.2	24.6	.0	.0	38.6	1250
	07	.3	7.0	.0	.0	.0	6.9	17.7	28.8	.0	.0	41.1	1248
	10	.1	5.0	.0	.0	.0	4.8	6.3	26.5	.0	.0	31.9	1246
	13	.5	5.1	.0	.0	.0	5.1	3.9	27.5	.0	.0	30.9	1246
	16	2.2	6.3	.0	.0	.0	6.3	3.0	29.7	.0	.0	32.3	1247
	19	3.0	7.6	.0	.0	.0	7.6	4.2	27.3	.0	.0	30.6	1247
	22	2.0	6.4	.0	.0	.0	6.4	6.8	23.1	.0	.0	28.4	1246
	ALL	1.2	6.4	.0	.0	.0	6.3	9.2	26.2	.0	.0	33.0	9980
JUL	01	1.5	4.9	.0	.0	.0	4.9	11.0	29.2	.0	.0	35.2	1294
	04	.5	5.5	.0	.0	.0	5.5	17.7	30.5	.0	.0	39.8	1293
	07	.2	4.6	.0	.0	.0	4.6	16.4	35.9	.0	.0	44.3	1295
	10	.5	5.8	.0	.0	.0	5.8	4.2	33.8	.0	.0	36.4	1295
	13	1.6	5.5	.0	.0	.0	5.5	2.2	33.6	.0	.0	35.3	1294
	16	2.7	6.6	.0	.0	.0	6.6	2.0	33.6	.0	.0	35.3	1293
	19	4.5	7.2	.0	.0	.0	7.2	2.7	33.7	.0	.0	35.4	1295
	22	3.2	6.6	.0	.0	.0	6.6	5.6	31.2	.0	.1	34.0	1294
	ALL	1.9	5.8	.0	.0	.0	5.8	7.7	32.7	.0	.0	37.0	10353
AUG	01	1.2	5.1	.0	.0	.0	5.1	12.4	31.1	.0	.0	38.2	1302
	04	1.2	5.2	.0	.0	.0	5.2	20.0	31.0	.0	.0	42.2	1302
	07	.3	5.1	.0	.0	.0	5.1	21.3	39.0	.0	.0	48.3	1302
	10	.2	5.0	.0	.0	.0	5.0	4.9	36.3	.0	.0	39.5	1302
	13	1.0	4.8	.0	.0	.0	4.8	2.1	35.1	.0	.0	36.9	1302
	16	3.5	6.8	.0	.0	.0	6.8	2.2	35.7	.0	.0	37.7	1302
	19	4.1	8.4	.0	.0	.0	8.4	3.6	36.3	.0	.0	39.2	1302
	22	2.2	6.4	.0	.0	.0	6.4	6.5	32.1	.0	.0	36.5	1302
	ALL	1.7	5.8	.0	.0	.0	5.8	9.1	34.6	.0	.0	39.8	10416

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

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

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
SEP	01	.7	7.2	.0	.0	.0	7.2	14.2	20.4	.0	.0	30.8	1243
	04	.2	7.1	.0	.0	.0	7.1	22.2	21.3	.0	.1	36.5	1246
	07	.1	6.7	.0	.0	.0	6.7	25.2	27.6	.0	.1	43.1	1252
	10	.0	6.5	.0	.0	.0	6.5	8.8	24.7	.0	.0	32.0	1245
	13	.4	6.4	.0	.0	.0	6.4	5.3	23.1	.0	.0	28.0	1243
	16	1.0	6.3	.0	.0	.0	6.3	4.9	23.6	.0	.0	28.1	1244
	19	1.4	7.7	.0	.0	.0	7.7	6.8	23.9	.0	.0	29.8	1242
	22	.6	7.5	.0	.0	.0	7.4	10.1	21.0	.0	.0	28.7	1241
	ALL	.5	6.9	.0	.0	.0	6.9	12.2	23.2	.0	.0	32.1	9956
OCT	01	.2	8.8	.0	.0	.0	8.7	18.1	12.3	.0	.0	27.0	1275
	04	.2	9.4	.0	.0	.0	9.3	25.0	12.8	.0	.0	33.7	1277
	07	.0	8.5	.0	.0	.0	8.4	30.5	17.0	.0	.1	41.8	1279
	10	.0	8.0	.0	.0	.1	7.9	13.2	19.0	.0	.0	30.3	1273
	13	.1	7.7	.0	.0	.0	7.6	8.7	17.6	.0	.0	25.5	1269
	16	.2	8.1	.0	.0	.0	8.0	8.4	17.4	.0	.0	25.1	1269
	19	.2	8.0	.0	.0	.0	7.9	10.2	16.3	.0	.0	25.2	1268
	22	.2	7.5	.0	.0	.0	7.3	13.4	14.2	.0	.0	25.0	1269
	ALL	.1	8.3	.0	.0	.0	8.1	16.0	15.8	.0	.0	29.2	10179
NOV	01	.1	10.7	.0	.2	.0	10.8	16.5	8.0	.1	.0	23.1	1223
	04	.0	9.3	.0	.3	.0	9.6	20.4	7.1	.0	.1	26.0	1223
	07	.1	10.1	.0	.3	.3	10.5	26.5	12.9	.0	.2	36.4	1230
	10	.0	9.6	.0	.4	.0	10.0	15.8	16.2	.0	.0	30.4	1225
	13	.1	9.3	.0	.3	.0	9.4	11.1	14.9	.0	.0	25.0	1218
	16	.0	9.0	.0	.4	.1	9.2	10.6	14.6	.0	.0	24.1	1222
	19	.2	9.5	.0	.1	.2	9.6	12.8	11.4	.0	.0	22.8	1223
	22	.2	9.0	.0	.2	.1	9.3	13.9	8.9	.0	.0	21.1	1220
	ALL	.1	9.6	.0	.3	.1	9.8	16.0	11.8	.0	.0	26.2	9784
DEC	01	.0	9.1	.4	1.0	.2	10.3	16.9	7.1	.1	.0	23.2	1257
	04	.0	10.6	.2	1.4	.2	12.0	18.8	7.1	.1	.0	24.8	1261
	07	.0	10.7	.2	1.0	.3	11.8	23.2	11.6	.2	.1	32.7	1267
	10	.0	11.1	.1	1.8	.3	12.8	18.8	13.4	.2	.1	31.3	1266
	13	.0	9.9	.2	2.1	.3	12.0	15.1	13.8	.2	.0	28.1	1262
	16	.0	9.6	.2	1.6	.2	11.3	15.6	15.6	.2	.0	29.9	1260
	19	.0	10.3	.2	1.8	.2	11.8	15.8	11.1	.2	.0	26.4	1256
	22	.1	9.5	.6	1.2	.1	10.9	16.3	8.0	.2	.0	23.7	1259
	ALL	.0	10.1	.2	1.5	.2	11.6	17.6	11.0	.2	.0	27.5	10088

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

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

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	9.6	.6	3.7	.4	13.8	17.8	10.2	.6	.0	27.1	9829
FEB	ALL	.1	9.8	.4	3.2	.4	13.2	18.8	10.7	.6	.0	29.0	9124
MAR	ALL	.2	12.0	.1	1.6	.1	13.4	16.5	9.8	.3	.0*	25.6	10098
APR	ALL	.5	10.3	.0*	.2	.1	10.4	12.3	10.3	.0*	.0*	21.3	9940
MAY	ALL	1.2	9.6	.0	.0	.0	9.6	13.0	16.4	.0	.0	27.2	10301
JUN	ALL	1.2	6.4	.0	.0	.0	6.3	9.2	26.2	.0	.0	33.0	9980
JUL	ALL	1.9	5.8	.0	.0	.0	5.8	7.7	32.7	.0	.0*	37.0	10353
AUG	ALL	1.7	5.8	.0	.0	.0	5.8	9.1	34.6	.0	.0	39.8	10416
SEP	ALL	.5	6.9	.0	.0	.0	6.9	12.2	23.2	.0	.0*	32.1	9956
OCT	ALL	.1	8.3	.0	.0	.0*	8.1	16.0	15.8	.0	.0*	29.2	10179
NOV	ALL	.1	9.6	.0	.3	.1	9.8	16.0	11.8	.0*	.0*	26.2	9784
DEC	ALL	.0*	10.1	.2	1.5	.2	11.6	17.6	11.0	.2	.0*	27.5	10088
TOTALS		.6	8.7	.1	.8	.1	9.5	13.8	17.9	.1	.0*	29.7	120048

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JAN

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	10.8	.4	3.1	2.0	1.0	9.9	.1	.0	23.4	3.6	10.1	1.8	.0	51.4
NNE	12.1	.6	4.0	2.3	1.0	9.8	.0	.0	23.1	2.1	11.2	3.1	.0	53.7
NE	10.9	.0	2.6	1.6	1.6	7.6	.0	.0	16.4	1.3	12.2	.5	.0	61.2
ENE	12.0	.5	2.8	2.3	1.4	7.8	.0	.0	18.4	3.2	14.3	.0	.0	55.8
E	14.7	.0	3.2	.9	.5	6.5	.0	.0	24.0	2.3	12.9	.0	.0	53.0
ESE	17.5	.0	1.1	.6	.0	1.7	.0	.0	25.4	2.8	19.2	.0	.0	49.2
SE	9.5	.8	1.6	.0	.0	1.6	.0	.0	22.0	3.0	19.3	.0	.0	52.7
SSE	13.5	.2	2.4	.5	.0	1.7	.0	.0	22.8	1.9	15.9	.0	.0	55.5
S	8.1	.0	.7	.0	.0	3.6	.0	.0	13.2	2.9	10.2	.0	.0	66.5
SSW	7.5	.9	1.2	.5	.2	1.4	.0	.0	9.1	2.3	11.9	.0	.0	66.7
SW	7.2	1.0	.6	.0	.1	1.3	.0	.0	9.7	2.2	8.4	.0	.0	73.4
WSW	5.3	.4	.9	.0	.0	1.1	.0	.0	10.0	1.1	6.2	.2	.0	71.1
W	2.4	.5	1.5	.2	.0	1.3	.0	.0	11.3	1.5	5.0	.5	.0	73.1
WNW	1.7	.4	1.4	.0	.0	2.7	.0	.0	8.1	1.2	5.8	1.4	.0	78.7
NW	3.3	.4	1.8	.2	.2	1.8	.0	.0	8.7	1.7	6.2	.4	.0	78.1
NNW	4.2	.5	2.0	.5	.3	3.8	.1	.0	12.7	.8	6.0	.6	.0	74.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	6.7	.1	1.6	.6	.2	2.5	.0	.0	19.2	7.3	15.4	.0	.0	57.3
TOTALS	716	42	187	62	33	367	2	0	1496	250	1001	59	0	6731
% TOTAL	7.0	.4	1.8	.6	.3	3.6	.0*	.0	14.7	2.5	9.8	.6	.0	66.2

TOTAL NUMBER OF OBSERVATIONS : 10163

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : FEB

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	9.4	.4	2.0	1.0	1.2	8.5	.0	.0	22.3	1.4	13.2	2.4	.0	55.9
NNE	8.1	.4	5.1	1.6	1.8	8.9	.0	.4	23.2	1.2	11.9	1.4	.0	55.4
NE	12.4	.5	5.6	1.0	1.0	7.8	.0	.3	19.9	2.3	15.7	1.5	.0	54.5
ENE	19.1	.8	4.3	1.6	2.0	8.6	.0	.0	28.1	2.7	11.3	.4	.0	47.7
E	21.0	.4	3.6	.0	.4	3.6	.0	.4	28.1	3.9	15.3	.0	.0	47.3
ESE	13.0	.0	2.6	.0	.0	3.5	.0	.0	22.1	4.8	22.1	.0	.0	51.9
SE	9.8	1.2	2.7	.0	.0	2.0	.0	.9	20.0	4.1	17.6	.0	.0	55.4
SSE	10.0	1.7	1.2	.0	.4	1.0	.0	.2	19.1	1.5	15.0	.2	.0	60.5
S	8.3	.9	.7	.0	.2	.7	.0	.0	13.7	1.2	10.4	.0	.0	70.9
SSW	6.0	1.5	1.3	.0	.3	.3	.0	.0	10.3	2.3	9.8	.0	.0	71.5
SW	4.2	1.7	1.0	.0	.0	.6	.0	.0	8.2	2.1	7.8	.0	.0	77.4
WSW	3.2	.9	.9	.0	.0	1.4	.3	.3	7.2	3.2	7.5	.0	.0	75.3
W	3.9	.4	.9	.0	.0	1.3	.0	.2	11.4	2.8	4.1	.4	.0	78.6
WNW	2.8	.3	.7	.1	.0	1.1	.0	.0	8.4	1.7	5.5	.9	.0	81.5
NW	2.8	.6	1.6	.3	.1	2.1	.0	.0	10.6	1.0	6.9	.7	.0	78.6
NNW	2.8	.3	2.0	.6	.4	4.1	.0	.0	11.7	1.2	5.9	.8	.0	76.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	5.2	.0	3.6	.4	.0	.6	.0	.0	24.7	8.0	14.1	.0	.0	53.6
TOTALS	633	61	202	38	37	291	1	12	1482	232	975	56	0	6175
% TOTAL	6.8	.7	2.2	.4	.4	3.1	.0*	.1	16.0	2.5	10.5	.6	.0	66.7

TOTAL NUMBER OF OBSERVATIONS : 9260

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : MAR

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	10.4	1.5	4.9	.5	.1	4.3	.0	.1	23.1	2.0	10.6	.7	.0	56.3
NNE	14.1	1.1	8.8	.7	.4	4.0	.0	.0	26.1	1.8	10.1	.9	.0	51.7
NE	13.8	1.3	6.1	.0	.2	3.1	.0	.2	18.3	2.6	10.7	.4	.0	59.2
ENE	17.6	1.6	5.9	.3	.3	4.6	.0	.3	28.0	1.3	12.1	1.0	.0	48.9
E	17.5	2.1	6.2	.3	.3	1.8	.0	.5	28.8	2.1	14.4	.0	.0	44.5
ESE	18.5	2.9	2.6	.0	.6	.9	.0	.0	23.1	2.9	14.2	.0	.0	51.7
SE	9.0	1.9	1.8	.0	.0	.3	.0	.1	15.6	2.7	19.4	.0	.0	58.8
SSE	8.8	3.4	1.1	.0	.0	.3	.0	.3	13.8	2.6	14.3	.0	.0	64.3
S	6.9	3.0	.7	.0	.2	.7	.0	.0	10.1	2.7	8.4	.0	.0	72.6
SSW	4.7	2.5	.4	.0	.0	.2	.0	.4	5.3	1.3	8.5	.0	.0	79.2
SW	4.3	1.2	.2	.0	.0	.2	.0	.0	3.4	1.4	6.4	.0	.0	83.1
WSW	3.2	1.4	.3	.0	.0	.0	.0	.0	4.9	.6	9.5	.0	.0	77.9
W	3.0	1.9	.6	.0	.2	.9	.0	.2	5.8	1.1	4.3	.0	.0	80.7
WNW	2.5	.8	.9	.0	.0	1.0	.0	.1	5.5	1.0	5.1	.5	.0	82.3
NW	3.0	1.2	1.4	.0	.2	1.9	.0	.0	7.9	2.0	4.3	.5	.0	80.1
NNW	4.9	1.7	1.6	.0	.0	2.3	.0	.1	10.2	1.3	6.4	.5	.0	74.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	4.4	1.2	2.1	.0	.0	.0	.0	.4	18.8	9.5	11.5	.0	.3	57.5
TOTALS	781	182	251	10	12	159	0	16	1414	250	987	30	2	7073
% TOTAL	7.5	1.7	2.4	.1	.1	1.5	.0	.2	13.6	2.4	9.5	.3	.0*	67.9

TOTAL NUMBER OF OBSERVATIONS : 10413

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : APR

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	6.7	4.5	3.6	.0	.2	.5	.0	.5	16.7	2.0	11.1	.0	.0	65.3
NNE	5.6	2.6	3.5	.2	.0	.4	.0	.6	13.4	.9	11.5	.2	.0	70.3
NE	11.3	1.9	6.6	.0	.9	.4	.0	.2	17.3	3.0	10.0	.0	.0	62.2
ENE	15.7	2.2	8.2	.0	.0	.4	.0	1.9	23.2	1.1	16.9	.0	.0	54.3
E	15.1	4.0	6.0	.0	.0	.0	.0	1.1	26.2	3.7	16.2	.0	.0	47.9
ESE	9.1	3.4	3.4	.0	.0	.3	.0	.8	14.6	2.9	21.9	.0	.0	58.1
SE	6.1	1.9	1.2	.0	.0	.0	.0	.2	11.4	2.9	17.6	.0	.0	65.4
SSE	6.6	2.7	1.1	.0	.0	.0	.0	.8	11.2	2.6	12.8	.0	.0	71.3
S	4.4	2.9	.2	.0	.0	.0	.0	.3	6.9	1.4	8.3	.0	.0	78.7
SSW	4.4	3.5	.9	.0	.0	.2	.0	.5	5.9	1.6	9.1	.0	.0	77.4
SW	2.9	2.8	.0	.0	.0	.1	.0	.7	2.8	1.5	6.3	.0	.0	84.7
WSW	2.2	2.7	.0	.0	.0	.0	.0	.2	4.0	.7	5.5	.0	.0	84.6
W	1.3	2.9	.4	.0	.0	.0	.0	.2	3.3	.9	6.6	.0	.0	84.2
WNW	1.5	1.8	1.0	.0	.0	.0	.0	.0	4.4	.6	6.9	.0	.0	85.5
NW	3.7	3.1	.3	.0	.0	.1	.0	.4	4.7	.7	4.3	.0	.1	85.3
NNW	5.0	2.6	1.8	.0	.0	.2	.0	.6	6.4	2.1	4.0	.0	.0	81.0
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	4.0	2.4	2.7	.0	.0	.3	.0	.1	16.1	6.6	11.8	.0	.0	63.2
TOTALS	554	280	191	1	5	15	0	49	1006	212	1021	1	1	7400
% TOTAL	5.5	2.8	1.9	.0*	.0*	.1	.0	.5	10.0	2.1	10.1	.0*	.0*	73.4

TOTAL NUMBER OF OBSERVATIONS : 10076

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 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	5.7	3.1	4.5	.0	.0	.0	.0	1.2	14.5	1.0	18.1	.0	.0	61.5
NNE	7.4	2.7	3.8	.0	.0	.0	.0	.9	16.4	1.8	17.3	.0	.0	61.5
NE	8.9	2.6	4.1	.0	.0	.0	.0	.6	16.8	1.5	15.9	.0	.0	63.0
ENE	11.9	2.4	4.1	.0	.0	.0	.0	1.0	21.0	1.7	17.6	.0	.0	55.6
E	10.3	4.1	2.3	.0	.0	.0	.0	1.0	21.1	2.3	17.2	.0	.0	56.8
ESE	8.5	2.7	1.9	.0	.0	.0	.0	1.0	16.8	2.2	17.5	.0	.0	60.6
SE	4.7	3.9	.7	.0	.0	.0	.0	2.4	10.5	2.5	20.6	.0	.0	63.1
SSE	4.8	3.4	.4	.0	.0	.0	.0	1.1	8.3	2.2	22.1	.0	.0	65.2
S	4.3	3.0	.4	.0	.0	.0	.0	.6	7.0	2.3	16.2	.0	.0	71.1
SSW	2.8	4.8	.1	.0	.0	.0	.0	1.8	5.1	1.8	14.7	.0	.0	73.0
SW	2.5	4.0	.1	.0	.0	.0	.0	.6	3.9	2.3	14.9	.0	.0	74.9
WSW	1.2	3.0	.7	.0	.0	.0	.0	1.2	4.7	2.6	17.0	.0	.0	74.6
W	2.8	2.6	.4	.0	.0	.0	.0	2.6	5.5	3.2	14.9	.0	.0	74.3
WNW	1.5	2.7	.0	.0	.0	.0	.0	1.0	4.0	2.3	10.7	.0	.0	79.3
NW	3.5	4.5	.1	.0	.0	.0	.0	1.3	6.9	2.4	10.6	.0	.0	74.9
NNW	3.5	5.5	1.5	.0	.0	.0	.0	.7	9.9	1.7	9.5	.0	.0	75.6
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.8	2.9	1.3	.0	.0	.0	.0	.9	15.5	8.2	17.4	.0	.0	60.5
TOTALS	489	363	138	0	0	0	0	124	1072	269	1694	0	0	7060
% TOTAL	4.7	3.5	1.3	.0	.0	.0	.0	1.2	10.3	2.6	16.3	.0	.0	67.8

TOTAL NUMBER OF OBSERVATIONS : 10415

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JUN

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	4.5	3.8	2.2	.0	.0	.0	.0	1.1	10.3	1.3	24.3	.0	.0	61.8
NNE	5.8	4.2	2.8	.0	.0	.0	.0	1.6	11.4	1.6	20.6	.0	.0	62.4
NE	7.5	2.8	2.1	.0	.0	.0	.0	.7	11.7	.5	17.1	.0	.0	64.4
ENE	7.5	5.2	2.4	.0	.0	.0	.0	1.2	17.5	.8	25.8	.0	.0	54.4
E	5.8	3.1	3.4	.0	.0	.0	.0	1.5	14.1	1.8	22.6	.0	.0	56.6
ESE	1.1	4.2	1.1	.0	.0	.0	.0	.5	10.8	1.8	26.3	.0	.0	59.2
SE	3.1	2.4	.6	.0	.0	.0	.0	1.1	5.6	1.6	27.2	.0	.0	63.7
SSE	2.7	1.7	.2	.0	.0	.0	.0	1.5	3.7	1.8	31.5	.0	.0	60.7
S	2.8	3.0	.0	.0	.0	.0	.0	1.4	4.9	1.6	26.5	.0	.0	65.4
SSW	1.9	3.4	.3	.0	.0	.0	.0	.3	4.7	2.2	28.9	.0	.0	63.4
SW	1.4	2.3	.0	.0	.0	.0	.0	1.0	2.1	2.2	27.8	.0	.0	67.0
WSW	1.7	4.0	.0	.0	.0	.0	.0	1.3	5.1	4.4	33.0	.0	.0	57.4
W	.7	2.7	.0	.0	.0	.0	.0	2.0	5.6	3.6	28.3	.0	.0	63.5
WNW	.8	3.2	.4	.0	.0	.0	.0	.6	6.5	2.1	24.0	.0	.0	66.9
NW	.5	3.3	.2	.0	.0	.0	.0	1.8	4.3	1.3	17.1	.0	.0	74.4
NNW	2.4	2.9	.7	.0	.0	.0	.0	2.4	6.0	3.8	19.2	.0	.0	67.1
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.5	1.7	.1	.0	.0	.0	.0	.7	7.1	8.0	28.7	.0	.0	58.4
TOTALS	267	297	68	0	0	0	0	121	660	256	2617	0	0	6380
% TOTAL	2.7	2.9	.7	.0	.0	.0	.0	1.2	6.6	2.5	26.0	.0	.0	63.3

TOTAL NUMBER OF OBSERVATIONS : 10073

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : JUL

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	2.1	3.8	.0	.0	.0	.0	.0	1.0	4.8	1.9	27.1	.0	.0	65.2
NNE	2.2	3.1	.7	.0	.0	.0	.0	1.0	6.5	1.2	27.2	.0	.0	63.7
NE	2.9	3.9	.8	.0	.0	.0	.0	1.3	8.1	1.8	24.2	.0	.0	64.6
ENE	5.2	6.5	.8	.0	.0	.0	.0	2.0	14.5	3.6	26.6	.0	.0	55.6
E	4.2	4.2	.3	.0	.0	.0	.0	1.2	8.8	1.5	26.4	.0	.0	60.3
ESE	4.2	6.1	.8	.0	.0	.0	.0	3.1	3.6	1.1	36.6	.0	.3	53.6
SE	2.3	3.2	.0	.0	.0	.0	.0	1.2	2.4	1.1	34.0	.0	.0	59.6
SSE	2.6	2.6	.0	.0	.0	.0	.0	1.4	2.5	1.2	36.8	.0	.0	56.4
S	2.0	3.5	.2	.0	.0	.0	.0	2.4	3.1	3.1	32.0	.0	.0	60.4
SSW	2.3	3.5	.1	.0	.0	.0	.0	1.4	2.2	2.1	30.0	.0	.0	62.9
SW	1.7	3.5	.0	.0	.0	.0	.0	2.1	2.8	2.1	26.3	.0	.0	66.3
WSW	1.5	4.0	.2	.0	.0	.0	.0	3.0	5.4	2.7	38.9	.0	.0	53.9
W	1.2	2.6	.0	.0	.0	.0	.0	1.8	5.0	5.1	41.0	.0	.0	51.9
WNW	.4	4.2	.0	.0	.0	.0	.0	2.8	5.5	4.6	41.2	.0	.0	51.5
NW	1.0	2.2	.2	.0	.0	.0	.0	1.5	4.7	3.0	29.7	.0	.0	63.6
NNW	1.4	3.3	.0	.0	.0	.0	.0	1.2	4.3	3.3	29.3	.0	.0	64.5
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.4	4.1	.1	.0	.0	.0	.0	2.0	7.8	7.9	37.4	.0	.0	50.2
TOTALS	212	374	18	0	0	0	0	191	469	311	3384	0	1	6158
% TOTAL	2.0	3.6	.2	.0	.0	.0	.0	1.8	4.7	3.0	32.5	.0	.0*	59.1

TOTAL NUMBER OF OBSERVATIONS : 10412

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
PERIOD OF RECORD : 1945-1986 MONTH : AUG

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	2.0	3.8	.8	.0	.0	.0	.0	1.8	5.8	1.6	29.1	.0	.0	62.7
NNE	3.3	2.7	.4	.0	.0	.0	.0	1.5	5.5	1.3	30.2	.0	.0	61.7
NE	4.2	3.5	.4	.0	.0	.0	.0	1.3	9.0	1.9	25.1	.0	.0	61.4
ENE	5.7	4.0	.0	.0	.0	.0	.0	.8	10.2	3.0	27.2	.0	.0	59.6
E	7.8	4.7	1.1	.0	.0	.0	.0	1.1	12.0	2.2	27.6	.0	.0	56.0
ESE	3.0	3.0	.0	.0	.0	.0	.0	.8	4.4	.8	34.3	.0	.0	59.4
SE	1.2	2.4	.3	.0	.0	.0	.0	1.9	1.3	1.3	33.4	.0	.0	62.2
SSE	1.4	2.9	.2	.0	.0	.0	.0	1.5	2.4	1.5	39.0	.0	.0	55.9
S	1.8	4.3	.0	.0	.0	.0	.0	2.6	3.5	2.2	34.2	.0	.0	58.7
SSW	1.2	4.4	.0	.0	.0	.0	.0	2.6	3.4	4.1	36.9	.0	.0	55.6
SW	1.5	3.0	.1	.0	.0	.0	.0	1.0	3.7	3.9	36.8	.0	.0	56.8
WSW	2.0	3.6	.0	.0	.0	.0	.0	2.6	3.8	5.5	46.8	.0	.0	45.3
W	.9	2.4	.0	.0	.0	.0	.0	.9	4.9	8.8	41.6	.0	.0	51.1
WNW	.4	3.5	.0	.0	.0	.0	.0	1.4	6.4	6.2	40.7	.0	.0	52.5
NW	.8	2.7	.0	.0	.0	.0	.0	1.6	5.0	5.1	27.7	.0	.0	64.3
NNW	2.3	5.2	1.0	.0	.0	.0	.0	3.3	7.2	3.3	30.3	.0	.0	59.2
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.8	3.0	.2	.0	.0	.0	.0	1.2	6.4	9.8	39.2	.0	.0	49.5
TOTALS	226	358	24	0	0	0	0	177	541	407	3597	0	0	5925
% TOTAL	2.2	3.4	.2	.0	.0	.0	.0	1.7	5.2	3.9	34.6	.0	.0	57.0

TOTAL NUMBER OF OBSERVATIONS : 10399

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
PERIOD OF RECORD : 1945-1986 — MONTH : SEP

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	6.1	2.4	1.9	.0	.0	.0	.0	.2	10.6	1.0	17.7	.0	.0	66.8
NNE	9.4	1.6	2.8	.0	.0	.0	.0	.1	13.1	1.9	18.1	.0	.0	63.1
NE	9.4	1.6	2.3	.0	.0	.0	.0	.5	10.2	2.6	15.8	.0	.0	66.5
ENE	7.8	1.3	1.7	.0	.0	.0	.0	.4	13.2	1.1	18.1	.0	.0	63.5
E	6.5	4.0	.4	.0	.0	.0	.0	.8	12.4	2.3	26.8	.0	.0	58.7
ESE	3.8	2.0	.3	.0	.0	.0	.0	.3	6.7	2.9	21.2	.0	.0	68.4
SE	2.6	.9	.2	.0	.0	.0	.0	.5	7.4	2.0	20.9	.0	.0	68.7
SSE	1.8	2.9	.0	.0	.0	.0	.0	.9	4.4	2.0	31.0	.0	.0	61.5
S	3.0	2.4	.2	.0	.0	.0	.0	.5	5.1	2.9	26.3	.0	.0	65.7
SSW	1.1	2.9	.0	.0	.0	.0	.0	.8	4.0	5.4	25.4	.0	.0	65.6
SW	.9	1.9	.0	.0	.0	.0	.0	.7	4.0	5.3	29.1	.0	.0	63.4
WSW	1.5	2.8	.0	.0	.0	.0	.0	.8	6.0	4.0	29.8	.0	.0	60.2
W	1.1	2.0	.2	.0	.0	.0	.0	.9	6.3	7.9	27.4	.0	.0	62.4
WNW	1.2	2.8	.5	.0	.0	.0	.0	1.2	8.1	4.6	26.0	.0	.2	63.1
NW	3.2	1.6	.5	.0	.0	.0	.0	.5	8.5	4.1	16.7	.0	.0	70.2
NNW	3.4	2.3	2.3	.0	.0	.0	.0	.4	10.0	3.8	16.6	.0	.0	68.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	2.0	1.1	.2	.0	.0	.0	.0	.2	9.3	9.3	25.9	.0	.1	60.3
TOTALS	394	209	84	0	0	0	0	54	825	388	2313	0	2	6503
% TOTAL	3.9	2.1	.8	.0	.0	.0	.0	.5	8.2	3.9	23.0	.0	.0*	64.5

TOTAL NUMBER OF OBSERVATIONS : 10075

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : OCT

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	7.4	1.6	3.7	.0	.0	.0	.0	.3	14.7	2.5	19.6	.0	.0	59.3
NNE	8.6	1.2	4.5	.0	.1	.0	.0	.1	17.9	2.1	19.0	.0	.0	57.9
NE	10.6	1.4	3.5	.0	.0	.0	.0	.0	15.0	3.0	13.8	.0	.0	60.7
ENE	9.3	.7	3.7	.0	.0	.0	.0	.2	12.6	3.5	14.9	.0	.0	65.1
E	11.5	1.5	1.3	.0	.0	.0	.0	.0	14.5	2.8	17.0	.0	.0	59.8
ESE	10.3	.7	1.8	.0	.0	.0	.0	.7	14.2	5.3	15.6	.0	.0	58.2
SE	4.0	1.3	1.5	.0	.0	.0	.0	.0	11.0	3.4	18.2	.0	.0	64.9
SSE	5.9	2.6	2.4	.0	.0	.0	.0	.2	12.6	4.4	22.7	.0	.0	57.5
S	4.4	1.0	.4	.0	.0	.0	.0	.1	7.5	4.4	16.2	.0	.0	69.7
SSW	3.0	1.7	.2	.0	.0	.0	.0	.0	5.7	2.5	15.5	.0	.0	74.2
SW	2.5	1.2	.3	.0	.0	.0	.0	.0	4.5	1.7	16.8	.0	.0	75.0
WSW	2.8	.5	.5	.0	.0	.0	.0	.0	6.8	3.5	16.1	.0	.0	70.3
W	2.4	1.9	.2	.0	.0	.0	.0	.2	7.3	4.7	13.7	.0	.0	74.3
WNW	1.5	1.5	.5	.0	.0	.0	.0	.3	6.9	4.0	8.8	.0	.0	81.3
NW	3.8	1.3	.5	.0	.0	.0	.0	.2	8.1	5.6	9.4	.0	.0	74.7
NNW	5.3	2.2	1.3	.0	.0	.0	.0	.0	8.9	2.7	8.2	.0	.0	75.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	1.5	.6	1.5	.0	.0	.0	.0	.1	14.3	15.9	19.7	.0	.1	53.7
TOTALS	533	139	168	0	1	0	0	14	1121	504	1611	0	1	6930
% TOTAL	5.1	1.3	1.6	.0	.0*	.0	.0	.1	10.8	4.8	15.5	.0	.0*	66.6

TOTAL NUMBER OF OBSERVATIONS : 10410

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1965-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : NOV

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	11.0	.6	3.4	.0	.2	.8	.0	.0	15.9	1.7	8.8	.0	.0	66.3
NNE	12.8	.9	3.9	.0	.0	.9	.0	.0	15.8	1.7	12.6	.0	.0	62.3
NE	10.1	1.1	1.6	.0	.5	1.3	.0	.0	15.4	2.1	14.9	.0	.3	60.4
ENE	16.1	1.2	3.9	.0	.4	1.2	.0	.0	19.3	2.4	18.9	.0	.0	53.1
E	15.5	1.1	3.2	.0	.4	.0	.0	.4	29.2	6.0	12.7	.0	.0	44.0
ESE	13.1	2.4	3.2	.0	.0	.0	.0	.4	24.6	4.0	26.2	.0	.0	42.1
SE	6.7	1.6	1.4	.0	.0	.0	.0	.2	19.0	4.1	23.3	.0	.0	51.8
SSE	9.5	2.8	1.1	.0	.0	.2	.0	.0	18.0	2.5	16.3	.0	.0	57.6
S	8.8	2.2	1.1	.0	.0	.3	.0	.0	12.9	3.1	15.7	.0	.0	66.4
SSW	4.2	2.7	.8	.0	.0	.2	.0	.5	8.2	2.6	9.0	.0	.0	75.1
SW	4.1	1.8	.5	.0	.0	.2	.0	.0	6.9	2.4	10.4	.0	.0	75.9
WSW	1.9	1.3	.4	.0	.0	.0	.0	.0	5.4	1.1	10.8	.0	.0	78.4
W	3.3	.7	1.0	.0	.0	.3	.0	.0	7.8	3.6	8.8	.0	.0	75.4
WNW	2.9	.4	.4	.0	.0	.0	.0	.0	6.3	2.9	6.0	.0	.0	80.4
NW	3.5	1.0	.5	.0	.1	.3	.0	.0	7.4	1.9	6.0	.0	.0	79.7
NNW	6.7	1.5	.7	.0	.1	.2	.0	.1	7.6	1.2	6.1	.1	.0	76.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.8	.4	1.2	.0	.1	.0	.0	.1	15.5	13.0	14.1	.0	.3	56.4
TOTALS	668	132	136	0	8	29	0	8	1213	349	1151	1	4	6864
% TOTAL	6.6	1.3	1.4	.0	.1	.3	.0	.1	12.0	3.5	11.4	.0*	.0*	68.2

TOTAL NUMBER OF OBSERVATIONS : 10071

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : DEC

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	13.1	.1	2.8	1.3	1.0	3.6	.0	.0	24.6	1.2	11.0	.5	.0	56.1
NNE	14.8	.2	2.2	.2	.7	3.3	.0	.0	24.0	2.0	11.0	.7	.0	57.7
NE	14.0	.3	3.5	.3	.5	5.0	.0	.0	18.5	2.3	9.5	.3	.0	61.2
ENE	18.8	.8	1.5	.0	.0	2.3	.0	.0	19.5	1.9	11.3	.0	.0	60.2
E	19.9	.4	2.9	.0	.4	1.8	.0	.0	24.5	2.9	18.8	.0	.0	46.9
ESE	13.4	.0	3.0	.0	.0	1.5	.0	.0	19.9	2.5	20.9	.0	.0	51.7
SE	11.2	.8	1.5	.0	.0	.3	.0	.0	20.3	5.3	17.0	.0	.0	54.1
SSE	11.0	1.7	2.0	.5	.2	.5	.0	.0	21.8	5.9	15.9	.0	.0	51.7
S	9.0	1.4	.9	.2	.2	.0	.0	.0	12.8	2.4	10.6	.0	.0	70.2
SSW	6.7	.8	1.6	.2	.2	.3	.0	.0	11.8	1.6	14.1	.0	.0	68.0
SW	5.8	.9	.9	.0	.0	.8	.0	.0	8.2	1.5	11.5	.0	.0	72.2
WSW	3.4	.0	.9	.0	.0	.4	.0	.0	10.3	1.9	6.6	.0	.0	72.2
W	4.5	.5	1.1	.0	.0	1.1	.0	.0	11.1	2.0	8.3	.2	.0	73.7
WNW	2.6	.1	.8	.0	.3	.8	.0	.1	9.8	2.0	5.8	.1	.0	78.7
NW	3.1	.5	.5	.2	.0	1.1	.0	.0	8.5	1.2	5.9	.1	.0	81.6
NNW	5.5	.3	1.0	.3	.3	2.3	.0	.0	11.0	1.6	5.7	.6	.0	75.4
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	6.3	.5	1.8	.3	.1	.9	.0	.0	18.3	5.5	17.2	.0	.2	55.1
TOTALS	811	54	153	25	23	150	0	1	1521	252	1107	17	2	6972
% TOTAL	7.8	.5	1.5	.2	.2	1.4	.0	.0*	14.6	2.4	10.6	.2	.0*	67.1

TOTAL NUMBER OF OBSERVATIONS : 10396

NOTES :
* = PERCENT < .05

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
MONTH : ANN

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	8.1	1.9	2.9	.5	.4	2.8	.0*	.4	16.7	1.8	15.7	.5	.0	60.0
NNE	8.7	1.7	3.6	.4	.3	2.2	.0	.5	16.4	1.7	16.8	.5	.0	60.0
NE	9.6	1.8	3.2	.2	.3	1.7	.0	.4	14.4	2.2	15.5	.2	.0*	61.9
ENE	11.7	2.2	3.2	.3	.3	1.7	.0	.6	18.1	2.2	18.0	.1	.0	57.0
E	11.9	2.7	2.7	.1	.1	.9	.0	.7	19.5	2.7	19.7	.0	.0	53.2
ESE	8.8	2.6	1.7	.0*	.1	.5	.0	.7	14.4	2.7	23.4	.0	.0*	56.3
SE	5.4	2.1	1.0	.0	.0	.3	.0	.8	11.0	2.6	22.8	.0	.0	61.0
SSE	6.0	2.5	.9	.1	.0*	.2	.0	.8	10.5	2.4	23.3	.0*	.0	60.9
S	4.7	2.5	.4	.0*	.0*	.3	.0	.9	7.4	2.5	20.2	.0	.0	67.1
SSW	3.6	2.9	.5	.1	.0*	.2	.0	.8	5.9	2.5	19.3	.0	.0	68.6
SW	3.1	2.2	.3	.0	.0*	.2	.0	.6	4.8	2.4	18.4	.0	.0	71.4
WSW	2.4	2.2	.4	.0	.0	.2	.0*	.9	6.2	2.7	20.2	.0*	.0	67.3
W	2.3	1.7	.5	.0*	.0*	.4	.0	.7	7.2	3.7	16.9	.1	.0	70.2
WNW	1.8	1.6	.6	.0*	.0*	.6	.0	.5	6.8	2.6	13.5	.3	.0*	75.1
NW	2.9	1.6	.8	.1	.1	.8	.0	.4	7.5	2.2	10.0	.2	.0*	76.9
NNW	4.3	1.9	1.4	.2	.1	1.4	.0*	.5	9.4	1.9	10.0	.3	.0	73.7
VAR	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CLM	3.4	1.5	1.3	.1	.0*	.4	.0	.5	14.2	9.3	21.5	.0	.1	56.0
TOTALS	6284	2491	1620	136	119	1011	3	767	12840	3680	21458	164	13	80171
% TOTAL	5.1	2.0	1.3	.1	.1	.8	.0*	.6	10.5	3.0	17.6	.1	.0*	65.6

TOTAL NUMBER OF OBSERVATIONS : 122163

NOTES :
* = PERCENT < .05

15 - MEANS AND STANDARD DEVIATIONS

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	34.0	35.0	41.8	51.2	60.2	68.5	73.4	72.5	67.0	56.9	47.2	37.9	54.0
01	S.D.	10.234	9.444	9.068	8.137	6.963	5.867	4.427	4.587	6.521	7.695	9.079	9.667	16.064
	TOT OBS	1271	1158	1302	1260	1302	1260	1301	1302	1260	1302	1259	1297	15274
	MEAN	33.1	33.9	40.7	49.8	58.8	67.1	72.0	71.3	65.8	55.7	46.1	37.0	52.8
04	S.D.	10.401	9.673	9.173	8.118	6.956	5.809	4.404	4.535	6.521	7.794	9.159	9.778	15.983
	TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1259	1302	1259	1297	15274
	MEAN	32.6	33.1	40.7	51.5	61.6	70.4	74.8	73.3	67.0	55.8	45.4	36.4	53.7
07	S.D.	10.570	9.832	9.238	7.774	6.696	5.584	4.069	4.272	6.303	7.805	9.157	9.994	17.064
	TOT OBS	1268	1158	1302	1260	1302	1260	1302	1302	1258	1302	1259	1299	15272
	MEAN	36.9	38.7	47.0	57.9	67.4	76.2	80.4	79.3	73.3	62.7	51.7	41.3	59.6
10	S.D.	10.193	10.058	10.063	9.127	7.964	6.620	5.157	5.304	7.133	7.672	8.800	9.562	17.507
	TOT OBS	1270	1158	1302	1259	1302	1260	1302	1301	1259	1302	1259	1300	15274
	MEAN	40.4	42.4	50.3	60.9	70.2	79.0	83.3	82.3	76.3	66.0	55.1	44.6	62.7
13	S.D.	10.707	10.567	10.691	9.645	8.419	7.268	5.729	5.816	7.567	8.245	9.392	10.027	17.576
	TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1302	1259	1300	15278
	MEAN	39.7	42.2	50.4	60.9	70.1	78.7	83.1	81.9	75.7	65.0	53.7	43.3	62.2
16	S.D.	10.298	10.068	10.132	9.394	8.283	7.178	5.741	5.620	7.250	7.857	8.954	9.327	17.498
	TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1300	1259	1300	15276
	MEAN	36.0	37.8	45.7	56.1	65.4	74.4	78.8	76.9	70.3	59.5	49.2	39.7	57.7
19	S.D.	9.722	9.073	8.743	8.200	7.078	6.185	4.769	4.842	6.645	7.482	8.647	9.199	16.895
	TOT OBS	1271	1157	1302	1259	1302	1260	1301	1302	1259	1302	1259	1297	15271
	MEAN	34.8	36.2	43.5	53.3	62.2	70.4	75.0	74.0	68.2	57.9	47.9	38.7	55.4
22	S.D.	10.064	9.202	8.854	8.119	7.040	5.968	4.502	4.521	6.515	7.624	9.041	9.507	16.223
	TOT OBS	1271	1156	1302	1258	1301	1260	1302	1302	1259	1302	1259	1297	15269
	MEAN	35.9	37.4	45.0	55.2	64.5	73.1	77.6	76.4	70.5	60.0	49.5	39.9	57.3
ALL	S.D.	10.629	10.292	10.221	9.525	8.534	7.666	6.397	6.399	7.843	8.670	9.634	10.020	17.256
	TOT OBS	10164	9261	10416	10076	10415	10080	10414	10415	10074	10414	10072	10387	122188

16 - MEANS AND STANDARD DEVIATIONS

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

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	31.3	32.0	38.1	46.7	56.0	64.3	69.0	68.5	63.0	53.2	43.6	34.8	50.2
	S.D.	10.066	9.132	8.685	7.826	7.028	6.096	4.688	4.951	7.074	8.312	9.319	9.656	15.702
	TOT OBS	1269	1155	1301	1260	1302	1260	1301	1302	1255	1302	1259	1297	15263
04	MEAN	30.6	31.3	37.3	45.8	55.1	63.4	68.2	67.8	62.4	52.5	42.8	34.2	49.4
	S.D.	10.280	9.444	8.968	8.057	7.262	6.149	4.737	4.992	7.130	8.469	9.433	9.774	15.776
	TOT OBS	1270	1155	1302	1260	1301	1260	1302	1302	1251	1301	1259	1296	15259
07	MEAN	30.2	30.6	37.4	47.2	57.0	65.4	69.8	69.1	63.4	52.7	42.4	33.8	50.1
	S.D.	10.445	9.679	9.164	7.827	7.079	5.909	4.553	4.836	6.953	8.460	9.442	9.969	16.472
	TOT OBS	1265	1155	1302	1260	1301	1260	1302	1302	1249	1302	1257	1299	15254
10	MEAN	33.3	34.5	41.2	50.2	59.4	67.5	71.6	71.1	65.7	56.1	46.2	37.2	53.0
	S.D.	9.976	9.499	9.102	8.027	7.294	6.030	4.710	5.019	6.969	8.086	8.822	9.427	15.832
	TOT OBS	1270	1156	1302	1259	1302	1260	1302	1301	1256	1301	1258	1299	15266
13	MEAN	35.4	36.7	43.0	51.6	60.6	68.2	72.3	71.8	66.5	57.3	47.8	39.1	54.3
	S.D.	9.802	9.267	8.896	7.830	7.149	6.099	4.830	5.049	6.953	7.954	8.892	9.267	15.322
	TOT OBS	1271	1156	1302	1260	1302	1260	1302	1302	1257	1301	1258	1300	15271
16	MEAN	35.0	36.6	43.1	51.6	60.5	68.1	72.1	71.5	66.2	56.9	47.1	38.2	54.1
	S.D.	9.459	8.787	8.366	7.563	7.038	5.987	4.802	4.912	6.899	7.877	8.734	8.865	15.254
	TOT OBS	1271	1157	1302	1260	1302	1260	1302	1301	1258	1300	1259	1300	15272
19	MEAN	32.6	34.0	40.5	49.3	58.6	66.7	70.8	69.9	64.2	54.5	44.6	36.1	52.0
	S.D.	9.485	8.644	8.194	7.381	6.780	6.025	4.664	5.016	7.009	8.134	8.928	9.171	15.583
	TOT OBS	1270	1153	1302	1258	1302	1260	1299	1302	1256	1302	1258	1295	15257
22	MEAN	31.8	33.0	39.3	48.0	57.2	65.2	69.6	69.1	63.5	53.7	43.8	35.4	51.0
	S.D.	9.879	8.870	8.514	7.691	6.918	6.151	4.831	4.952	6.992	8.199	9.211	9.436	15.620
	TOT OBS	1270	1153	1302	1257	1301	1260	1300	1302	1254	1302	1258	1296	15255
ALL	MEAN	32.5	33.6	40.0	48.8	58.1	66.1	70.4	69.8	64.4	54.6	44.8	36.1	51.8
	S.D.	10.088	9.418	9.010	8.048	7.322	6.286	4.928	5.151	7.142	8.383	9.295	9.618	15.797
	TOT OBS	10156	9240	10415	10074	10413	10080	10410	10414	10036	10411	10066	10382	122097

17 - MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURE (DEG F)
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	25.5	26.1	32.4	41.6	52.6	61.6	66.7	66.4	60.4	49.7	38.9	29.2	46.1
01	S.D.	13.039	12.110	11.365	10.109	8.820	7.382	5.787	6.045	8.537	10.405	11.684	12.580	18.051
	TOT OBS	1269	1155	1301	1260	1302	1260	1301	1302	1255	1302	1259	1297	15263
	MEAN	25.1	25.6	31.9	41.3	51.9	61.1	66.2	65.8	60.2	49.3	38.5	28.9	45.7
04	S.D.	13.183	12.302	11.591	10.245	9.083	7.361	5.800	6.077	8.524	10.474	11.660	12.510	18.078
	TOT OBS	1270	1155	1302	1260	1301	1260	1302	1302	1251	1301	1259	1297	15260
	MEAN	24.8	25.1	32.2	42.5	53.3	62.5	67.3	66.9	60.9	49.6	38.3	28.7	46.2
07	S.D.	13.226	12.543	11.811	10.211	9.153	7.266	5.860	6.026	8.409	10.370	11.522	12.495	18.545
	TOT OBS	1264	1155	1302	1260	1300	1260	1302	1302	1249	1302	1257	1299	15252
	MEAN	26.3	26.8	33.2	42.3	53.5	62.7	67.3	67.0	61.0	50.5	39.8	30.5	46.9
10	S.D.	13.394	12.945	12.237	11.236	9.866	7.660	6.208	6.494	8.877	10.989	11.698	12.532	18.298
	TOT OBS	1270	1156	1302	1259	1302	1260	1302	1301	1256	1301	1258	1299	15266
	MEAN	26.7	27.2	33.4	42.4	53.6	62.2	66.9	66.5	60.5	50.1	39.5	30.6	46.8
13	S.D.	13.361	13.024	12.277	11.281	10.042	8.202	6.755	6.811	9.252	11.232	12.265	12.799	18.199
	TOT OBS	1271	1156	1302	1260	1302	1260	1302	1302	1257	1301	1258	1300	15271
	MEAN	26.5	27.3	33.4	42.3	53.4	62.2	66.6	66.3	60.4	50.1	39.4	30.2	46.7
16	S.D.	13.133	12.594	12.067	11.110	10.129	8.156	6.936	6.805	9.329	11.317	12.272	12.642	18.125
	TOT OBS	1271	1157	1302	1260	1302	1260	1301	1301	1258	1300	1259	1300	15271
	MEAN	25.9	26.8	33.0	42.1	53.4	62.1	66.7	66.2	60.3	50.0	38.9	29.8	46.4
19	S.D.	12.803	12.181	11.600	10.499	9.406	8.017	6.556	6.704	8.681	10.608	11.836	12.368	18.032
	TOT OBS	1271	1153	1302	1259	1302	1259	1301	1302	1256	1302	1259	1296	15262
	MEAN	25.6	26.7	33.0	42.2	53.4	62.0	66.8	66.5	60.5	49.8	38.7	29.5	46.4
22	S.D.	12.996	12.022	11.453	10.274	8.722	7.620	6.188	6.261	8.596	10.437	11.747	12.466	18.037
	TOT OBS	1271	1153	1302	1258	1301	1260	1302	1302	1255	1302	1259	1297	15262
	MEAN	25.8	26.5	32.8	42.1	53.1	62.0	66.8	66.5	60.5	49.9	39.0	29.7	46.4
ALL	S.D.	13.153	12.488	11.813	10.634	9.429	7.728	6.283	6.418	8.808	10.736	11.845	12.564	18.175
	TOT OBS	10157	9240	10415	10076	10412	10079	10413	10414	10037	10411	10068	10385	122107

18 - MEANS AND STANDARD DEVIATIONS

SEA-LEVEL PRESSURE (MB)
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
01	MEAN	1018.7	1017.9	1016.3	1015.7	1015.2	1015.1	1015.7	1016.2	1018.1	1018.8	1018.2	1019.1	1017.1
	S.D.	8.994	9.445	8.315	7.681	5.791	5.066	4.329	4.128	5.402	6.780	7.949	8.745	7.242
	TOT OBS	1271	1158	1302	1260	1302	1260	1301	1302	1260	1301	1259	1298	15274
04	MEAN	1018.7	1017.6	1015.9	1015.5	1015.1	1014.9	1015.5	1016.0	1017.8	1018.7	1018.2	1019.1	1016.9
	S.D.	9.124	9.490	8.530	7.892	5.895	5.117	4.395	4.203	5.526	6.887	8.036	8.784	7.351
	TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1302	1259	1298	15276
07	MEAN	1019.4	1018.5	1017.0	1016.7	1016.2	1015.9	1016.5	1017.0	1018.8	1019.6	1019.0	1019.9	1017.9
	S.D.	9.184	9.576	8.806	8.130	6.018	5.176	4.400	4.182	5.646	7.031	8.142	8.891	7.444
	TOT OBS	1271	1158	1302	1260	1302	1259	1302	1302	1260	1302	1259	1301	15278
10	MEAN	1020.3	1019.1	1017.3	1016.9	1016.4	1016.1	1016.8	1017.4	1019.3	1020.0	1019.6	1020.7	1018.3
	S.D.	9.267	9.745	9.066	8.317	6.105	5.245	4.401	4.180	5.701	7.211	8.230	8.988	7.600
	TOT OBS	1271	1158	1302	1259	1302	1260	1302	1302	1260	1302	1259	1301	15278
13	MEAN	1018.3	1017.5	1015.9	1015.6	1015.4	1015.3	1016.1	1016.6	1018.2	1018.5	1017.8	1018.7	1017.0
	S.D.	9.236	9.702	8.967	8.207	6.109	5.193	4.403	4.138	5.643	7.269	8.128	8.916	7.487
	TOT OBS	1270	1158	1302	1260	1302	1260	1301	1301	1260	1302	1259	1301	15276
16	MEAN	1018.0	1016.6	1014.7	1014.4	1014.3	1014.3	1015.0	1015.6	1017.2	1017.8	1017.4	1018.4	1016.1
	S.D.	9.056	9.516	8.651	7.942	5.976	5.134	4.425	4.108	5.575	7.170	7.982	8.702	7.385
	TOT OBS	1271	1158	1302	1260	1302	1260	1302	1302	1260	1301	1259	1301	15278
19	MEAN	1019.0	1017.5	1015.6	1014.9	1014.6	1014.5	1015.2	1015.7	1017.6	1018.6	1018.2	1019.2	1016.7
	S.D.	8.911	9.419	8.330	7.648	5.749	4.983	4.325	4.001	5.430	6.912	7.851	8.645	7.267
	TOT OBS	1271	1157	1302	1260	1302	1260	1302	1302	1259	1302	1259	1298	15274
22	MEAN	1019.2	1017.9	1016.4	1015.8	1015.4	1015.3	1015.9	1016.5	1018.3	1019.1	1018.5	1019.4	1017.3
	S.D.	8.884	9.389	8.209	7.525	5.675	4.975	4.282	4.026	5.390	6.829	7.857	8.702	7.176
	TOT OBS	1271	1157	1302	1258	1301	1260	1301	1302	1259	1302	1259	1298	15270
ALL	MEAN	1018.9	1017.8	1016.1	1015.7	1015.3	1015.2	1015.8	1016.4	1018.2	1018.9	1018.4	1019.3	1017.2
	S.D.	9.104	9.557	8.644	7.958	5.954	5.141	4.406	4.161	5.573	7.040	8.045	8.819	7.397
	TOT OBS	10167	9262	10416	10077	10415	10079	10413	10415	10078	10414	10072	10396	122204

19 - MEANS AND STANDARD DEVIATIONS

STATION PRESSURE (INCHES OF HG)
(FROM HOURLY OBSERVATIONS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

HOURS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	MEAN	30.043	30.013	29.969	29.951	29.939	29.936	29.951	29.968	30.019	30.040	30.023	30.052	29.991
01	S.D.	.260	.276	.240	.223	.167	.145	.124	.118	.155	.198	.231	.257	.209
	TOT OBS	1209	1130	1240	1230	1271	1230	1270	1302	1230	1240	1199	1235	14786
	MEAN	30.041	30.005	29.958	29.946	29.935	29.932	29.947	29.961	30.013	30.034	30.021	30.052	29.986
04	S.D.	.264	.277	.245	.230	.172	.147	.126	.120	.158	.201	.233	.257	.213
	TOT OBS	1208	1130	1240	1230	1271	1230	1271	1302	1230	1240	1199	1235	14786
	MEAN	30.061	30.031	29.989	29.981	29.968	29.959	29.975	29.990	30.042	30.061	30.045	30.073	30.014
07	S.D.	.267	.279	.254	.237	.173	.149	.127	.120	.162	.206	.236	.259	.215
	TOT OBS	1209	1130	1240	1230	1271	1230	1271	1302	1230	1240	1199	1238	14790
	MEAN	30.091	30.048	29.997	29.985	29.973	29.964	29.983	30.000	30.054	30.074	30.061	30.097	30.027
10	S.D.	.269	.284	.261	.243	.176	.151	.127	.124	.165	.211	.240	.263	.220
	TOT OBS	1209	1130	1240	1229	1271	1230	1271	1302	1229	1240	1199	1238	14788
	MEAN	30.031	30.002	29.956	29.948	29.945	29.943	29.964	29.978	30.025	30.031	30.011	30.040	29.989
13	S.D.	.267	.282	.259	.240	.176	.149	.127	.119	.163	.212	.236	.261	.217
	TOT OBS	1208	1130	1240	1230	1271	1230	1271	1302	1229	1240	1199	1238	14788
	MEAN	30.023	29.976	29.923	29.913	29.912	29.915	29.933	29.948	29.994	30.010	29.997	30.031	29.964
16	S.D.	.261	.277	.251	.231	.172	.148	.127	.118	.161	.210	.234	.255	.214
	TOT OBS	1209	1129	1240	1230	1271	1230	1271	1302	1230	1239	1199	1238	14788
	MEAN	30.051	30.003	29.947	29.929	29.921	29.920	29.937	29.954	30.006	30.032	30.023	30.053	29.981
19	S.D.	.257	.275	.241	.223	.166	.144	.124	.114	.157	.202	.228	.253	.210
	TOT OBS	1208	1129	1239	1229	1271	1230	1270	1302	1229	1240	1198	1234	14779
	MEAN	30.055	30.014	29.971	29.956	29.946	29.943	29.959	29.975	30.026	30.046	30.032	30.058	29.998
22	S.D.	.258	.274	.237	.219	.163	.143	.123	.115	.156	.200	.228	.255	.208
	TOT OBS	1209	1129	1240	1228	1270	1230	1270	1301	1228	1240	1198	1234	14777
	MEAN	30.050	30.011	29.964	29.951	29.942	29.939	29.956	29.972	30.022	30.041	30.027	30.057	29.994
ALL	S.D.	.264	.279	.250	.232	.172	.148	.127	.120	.160	.206	.234	.258	.214
	TOT OBS	9669	9037	9919	9836	10167	9840	10165	10415	9835	9919	9590	9890	118282

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

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	31	32	27	24	28	26	24	26	27	28	28	28	27	42
04	32	32	31	27	29	30	28	31	29	32	30	30	30	42
07	36	35	36	29	34	32	35	37	36	37	37	33	35	42
10	33	31	32	28	32	29	32	34	32	32	32	31	32	42
13	30	30	35	30	32	30	33	34	30	32	31	32	32	42
16	31	31	32	29	27	26	29	30	26	28	27	30	29	42
19	30	30	28	24	27	24	27	29	27	26	26	28	27	42
22	29	30	26	23	25	24	25	25	26	26	27	29	26	42
ALL	32	31	31	27	29	28	29	31	29	30	30	30	30	42

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	23	23	20	15	17	13	10	11	16	17	17	19	17	42
04	23	23	22	18	20	15	12	14	18	22	20	19	19	42
07	25	26	24	20	25	20	19	21	23	25	24	22	23	42
10	23	23	21	19	22	19	18	20	21	21	20	21	21	42
13	21	21	21	17	19	15	15	17	18	19	19	22	19	42
16	21	22	19	14	14	11	11	12	13	15	15	20	16	42
19	21	20	18	13	13	12	11	12	15	14	14	18	15	42
22	21	22	19	15	15	13	10	10	14	15	16	18	15	42
ALL	22	23	20	16	18	15	13	15	17	18	18	20	18	42

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	17	16	13	10	11	6	5	6	9	11	10	12	10	42
04	16	18	15	13	13	8	7	7	10	14	13	13	12	42
07	18	20	18	15	17	13	12	13	15	17	16	15	16	42
10	16	18	14	12	11	8	7	7	9	11	13	14	12	42
13	14	15	12	7	7	5	4	4	6	8	9	14	9	42
16	14	14	12	7	7	4	4	4	5	7	8	14	8	42
19	13	15	12	8	8	6	5	5	6	6	8	12	9	42
22	15	15	13	8	8	5	4	4	7	8	10	12	9	42
ALL	16	16	14	10	10	7	6	6	8	10	11	13	11	42

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERCENT OF HOURS WITH
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	8	9	6	4	3	1	0*	0*	1	3	4	5	4	42
04	8	10	7	5	4	1	0*	1	1	5	5	6	5	42
07	9	10	8	5	4	2	1	1	2	6	6	6	5	42
10	6	7	6	3	1	1	0*	0*	1	3	4	6	3	42
13	6	6	4	2	1	0*	0*	0*	0*	1	2	5	2	42
16	6	6	4	2	1	0*	0*	0*	0*	1	2	5	2	42
19	5	7	4	2	1	1	0*	0*	1	1	3	5	3	42
22	7	8	5	3	2	0*	0	0*	1	2	3	6	3	42
ALL	7	8	6	3	2	1	0*	0*	1	3	3	6	3	42

PERCENT OF HOURS WITH
CEILING LESS THAN 100 FEET & VISIBILITY LESS THAN 1/4 MILES

HOUR (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	# YRS
01	2	2	2	1	1	0	0	0	0*	1	1	1	1	42
04	3	4	3	1	1	0*	0	0*	0*	2	2	2	1	42
07	2	4	3	2	1	0	0*	0	0*	2	2	1	2	42
10	1	2	1	0*	0*	0	0*	0	0	1	1	1	1	42
13	1	1	0*	0*	0	0	0	0	0	0	0*	1	0*	42
16	1	1	1	0*	0	0	0	0	0*	0	0*	1	0*	42
19	1	2	1	0*	0	0*	0	0	0	0	1	1	1	42
22	2	2	1	1	0*	0	0	0*	0*	1	1	2	1	42
ALL	2	2	1	1	0*	0*	0*	0*	0*	1	1	1	1	42

NOTE :
* = VALUE > 0 AND < 0.5 PERCENT

5 - DAILY TEMPERATURES

ELEMENT TYPE : MAXIMUM TEMPERATURE

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

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	.1	.4	.1	.0	.0	.0	.0	.0*
>= 95	.0	.0	.0	.0	.1	2.1	5.6	3.5	.9	.0	.0	.0	1.0
>= 90	.0	.0	.0	.5	2.0	13.0	23.6	18.4	5.5	.5	.0	.0	5.3
>= 85	.0	.0	.2	2.7	9.3	33.2	56.1	49.2	20.7	2.0	.1	.0	14.6
>= 80	.0	.2	1.8	8.9	23.7	60.0	86.2	77.7	44.2	7.9	.8	.0	26.2
>= 75	.3	1.0	4.5	16.4	43.0	84.6	98.2	96.2	69.8	20.0	3.4	.4	36.8
>= 70	1.7	2.4	9.1	27.7	64.7	95.1	99.8	99.5	87.9	42.7	10.7	2.5	45.7
>= 65	4.6	5.0	16.9	43.7	83.6	99.0	100.0	100.0	96.2	65.0	22.6	6.4	54.0
>= 60	9.6	11.2	28.5	65.0	95.1	99.8	100.0	100.0	99.4	85.3	40.9	13.8	62.8
>= 55	17.3	20.3	42.5	84.8	99.4	100.0	100.0	100.0	99.9	95.6	60.3	24.8	70.9
>= 50	27.2	34.0	62.0	95.6	100.0	100.0	100.0	100.0	100.0	98.9	79.3	38.9	78.4
>= 45	41.3	49.8	79.4	99.1	100.0	100.0	100.0	100.0	100.0	99.9	91.3	58.5	85.2
>= 40	62.8	69.0	92.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	98.3	77.8	91.9
>= 35	78.3	86.1	97.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.5	89.0	95.9
>= 30	91.2	94.9	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.8	98.6
>= 25	97.2	98.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.6
>= 20	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9
>= 15	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 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	43.5	45.6	53.7	64.2	73.0	81.3	85.5	84.2	78.2	67.9	57.4	47.4	65.3
S.D.	11.140	10.781	10.936	9.787	8.297	6.922	5.501	5.654	7.367	8.041	9.355	10.373	17.234
TOT. OBS.	1270	1147	1302	1260	1302	1260	1292	1302	1260	1301	1258	1299	15253

NOTES :
* = PERCENT < .05

ELEMENT TYPE : MINIMUM TEMPERATURE

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

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	.3	.1	.0	.0	.0	.0	.0*
>= 75	.0	.0	.0	.0	.0	2.5	15.4	10.8	2.9	.1	.0	.0	2.7
>= 70	.0	.0	.0	.0	1.3	25.4	58.9	55.4	21.1	1.3	.2	.0	13.8
>= 65	.0	.0	.2	.6	11.7	55.2	89.8	85.3	46.1	5.8	.2	.0	24.8
>= 60	.2	.0	.5	4.5	35.0	82.5	98.8	97.3	72.1	20.3	2.3	.0	34.8
>= 55	.6	.3	1.8	13.8	61.3	96.9	100.0	99.5	91.3	41.6	8.6	.5	43.4
>= 50	1.1	1.1	5.7	32.5	82.5	99.8	100.0	100.0	98.0	65.0	18.7	2.0	51.0
>= 45	3.1	3.9	16.1	60.6	96.4	100.0	100.0	100.0	100.0	83.9	36.8	8.2	59.6
>= 40	9.8	11.8	36.4	83.9	99.7	100.0	100.0	100.0	100.0	95.2	59.3	21.2	68.6
>= 35	24.7	28.6	61.4	96.1	100.0	100.0	100.0	100.0	100.0	99.2	81.7	40.0	78.1
>= 30	49.9	52.8	85.3	99.4	100.0	100.0	100.0	100.0	100.0	100.0	93.6	64.0	87.4
>= 25	69.3	74.6	95.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.3	83.8	93.6
>= 20	84.4	88.8	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	94.5	97.3
>= 15	93.0	96.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	99.0
>= 10	98.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.8	99.8
>= 5	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9
>= 0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= -5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	28.6	29.8	37.1	46.5	56.4	65.0	70.1	69.4	63.5	52.6	42.0	32.6	49.7
S.D.	9.122	8.394	7.796	7.161	6.637	5.672	4.294	4.487	6.502	7.795	8.512	8.352	16.462
TOT. OBS.	1270	1147	1302	1260	1302	1260	1292	1302	1259	1301	1258	1299	15252

NOTES :
* = PERCENT < .05

7 - DAILY TEMPERATURES

ELEMENT TYPE : MEAN TEMPERATURE

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

TEMP (DEG F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
>= 90	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0*
>= 85	.0	.0	.0	.0	.0	1.5	7.5	3.9	1.0	.0	.0	.0	1.2
>= 80	.0	.0	.0	.0	1.2	16.8	39.3	32.0	9.8	.6	.0	.0	8.4
>= 75	.0	.0	.2	.9	8.4	44.5	76.9	70.8	31.7	2.8	.2	.0	19.9
>= 70	.1	.0	.9	5.8	27.0	73.5	97.4	94.2	60.1	11.0	1.2	.0	31.2
>= 65	.3	.3	2.3	14.8	52.1	93.5	100.0	99.5	83.6	29.2	4.3	.4	40.4
>= 60	1.2	1.4	7.4	29.1	77.4	99.3	100.0	100.0	96.2	56.6	13.7	2.2	49.1
>= 55	3.7	3.7	16.4	52.9	92.9	100.0	100.0	100.0	99.6	78.9	30.4	6.2	57.5
>= 50	9.2	10.3	29.5	77.1	99.5	100.0	100.0	100.0	100.0	92.9	49.4	15.4	65.8
>= 45	19.0	22.8	52.5	93.6	100.0	100.0	100.0	100.0	100.0	98.7	73.0	30.4	74.6
>= 40	34.8	42.3	76.3	99.1	100.0	100.0	100.0	100.0	100.0	99.9	89.9	51.7	83.2
>= 35	57.9	65.0	91.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	97.5	74.3	90.7
>= 30	76.1	83.1	97.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.4	88.3	95.4
>= 25	89.1	93.2	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.7	98.3
>= 20	96.1	98.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.7	99.5
>= 15	99.1	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	99.9	99.9
>= 10	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
>= 5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
MEAN	36.3	38.0	45.6	55.6	64.9	73.4	78.1	77.1	71.1	60.5	49.9	40.3	57.7
S.D.	9.648	9.040	8.858	7.895	6.936	5.852	4.439	4.610	6.464	7.366	8.430	8.907	16.594
TOT. OBS.	1270	1147	1302	1260	1302	1260	1292	1302	1259	1301	1258	1299	15252

NOTES :
* = PERCENT < .05

PERCENTAGE FREQUENCY OF PRECIPITATION

(FROM DAILY OBSERVATIONS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
PERIOD OF RECORD : 1945-1986

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	.01	<=.05	<=.10	<=.25	<=.50	<=1.0	<=2.5	<=5.0	<=10.0	<=20.0	>20.0	>=.01		MEAN	HI	LOW
JAN	52.0	13.9	2.2	6.2	4.8	7.1	8.0	4.2	1.6	.0	.0	.0	.0	34.1	1268	.31	6.17	.45
FEB	54.5	11.9	2.1	6.1	3.8	7.6	7.0	5.1	1.7	.1	.0	.0	.0	33.6	1146	.29	7.02	.32
MAR	51.2	15.1	2.5	5.8	4.4	6.7	6.0	5.7	2.5	.1	.0	.0	.0	33.7	1302	.36	10.16	.63
APR	52.0	13.9	3.0	7.1	4.5	6.7	6.7	4.2	1.8	.1	.0	.0	.C	34.1	1260	.30	8.23	.42
MAY	50.9	12.8	2.8	6.9	4.4	6.8	7.5	5.2	2.5	.2	.0	.0	.C	36.3	1302	.40	10.99	.49
JUN	56.1	12.6	2.2	6.5	4.3	5.5	5.0	4.9	2.7	.2	.1	.0	.0	31.3	1257	.34	7.39	.22
JUL	53.7	13.5	2.2	6.2	3.8	6.7	5.4	4.6	3.5	.4	.0	.0	.0	32.7	1292	.41	15.51	.83
AUG	58.4	12.2	2.0	5.4	3.1	6.2	5.2	3.6	2.7	1.1	.1	.0	.0	29.4	1302	.43	11.10	.61
SEP	64.0	11.0	2.0	4.2	2.7	5.6	3.7	3.8	2.5	.5	.0	.0	.C	24.9	1259	.32	7.99	.09
OCT	65.6	11.1	1.4	4.8	2.5	4.5	4.0	3.4	2.4	.3	.0	.0	.0	23.3	1302	.30	6.61	.00T
NOV	58.9	11.7	2.0	5.8	3.3	6.0	4.5	5.1	2.4	.3	.0	.0	.0	29.4	1257	.34	7.95	.31
DEC	57.6	12.9	2.0	5.2	3.2	6.0	5.4	5.9	1.8	.2	.0	.0	.0	29.6	1299	.33	7.12	.47
ANN	56.3	12.7	2.2	5.9	3.7	6.3	5.7	4.6	2.4	.3	.0*	.0	.0	31.0	15246	4.13	60.80	28.25

NOTES :
.00T, .0 OR 0.T = ZERO PRECIPITATION ,SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

PERCENTAGE FREQUENCY OF SNOW FALL

(FROM DAILY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	.1-.4	.5-1.4	<=2.4	<=3.4	<=4.4	<= 6.4	<=10.4	<=15.4	<=25.4	<=50.4	>50.4	>=.1		MEAN	HI	LOW
JAN	79.8	12.1	1.9	2.4	1.7	.6	.4	.7	.3	.1	.0	.0	.0	8.0	1268	5.0	29.0	.0
FEB	84.1	8.9	.8	2.5	1.2	.9	.6	.3	.4	.2	.0	.0	.0	7.0	1145	4.9	32.3	.0
MAR	91.2	5.8	.5	.8	.5	.3	.2	.4	.3	.0	.0	.0	.0	3.0	1301	2.5	22.0	.0
APR	98.4	1.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1230	.0T	.3	.0
MAY	99.8	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1302	.0T	.0T	.0
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1260	.0	.0	.0
JUL	99.9	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1291	.0T	.0T	.0
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1300	.0	.0	.0
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1260	.0	.0	.0
OCT	99.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1301	.0T	.1	.0
NOV	97.3	1.9	.6	.2	.0	.0	.0	.0	.1	.0	.0	.0	.0	.8	1258	.3	7.1	.0
DEC	89.7	6.8	.5	1.3	.8	.2	.2	.2	.2	.0	.0	.0	.0	3.5	1297	2.1	13.0	.0
ANN	95.1	3.1	.4	.6	.3	.2	.1	.1	.1	.0*	.0	.0	.0	1.8	15213	14.8	48.0	1.0

NOTES :
.00T, .0 OR 0.T = 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)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
PERIOD OF RECORD : 1945-1986

	INCHES													PERCENT OF DAYS WITH AMOUNTS	TOTAL NO. OF OBS	TOTAL PRECIPITATION (INCHES)		
	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	60-120	> 120	>= 1		MEAN	HI	LOW
JAN	76.9	9.2	4.4	3.0	2.2	3.0	1.1	.1	.1	.0	.0	.0	.0	13.9	1175		27.	0.
FEB	78.4	7.6	4.4	2.4	1.3	3.0	1.6	.7	.6	.0	.0	.0	.0	13.9	1062		31.	0.
MAR	92.2	3.1	.6	.7	1.2	1.4	.8	.0	.0	.0	.0	.0	.0	4.8	1177		10.	0.
APR	99.6	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1108		0.T	0.
MAY	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1178		0.	0.
JUN	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1140		0.	0.
JUL	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1167		0.	0.
AUG	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1176		0.	0.
SEP	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1140		0.	0.
OCT	100.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1177		0.	0.
NOV	99.5	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1139		2.	0.
DEC	91.2	3.3	1.4	1.4	.9	1.4	.4	.0	.0	.0	.0	.0	.0	5.5	1174		11.	0.
ANN	94.9	2.0	.9	.6	.5	.7	.3	.1	.1	.0	.0	.0	.0	3.1	13813		31.	0.T

NOTES :
.00T, .0 OR 0.T = ZERO PRECIPITATION ,SNOWFALL OR SNOW DEPTH MEASURED BUT A TRACE WAS NOTED
* = PERCENT < .05
ANNUAL HI AND LOW VALUES ARE DERIVED FROM ANNUAL TOTALS.

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : JAN

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.72	44	1961	5.30	135	1962	2.	51	1963
2	1.37	35	1979	.70	18	1948	5.	127	1962
3	.88	22	1985	T	T	1985	4.	102	1962
4	.74	19	1952	1.10	28	1980	1.	25	1963
5	.53	13	1949	4.80	122	1980	1.	25	1980
6	2.14	54	1962	2.90	74	1970	6.	152	1980
7	.85	22	1976	6.30	160	1977	6.	152	1977
8	.60	15	1965	2.00	51	1973	4.	102	1977
9	.81	21	1964	2.00	51	1968	3.	76	1977
10	1.67	42	1984	4.10	104	1962	4.	102	1962
11	.81	21	1980	4.00	102	1955	4.	102	1962
12	.88	22	1948	1.00	25	1979	4.	102	1955
13	2.00	51	1948	5.40	137	1964	4.	102	1955
14	1.68	43	1958	6.90	175	1982	10.	254	1982
15	.50	13	1954	3.90	99	1957	7.	178	1982
16	.52	13	1965	5.20	132	1965	7.	178	1982
17	1.72	44	1978	2.80	71	1985	8.	203	1965
18	1.12	28	1980	2.00	51	1984	8.	203	1965
19	.64	16	1961	5.00	127	1967	7.	178	1965
20	1.07	27	1979	3.70	94	1975	7.	178	1965
21	1.64	42	1949	.30	8	1982	4.	102	1982
22	1.40	36	1954	11.20	284	1954	4.	102	1982
23	.65	17	1983	.60	15	1948	10.	254	1954
24	.87	22	1979	5.50	140	1948	10.	254	1954
25	.92	23	1958	.80	20	1957	7.	178	1954
26	1.25	32	1986	9.00	229	1966	5.	127	1954
27	1.73	44	1976	3.00	76	1966	12.	305	1966
28	1.31	33	1952	4.30	109	1962	10.	254	1966
29	.80	20	1966	8.00	203	1966	10.	254	1966
30	.90	23	1966	9.00	229	1966	22.	559	1966
31	.68	17	1949	2.10	53	1980	27.	686	1966
MONTH	2.14	54	1962	11.20	284	1954	27.	686	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

21 - DAILY EXTREME AMOUNTS

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986

MONTH : FEB

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.12	28	1985	4.00	102	1962	27.	686	1966
2	1.74	44	1973	5.50	140	1972	29.	737	1966
3	.92	23	1952	4.00	102	1961	31.	787	1966
4	.92	23	1952	3.00	76	1975	22.	559	1966
5	.81	21	1960	.80	20	1984	15.	381	1966
6	.66	17	1964	5.70	145	1978	13.	330	1966
7	1.15	29	1971	6.00	152	1979	13.	330	1966
8	1.75	44	1961	4.20	107	1974	8.	203	1966
9	.65	17	1970	3.00	76	1967	5.	127	1979
10	.45	11	1949	2.00	51	1967	9.	229	1967
11	1.52	39	1983	14.20	361	1983	6.	152	1967
12	1.24	31	1985	4.00	102	1979	13.	330	1983
13	1.25	32	1971	5.40	137	1960	12.	305	1983
14	1.31	33	1984	3.70	94	1965	10.	254	1983
15	1.44	37	1953	.80	20	1986	9.	229	1983
16	.46	12	1982+	.70	18	1962	7.	178	1983
17	1.15	29	1982	7.50	191	1967	6.	152	1979
18	1.09	28	1960	9.00	229	1979	9.	229	1967
19	1.21	31	1972	11.70	297	1979	23.	584	1979
20	1.12	28	1981	2.80	71	1969	27.	686	1979
21	2.09	53	1954	.10	3	1960	26.	660	1979
22	.80	20	1971	3.30	84	1948	14.	356	1979
23	1.18	30	1969	.70	18	1972	6.	152	1979
24	3.06	78	1979	3.30	84	1986	3.	76	1979
25	1.02	26	1979	1.30	33	1950	10.	254	1950
26	.75	19	1985	1.50	38	1952	30.	762	1950
27	1.14	29	1958	6.60	168	1982	10.	254	1950
28	.97	25	1966	6.90	175	1964	7.	178	1982
29									
30									
31									
MONTH	3.06	78	1979	14.20	361	1983	31.	787	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

013721 PATUXENT RIVER. MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986

MONTH : MAR

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.02	26	1983	5.60	142	1980	5.	127	1968
2	.90	23	1948	6.30	160	1969	6.	152	1980
3	.94	24	1960	9.40	239	1960	7.	178	1960
4	1.05	27	1955	.30	8	1960	8.	203	1960
5	1.39	35	1965	2.20	56	1962	8.	203	1960
6	1.24	31	1979	2.30	58	1962	8.	203	1960
7	1.19	30	1948	3.20	81	1969	8.	203	1960
8	1.08	27	1950	7.00	178	1947	8.	203	1960
9	.90	23	1976	2.40	61	1960	5.	127	1978
10	1.26	32	1978	3.80	97	1960	9.	229	1960
11	.83	21	1963	.10	3	1979	10.	254	1960
12	1.33	34	1968	T	T	1974	8.	203	1960
13	2.66	68	1980	T	T	1980	4.	102	1960
14	.77	20	1956	T	T	1980	4.	102	1960
15	.81	21	1953	T	T	1982	3.	76	1960
16	1.19	30	1974	5.00	127	1960	5.	127	1950
17	1.45	37	1968	1.00	25	1950	2.	51	1960
18	1.40	36	1983	T	T	1981	1.	25	1960
19	1.89	48	1946	.30	8	1981	1.	25	1960
20	1.97	50	1958	7.00	178	1958	3.	76	1958
21	1.73	44	1983	2.00	51	1958	3.	76	1965
22	1.08	27	1950	T	T	1985	T	T	1965
23	.62	16	1949	T	T	1967	T	T	1965
24	1.37	35	1952	.00	0	1986	0.	0	1986
25	2.10	53	1984	.00	0	1986	0.	0	1986
26	2.23	57	1978	7.00	178	1971	7.	178	1971
27	1.05	27	1983	.90	23	1947	5.	127	1971
28	1.72	44	1984	.80	20	1947	T	T	1971
29	1.12	28	1974	T	T	1984	0.	0	1986
30	1.41	36	1974	3.00	76	1964	1.	25	1964
31	.92	23	1961	.00	0	1986	T	T	1964
MONTH	2.66	68	1980	9.40	239	1960	10.	254	1960

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : APR

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.28	33	1981	T	T	1964	T	T	1964
2	.75	19	1959	.00	0	1986	0.	0	1986
3	.86	22	1960	.00	0	1986	0.	0	1986
4	1.17	30	1984	T	T	1954	T	T	1954
5	1.16	29	1981	T	T	1984	0.	0	1986
6	1.38	35	1956	T	T	1971	0.	0	1986
7	.64	16	1972	.30	8	1972	0.	0	1986
8	.98	25	1957	T	T	1972	T	T	1972
9	.86	22	1980	T	T	1985	T	T	1982
10	1.32	34	1983	.00	0	1986	0.	0	1986
11	.54	14	1983	T	T	1973	0.	0	1986
12	1.26	32	1947	T	T	1973	0.	0	1986
13	.41	10	1972+	T	T	1966	0.	0	1986
14	1.34	34	1970	.00	0	1986	0.	0	1986
15	2.61	66	1983	.00	0	1986	0.	0	1986
16	1.19	30	1947	.00	0	1986	0.	0	1986
17	1.42	36	1982	.00	0	1986	0.	0	1986
18	.49	12	1949	.00	0	1986	0.	0	1986
19	.68	17	1969	T	T	1983	0.	0	1986
20	.54	14	1958	.00	0	1986	0.	0	1986
21	.52	13	1958	.00	0	1986	0.	0	1986
22	1.55	39	1972	T	T	1984	0.	0	1986
23	1.07	27	1958	T	T	1986	0.	0	1986
24	1.44	37	1983	T	T	1956	0.	0	1986
25	1.93	49	1946	.00	0	1986	0.	0	1986
26	1.44	37	1978	.00	0	1986	0.	0	1986
27	.98	25	1954	.00	0	1986	0.	0	1986
28	.92	23	1966	.00	0	1986	0.	0	1986
29	.78	20	1951	.00	0	1986	0.	0	1986
30	.84	21	1963	.00	0	1986	0.	0	1986
31									
MONTH	2.61	66	1983	.30	8	1972	T	T	1982

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986

MONTH : MAY

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	.98	25	1976	.00	0	1986	0.	0	1986
2	.38	10	1985	.00	0	1986	0.	0	1986
3	.98	25	1954	.00	0	1986	0.	0	1986
4	1.80	46	1978	.00	0	1986	0.	0	1986
5	.32	8	1958	.00	0	1986	0.	0	1986
6	.83	21	1958	.00	0	1986	0.	0	1986
7	1.95	50	1967	.00	0	1986	0.	0	1986
8	.70	18	1971	T	T	1954	0.	0	1986
9	.65	17	1978	.00	0	1986	0.	0	1986
10	.26	7	1981	.00	0	1986	0.	0	1986
11	1.98	50	1961	.00	0	1986	0.	0	1986
12	.83	21	1974	.00	0	1986	0.	0	1986
13	1.08	27	1971	.00	0	1986	0.	0	1986
14	1.29	33	1972	.00	0	1986	0.	0	1986
15	1.77	45	1950	.00	0	1986	0.	0	1986
16	1.76	45	1971	.00	0	1986	0.	0	1986
17	1.87	47	1945	.00	0	1986	0.	0	1986
18	1.91	49	1946	.00	0	1986	0.	0	1986
19	1.15	29	1957	.00	0	1986	0.	0	1986
20	.97	25	1986	.00	0	1986	0.	0	1986
21	.97	25	1966	.00	0	1986	0.	0	1986
22	1.16	29	1983	.00	0	1986	0.	0	1986
23	1.27	32	1984	.00	0	1986	0.	0	1986
24	1.88	48	1979	.00	0	1986	0.	0	1986
25	1.99	51	1958	.00	0	1986	0.	0	1986
26	1.16	29	1948	.00	0	1986	0.	0	1986
27	2.21	56	1984	.00	0	1986	0.	0	1986
28	2.16	55	1968	T	T	1985	0.	0	1986
29	4.31	109	1984	.00	0	1986	0.	0	1986
30	2.68	68	1971	.00	0	1986	0.	0	1986
31	1.95	50	1972	.00	0	1986	0.	0	1986
MONTH	4.31	109	1984	T	T	1985	0.	0	1986

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

D13721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : JUN

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.14	29	1975	.00	0	1986	0.	0	1986
2	1.35	34	1974	.00	0	1986	0.	0	1986
3	3.06	78	1963	.00	0	1986	0.	0	1986
4	1.64	42	1979	.00	0	1986	0.	0	1986
5	2.39	61	1957	.00	0	1986	0.	0	1986
6	1.47	37	1977	.00	0	1986	0.	0	1986
7	1.29	33	1947	.00	0	1986	0.	0	1986
8	1.02	26	1951	.00	0	1986	0.	0	1986
9	.51	13	1958	.00	0	1986	0.	0	1986
10	1.54	39	1951	.00	0	1986	0.	0	1986
11	2.49	63	1945	.00	0	1986	0.	0	1986
12	.85	22	1971	.00	0	1986	0.	0	1986
13	1.08	27	1982+	.00	0	1986	0.	0	1986
14	2.37	60	1960	.00	0	1986	0.	0	1986
15	1.14	29	1965	.00	0	1986	0.	0	1986
16	.90	23	1966	.00	0	1986	0.	0	1986
17	1.67	42	1977	.00	0	1986	0.	0	1986
18	.97	25	1958	.00	0	1986	0.	0	1986
19	1.83	46	1949	.00	0	1986	0.	0	1986
20	5.91	150	1983	.00	0	1986	0.	0	1986
21	1.55	39	1961	.00	0	1986	0.	0	1986
22	2.64	67	1972	.00	0	1986	0.	0	1986
23	.54	14	1974	.00	0	1986	0.	0	1986
24	2.38	60	1964	.00	0	1986	0.	0	1986
25	.31	8	1955	.00	0	1986	0.	0	1986
26	1.13	29	1958	.00	0	1986	0.	0	1986
27	1.13	29	1956	.00	0	1986	0.	0	1986
28	.88	22	1972	.00	0	1986	0.	0	1986
29	1.42	36	1982	.00	0	1986	0.	0	1986
30	1.02	26	1979	.00	0	1986	0.	0	1986
31									
MONTH	5.91	150	1983	.00	0	1986	0.	0	1986

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

PERIOD OF RECORD : 1945-1986

MONTH : JUL

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	.61	15	1979	.00	0	1986	0.	0	1986
2	1.52	39	1945	.00	0	1986	0.	0	1986
3	1.86	47	1978	.00	0	1986	0.	0	1986
4	2.77	70	1981	.00	0	1986	0.	0	1986
5	1.07	27	1945	.00	0	1986	0.	0	1986
6	.71	18	1961	.00	0	1986	0.	0	1986
7	.42	11	1954	.00	0	1986	0.	0	1986
8	1.91	49	1956	.00	0	1986	0.	0	1986
9	1.70	43	1945	.00	0	1986	0.	0	1986
10	1.67	42	1959	.00	0	1986	0.	0	1986
11	1.42	36	1975	.00	0	1986	0.	0	1986
12	2.56	65	1969	.00	0	1986	0.	0	1986
13	1.91	49	1975	.00	0	1986	0.	0	1986
14	1.93	49	1959	.00	0	1986	0.	0	1986
15	2.16	55	1959	.00	0	1986	0.	0	1986
16	1.57	40	1949	.00	0	1986	0.	0	1986
17	2.58	66	1945	T	T	1980	0.	0	1986
18	1.96	50	1945	.00	0	1986	0.	0	1986
19	1.55	39	1982	.00	0	1986	0.	0	1986
20	1.22	31	1956	.00	0	1986	0.	0	1986
21	1.73	44	1979	.00	0	1986	0.	0	1986
22	2.33	59	1980	.00	0	1986	0.	0	1986
23	1.84	47	1948	.00	0	1986	0.	0	1986
24	3.04	77	1958	.00	0	1986	0.	0	1986
25	1.55	39	1978	.00	0	1986	0.	0	1986
26	.85	22	1981	.00	0	1986	0.	0	1986
27	1.62	41	1960	.00	0	1986	0.	0	1986
28	1.13	29	1981	.00	0	1986	0.	0	1986
29	1.42	36	1960	.00	0	1986	0.	0	1986
30	4.61	117	1960	.00	0	1986	0.	0	1986
31	.87	22	1978	.00	0	1986	0.	0	1986
MONTH	4.61	117	1960	T	T	1980	0.	0	1986

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : AUG

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	3.26	83	1949	.00	0	1986	0.	0	1986
2	2.07	53	1979	.00	0	1986	0.	0	1986
3	1.25	32	1953	.00	0	1986	0.	0	1986
4	2.19	56	1948	.00	0	1986	0.	0	1986
5	1.66	42	1972	.00	0	1986	0.	0	1986
6	1.73	44	1975+	.00	0	1986	0.	0	1986
7	3.71	94	1974	.00	0	1986	0.	0	1986
8	3.03	77	1953	.00	0	1986	0.	0	1986
9	1.04	26	1954	.00	0	1986	0.	0	1986
10	.53	13	1954	.00	0	1986	0.	0	1986
11	3.04	77	1979	.00	0	1986	0.	0	1986
12	4.96	126	1955	.00	0	1986	0.	0	1986
13	2.39	61	1955	.00	0	1986	0.	0	1986
14	2.98	76	1953	.00	0	1986	0.	0	1986
15	2.00	51	1958	.00	0	1986	0.	0	1986
16	1.41	36	1975	.00	0	1986	0.	0	1986
17	2.11	54	1986	.00	0	1986	0.	0	1986
18	3.09	78	1985	.00	0	1986	0.	0	1986
19	1.62	41	1957	.00	0	1986	0.	0	1986
20	5.88	149	1969	.00	0	1986	0.	0	1986
21	2.65	67	1973	.00	0	1986	0.	0	1986
22	.74	19	1967	.00	0	1986	0.	0	1986
23	.83	21	1967	.00	0	1986	0.	0	1986
24	2.54	65	1958	.00	0	1986	0.	0	1986
25	4.67	119	1958	.00	0	1986	0.	0	1986
26	2.76	70	1971	.00	0	1986	0.	0	1986
27	3.19	81	1947	.00	0	1986	0.	0	1986
28	1.08	27	1949	.00	0	1986	0.	0	1986
29	.50	13	1959	.00	0	1986	0.	0	1986
30	.80	20	1957	.00	0	1986	0.	0	1986
31	1.00	25	1983	.00	0	1986	0.	0	1986
MONTH	5.88	149	1969	.00	0	1986	0.	0	1986

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : SEP

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	.78	20	1975	.00	0	1986	0.	0	1986
2	1.66	42	1969	.00	0	1986	0.	0	1986
3	.99	25	1974	.00	0	1986	0.	0	1986
4	.16	4	1974	.00	0	1986	0.	0	1986
5	3.21	82	1979	.00	0	1986	0.	0	1986
6	1.20	30	1968	.00	0	1986	0.	0	1986
7	1.04	26	1957	.00	0	1986	0.	0	1986
8	.51	13	1981	.00	0	1986	0.	0	1986
9	2.01	51	1977	.00	0	1986	0.	0	1986
10	1.69	43	1970	.00	0	1986	0.	0	1986
11	1.11	28	1960	.00	0	1986	0.	0	1986
12	3.89	99	1960	.00	0	1986	0.	0	1986
13	.98	25	1950	.00	0	1986	0.	0	1986
14	2.16	55	1966	.00	0	1986	0.	0	1986
15	1.93	49	1951	.00	0	1986	0.	0	1986
16	1.52	39	1965	.00	0	1986	0.	0	1986
17	1.28	33	1945	.00	0	1986	0.	0	1986
18	2.21	56	1975	.00	0	1986	0.	0	1986
19	.97	25	1955	.00	0	1986	0.	0	1986
20	.98	25	1946	.00	0	1986	0.	0	1986
21	2.67	68	1946	.00	0	1986	0.	0	1986
22	2.60	66	1982	.00	0	1986	0.	0	1986
23	2.75	70	1975	.00	0	1986	0.	0	1986
24	.78	20	1946	.00	0	1986	0.	0	1986
25	.98	25	1947	.00	0	1986	0.	0	1986
26	2.45	62	1985	.00	0	1986	0.	0	1986
27	2.95	75	1985	.00	0	1986	0.	0	1986
28	1.12	28	1974	.00	0	1986	0.	0	1986
29	.81	21	1963	.00	0	1986	0.	0	1986
30	1.79	45	1964	.00	0	1986	0.	0	1986
31									
MONTH	3.89	99	1960	.00	0	1986	0.	0	1986

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : OCT

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	1.59	40	1964	.00	0	1986	0.	0	1986
2	1.52	39	1973	.00	0	1986	0.	0	1986
3	1.14	29	1980	.00	0	1986	0.	0	1986
4	.90	23	1962	.00	0	1986	0.	0	1986
5	2.05	52	1948	.00	0	1986	0.	0	1986
6	1.76	45	1957	.00	0	1986	0.	0	1986
7	.77	20	1951	.00	0	1986	0.	0	1986
8	.85	22	1947	.00	0	1986	0.	0	1986
9	.96	24	1975	.00	0	1986	0.	0	1986
10	1.29	33	1971	.10	3	1979	0.	0	1986
11	.96	24	1952	.00	0	1986	0.	0	1986
12	.96	24	1983	.00	0	1986	0.	0	1986
13	1.00	25	1983	.00	0	1986	0.	0	1986
14	1.20	30	1986+	.00	0	1986	0.	0	1986
15	.42	11	1954	.00	0	1986	0.	0	1986
16	.71	18	1964	.00	0	1986	0.	0	1986
17	1.61	41	1975	.00	0	1986	0.	0	1986
18	1.33	34	1980	.00	0	1986	0.	0	1986
19	3.55	90	1966	T	T	1972	0.	0	1986
20	1.46	37	1976	.00	0	1986	0.	0	1986
21	3.53	90	1961	.00	0	1986	0.	0	1986
22	.94	24	1958	.00	0	1986	0.	0	1986
23	2.38	60	1945	.00	0	1986	0.	0	1986
24	1.28	33	1959	.00	0	1986	0.	0	1986
25	3.08	78	1980	.00	0	1986	0.	0	1986
26	1.97	50	1977	.00	0	1986	0.	0	1986
27	.40	10	1954	.00	0	1986	0.	0	1986
28	2.17	55	1953	.00	0	1986	0.	0	1986
29	1.39	35	1984	.00	0	1986	0.	0	1986
30	1.61	41	1956	.00	0	1986	0.	0	1986
31	2.63	67	1949	.00	0	1986	0.	0	1986
MONTH	3.55	90	1966	.10	3	1979	0.	0	1986

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : NOV

	PRECIPITATION			SNOWFALL			SNOW DEPTH		
DAY	INCHES	MM	DATE	INCHES	MM	DATE	INCHES	MM	DATE
1	1.95	50	1949	.00	0	1986	0.	0	1986
2	4.22	107	1956	.00	0	1986	0.	0	1986
3	3.79	96	1947	T	T	1962	0.	0	1986
4	1.20	30	1982	.00	0	1986	0.	0	1986
5	1.08	27	1962	T	T	1962	0.	0	1986
6	2.50	64	1963	.30	8	1953	0.	0	1986
7	1.57	40	1959	.10	3	1953	2.	51	1953
8	1.34	34	1972	T	T	1976	0.	0	1986
9	1.50	38	1962	.00	0	1986	0.	0	1986
10	1.07	27	1955	.00	0	1986	0.	0	1986
11	1.41	36	1979	.00	0	1986	0.	0	1986
12	2.12	54	1968	.70	18	1976	T	T	1976
13	1.21	31	1982	.00	0	1986	0.	0	1986
14	1.12	28	1945	.00	0	1986	0.	0	1986
15	1.05	27	1970	.00	0	1986	0.	0	1986
16	.62	16	1956	T	T	1980	0.	0	1986
17	.69	18	1956	T	T	1980	0.	0	1986
18	.73	19	1962	.00	0	1986	0.	0	1986
19	1.20	30	1972	T	T	1968	0.	0	1986
20	.92	23	1983	.00	0	1986	0.	0	1986
21	2.89	73	1952	.00	0	1986	0.	0	1986
22	.98	25	1945	T	T	1972	0.	0	1986
23	.91	23	1953	.00	0	1986	0.	0	1986
24	2.06	52	1959	.00	0	1986	0.	0	1986
25	1.39	35	1964	T	T	1983	0.	0	1986
26	1.57	40	1979	.40	10	1978	0.	0	1986
27	.72	18	1948	.40	10	1978	T	T	1978
28	1.31	33	1984	.10	3	1950	T	T	1950
29	1.02	26	1963	.40	10	1952	T	T	1952
30	2.75	70	1985	7.10	180	1967	0.	0	1986
31									
MONTH	4.22	107	1956	7.10	180	1967	2.	51	1953

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

MONTH : DEC

DAY	PRECIPITATION INCHES	MM	DATE	SNOWFALL INCHES	MM	DATE	SNOW DEPTH INCHES	MM	DATE
1	.73	19	1974	T	T	1956	3.	76	1967
2	1.05	27	1986	T	T	1955	2.	51	1967
3	1.48	38	1948	T	T	1983	0.	0	1986
4	1.10	28	1983	3.00	76	1957	0.	0	1986
5	1.21	31	1945	T	T	1984	2.	51	1957
6	.81	21	1959	1.00	25	1954	1.	25	1957
7	.92	23	1976	T	T	1975	0.	0	1986
8	.86	22	1974	1.80	46	1976	2.	51	1976
9	1.30	33	1978	T	T	1981	2.	51	1976
10	1.74	44	1969	T	T	1982	T	T	1976
11	1.32	34	1960	4.00	102	1960	0.	0	1986
12	2.95	75	1983	6.50	165	1982	6.	152	1982
13	.87	22	1959	.60	15	1945	7.	178	1982
14	.89	23	1953	3.60	91	1958	4.	102	1982
15	1.19	30	1948+	2.00	51	1981	6.	152	1958
16	1.66	42	1974	1.40	36	1973	6.	152	1958
17	.68	17	1961	1.90	48	1973	5.	127	1958
18	1.87	47	1977	1.50	38	1946	3.	76	1973
19	.92	23	1948	6.00	152	1945	3.	76	1973
20	1.40	36	1946	.70	18	1985	2.	51	1973
21	.92	23	1952	6.50	165	1962	1.	25	1985
22	.93	24	1969	2.00	51	1967	4.	102	1962
23	.57	14	1961	3.00	76	1966	3.	76	1962
24	3.18	81	1986	8.00	203	1966	5.	127	1966
25	.53	13	1945	4.50	114	1962	11.	279	1966
26	1.24	31	1969	1.50	38	1947	9.	229	1966
27	.87	22	1964	T	T	1980	9.	229	1966
28	.86	22	1983	2.00	51	1966	9.	229	1966
29	1.09	28	1958	1.20	30	1976	4.	102	1966
30	.98	25	1969	T	T	1977	4.	102	1966
31	1.91	49	1975	6.30	160	1946	3.	76	1966
MONTH	3.18	81	1986	8.00	203	1966	11.	279	1966

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

PRECIPITATION (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	T	T	T	T	T	T	T	T	T	T	T
1946	.35	.53	1.89	1.93	1.91	1.12	1.48	1.73	2.67	.47	1.12	1.40	2.67
1947	.84	.43	.65	1.26	1.56	1.29	1.18	3.19	.98	.85	3.79	1.19	3.79
1948	2.00	.43	1.19	.74	2.51	.44	1.84	2.46	.79	2.05	PART	1.48	PART
1949	1.64	.71	.97	.49	.80	1.83	1.90	3.26	PART	2.63	1.55	.39	PART
1950	.71	PART	1.08	.61	1.77	.71	.84	2.53	.98	.99	.72	1.03	PART
1951	.56	1.02	.51	.78	.92	1.54	1.14	2.25	1.93	.77	1.00	PART	MISS
1952	PART	.92	1.37	1.26	.69	.75	.93	.69	1.22	.96	PART	.92	PART
1953	.53	1.44	1.09	.55	1.07	.64	.46	3.03	.93	2.17	.97	PART	MISS
1954	1.40	2.09	.76	.98	.98	.08	.87	1.04	.47	.58	.69	.79	2.09
1955	.40	PART	1.21	.74	.77	1.37	1.53	4.96	.97	.52	1.07	.52	PART
1956	.59	.70	.77	1.38	.71	1.13	1.91	.48	.76	1.61	4.22	.88	4.22
1957	.91	.91	.91	.98	1.15	2.39	.65	1.62	1.04	1.76	.91	1.24	2.39
1958	1.68	1.14	1.97	1.29	1.99	1.13	3.04	4.67	1.42	1.21	1.25	1.09	4.67
1959	.47	.58	.67	.78	.35	1.08	2.16	.76	.20	1.28	2.06	1.00	2.16
1960	.52	1.09	.94	1.07	1.57	2.37	4.61	.80	3.89	1.20	.81	1.32	4.61
1961	1.72	1.75	1.07	.66	1.98	1.55	1.04	1.43	.58	3.53	.57	.68	3.53
1962	2.14	.87	.77	.63	.50	PART	.72	.80	1.03	.90	1.50	1.01	PART
1963	.35	.38	.92	.84	.96	3.06	.57	.41	.81	T	2.50	.64	3.06
1964	1.06	1.01	.73	.71	.29	2.38	1.70	.87	1.79	1.59	1.39	.87	2.38
1965	.60	1.08	1.39	.69	.22	1.14	.62	1.85	1.52	.64	.15	.41	1.85
1966	.90	.97	.41	.98	.97	.90	.66	.28	2.36	3.55	.66	.80	3.55
1967	.50	.75	.74	.36	1.95	.56	1.19	1.39	.63	.70	.71	1.06	1.95
1968	1.46	.29	1.45	.53	2.16	.68	.27	.84	1.51	.49	2.12	.84	2.16
1969	.72	1.18	.66	.82	.83	1.00	2.56	5.88	1.66	.52	.48	1.74	5.88
1970	.37	.65	1.06	1.34	.45	1.38	PART	.93	1.69	.78	1.05	.69	PART
1971	.46	1.25	.79	1.34	2.68	.85	.75	2.76	.76	1.53	1.65	.51	2.76
1972	PART	1.21	.88	1.55	1.95	2.64	1.05	1.66	.79	1.66	1.34	.78	PART
1973	.81	1.74	.55	.61	.62	.56	.48	2.65	1.37	1.52	.50	1.11	2.65
1974	.66	.42	1.41	.35	.83	1.35	.28	3.71	1.12	.51	.26	1.66	3.71
1975	1.25	.64	1.81	.79	1.14	1.14	1.91	1.73	2.75	1.61	.92	1.91	2.75
1976	1.73	.56	.90	.67	1.51	.49	1.04	.34	1.79	1.46	.42	.92	1.79
1977	.78	.41	.94	.51	.75	1.67	.73	1.09	2.01	1.97	1.31	1.87	2.01
1978	1.72	.57	2.23	1.44	1.80	.63	1.86	.91	.03	.29	.68	1.30	2.23
1979	1.37	3.06	1.24	.61	1.88	1.64	1.73	3.04	3.21	1.16	1.57	.75	3.21
1980	1.12	.20	2.66	.86	.69	.28	2.33	.46	.91	3.08	.63	.21	3.08
1981	.18	1.12	.50	1.28	1.17	.90	2.77	.41	1.09	.93	.24	.93	2.77
1982	.75	1.15	1.10	1.42	1.00	1.42	1.55	1.12	2.60	1.39	1.21	.67	2.60
1983	.65	1.52	1.73	2.61	1.27	5.91	.29	1.00	2.16	1.64	1.14	2.95	5.91
1984	1.67	1.31	2.10	1.17	4.31	.50	1.53	3.37	.77	2.22	1.31	.70	4.31
1985	.88	1.24	.55	.27	.98	.65	.75	3.09	2.95	1.65	2.75	.22	3.09
1986	1.25	.56	.43	.40	.97	.48	.65	2.11	.60	1.20	.63	3.18	3.18
MEAN	.97	.97	1.07	.91	1.25	1.26	1.31	1.85	1.38	1.32	1.21	1.04	3.13
S.D.	.525	.555	.548	.482	.798	1.018	.898	1.378	.883	.838	.896	.640	1.090
TOT OBS	39	39	42	42	42	41	41	42	41	42	40	40	31

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

PRECIPITATION (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948											1.00		PRECIP
											29		# DAYS
1949									.68				PRECIP
									29				# DAYS
1950		.45											PRECIP
		27											# DAYS
1951												1.15	PRECIP
												29	# DAYS
1952	1.31										2.89		PRECIP
	30										29		# DAYS
1953												.89	PRECIP
												30	# DAYS
1955		.69											PRECIP
		27											# DAYS
1962						.53							PRECIP
						27							# DAYS
1970							1.28						PRECIP
							21						# DAYS
1972	.46												PRECIP
	29												# DAYS

SNOWFALL (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1946	1.5	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	6.3
1947	1.7	.8	7.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	7.0
1948	5.5	3.3	T	.0	.0	.0	.0	.0	.0	.0	.0	T	5.5
1949	PART	PART	T	.0	.0	.0	.0	.0	.0	.0	T	.0	PART
1950	.0	PART	5.0	MISS	MISS	MISS	MISS	MISS	MISS	MISS	.0	MISS	MISS
1951	T	2.0	T	.0	.0	.0	.0	.0	.0	.0	.0	PART	MISS
1952	PART	1.9	T	.0	.0	.0	.0	PART	.0	.0	PART	.0	PART
1953	T	.0	PART	.0	.0	.0	PART	.0	.0	PART	.3	PART	MISS
1954	11.2	T	.0	T	T	.0	.0	.0	.0	.0	.0	1.0	11.2
1955	4.0	PART	.0	.0	.0	.0	.0	.0	.0	.0	T	T	PART
1956	1.4	T	T	T	.0	.0	.0	.0	.0	.0	T	T	1.4
1957	3.9	.5	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.9
1958	4.9	.4	7.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	7.0
1959	2.0	T	T	T	.0	.0	.0	.0	.0	.0	.0	PART	MISS
1960	1.8	5.4	9.4	T	.0	.0	.0	.0	.0	.0	.0	4.0	9.4
1961	5.0	4.0	T	.0	.0	.0	.0	.0	.0	.0	T	.1	5.0
1962	5.3	4.0	2.3	.0	.0	.0	.0	.0	.0	.0	T	6.5	6.5
1963	1.6	1.0	T	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
1964	5.4	7.2	3.0	T	.0	.0	.0	.0	.0	.0	T	.0	7.2
1965	5.2	3.7	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
1966	9.0	2.0	T	T	.0	.0	.0	.0	.0	.0	T	8.0	9.0
1967	5.0	7.5	T	.0	.0	.0	.0	.0	.0	.0	7.1	2.0	7.5
1968	3.0	T	2.3	.0	.0	.0	.0	.0	.0	.0	T	T	3.0
1969	.2	2.8	6.3	.0	.0	.0	.0	.0	.0	.0	T	.6	6.3
1970	2.9	.7	T	.0	.0	.0	PART	.0	.0	.0	.0	.3	PART
1971	1.0	T	7.0	T	.0	.0	.0	.0	.0	.0	.0	T	7.0
1972	PART	5.5	.0	.3	.0	.0	.0	.0	.0	T	T	.0	PART
1973	2.0	T	T	T	.0	.0	.0	.0	.0	.0	.0	1.9	2.0
1974	T	4.2	T	T	.0	.0	.0	.0	.0	.0	.0	T	4.2
1975	3.7	4.0	.5	T	.0	.0	.0	.0	.0	.0	.0	T	4.0
1976	.2	1.2	T	.0	.0	.0	.0	.0	.0	.0	.7	1.8	1.8
1977	6.3	T	T	.0	.0	.0	.0	.0	.0	.0	T	T	6.3
1978	2.9	5.7	6.2	.0	.0	.0	.0	.0	.0	.0	.4	T	6.2
1979	1.6	11.7	.1	.0	.0	.0	.0	.0	.0	.1	.0	T	11.7
1980	4.8	2.0	5.6	.0	.0	.0	T	.0	.0	.0	T	T	5.6
1981	1.8	T	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.0
1982	6.9	6.6	T	T	.0	.0	.0	.0	.0	.0	.0	6.5	6.9
1983	T	14.2	.0	T	.0	.0	.0	.0	.0	.0	T	T	14.2
1984	2.0	.8	T	T	.0	.0	.0	.0	.0	.0	.0	T	2.0
1985	2.8	T	T	T	T	.0	.0	.0	.0	.0	.0	.7	2.8
1986	1.5	3.3	T	T	.0	.0	.0	.0	.0	.0	.0	T	3.3
MEAN	3.1	2.9	1.6	.0	.0	.0	.0	.0	.0	.0	.2	1.4	5.7
S.D.	2.607	3.310	2.740	.047	.000	.000	.000	.000	.000	.016	1.125	2.224	3.091
TOT OBS	38	38	40	40	40	40	38	39	40	39	40	37	32

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

SNOWFALL (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	.6	T											SNOWFALL
	30	27											# DAYS
1950		1.3											SNOWFALL
		27											# DAYS
1951												T	SNOWFALL
												29	# DAYS
1952	T							.0			1.3		SNOWFALL
	30							29			29		# DAYS
1953			4.0				.0			.0		.0	SNOWFALL
			30				30			30		30	# DAYS
1955		2.0											SNOWFALL
		27											# DAYS
1959												.7	SNOWFALL
												30	# DAYS
1970							.0						SNOWFALL
							21						# DAYS
1972	.0												SNOWFALL
	30												# DAYS

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	PART	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART
1950	0.	PART	5.	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS	MISS
1951	T	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART	MISS
1952	PART	2.	0.	PART	0.	0.	0.	PART	0.	0.	PART	0.	PART
1953	PART	PART	PART	0.	0.	0.	PART	0.	0.	PART	2.	PART	MISS
1954	10.	T	0.	T	0.	0.	0.	0.	0.	0.	0.	1.	10.
1955	4.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	PART	MISS
1956	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T
1957	5.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	5.
1958	4.	4.	3.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.
1959	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	T	1.
1960	T	4.	10.	0.	0.	0.	0.	0.	0.	0.	0.	4.	10.
1961	5.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
1962	5.	4.	4.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.
1963	2.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	2.
1964	6.	7.	3.	T	0.	0.	0.	0.	0.	0.	0.	0.	7.
1965	8.	4.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.
1966	27.	31.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	31.
1967	5.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	9.
1968	3.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
1969	T	1.	6.	0.	0.	0.	0.	0.	0.	0.	0.	T	6.
1970	4.	1.	T	0.	0.	0.	PART	0.	0.	0.	0.	T	PART
1971	2.	1.	7.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.
1972	0.	2.	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	2.
1973	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.
1974	0.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1975	4.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
1976	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	T	2.	2.
1977	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1978	2.	8.	6.	0.	0.	0.	0.	0.	0.	0.	T	0.	8.
1979	2.	27.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.
1980	6.	4.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
1981	2.	0.	T	0.	0.	0.	0.	0.	0.	0.	0.	T	2.
1982	10.	7.	T	T	0.	0.	0.	0.	0.	0.	0.	7.	10.
1983	0.	13.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.
1984	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
1985	3.	T	0.	PART	0.	0.	0.	0.	0.	0.	0.	1.	PART
1986	2.	3.	T	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
MEAN	3.8	4.0	1.6	.0	.0	.0	.0	.0	.0	.0	.1	1.4	7.0
S.D.	4.898	6.868	2.671	.000	.000	.000	.000	.000	.000	.000	.333	2.594	6.729
TOT OBS	35	36	37	35	37	37	35	36	37	36	36	34	30

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

25 - EXTREME VALUES

SNOW DEPTH (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1949	0. 30												SNO DEPTH # DAYS
1950		30. 27											SNO DEPTH # DAYS
1951												0. 29	SNO DEPTH # DAYS
1952	T 30			0. 29				0. 29			T 29		SNO DEPTH # DAYS
1953	T 30	0. 27	4. 30				0. 30			0. 30		0. 30	SNO DEPTH # DAYS
1955												0. 30	SNO DEPTH # DAYS
1970							0. 21						SNO DEPTH # DAYS
1985				0. 29									SNO DEPTH # DAYS

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

013721 PATUXENT RIVER. MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948	NW 31\	NW 35\	NW 32\	PART\	WNW 41\	NNE 34\	SW 38\	PART\	NNW 29\	PART\	WNW 35\	NNW 43\	PART
1949	WNW 42\	PART\	PART\	ESE 35\	PART\	PART\	SW 59\	ESE 56\	PART\	NNE 30\	NNW 37\	WNW 37\	PART
1950	NW 40\	PART\	WNW 40\	NW 35\	NW 52\	WNW 36\	WNW 34\	PART\	NW 31\	NW 36\	NNW 43\	S 36\	PART
1951	NW 38\	NW 43\	NW 38\	N 33\	NNW 34\	W 37\	NW 47\	PART\	NW 26\	NW 42\	PART\	PART\	MISS
1952	PART\	NW 38\	NW 40\	N 36\	SW 30\	SW 43\	PART\	W 38\	PART\	PART\	PART\	NW 32\	PART
1953	PART\	WNW 31\	NW 33\	PART\	PART\	PART\	N 34\	PART\	PART\	NW 34\	NW 43\	PART\	MISS
1954	PART\	N 44\	S 42\	PART\	N 40\	NW 61\	NW 62\	WNW 53\	WNW 40\	ESE 96\	PART\	PART\	MISS
1955	NW 53\	NW 54\	SSW 62\	NW 63\	W 44\	PART\	SW 42\	ESE 69\	N 51\	NW 56\	PART\	NNW 46\	PART
1956	PART\	WNW 61\	NNW 52\	NW 54\	NW 52\	NNW 47\	PART\	NW 62\	ENE 55\	N 48\	PART\	PART\	MISS
1957	NW 62\	WNW 38\	PART\	NW 60\	NNW 38\	SSW 60\	PART\	SW 56\	WNW 38\	ESE 69\	NW 48\	SSE 53\	PART
1958	ENE 48\	NNW 49\	PART\	NNW 41\	WNW 42\	NW 60\	W 40\	SW 46\	W 40\	NNW 39\	NNW 55\	PART\	MISS
1959	NW 47\	NW 43\	WNW 47\	NE 37\	NW 31\	WNW 43\	NW 42\	NNE 31\	SE 31\	S 30\	NW 42\	NW 38\	NW 47
1960	WNW 42\	E 61\	WNW 48\	NW 38\	WNW 37\	SW 48\	WSW 40\	NW 43\	NNW 45\	N 35\	SW 31\	NNW 43\	E 61
1961	NNW 44\	WSW 47\	NW 40\	E 43\	WNW 33\	WSW 48\	W 34\	SSW 28\	N 29\	NNE 30\	WNW 34\	SSW 29\	WSW 48
1962	NNW 32\	N 27\	N 35\	W 34\	SSW 32\	SW 30\	NW 35\	SW 24\	SE 23\	W 26\	ESE 36\	NW 39\	NW 39
1963	NW 39\	NW 31\	W 34\	SW 41\	NW 28\	NNE 32\	W 27\	NW 31\	S 31\	NW 27\	NW 35\	NW 30\	SW 41
1964	W 34\	W 41\	SW 45\	WSW 35\	WNW 26\	W 51\	E 40\	E 34\	NNE 39\	WNW 31\	SE 33\	NW 39\	W 51
1965	NW 42\	NW 43\	SW 36\	NW 38\	SSW 43\	W 38\	NNW 32\	NW 49\	NW 26\	SE 43\	W 40\	WNW 30\	NW 49
1966	W 41\	SE 32\	W 37\	WSW 30\	W 33\	WNW 28\	W 35\	SW 34\	ESE 29\	NW 28\	S 32\	WNW 33\	W 41
1967	W 33\	SSW 37\	NW 46\	NW 44\	WSW 44\	SW 25\	NW 32\	SW 36\	N 35\	WSW 42\	NW 40\	WSW 40\	NW 46
1968	NNW 35\	NW 36\	NW 43\	NW 36\	WNW 36\	S 38\	NNW 29\	E 47\	S 29\	NW 29\	PART\	PART\	MISS
1969	W 30\	NW 42\	NW 35\	N 34\	SSW 37\	WSW 40\	NNW 32\	SSW 39\	S 25\	WNW 29\	NNW 42\	NW 38\	NW 42
1970	NW 42\	NW 37\	N 26\	W 44\	NW 28\	SW 30\	PART\	NW 29\	W 40\	PART\	PART\	NW 38\	PART
1971	W 43\	UNK 42\	PART\	ESE 36\	UNK 77\	ENE 49\	UNK 34\	UNK 29\	UNK 24\	UNK 28\	UNK 34\	UNK 44\	PART
1972	UNK 34\	UNK 42\	UNK 35\	UNK 28\	ENE 25\	ESE 37\	PART\	UNK 24\	UNK 28\	ENE 30\	UNK 42\	UNK 31\	PART
1973	UNK 33\	UNK 36\	UNK 42\	UNK 32\	E 28\	UNK 23\	UNK 23\	UNK 23\	UNK 30\	UNK 30\	UNK 36\	UNK 36\	UNK 42
1974	UNK 29\	UNK 36\	UNK 43\	UNK 36\	ENE 31\	ENE 29\	UNK 36\	UNK 27\	E 34\	E 27\	UNK 32\	UNK 49\	UNK 49
1975	UNK 40\	PART\	UNK 37\	PART\	UNK 30\	UNK 40\	UNK 31\	UNK 33\	UNK 31\	UNK 25\	UNK 29\	UNK 31\	PART
1976	ENE 32\	UNK 41\	UNK 37\	UNK 27\	UNK 29\	UNK 23\	UNK 39\	ENE 18\	E 16\	UNK 25\	UNK 28\	UNK 38\	UNK 41
1977	UNK 41\	UNK 35\	UNK 40\	ENE 39\	UNK 42\	UNK 40\	UNK 53\	UNK 54\	UNK 40\	UNK 36\	UNK 39\	UNK 38\	UNK 54
1978	UNK 60\	UNK 39\	UNK 37\	UNK 43\	UNK 28\	UNK 52\	UNK 38\	NNW 32\	UNK 26\	ENE 28\	UNK 28\	UNK 43\	UNK 60
1979	UNK 37\	UNK 43\	ENE 30\	UNK 35\	UNK 32\	NE 28\	UNK 31\	UNK 33\	UNK 58\	UNK 32\	UNK 48\	ESE 36\	UNK 58
1980	UNK 29\	E 34\	UNK 47\	UNK 32\	UNK 30\	E 40\	UNK 65\	ENE 54\	E 27\	ENE 36\	ESE 35\	UNK 38\	UNK 65
1981	ESE 31\	UNK 37\	UNK 38\	UNK 47\	UNK 31\	UNK 47\	UNK 30\	NE 31\	ENE 25\	UNK 26\	UNK 31\	ENE 35\	UNK 47
1982	ENE 40\	NE 29\	E 30\	UNK 51\	UNK 29\	N 27\	UNK 32\	UNK 30\	UNK 31\	UNK 37\	E 31\	UNK 27\	UNK 51
1983	UNK 32\	UNK 38\	UNK 33\	UNK 34\	UNK 42\	NE 25\	UNK 28\	ENE 34\	UNK 31\	UNK 25\	ENE 35\	E 41\	UNK 42
1984	E 26\	UNK 34\	UNK 44\	UNK 35\	UNK 46\	UNK 29\	UNK 30\	ENE 22\	ENE 29\	UNK 25\	UNK 32\	UNK 30\	UNK 46
1985	UNK 48\	UNK 41\	UNK 44\	UNK 34\	ESE 33\	E 26\	UNK 38\	UNK 39\	E 48\	E 23\	UNK 40\	UNK 35\	UNK 48
1986	UNK 35\	UNK 22\	ESE 44\	ENE 29\	UNK 32\	N 40\	UNK 44\	UNK 31\	UNK 28\	UNK 25\	E 44\	UNK 34\	ESE 44
MEAN	39.0	39.4	39.8	38.5	36.4	38.4	37.8	37.7	33.3	34.9	37.2	37.3	48.3
S.D.	8.338	8.129	6.971	8.287	9.799	10.702	9.716	12.445	9.266	14.118	6.357	5.912	7.126
TOT OBS	35	36	35	35	37	36	34	35	36	36	32	33	23

DAILY PEAK GUST (KNOTS)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 —

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1948				NW 37				NW 28		NNE 38			PEAK GUST
				25				29		30			# DAYS
1949	WNW 42	WNW 43		NW 42	ESE 35				NW 30				PEAK GUST
	27	30		30	29				29				# DAYS
1950	NW 43						NW 41						PEAK GUST
	26						28						# DAYS
1951							NW 45			SSE 36	WNW 36		PEAK GUST
							30			25	25		# DAYS
1952	NW 35						NW 30		S 50	NW 40	SE 39		PEAK GUST
	29						30		29	29	29		# DAYS
1953	VAR 38		WNW 36	WNW 38	NW 48		N 42	WNW 40			NW 42		PEAK GUST
	30		28	29	29		30	29			30		# DAYS
1954	NW 42		NW 40							WNW 40	N 42		PEAK GUST
	30		29							29	30		# DAYS
1955					ESE 54					NW 47			PEAK GUST
					29					29			# DAYS
1956	WNW 55					NW 60				NW 51	NW 49		PEAK GUST
	30					30				29	30		# DAYS
1957		WNW 46				NW 33							PEAK GUST
		30				30							# DAYS
1958			N 57								NNE 37		PEAK GUST
			30								26		# DAYS
1968										NNE 39	W 40		PEAK GUST
										27	30		# DAYS
1970						NE 33			NW 28	NW 33			PEAK GUST
						21			29	27			# DAYS
1971		UNK 40											PEAK GUST
		30											# DAYS
1972						UNK 26							PEAK GUST
						30							# DAYS
1975	NE 37		UNK 47										PEAK GUST
	27		29										# DAYS

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :JAN

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	38.3	3.5	45.5	7.5	67.0	19.4	1966.	31.1	-.5	16.0	-8.9	1977.
2	37.3	2.9	44.5	6.9	65.0	18.3	1985.	30.1	-1.0	14.0	-10.0	1968.
3	38.2	3.4	45.6	7.5	66.0	18.9	1951.	30.8	-.7	12.0	-11.1	1979.
4	37.5	3.1	44.6	7.0	72.0	22.2	1950.	30.5	-.9	12.0	-11.1	1981.
5	36.3	2.4	43.4	6.3	74.0	23.3	1950.	29.2	-1.6	10.0	-12.2	1969.
6	37.8	3.2	45.1	7.3	71.0	21.7	1950.	30.5	-.8	11.0	-11.7	1959.
7	37.8	3.2	44.9	7.2	66.0	18.9	1950.+	30.7	-.7	15.0	-9.4	1977.+
8	34.8	1.6	41.5	5.3	64.0	17.8	1965.	28.2	-2.1	5.0	-15.0	1970.
9	35.1	1.7	42.4	5.8	67.0	19.4	1969.	27.9	-2.3	5.0	-15.0	1970.
10	35.5	2.0	42.5	5.9	70.0	21.1	1950.	28.5	-1.9	4.0	-15.6	1970.
11	34.6	1.4	41.1	5.1	68.0	20.0	1975.	28.1	-2.2	6.0	-14.4	1982.
12	33.4	.8	40.7	4.8	60.0	15.6	1986.+	26.1	-3.3	9.0	-12.8	1968.
13	34.3	1.3	41.3	5.2	66.0	18.9	1972.	27.3	-2.6	7.0	-13.9	1981.
14	36.0	2.2	43.2	6.2	70.0	21.1	1950.	28.9	-1.7	14.0	-10.0	1964.
15	35.7	2.0	42.7	5.9	74.0	23.3	1952.	28.7	-1.8	10.0	-12.2	1982.
16	34.0	1.1	41.7	5.4	72.0	22.2	1953.	26.4	-3.1	2.0	-16.7	1977.
17	33.0	.5	40.6	4.8	64.0	17.8	1949.	25.3	-3.7	-3.0	-19.4	1977.+
18	34.6	1.5	42.2	5.7	68.0	20.0	1986.	27.1	-2.7	-1.0	-18.3	1977.
19	35.4	1.9	42.7	5.9	69.0	20.6	1951.	28.1	-2.2	6.0	-14.4	1977.
20	35.4	1.9	42.7	6.0	71.0	21.7	1951.	28.0	-2.2	-1.0	-18.3	1985.
21	35.8	2.1	43.9	6.6	69.0	20.6	1959.	27.6	-2.5	-2.0	-18.9	1985.
22	36.5	2.5	44.5	7.0	69.0	20.6	1986.	28.5	-1.9	5.0	-15.0	1984.
23	36.9	2.7	45.0	7.2	75.0	23.9	1974.	28.9	-1.7	15.0	-9.4	1977.
24	36.6	2.5	44.0	6.7	72.0	22.2	1950.	29.1	-1.6	9.0	-12.8	1963.
25	38.7	3.7	46.5	8.1	77.0	25.0	1950.	30.8	-.7	12.0	-11.1	1961.
26	39.4	4.1	47.6	8.7	78.0	25.6	1950.	31.2	-.4	13.0	-10.6	1982.
27	37.7	3.2	46.0	7.8	75.0	23.9	1974.	29.3	-1.5	12.0	-11.1	1982.+
28	35.6	2.0	43.2	6.2	72.0	22.2	1949.	27.9	-2.3	12.0	-11.1	1986.+
29	35.2	1.8	43.3	6.3	74.0	23.3	1975.	27.1	-2.7	4.0	-15.6	1977.
30	35.7	2.1	43.4	6.3	72.0	22.2	1947.	28.0	-2.2	10.0	-12.2	1977.
31	34.1	1.2	41.3	5.2	70.0	21.1	1947.	26.9	-2.8	10.0	-12.2	1948.
MONTH	36.0	2.2	43.5	6.4	78.0	25.6	1950.	28.6	-1.9	-3.0	-19.4	1977.+

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :FEB

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	35.4	1.9	42.8	6.0	62.0	16.7	1982.	28.0	-2.2	9.0	-12.8	1965.
2	36.0	2.2	43.0	6.1	70.0	21.1	1967.	29.0	-1.7	9.0	-12.8	1971.
3	34.1	1.2	41.3	5.2	58.0	14.4	1983.+	27.0	-2.8	12.0	-11.1	1965.
4	34.5	1.4	42.2	5.7	62.0	16.7	1976.	26.7	-2.9	12.0	-11.1	1981.+
5	34.7	1.5	41.9	5.5	62.0	16.7	1964.	27.4	-2.5	8.0	-13.3	1947.
6	36.7	2.6	44.3	6.9	60.0	15.6	1960.	29.0	-1.6	11.0	-11.7	1977.
7	35.9	2.2	42.9	6.1	58.0	14.4	1965.+	28.9	-1.7	11.0	-11.7	1977.
8	34.2	1.2	41.3	5.2	66.0	18.9	1965.	27.0	-2.8	11.0	-11.7	1977.
9	35.0	1.7	42.4	5.8	66.0	18.9	1949.	27.6	-2.5	14.0	-10.0	1977.+
10	36.0	2.2	43.9	6.6	70.0	21.1	1959.	28.0	-2.2	9.0	-12.8	1979.
11	36.5	2.5	45.0	7.2	66.0	18.9	1977.+	28.0	-2.2	7.0	-13.9	1979.
12	35.0	1.7	42.5	5.8	65.0	18.3	1965.	27.6	-2.4	9.0	-12.8	1979.
13	36.8	2.7	44.4	6.9	71.0	21.7	1949.	29.2	-1.5	11.0	-11.7	1979.
14	38.0	3.3	47.3	8.5	68.0	20.0	1946.	28.7	-1.8	10.0	-12.2	1979.
15	39.1	3.9	46.9	8.3	76.0	24.4	1954.	31.3	-.4	18.0	-7.8	1969.+
16	38.6	3.7	46.4	8.0	76.0	24.4	1976.+	30.8	-.7	13.0	-10.6	1963.
17	38.3	3.5	45.6	7.5	80.0	26.7	1976.	31.1	-.5	7.0	-13.9	1958.
18	38.6	3.7	46.8	8.2	77.0	25.0	1976.	30.4	-.9	6.0	-14.4	1979.
19	40.0	4.4	48.0	8.9	72.0	22.2	1961.	31.9	-.1	14.0	-10.0	1979.
20	38.3	3.5	46.1	7.8	68.0	20.0	1971.	30.5	-.9	6.0	-14.4	1979.
21	38.4	3.6	46.8	8.2	67.0	19.4	1953.	30.0	-1.1	10.0	-12.2	1968.
22	40.1	4.5	48.6	9.2	71.0	21.7	1985.	31.5	-.3	10.0	-12.2	1963.
23	40.1	4.5	48.1	9.0	75.0	23.9	1985.	32.0	.0	15.0	-9.4	1963.
24	41.1	5.0	49.6	9.8	81.0	27.2	1985.	32.6	.3	18.0	-7.8	1947.
25	41.5	5.3	49.7	9.8	74.0	23.3	1977.	33.4	.8	12.0	-11.1	1967.
26	40.4	4.7	48.0	8.9	72.0	22.2	1946.	32.8	.5	10.0	-12.2	1970.
27	40.7	4.9	49.2	9.6	74.0	23.3	1977.+	32.2	.1	14.0	-10.0	1963.
28	42.0	5.5	51.2	10.7	78.0	25.6	1948.	32.7	.4	21.0	-6.1	1950.
MONTH	37.7	3.2	45.6	7.5	81.0	27.2	1985.	29.8	-1.2	6.0	-14.4	1979.+

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :MAR

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	40.2	4.5	47.8	8.8	78.0	25.6	1976.+	32.5	.3	13.0	-10.6	1980.
2	41.2	5.1	49.5	9.7	80.0	26.7	1972.	32.9	.5	15.0	-9.4	1980.
3	41.3	5.2	49.0	9.4	73.0	22.8	1967.	33.6	.9	17.0	-8.3	1980.+
4	42.4	5.8	50.5	10.3	82.0	27.8	1983.	34.4	1.3	20.0	-6.7	1980.+
5	44.7	7.0	53.2	11.8	81.0	27.2	1976.	36.2	2.3	17.0	-8.3	1978.
6	44.3	6.8	52.7	11.5	82.0	27.8	1961.	35.8	2.1	20.0	-6.7	1960.+
7	42.4	5.8	50.4	10.2	74.0	23.3	1946.	34.4	1.3	19.0	-7.2	1986.
8	41.9	5.5	50.1	10.1	70.0	21.1	1980.+	33.6	.9	15.0	-9.4	1986.
9	41.8	5.5	50.5	10.3	80.0	26.7	1964.	33.2	.7	19.0	-7.2	1960.
10	44.3	6.8	52.5	11.4	78.0	25.6	1964.	36.0	2.2	22.0	-5.6	1984.
11	44.1	6.7	52.6	11.4	79.0	26.1	1967.	35.6	2.0	16.0	-8.9	1960.
12	44.4	6.9	52.5	11.4	76.0	24.4	1973.	36.3	2.4	21.0	-6.1	1969.+
13	45.0	7.2	53.6	12.0	73.0	22.8	1982.+	36.5	2.5	21.0	-6.1	1960.
14	45.8	7.7	54.4	12.5	77.0	25.0	1967.	37.3	2.9	21.0	-6.1	1968.
15	46.2	7.9	55.4	13.0	77.0	25.0	1973.	37.1	2.8	23.0	-5.0	1970.
16	45.2	7.3	53.5	11.9	85.0	29.4	1945.	36.9	2.7	24.0	-4.4	1979.+
17	44.5	6.9	52.6	11.4	80.0	26.7	1945.	36.4	2.4	24.0	-4.4	1981.+
18	43.2	6.2	50.3	10.1	68.0	20.0	1966.	36.2	2.4	20.0	-6.7	1967.
19	45.4	7.4	53.2	11.8	83.0	28.3	1945.	37.5	3.1	15.0	-9.4	1967.
20	46.3	8.0	54.4	12.4	83.0	28.3	1945.	38.3	3.5	25.0	-3.9	1981.+
21	47.5	8.6	56.3	13.5	85.0	29.4	1948.	38.7	3.7	19.0	-7.2	1965.
22	46.7	8.2	55.0	12.8	84.0	28.9	1948.	38.4	3.6	27.0	-2.8	1986.
23	46.7	8.2	56.0	13.3	70.0	21.1	1965.+	37.5	3.1	24.0	-4.4	1986.
24	47.5	8.6	56.5	13.6	68.0	20.0	1955.	38.6	3.7	28.0	-2.2	1971.
25	46.4	8.0	54.3	12.4	72.0	22.2	1963.	38.6	3.7	26.0	-3.3	1956.
26	47.6	8.7	56.5	13.6	78.0	25.6	1964.	38.7	3.7	27.0	-2.8	1974.
27	48.4	9.1	56.9	13.8	82.0	27.8	1949.	40.0	4.4	24.0	-4.4	1955.
28	49.2	9.6	57.6	14.2	84.0	28.9	1985.	40.9	4.9	25.0	-3.9	1982.
29	51.6	10.9	61.2	16.2	86.0	30.0	1985.	41.9	5.5	27.0	-2.8	1982.+
30	51.0	10.5	58.8	14.9	83.0	28.3	1977.	43.2	6.2	32.0	.0	1970.+
31	49.6	9.8	57.6	14.2	84.0	28.9	1979.	41.6	5.3	26.0	-3.3	1964.
MONTH	45.4	7.4	53.7	12.1	86.0	30.0	1985.	37.1	2.8	13.0	-10.6	1980.

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :APR

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	51.0	10.6	60.4	15.8	86.0	30.0	1978.	41.6	5.4	28.0	-2.2	1969.
2	54.1	12.3	64.3	17.9	84.0	28.9	1969.	43.9	6.6	32.0	.0	1964.
3	53.7	12.1	63.5	17.5	90.0	32.2	1967.	44.0	6.7	31.0	-.6	1961.
4	52.4	11.3	60.9	16.0	84.0	28.9	1956.	43.9	6.6	29.0	-1.7	1954.
5	52.6	11.4	61.7	16.5	83.0	28.3	1985.	43.5	6.4	31.0	-.6	1975.
6	51.5	10.8	59.5	15.3	84.0	28.9	1947.	43.6	6.4	29.0	-1.7	1982.
7	50.9	10.5	59.6	15.3	78.0	25.6	1947.	42.2	5.7	27.0	-2.8	1982.
8	52.4	11.3	61.4	16.3	86.0	30.0	1954.	43.5	6.4	30.0	-1.1	1982.+
9	51.1	10.6	59.6	15.3	87.0	30.6	1959.	42.5	5.9	31.0	-.6	1982.+
10	51.0	10.6	59.4	15.2	81.0	27.2	1969.+	42.7	5.9	29.0	-1.7	1985.
11	52.8	11.6	62.0	16.6	83.0	28.3	1978.	43.7	6.5	33.0	.6	1960.
12	53.7	12.1	62.7	17.0	85.0	29.4	1965.	44.8	7.1	32.0	.0	1982.
13	53.1	11.7	61.5	16.4	83.0	28.3	1977.	44.7	7.1	31.0	-.6	1950.
14	55.0	12.8	63.5	17.5	87.0	30.6	1960.	46.5	8.1	26.0	-3.3	1950.
15	55.3	12.9	63.7	17.6	88.0	31.1	1967.	46.9	8.3	32.0	.0	1950.
16	54.9	12.7	63.7	17.6	84.0	28.9	1976.	46.0	7.8	35.0	1.7	1950.
17	55.7	13.2	64.6	18.1	87.0	30.6	1976.	46.8	8.2	31.0	-.6	1980.
18	57.6	14.2	67.6	19.8	90.0	32.2	1964.	47.5	8.6	34.0	1.1	1951.
19	58.6	14.8	68.1	20.0	92.0	33.3	1985.	49.2	9.6	36.0	2.2	1983.+
20	57.4	14.1	66.4	19.1	88.0	31.1	1985.	48.4	9.1	32.0	.0	1953.
21	57.5	14.2	67.0	19.5	84.0	28.9	1957.	47.9	8.8	34.0	1.1	1956.
22	58.6	14.8	67.6	19.8	89.0	31.7	1985.+	49.5	9.7	36.0	2.2	1953.
23	59.6	15.3	68.5	20.3	87.0	30.6	1952.	50.7	10.4	35.0	1.7	1986.
24	59.2	15.1	67.9	20.0	84.0	28.9	1960.+	50.5	10.3	37.0	2.8	1956.
25	58.8	14.9	67.3	19.6	91.0	32.8	1960.	50.3	10.2	37.0	2.8	1956.
26	58.8	14.9	67.7	19.8	84.0	28.9	1985.+	50.0	10.0	41.0	5.0	1978.
27	58.3	14.6	66.3	19.0	91.0	32.8	1969.	50.3	10.1	40.0	4.4	1978.
28	57.5	14.2	65.5	18.6	88.0	31.1	1983.	49.6	9.8	38.0	3.3	1946.
29	58.4	14.7	66.3	19.0	91.0	32.8	1974.	50.5	10.3	38.0	3.3	1982.
30	59.5	15.3	68.1	20.0	85.0	29.4	1974.	51.0	10.6	42.0	5.6	1961.
MONTH	55.4	13.0	64.2	17.9	92.0	33.3	1985.	46.5	8.1	26.0	-3.3	1950.

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THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :MAY

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	60.9	16.1	69.1	20.6	91.0	32.8	1986.	52.6	11.5	44.0	6.7	1978.+
2	60.6	15.9	68.7	20.4	87.0	30.6	1973.	52.5	11.4	40.0	4.4	1978.
3	60.7	15.9	69.3	20.7	86.0	30.0	1973.+	52.1	11.2	42.0	5.6	1966.
4	60.0	15.6	68.8	20.4	86.0	30.0	1965.	51.2	10.7	38.0	3.3	1986.
5	60.8	16.0	70.2	21.2	87.0	30.6	1980.+	51.4	10.8	44.0	6.7	1966.+
6	62.3	16.8	71.4	21.9	89.0	31.7	1986.+	53.3	11.8	44.0	6.7	1968.
7	62.0	16.6	70.3	21.3	92.0	33.3	1986.	53.6	12.0	41.0	5.0	1970.
8	62.0	16.7	71.0	21.7	91.0	32.8	1963.	53.0	11.7	40.0	4.4	1947.
9	61.6	16.4	71.0	21.6	94.0	34.4	1964.+	52.2	11.2	39.0	3.9	1977.+
10	63.2	17.3	72.3	22.4	93.0	33.9	1963.	54.0	12.2	36.0	2.2	1966.
11	64.2	17.9	72.7	22.6	85.0	29.4	1985.+	55.6	13.1	40.0	4.4	1966.
12	64.4	18.0	72.9	22.7	90.0	32.2	1959.	55.8	13.2	44.0	6.7	1969.
13	64.5	18.0	72.9	22.7	91.0	32.8	1956.	56.0	13.4	45.0	7.2	1981.
14	63.6	17.5	71.9	22.2	93.0	33.9	1956.	55.2	12.9	47.0	8.3	1960.
15	64.5	18.0	72.6	22.6	89.0	31.7	1983.+	56.3	13.5	46.0	7.8	1984.
16	63.7	17.6	72.0	22.2	86.0	30.0	1945.	55.5	13.0	45.0	7.2	1959.
17	65.1	18.4	73.8	23.2	90.0	32.2	1974.	56.3	13.5	43.0	6.1	1967.
18	65.5	18.6	74.1	23.4	89.0	31.7	1986.+	56.9	13.8	43.0	6.1	1983.+
19	66.6	19.2	75.3	24.0	90.0	32.2	1984.+	57.9	14.4	44.0	6.7	1976.
20	66.8	19.3	74.5	23.6	88.0	31.1	1947.	59.0	15.0	48.0	8.9	1950.
21	66.8	19.3	74.3	23.5	85.0	29.4	1962.	59.3	15.2	45.0	7.2	1950.
22	67.3	19.6	75.7	24.3	91.0	32.8	1984.	58.8	14.9	48.0	8.9	1967.
23	68.3	20.2	76.7	24.8	94.0	34.4	1964.	59.9	15.5	49.0	9.4	1967.
24	66.8	19.4	74.8	23.8	94.0	34.4	1964.	58.9	15.0	47.0	8.3	1963.
25	67.5	19.7	75.4	24.1	90.0	32.2	1981.	59.6	15.3	47.0	8.3	1956.
26	67.4	19.7	75.3	24.0	91.0	32.8	1965.+	59.5	15.3	48.0	8.9	1967.
27	66.9	19.4	74.8	23.8	97.0	36.1	1965.	58.9	14.9	48.0	8.9	1976.+
28	67.3	19.6	74.9	23.8	87.0	30.6	1985.+	59.7	15.4	48.0	8.9	1961.
29	67.8	19.9	75.2	24.0	93.0	33.9	1969.	60.5	15.8	51.0	10.6	1946.
30	67.8	19.9	75.0	23.9	92.0	33.3	1969.	60.5	15.9	49.0	9.4	1985.
31	68.7	20.4	76.2	24.5	91.0	32.8	1956.	61.2	16.2	47.0	8.3	1967.
MONTH	64.7	18.2	73.0	22.8	97.0	36.1	1965.	56.4	13.5	36.0	2.2	1966.

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29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — MONTH :JUN

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	69.6	20.9	77.8	25.4	91.0	32.8	1986.	61.3	16.3	45.0	7.2	1967.
2	70.0	21.1	78.3	25.7	94.0	34.4	1951.	61.7	16.5	48.0	8.9	1953.
3	68.9	20.5	76.7	24.8	89.0	31.7	1980.	61.1	16.2	52.0	11.1	1986.+
4	68.8	20.5	76.8	24.9	90.0	32.2	1981.	60.9	16.0	53.0	11.7	1976.
5	70.1	21.2	78.5	25.8	89.0	31.7	1953.	61.6	16.5	50.0	10.0	1945.
6	71.3	21.8	79.6	26.5	92.0	33.3	1952.	62.9	17.2	51.0	10.6	1945.
7	71.9	22.2	80.0	26.7	94.0	34.4	1980.	63.8	17.7	54.0	12.2	1945.
8	71.9	22.2	80.3	26.8	94.0	34.4	1986.	63.6	17.5	51.0	10.6	1977.
9	72.4	22.5	80.7	27.1	95.0	35.0	1952.	64.2	17.9	53.0	11.7	1980.
10	72.8	22.7	81.3	27.4	101.0	38.3	1964.	64.3	17.9	54.0	12.2	1972.
11	72.8	22.7	81.2	27.4	91.0	32.8	1986.+	64.4	18.0	50.0	10.0	1972.
12	73.5	23.1	82.0	27.8	98.0	36.7	1986.	65.0	18.4	53.0	11.7	1979.
13	73.0	22.8	80.9	27.2	94.0	34.4	1984.	65.1	18.4	53.0	11.7	1980.
14	72.6	22.6	80.6	27.0	93.0	33.9	1964.	64.6	18.1	52.0	11.1	1979.
15	72.9	22.7	80.9	27.2	99.0	37.2	1964.	64.8	18.2	55.0	12.8	1985.+
16	72.8	22.7	80.6	27.0	95.0	35.0	1981.	65.1	18.4	54.0	12.2	1965.
17	72.0	22.2	79.5	26.4	94.0	34.4	1952.	64.5	18.0	53.0	11.7	1959.
18	72.5	22.5	80.2	26.8	95.0	35.0	1957.	64.8	18.2	55.0	12.8	1965.
19	73.4	23.0	81.7	27.6	96.0	35.6	1952.	65.2	18.4	56.0	13.3	1980.+
20	73.5	23.1	81.0	27.2	97.0	36.1	1964.	66.1	18.9	56.0	13.3	1979.
21	73.9	23.3	81.6	27.6	90.0	32.2	1964.+	66.1	19.0	56.0	13.3	1979.
22	74.4	23.5	82.3	27.9	95.0	35.0	1981.	66.5	19.2	56.0	13.3	1963.
23	75.1	23.9	83.1	28.4	93.0	33.9	1969.	67.1	19.5	56.0	13.3	1947.
24	76.1	24.5	84.7	29.3	95.0	35.0	1950.+	67.6	19.8	55.0	12.8	1972.
25	76.3	24.6	84.5	29.2	95.0	35.0	1981.+	68.0	20.0	57.0	13.9	1979.
26	75.5	24.2	83.6	28.7	99.0	37.2	1952.	67.5	19.7	53.0	11.7	1979.
27	76.3	24.6	85.0	29.4	97.0	36.1	1952.	67.7	19.9	53.0	11.7	1979.
28	76.2	24.6	84.3	29.1	98.0	36.7	1969.	68.1	20.1	53.0	11.7	1985.
29	76.7	24.9	85.2	29.6	99.0	37.2	1959.	68.3	20.2	58.0	14.4	1974.
30	77.5	25.3	85.6	29.8	97.0	36.1	1945.	69.4	20.8	62.0	16.7	1981.+
MONTH	73.2	22.9	81.3	27.4	101.0	38.3	1964.	65.0	18.4	45.0	7.2	1967.

NOTES :
T = TRACE AMOUNTS (<.01, OR <.5, OR < 1.0 INCHES)
+ = VALUE OCCURRED IN PREVIOUS YEAR(S).
THIS SYMBOL OMITTED FOR SNOWFALL AND SNOW DEPTH AMOUNTS = 0.0

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :JUL

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	77.7	25.4	85.3	29.6	96.0	35.6	1953.	70.1	21.2	62.0	16.7	1972.+
2	77.3	25.2	85.7	29.8	100.0	37.8	1953.	68.9	20.5	55.0	12.8	1952.
3	77.9	25.5	86.4	30.2	100.0	37.8	1954.	69.5	20.8	62.0	16.7	1978.+
4	76.7	24.8	84.7	29.3	99.0	37.2	1970.	68.6	20.4	58.0	14.4	1967.
5	77.1	25.1	85.4	29.7	97.0	36.1	1980.	68.8	20.4	58.0	14.4	1967.
6	76.4	24.7	84.2	29.0	96.0	35.6	1986.	68.6	20.3	57.0	13.9	1979.
7	76.3	24.6	84.1	29.0	96.0	35.6	1986.	68.5	20.3	58.0	14.4	1972.
8	76.6	24.8	84.4	29.1	96.0	35.6	1982.	68.7	20.4	56.0	13.3	1972.
9	76.8	24.9	84.5	29.2	96.0	35.6	1986.	69.1	20.6	58.0	14.4	1984.
10	76.7	24.8	84.2	29.0	95.0	35.0	1966.	69.1	20.6	59.0	15.0	1963.
11	76.3	24.6	83.6	28.7	97.0	36.1	1966.	69.0	20.5	59.0	15.0	1963.
12	76.8	24.9	84.7	29.3	98.0	36.7	1986.	68.9	20.5	60.0	15.6	1978.+
13	77.7	25.4	85.6	29.8	99.0	37.2	1986.	69.7	21.0	57.0	13.9	1978.
14	78.3	25.7	85.9	29.9	95.0	35.0	1986.+	70.7	21.5	62.0	16.7	1963.
15	78.0	25.5	85.5	29.7	97.0	36.1	1983.	70.5	21.4	64.0	17.8	1976.
16	78.3	25.7	85.4	29.7	101.0	38.3	1980.	71.2	21.8	64.0	17.8	1967.
17	78.4	25.8	86.0	30.0	103.0	39.4	1980.	70.8	21.5	61.0	16.1	1946.
18	78.7	26.0	86.6	30.3	96.0	35.6	1986.+	70.9	21.6	64.0	17.8	1976.+
19	79.3	26.3	87.3	30.7	95.0	35.0	1963.+	71.2	21.8	63.0	17.2	1985.+
20	79.0	26.1	86.3	30.1	99.0	37.2	1980.	71.6	22.0	62.0	16.7	1984.
21	78.7	25.9	86.4	30.2	98.0	36.7	1980.+	71.0	21.7	61.0	16.1	1965.
22	78.8	26.0	86.3	30.2	98.0	36.7	1952.	71.2	21.8	62.0	16.7	1965.
23	78.3	25.7	85.7	29.9	100.0	37.8	1952.	71.0	21.6	61.0	16.1	1947.
24	77.9	25.5	85.5	29.7	99.0	37.2	1968.	70.3	21.3	60.0	15.6	1985.+
25	77.8	25.4	85.2	29.6	95.0	35.0	1965.	70.4	21.3	62.0	16.7	1947.
26	78.1	25.6	85.3	29.6	96.0	35.6	1982.+	70.8	21.6	61.0	16.1	1976.
27	78.7	25.9	86.3	30.2	96.0	35.6	1963.	71.1	21.7	62.0	16.7	1962.
28	79.4	26.3	87.0	30.6	98.0	36.7	1966.	71.8	22.1	57.0	13.9	1977.
29	77.9	25.5	84.9	29.4	95.0	35.0	1986.	70.8	21.6	64.0	17.8	1984.+
30	77.6	25.3	85.1	29.5	99.0	37.2	1953.	70.0	21.1	62.0	16.7	1981.
31	78.7	25.9	86.1	30.1	98.0	36.7	1954.	71.3	21.8	61.0	16.1	1956.
MONTH	77.8	25.4	85.5	29.7	103.0	39.4	1980.	70.1	21.2	55.0	12.8	1952.

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :AUG

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	78.5	25.9	86.3	30.2	98.0	36.7	1983.	70.8	21.5	62.0	16.7	1981.
2	78.0	25.5	85.5	29.7	96.0	35.6	1955.	70.5	21.4	63.0	17.2	1981.
3	77.6	25.4	85.1	29.5	97.0	36.1	1980.	70.2	21.2	59.0	15.0	1985.
4	77.4	25.2	84.6	29.2	97.0	36.1	1963.	70.2	21.2	60.0	15.6	1976.
5	76.7	24.9	84.1	29.0	96.0	35.6	1977.	69.3	20.7	60.0	15.6	1985.+
6	76.7	24.9	84.2	29.0	97.0	36.1	1977.+	69.3	20.7	59.0	15.0	1951.
7	77.4	25.2	84.7	29.3	97.0	36.1	1977.	70.1	21.2	61.0	16.1	1948.
8	77.8	25.5	85.1	29.5	95.0	35.0	1980.	70.5	21.4	62.0	16.7	1950.
9	78.3	25.7	86.0	30.0	97.0	36.1	1983.	70.7	21.5	60.0	15.6	1964.
10	78.5	25.8	86.1	30.1	96.0	35.6	1986.	70.9	21.6	63.0	17.2	1976.+
11	77.8	25.5	85.3	29.6	98.0	36.7	1983.	70.4	21.3	59.0	15.0	1972.
12	76.1	24.5	83.8	28.8	96.0	35.6	1977.	68.5	20.3	57.0	13.9	1974.
13	76.1	24.5	83.2	28.4	91.0	32.8	1975.+	69.0	20.6	59.0	15.0	1982.
14	77.2	25.1	84.6	29.2	99.0	37.2	1985.	69.7	20.9	60.0	15.6	1964.
15	77.6	25.3	85.2	29.6	99.0	37.2	1985.	70.0	21.1	57.0	13.9	1983.
16	77.5	25.3	85.0	29.4	97.0	36.1	1966.	70.0	21.1	59.0	15.0	1979.
17	76.8	24.9	84.2	29.0	97.0	36.1	1968.	69.5	20.8	59.0	15.0	1979.
18	76.1	24.5	82.7	28.2	95.0	35.0	1966.	69.5	20.9	62.0	16.7	1981.
19	76.2	24.5	83.0	28.3	95.0	35.0	1966.+	69.4	20.8	61.0	16.1	1953.
20	76.4	24.7	83.7	28.7	103.0	39.4	1983.	69.1	20.6	61.0	16.1	1976.
21	75.4	24.1	82.1	27.9	96.0	35.6	1959.	68.7	20.4	59.0	15.0	1984.
22	75.6	24.2	82.8	28.2	98.0	36.7	1983.	68.5	20.3	59.0	15.0	1984.
23	75.5	24.2	82.2	27.9	97.0	36.1	1964.	68.7	20.4	58.0	14.4	1985.
24	75.2	24.0	82.8	28.2	92.0	33.3	1978.	67.7	19.8	52.0	11.1	1985.
25	75.6	24.2	82.9	28.3	96.0	35.6	1968.	68.3	20.1	60.0	15.6	1977.+
26	75.6	24.2	83.6	28.7	93.0	33.9	1948.	67.5	19.7	58.0	14.4	1977.+
27	76.5	24.7	84.7	29.3	96.0	35.6	1983.	68.3	20.2	56.0	13.3	1945.
28	76.4	24.7	84.0	28.9	94.0	34.4	1970.+	68.8	20.4	55.0	12.8	1986.
29	76.7	24.8	84.4	29.1	97.0	36.1	1948.	69.0	20.5	53.0	11.7	1986.+
30	76.8	24.9	84.8	29.3	97.0	36.1	1953.	68.8	20.5	53.0	11.7	1986.
31	76.7	24.8	84.3	29.0	97.0	36.1	1980.+	69.1	20.6	55.0	12.8	1986.
MONTH	76.8	24.9	84.2	29.0	103.0	39.4	1983.	69.4	20.8	52.0	11.1	1985.

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

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :SEP

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	75.7	24.3	82.9	28.3	98.0	36.7	1980.	68.5	20.3	58.0	14.4	1948.+
2	75.6	24.2	82.9	28.3	98.0	36.7	1980.	68.3	20.2	57.0	13.9	1948.
3	75.5	24.1	83.1	28.4	96.0	35.6	1984.	67.9	19.9	57.0	13.9	1967.
4	75.0	23.9	82.3	28.0	94.0	34.4	1985.+	67.7	19.8	58.0	14.4	1974.+
5	74.9	23.9	82.0	27.8	96.0	35.6	1985.	67.9	19.9	57.0	13.9	1982.
6	74.3	23.5	81.5	27.5	98.0	36.7	1983.	67.0	19.5	55.0	12.8	1984.
7	73.4	23.0	80.7	27.1	97.0	36.1	1983.	66.1	19.0	56.0	13.3	1984.+
8	72.5	22.5	79.7	26.5	94.0	34.4	1985.	65.3	18.5	51.0	10.6	1984.
9	72.5	22.5	80.0	26.7	93.0	33.9	1985.	65.0	18.4	54.0	12.2	1986.
10	72.9	22.7	80.7	27.1	97.0	36.1	1983.	65.1	18.4	55.0	12.8	1956.+
11	72.8	22.7	80.7	27.1	99.0	37.2	1983.	65.0	18.3	55.0	12.8	1976.+
12	73.0	22.8	80.7	27.1	92.0	33.3	1983.	65.2	18.5	56.0	13.3	1967.+
13	71.2	21.8	78.8	26.0	92.0	33.3	1952.	63.5	17.5	54.0	12.2	1968.
14	71.7	22.0	79.2	26.2	93.0	33.9	1952.	64.2	17.9	50.0	10.0	1953.
15	71.0	21.6	78.3	25.7	88.0	31.1	1970.+	63.6	17.6	50.0	10.0	1985.
16	70.0	21.1	77.0	25.0	94.0	34.4	1970.	63.0	17.2	53.0	11.7	1985.+
17	70.0	21.1	77.1	25.0	91.0	32.8	1958.	63.0	17.2	51.0	10.6	1986.
18	69.8	21.0	77.8	25.4	90.0	32.2	1982.+	61.8	16.5	49.0	9.4	1986.
19	71.2	21.8	78.5	25.9	93.0	33.9	1983.	63.8	17.7	47.0	8.3	1984.
20	70.3	21.3	77.3	25.2	91.0	32.8	1983.	63.2	17.3	52.0	11.1	1959.+
21	69.9	21.1	77.4	25.2	92.0	33.3	1974.	62.5	16.9	46.0	7.8	1956.
22	68.5	20.3	75.3	24.1	91.0	32.8	1980.	61.6	16.5	53.0	11.7	1962.+
23	67.1	19.5	74.4	23.6	92.0	33.3	1970.	59.7	15.4	45.0	7.2	1983.
24	66.8	19.3	74.3	23.5	89.0	31.7	1970.	59.3	15.1	48.0	8.9	1983.+
25	67.8	19.9	75.0	23.9	90.0	32.2	1970.	60.5	15.9	46.0	7.8	1950.
26	67.5	19.7	74.7	23.7	92.0	33.3	1986.	60.3	15.7	47.0	8.3	1950.
27	66.9	19.4	74.2	23.4	85.0	29.4	1986.	59.6	15.3	47.0	8.3	1947.
28	66.1	18.9	72.7	22.6	84.0	28.9	1973.	59.4	15.2	48.0	8.9	1984.
29	65.5	18.6	72.7	22.6	88.0	31.1	1973.+	58.4	14.6	48.0	8.9	1951.
30	65.5	18.6	72.6	22.6	90.0	32.2	1986.	58.3	14.6	46.0	7.8	1951.
MONTH	70.8	21.6	78.2	25.6	99.0	37.2	1983.	63.5	17.5	45.0	7.2	1983.

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

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :OCT

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	65.7	18.7	72.6	22.6	91.0	32.8	1986.	58.8	14.9	40.0	4.4	1947.
2	64.8	18.2	72.7	22.6	87.0	30.6	1986.+	57.0	13.9	44.0	6.7	1974.
3	64.2	17.9	71.9	22.2	93.0	33.9	1968.	56.5	13.6	40.0	4.4	1974.
4	63.8	17.7	71.5	22.0	92.0	33.3	1954.	56.1	13.4	38.0	3.3	1974.
5	64.3	17.9	72.4	22.4	90.0	32.2	1959.	56.2	13.4	40.0	4.4	1965.
6	63.3	17.4	71.5	21.9	87.0	30.6	1959.	55.2	12.9	40.0	4.4	1965.
7	62.8	17.1	70.3	21.3	83.0	28.3	1963.+	55.2	12.9	45.0	7.2	1954.
8	62.3	16.8	69.9	21.1	83.0	28.3	1982.+	54.7	12.6	44.0	6.7	1953.
9	63.2	17.3	70.5	21.4	85.0	29.4	1980.	55.8	13.2	39.0	3.9	1978.
10	61.7	16.5	69.2	20.7	86.0	30.0	1949.	54.1	12.3	38.0	3.3	1979.
11	61.4	16.3	69.1	20.6	88.0	31.1	1954.	53.7	12.0	38.0	3.3	1964.
12	61.8	16.6	69.8	21.0	87.0	30.6	1954.	53.9	12.2	39.0	3.9	1964.
13	61.5	16.4	68.9	20.5	89.0	31.7	1954.	54.2	12.3	40.0	4.4	1980.
14	61.7	16.5	69.4	20.8	85.0	29.4	1975.	53.9	12.2	40.0	4.4	1979.
15	61.5	16.4	70.1	21.2	87.0	30.6	1985.	52.9	11.6	38.0	3.3	1979.
16	60.4	15.8	68.5	20.3	80.0	26.7	1958.	52.3	11.3	40.0	4.4	1978.+
17	59.9	15.5	67.6	19.8	80.0	26.7	1963.	52.2	11.2	38.0	3.3	1977.
18	59.9	15.5	67.6	19.8	82.0	27.8	1963.	52.1	11.2	36.0	2.2	1977.
19	58.5	14.7	65.7	18.7	80.0	26.7	1985.	51.4	10.8	37.0	2.8	1972.
20	58.3	14.6	66.1	19.0	84.0	28.9	1969.	50.5	10.3	32.0	.0	1981.+
21	58.1	14.5	66.5	19.2	85.0	29.4	1984.	49.7	9.8	33.0	.6	1974.
22	59.2	15.1	66.8	19.4	83.0	28.3	1984.+	51.5	10.8	34.0	1.1	1974.
23	59.8	15.4	67.7	19.8	84.0	28.9	1978.	51.9	11.0	35.0	1.7	1969.
24	57.8	14.4	64.5	18.0	77.0	25.0	1975.+	51.2	10.7	33.0	.6	1969.
25	56.2	13.5	63.1	17.3	74.0	23.3	1985.+	49.3	9.6	36.0	2.2	1969.
26	55.8	13.2	63.2	17.3	82.0	27.8	1978.	48.4	9.1	36.0	2.2	1952.
27	56.0	13.3	63.9	17.7	82.0	27.8	1984.	48.1	8.9	35.0	1.7	1976.
28	56.3	13.5	64.0	17.8	84.0	28.9	1984.	48.5	9.2	34.0	1.1	1976.
29	56.0	13.3	63.5	17.5	83.0	28.3	1984.	48.5	9.2	30.0	-1.1	1965.
30	55.3	12.9	62.5	16.9	79.0	26.1	1950.+	48.0	8.9	32.0	.0	1952.
31	56.6	13.7	64.6	18.1	83.0	28.3	1946.	48.6	9.2	35.0	1.7	1968.
MONTH	60.3	15.7	67.9	20.0	93.0	33.9	1968.	52.6	11.4	30.0	-1.1	1965.

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

29 - DAILY AVERAGE/EXTREME TEMPERATURES

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :NOV

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	57.1	13.9	65.0	18.3	83.0	28.3	1982.	49.2	9.5	33.0	.6	1954.
2	58.0	14.4	65.8	18.8	85.0	29.4	1968.	50.1	10.1	27.0	-2.8	1976.
3	56.4	13.6	64.3	17.9	77.0	25.0	1953.	48.5	9.2	32.0	.0	1951.
4	54.8	12.7	62.1	16.7	79.0	26.1	1982.+	47.5	8.6	31.0	-.6	1951.
5	52.9	11.6	59.9	15.5	79.0	26.1	1975.	45.9	7.7	33.0	.6	1976.
6	50.8	10.4	58.5	14.7	78.0	25.6	1948.	43.1	6.2	29.0	-1.7	1976.
7	51.2	10.7	59.3	15.2	78.0	25.6	1975.	43.1	6.2	30.0	-1.1	1953.
8	51.6	10.9	60.0	15.5	79.0	26.1	1975.	43.1	6.2	29.0	-1.7	1976.+
9	52.3	11.3	60.5	15.8	79.0	26.1	1986.	44.2	6.8	24.0	-4.4	1976.
10	51.6	10.9	58.9	15.0	78.0	25.6	1966.	44.3	6.9	33.0	.6	1973.
11	50.5	10.3	57.7	14.3	76.0	24.4	1949.	43.3	6.3	32.0	.0	1976.+
12	50.6	10.3	57.8	14.3	73.0	22.8	1982.	43.5	6.4	30.0	-1.1	1957.
13	50.3	10.1	57.5	14.2	78.0	25.6	1985.	43.0	6.1	28.0	-2.2	1986.
14	51.1	10.6	59.2	15.1	78.0	25.6	1955.	43.0	6.1	26.0	-3.3	1986.
15	49.5	9.7	57.1	13.9	80.0	26.7	1973.	41.9	5.5	26.0	-3.3	1967.
16	50.7	10.4	58.8	14.9	78.0	25.6	1955.	42.6	5.9	23.0	-5.0	1967.
17	49.5	9.7	57.5	14.2	72.0	22.2	1955.	41.4	5.2	28.0	-2.2	1959.
18	49.1	9.5	57.0	13.9	74.0	23.3	1979.	41.2	5.1	23.0	-5.0	1959.
19	49.0	9.5	56.9	13.8	73.0	22.8	1985.+	41.2	5.1	26.0	-3.3	1951.
20	48.4	9.1	56.0	13.3	76.0	24.4	1985.	40.9	4.9	26.0	-3.3	1951.
21	46.8	8.2	54.3	12.4	72.0	22.2	1956.	39.4	4.1	24.0	-4.4	1969.
22	46.0	7.8	53.6	12.0	73.0	22.8	1983.+	38.4	3.5	21.0	-6.1	1969.
23	45.7	7.6	53.9	12.2	74.0	23.3	1979.	37.6	3.1	23.0	-5.0	1984.
24	47.2	8.5	55.2	12.9	72.0	22.2	1979.+	39.2	4.0	21.0	-6.1	1970.+
25	44.8	7.1	52.4	11.3	80.0	26.7	1973.	37.3	2.9	20.0	-6.7	1950.
26	45.1	7.3	53.2	11.8	73.0	22.8	1946.	37.0	2.8	19.0	-7.2	1950.
27	47.0	8.3	54.8	12.7	71.0	21.7	1985.	39.2	4.0	26.0	-3.3	1977.+
28	46.9	8.3	54.5	12.5	77.0	25.0	1973.	39.4	4.1	23.0	-5.0	1955.
29	43.7	6.5	51.3	10.7	72.0	22.2	1968.	36.0	2.2	16.0	-8.9	1955.
30	41.1	5.0	48.2	9.0	64.0	17.8	1973.	34.0	1.1	20.0	-6.7	1976.+
MONTH	49.7	9.8	57.4	14.1	85.0	29.4	1968.	42.0	5.5	16.0	-8.9	1955.

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

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 MONTH :DEC

	MEAN TEMPERATURE		MAXIMUM TEMPERATURE					MINIMUM TEMPERATURE				
	AVERAGE		AVERAGE		EXTREME			AVERAGE		EXTREME		
DAY	DEG F	DEG C	DEG F	DEG C	DEG F	DEG C	DATE	DEG F	DEG C	DEG F	DEG C	DATE
1	40.9	5.0	48.6	9.2	71.0	21.7	1946.	33.3	.7	20.0	-6.7	1976.+
2	42.2	5.6	50.3	10.2	67.0	19.4	1980.	34.0	1.1	23.0	-5.0	1964.
3	43.6	6.4	50.6	10.4	71.0	21.7	1950.	36.5	2.5	17.0	-8.3	1966.
4	44.3	6.8	52.2	11.2	76.0	24.4	1982.	36.4	2.4	14.0	-10.0	1966.
5	44.0	6.7	51.9	11.0	73.0	22.8	1982.	36.1	2.3	22.0	-5.6	1966.
6	43.8	6.6	51.8	11.0	71.0	21.7	1982.+	35.8	2.1	22.0	-5.6	1954.
7	43.2	6.2	50.9	10.5	74.0	23.3	1956.	35.5	1.9	20.0	-6.7	1954.
8	44.2	6.8	52.2	11.2	74.0	23.3	1978.+	36.2	2.3	20.0	-6.7	1954.
9	42.4	5.8	50.1	10.1	74.0	23.3	1951.	34.6	1.5	19.0	-7.2	1976.
10	40.8	4.9	47.9	8.8	75.0	23.9	1966.	33.7	1.0	15.0	-9.4	1968.
11	39.9	4.4	46.8	8.2	68.0	20.0	1971.	33.1	.6	15.0	-9.4	1968.
12	41.2	5.1	48.2	9.0	71.0	21.7	1979.	34.2	1.2	14.0	-10.0	1957.
13	41.2	5.1	48.7	9.3	67.0	19.4	1956.	33.7	1.0	12.0	-11.1	1960.
14	39.4	4.1	46.5	8.0	64.0	17.8	1948.	32.3	.1	13.0	-10.6	1960.
15	38.8	3.8	45.8	7.7	70.0	21.1	1971.	31.8	-.1	13.0	-10.6	1958.
16	38.6	3.7	45.9	7.7	75.0	23.9	1971.	31.3	-.4	10.0	-12.2	1958.
17	38.3	3.5	45.9	7.7	69.0	20.6	1984.	30.7	-.7	15.0	-9.4	1951.
18	37.8	3.2	45.6	7.5	72.0	22.2	1984.	30.1	-1.1	18.0	-7.8	1953.
19	37.3	2.9	44.3	6.8	63.0	17.2	1957.	30.2	-1.0	16.0	-8.9	1964.+
20	37.1	2.8	43.9	6.6	63.0	17.2	1972.	30.3	-.9	14.0	-10.0	1963.
21	37.4	3.0	43.9	6.6	67.0	19.4	1956.	30.9	-.6	13.0	-10.6	1980.
22	36.9	2.7	43.8	6.5	68.0	20.0	1949.	30.0	-1.1	11.0	-11.7	1985.
23	38.6	3.7	46.7	8.2	66.0	18.9	1981.	30.5	-.8	18.0	-7.8	1960.+
24	39.5	4.2	46.5	8.1	65.0	18.3	1982.+	32.5	.3	6.0	-14.4	1983.
25	37.9	3.3	45.2	7.4	72.0	22.2	1982.+	30.6	-.8	6.0	-14.4	1983.
26	37.9	3.3	45.5	7.5	72.0	22.2	1982.	30.2	-1.0	6.0	-14.4	1983.
27	37.7	3.2	44.7	7.1	68.0	20.0	1973.+	30.7	-.7	16.0	-8.9	1977.+
28	39.6	4.2	47.5	8.6	77.0	25.0	1984.	31.8	-.1	17.0	-8.3	1966.
29	39.6	4.2	47.0	8.3	76.0	24.4	1984.	32.2	.1	18.0	-7.8	1977.
30	38.7	3.7	46.1	7.8	70.0	21.1	1971.	31.4	-.4	16.0	-8.9	1976.
31	37.6	3.1	44.4	6.9	72.0	22.2	1965.	30.9	-.6	15.0	-9.4	1983.+
MONTH	40.0	4.5	47.4	8.6	77.0	25.0	1984.	32.6	.3	6.0	-14.4	1983.+

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

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	85	79	86	97	95	91	89	79	PART	55	PART
1946	66	74	75	80	86	91	94	90	89	83	76	73	94
1947	72	57	69	84	89	89	92	98	90	82	65	61	98
1948	56	78	85	80	85	95	94	97	87	77	78	66	97
1949	72	75	82	85	88	94	95	95	86	86	76	68	95
1950	78	PART	73	80	87	95	92	91	88	82	82	71	PART
1951	71	69	70	86	84	94	94	91	89	89	75	PART	MISS
1952	PART	60	75	87	85	99	100	92	93	86	PART	59	PART
1953	72	67	68	86	91	91	100	97	95	79	77	PART	MISS
1954	70	76	75	86	85	98	100	95	95	92	68	66	100
1955	65	63	79	85	92	90	97	97	85	83	78	68	97
1956	65	68	72	85	93	93	94	95	93	79	74	74	95
1957	68	68	65	84	89	95	96	92	91	74	73	66	96
1958	55	61	55	77	83	91	93	92	91	83	73	62	93
1959	69	70	75	87	90	99	93	96	89	90	78	61	99
1960	63	68	75	91	85	92	93	94	86	78	70	60	94
1961	55	72	82	84	87	89	90	88	89	80	71	59	90
1962	57	61	74	81	90	90	88	93	90	83	60	55	93
1963	62	57	78	82	94	94	96	97	91	83	71	61	97
1964	68	62	80	90	94	101	94	97	93	75	76	72	101
1965	65	66	70	85	97	95	95	91	88	76	74	72	97
1966	67	64	80	80	89	94	99	97	94	84	78	75	99
1967	73	70	79	90	86	95	95	92	82	84	72	65	95
1968	59	56	78	79	86	92	99	97	87	PART	85	68	PART
1969	67	50	77	91	93	98	94	92	89	84	65	60	98
1970	69	61	62	82	88	93	PART	94	94	84	65	66	PART
1971	62	70	74	78	83	90	91	91	86	80	83	75	91
1972	66	68	80	86	83	87	92	89	88	79	78	65	92
1973	61	60	77	89	87	90	92	94	89	84	80	71	94
1974	75	70	80	91	90	92	93	88	92	80	80	66	93
1975	74	65	68	77	87	91	91	95	87	86	79	71	95
1976	63	80	81	87	83	88	92	92	90	77	73	61	92
1977	53	74	83	84	87	89	95	97	89	83	73	60	97
1978	60	46	77	86	86	86	97	93	92	84	73	74	97
1979	64	52	84	72	82	88	89	93	88	84	74	71	93
1980	60	60	70	78	88	96	103	97	98	85	74	73	103
1981	61	75	80	85	90	95	95	94	92	86	73	66	95
1982	64	68	73	82	86	90	96	92	90	83	83	76	96
1983	60	59	82	88	89	93	98	103	99	84	73	62	103
1984	63	71	65	76	91	94	96	93	96	85	70	77	96
1985	65	81	86	92	88	92	95	99	96	87	78	68	99
1986	69	69	78	81	92	98	99	96	92	91	79	62	99
MEAN	65.1	66.0	75.6	83.8	88.0	92.9	94.8	94.0	90.4	82.8	74.6	66.5	96.1
S.D.	5.909	7.998	6.673	4.674	3.457	3.537	3.221	3.143	3.582	4.122	5.334	5.983	3.138
TOT OBS	40	40	42	42	42	42	41	42	42	41	40	40	35

30 - EXTREME VALUES

MAXIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945											78.		MAX TEMP
											29		# DAYS
1950		62.											MAX TEMP
		27											# DAYS
1951												74.	MAX TEMP
												29	# DAYS
1952	74.										71.		MAX TEMP
	30										29		# DAYS
1953												68.	MAX TEMP
												30	# DAYS
1968										93.			MAX TEMP
										30			# DAYS
1970							99.						MAX TEMP
							21						# DAYS

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD — LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 — PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	33	36	42	50	61	56	56	42	PART	16	MISS
1946	17	18	32	38	44	53	61	58	54	46	34	23	17
1947	14	8	26	34	39	53	61	67	47	40	29	25	8
1948	10	16	20	37	47	56	60	60	56	38	36	17	10
1949	23	26	25	37	49	56	66	63	49	43	26	25	23
1950	24	PART	17	26	45	54	64	62	46	44	19	16	MISS
1951	16	12	28	34	48	55	60	59	46	44	26	PART	MISS
1952	PART	27	25	35	44	56	55	58	51	32	PART	22	MISS
1953	25	24	24	32	52	48	64	61	50	43	30	PART	MISS
1954	16	20	22	29	42	55	61	59	55	40	31	19	16
1955	14	13	24	35	46	56	63	65	57	40	16	17	13
1956	22	22	25	32	42	55	61	60	46	46	21	25	21
1957	10	25	30	32	42	55	62	63	49	35	30	14	10
1958	18	7	30	37	48	54	67	65	53	43	20	10	7
1959	11	15	29	37	45	53	66	63	52	42	23	22	11
1960	20	21	16	33	45	58	64	62	58	38	30	12	12
1961	7	10	25	31	45	58	60	62	55	42	33	22	7
1962	12	17	20	36	50	61	62	62	53	38	36	15	12
1963	9	10	30	44	44	56	59	58	48	43	34	14	9
1964	14	22	26	32	46	52	62	58	53	36	22	16	14
1965	-3	9	19	30	52	54	60	54	54	30	27	25	-3
1966	12	12	25	35	36	50	64	63	53	40	30	14	12
1967	10	12	15	37	43	45	58	61	49	39	23	21	10
1968	9	10	21	36	43	58	64	59	PART	PART	27	15	MISS
1969	10	18	21	28	44	58	63	61	49	33	21	21	10
1970	4	10	23	33	41	58	PART	64	49	41	21	22	MISS
1971	14	9	27	35	44	59	64	63	58	51	31	24	9
1972	7	19	26	30	49	50	56	59	55	35	27	22	7
1973	18	12	28	37	43	56	62	62	54	40	32	21	12
1974	21	21	27	35	44	55	65	57	48	32	26	26	21
1975	23	22	23	31	45	58	64	65	56	38	36	20	20
1976	14	18	30	35	44	52	60	59	54	34	20	16	14
1977	-3	11	29	31	39	51	57	58	55	36	26	16	-3
1978	11	15	17	39	40	54	57	65	51	38	32	23	11
1979	12	6	24	34	44	52	57	59	54	38	26	19	6
1980	20	15	13	31	44	53	65	62	50	37	27	10	10
1981	7	12	24	36	43	59	60	60	49	32	26	14	7
1982	-2	19	24	27	48	56	63	53	49	38	33	19	-2
1983	17	19	32	34	40	53	61	57	45	38	29	6	6
1984	5	22	22	35	44	52	58	59	47	43	23	22	5
1985	-2	18	28	29	43	53	60	52	50	40	34	11	-2
1986	11	15	15	35	38	52	62	53	49	43	26	21	11
MEAN	12.4	15.9	24.3	33.8	44.2	54.3	61.4	60.1	51.5	39.3	27.5	18.4	10.0
S.D.	7.334	5.604	4.970	3.501	3.473	3.213	2.864	3.475	3.606	4.395	5.189	4.904	6.373
TOT OBS	40	40	42	42	42	42	41	42	41	41	40	40	35

MINIMUM TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT

YEAR/MONTHS WITH < FULL NUMBER OF OBSERVATIONS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945											27.		MIN TEMP
											29		# DAYS
1950		17.											MIN TEMP
		27											# DAYS
1951												14.	MIN TEMP
												29	# DAYS
1952	16.										27.		MIN TEMP
	30										29		# DAYS
1953												18.	MIN TEMP
												30	# DAYS
1968									53.	35.			MIN TEMP
									29	30			# DAYS
1970							66.						MIN TEMP
							21						# DAYS

HEATING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	349	204	130	25	0	0	6	192	MISS	958	MISS
1946	834	691	401	303	90	10	0	0	5	119	335	655	3443
1947	659	905	774	311	115	4	0	0	58	64	537	838	4265
1948	1083	763	561	310	80	7	0	0	13	258	349	701	4125
1949	656	569	569	312	80	1	0	0	31	77	452	681	3428
1950	498	MISS	717	404	104	0	0	0	44	107	489	874	MISS
1951	761	749	613	318	89	9	0	0	19	130	579	MISS	MISS
1952	MISS	670	640	268	94	0	0	0	9	275	MISS	766	MISS
1953	731	645	564	305	25	13	0	0	16	127	462	MISS	MISS
1954	860	599	611	206	131	0	0	0	5	170	532	815	3929
1955	905	750	523	208	66	13	0	0	3	143	524	918	4053
1956	930	640	632	387	135	7	0	0	49	112	481	537	3910
1957	958	664	615	254	67	6	0	0	34	267	427	685	3977
1958	954	929	734	295	70	9	0	0	15	191	415	983	4595
1959	906	735	602	256	50	6	0	0	19	168	511	696	3949
1960	799	729	930	228	93	0	0	0	4	191	478	964	4416
1961	1016	745	563	411	114	0	0	0	8	130	472	852	4311
1962	897	827	644	310	50	0	0	0	41	137	513	926	4345
1963	972	920	511	237	66	7	0	0	77	114	383	955	4242
1964	819	775	544	372	79	10	0	0	11	293	380	739	4022
1965	924	733	678	384	37	27	0	5	19	271	478	645	4205
1966	913	759	577	402	132	13	0	0	19	204	448	829	4296
1967	728	833	673	270	226	15	0	0	46	237	617	793	4438
1968	1053	899	586	300	123	0	0	0	2	MISS	421	852	MISS
1969	968	810	721	239	76	0	0	0	12	248	573	895	4542
1970	1073	786	706	325	77	0	MISS	0	16	120	455	778	MISS
1971	966	742	727	360	84	0	0	0	4	22	415	555	3875
1972	727	753	612	331	63	13	0	0	1	234	467	625	3826
1973	850	802	430	204	86	0	0	0	7	115	370	672	3536
1974	702	727	511	232	89	5	0	0	32	290	490	695	3773
1975	754	662	651	449	108	0	0	0	6	73	279	669	3651
1976	853	473	422	243	130	15	0	0	6	277	658	822	3899
1977	1262	746	427	237	75	4	0	0	2	275	419	820	4267
1978	1022	1030	711	327	138	4	0	0	15	219	416	711	4593
1979	919	1052	550	326	60	7	0	0	11	242	344	680	4191
1980	871	873	671	252	57	0	0	0	10	235	537	820	4326
1981	1075	713	649	205	114	0	0	1	20	253	469	847	4346
1982	1086	744	626	369	18	1	0	2	11	204	394	583	4038
1983	828	746	508	358	102	2	0	0	34	163	418	825	3984
1984	1005	618	710	321	100	2	0	0	43	64	537	568	3968
1985	1029	751	519	203	57	3	0	0	17	109	278	848	3814
1986	904	797	562	307	68	4	0	9	13	158	473	747	4042

COOLING DEGREE DAYS (BASE 65 DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	43	19	64	294	344	325	274	15	MISS	C	MISS
1946	0	0	0	9	81	226	351	269	190	37	6	0	1169
1947	0	0	0	20	121	202	348	436	278	60	0	C	1465
1948	0	0	16	11	74	243	407	337	176	7	10	0	1281
1949	0	1	9	7	74	296	480	406	143	81	0	C	1497
1950	7	MISS	1	8	42	253	372	332	159	31	16	0	MISS
1951	0	0	0	13	49	245	407	346	192	60	1	MISS	MISS
1952	MISS	0	0	19	61	341	487	387	179	15	MISS	C	MISS
1953	0	0	0	12	153	292	481	360	186	21	0	MISS	MISS
1954	0	3	0	28	69	288	428	362	273	136	0	C	1587
1955	0	0	0	12	118	181	527	459	206	37	4	C	1544
1956	0	0	0	22	80	280	382	366	174	21	4	0	1329
1957	0	0	0	41	124	324	428	301	249	2	0	C	1469
1958	0	0	0	8	51	175	441	344	150	24	0	0	1193
1959	0	0	0	25	156	323	410	470	269	124	6	C	1783
1960	0	0	0	72	66	251	314	391	184	21	0	0	1299
1961	0	0	5	13	34	218	378	312	285	33	0	0	1278
1962	0	0	0	16	127	241	298	321	125	21	0	0	1149
1963	0	0	0	20	141	197	357	342	95	30	0	C	1182
1964	0	0	0	16	142	303	380	312	168	3	1	C	1325
1965	0	0	0	5	125	228	341	335	202	5	0	0	1241
1966	0	0	0	3	61	292	480	406	179	11	10	0	1442
1967	0	0	0	27	24	214	382	305	72	16	0	C	1040
1968	0	0	0	0	43	268	453	470	161	MISS	6	0	MISS
1969	0	0	0	31	89	326	398	393	227	30	0	0	1494
1970	0	0	0	6	106	283	MISS	474	348	53	0	0	MISS
1971	0	0	0	0	69	332	429	391	271	87	23	0	1602
1972	0	0	0	11	65	190	365	350	217	18	4	C	1220
1973	0	0	3	42	72	298	394	416	246	62	9	C	1542
1974	0	0	3	28	82	174	402	350	139	7	6	C	1191
1975	0	0	0	5	110	291	380	437	182	66	23	C	1494
1976	0	2	0	33	29	234	291	327	165	13	0	0	1094
1977	0	0	9	30	103	209	430	391	216	11	5	C	1404
1978	0	0	0	2	58	221	334	464	214	23	0	0	1316
1979	0	0	8	0	76	146	356	354	192	28	1	0	1161
1980	0	0	0	1	127	244	476	474	291	25	0	0	1638
1981	0	0	0	27	70	339	417	331	167	19	0	C	1370
1982	0	0	0	8	95	220	450	317	165	41	12	2	1310
1983	0	0	0	22	78	278	486	470	262	39	0	C	1635
1984	0	0	0	1	99	315	345	385	165	65	0	2	1377
1985	0	2	15	52	119	232	420	367	230	51	9	0	1497
1986	0	0	0	2	144	324	505	330	200	76	3	C	1584

34 - YEAR/MONTH VALUES

MEAN TEMPERATURE (DEG F)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986 PAGE : 1

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	55.1	58.8	62.8	73.9	76.0	75.4	73.9	59.2	51.2P	34.C	MISS
1946	38.0	40.3	52.0	55.1	64.7	72.1	76.3	73.6	71.1	62.3	54.0	43.8	58.6
1947	43.7	32.6	40.0	55.2	65.1	71.5	76.2	79.0	72.3	64.8	47.0	37.9	57.1
1948	30.0	37.7	47.4	55.0	64.8	72.8	78.1	75.8	70.4	56.9	53.6	42.3	57.1
1949	43.8	44.7	46.9	54.8	64.8	74.8	80.4	78.0	68.7	65.1	49.9	43.0	59.6
1950	49.1	39.8P	41.9	51.7	63.0	73.4	77.0	75.7	68.8	62.5	49.2	36.8	MISS
1951	40.4	38.2	45.2	54.8	63.7	72.8	78.1	76.1	70.7	62.7	45.7	42.2P	MISS
1952	41.4P	41.0	44.3	56.6	63.9	76.3	80.7	77.4	70.6	56.6	48.7P	40.2	MISS
1953	41.4	41.9	46.8	55.2	69.1	74.2	80.5	76.6	70.6	61.5	49.5	43.0P	MISS
1954	37.2	43.7	45.2	59.0	63.0	74.5	78.8	76.6	73.9	63.9	47.2	38.7	58.5
1955	35.8	38.2	48.1	58.4	66.6	70.5	82.0	79.8	71.7	61.5	47.6	35.3	58.0
1956	35.0	42.1	44.6	52.8	63.2	74.0	77.3	76.8	69.1	62.0	49.0	47.6	57.8
1957	34.0	41.2	45.1	57.8	66.8	75.5	78.8	74.7	72.1	56.4	50.7	42.9	58.0
1958	34.2	31.8	41.3	55.4	64.3	70.5	79.2	76.0	69.5	59.6	51.1	33.2	55.5
1959	35.7	38.7	45.5	57.2	68.4	75.5	78.2	80.1	73.3	63.5	48.1	42.5	58.9
1960	39.2	38.9	35.0	59.7	64.1	73.3	75.1	77.6	71.0	59.5	49.0	33.9	56.4
1961	32.2	38.3	47.0	51.7	62.4	72.2	77.1	75.0	74.2	61.8	49.2	37.5	56.5
1962	36.0	35.4	44.2	55.1	67.4	73.0	74.6	75.3	67.7	61.2	47.8	35.1	56.1
1963	33.6	32.1	48.5	57.7	67.4	71.3	76.5	76.0	65.5	62.2	52.2	34.1	56.4
1964	38.5	37.3	47.4	53.1	67.0	74.7	77.2	75.0	70.2	55.6	52.3	41.1	57.4
1965	35.1	38.8	43.1	52.3	67.8	71.6	76.0	75.6	71.0	56.4	49.0	44.0	56.7
1966	35.5	37.8	46.3	51.6	62.7	74.2	80.4	78.0	70.3	58.7	50.3	38.2	57.0
1967	41.5	35.2	43.2	56.8	58.4	71.6	77.3	74.8	65.8	57.8	44.4	39.4	55.5
1968	31.0	32.8	46.0	55.0	62.4	73.9	79.6	80.1	70.4	61.8P	51.1	37.5	MISS
1969	33.7	36.0	41.7	58.0	65.4	75.8	77.8	77.6	72.1	57.9	45.8	36.1	56.5
1970	30.3	36.9	42.2	54.3	65.9	74.4	79.8P	80.2	76.0	62.8	49.8	39.9	MISS
1971	33.8	38.5	41.5	53.0	64.5	76.0	78.8	77.6	73.8	67.0	51.9	47.0	58.6
1972	41.5	38.1	45.2	54.3	65.0	70.8	76.7	76.2	72.1	58.0	49.5	44.8	57.7
1973	37.5	36.3	51.2	59.5	64.5	74.9	77.7	78.4	72.9	63.2	52.9	43.3	59.4
1974	42.3	39.0	48.6	58.1	64.7	70.6	77.9	76.2	68.5	55.8	48.8	42.5	57.7
1975	40.6	41.3	44.0	50.1	65.0	74.6	77.2	79.0	70.8	64.7	56.4	43.4	58.9
1976	37.4	48.1	51.3	58.0	61.7	72.2	74.3	75.5	70.2	56.4	43.0	38.4	57.2
1977	24.2	38.3	51.5	58.0	65.9	71.8	78.8	77.6	72.1	56.4	51.1	38.5	57.0
1978	32.0	28.2	42.0	54.1	62.4	72.2	75.7	79.9	71.6	58.6	51.1	42.0	55.8
1979	35.3	27.4	47.5	54.1	65.5	69.6	76.4	76.4	71.0	58.0	53.5	43.0	56.5
1980	36.9	33.8	43.3	56.6	67.2	73.1	80.3	80.2	74.3	58.2	47.0	38.5	57.4
1981	30.3	39.5	44.0	59.0	63.5	76.2	78.4	75.6	69.8	57.4	49.3	37.6	56.7
1982	29.9	38.4	44.8	52.9	67.4	72.2	79.5	75.1	70.1	59.7	52.2	46.2	57.4
1983	38.2	38.3	48.6	53.7	64.2	74.1	80.6	80.1	72.5	61.0	51.0	38.3	58.4
1984	32.5	42.9	42.0	54.3	64.9	75.4	76.1	77.4	69.0	65.0	47.0	46.7	57.8
1985	31.8	38.2	48.7	59.9	67.0	72.6	78.5	76.8	72.0	63.1	56.0	37.6	58.5
1986	35.8	36.5	46.8	54.8	67.4	75.6	81.2	75.3	71.2	62.3	49.3	40.9	58.1

TOTAL PRECIPITATION (INCHES)
(FROM DAILY OBS)

013721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
PERIOD OF RECORD : 1945-1986

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1945	MISS	MISS	.63	3.36	4.78	5.96	15.51	1.09	4.23	3.26	4.64	6.50	MISS
1946	1.31	1.61	3.05	3.10	6.25	4.78	2.52	3.93	5.27	2.21	2.60	2.89	39.52
1947	4.06	.97	2.02	4.15	3.40	4.25	2.54	4.65	2.76	1.58	7.01	1.96	39.35
1948	5.15	1.61	4.00	2.28	9.21	1.69	4.51	7.48	2.01	3.26	6.80P	5.23	MISS
1949	4.31	2.78	3.12	1.93	4.78	5.28	7.16	6.98	1.49P	4.19	3.15	1.44	MISS
1950	2.61	1.98P	4.76	1.66	5.32	2.10	5.67	3.64	4.29	1.69	1.80	2.43	MISS
1951	1.47	2.28	1.68	3.69	3.09	6.28	3.61	5.63	3.06	2.02	4.41	3.61P	MISS
1952	5.75P	3.13	5.02	6.74	3.31	1.67	2.82	4.08	3.74	1.86	5.23P	3.50	MISS
1953	3.71	3.05	5.12	3.01	4.19	1.61	1.87	8.45	2.04	2.87	2.33	2.78P	MISS
1954	3.02	2.39	2.40	3.12	3.00	.22	2.59	3.72	1.30	2.05	2.88	2.73	29.42
1955	1.28	2.64P	4.49	3.16	2.07	3.64	2.64	9.94	1.69	1.91	2.12	.86	MISS
1956	2.11	3.66	3.30	2.81	3.25	3.05	7.24	1.70	3.63	5.98	7.95	3.12	47.80
1957	3.27	3.95	2.98	2.67	2.13	3.32	1.41	6.17	3.35	3.84	4.32	5.65	43.06
1958	3.80	4.09	6.43	6.58	5.75	4.44	7.16	11.10	2.36	2.38	2.32	2.39	58.80
1959	1.43	1.55	2.70	2.80	1.18	1.84	8.01	2.02	.25	4.00	5.60	4.38	35.76
1960	2.49	3.92	2.88	3.12	5.49	3.69	10.47	1.89	6.43	2.24	1.72	2.87	47.21
1961	3.93	4.72	4.63	2.12	5.08	6.08	2.37	2.78	1.10	5.58	1.81	3.38	43.58
1962	4.16	4.00	3.51	2.82	1.14	1.40P	2.17	1.56	2.92	2.05	5.97	3.09	MISS
1963	1.75	1.44	5.37	1.28	1.98	5.77	1.27	.64	2.14	.00	4.86	1.75	28.25
1964	4.00	4.60	2.13	3.37	.53	5.30	2.99	1.67	3.45	3.79	2.27	2.64	36.74
1965	3.02	2.51	3.90	2.33	.49	3.38	3.42	4.97	2.80	.92	.31	.47	28.52
1966	4.32	3.19	.79	3.27	3.28	2.86	1.98	.61	7.29	5.02	1.17	3.18	36.96
1967	1.43	2.38	2.01	1.17	4.56	1.39	3.89	5.91	1.23	1.36	1.69	4.39	31.41
1968	2.92	.32	4.69	1.05	3.33	3.04	1.27	3.14	3.58	1.70	3.86	2.29	31.19
1969	2.09	2.33	2.68	3.25	1.97	1.88	9.52	9.42	2.52	1.04	1.25	6.39	44.34
1970	1.64	2.17	3.73	3.50	1.56	2.72	4.47P	1.57	2.17	1.37	3.17	3.08	MISS
1971	2.13	4.43	2.26	1.84	9.80	1.83	3.28	6.10	1.01	5.18	3.41	.99	42.26
1972	2.38P	5.93	2.38	3.24	6.28	7.34	2.59	4.07	1.79	3.56	4.93	3.65	MISS
1973	2.86	2.97	2.69	3.12	2.28	1.74	1.61	4.12	1.78	2.74	1.09	4.73	31.73
1974	2.71	1.40	5.25	1.34	3.35	3.66	1.06	6.84	4.56	.71	.71	4.48	36.07
1975	4.63	2.79	6.03	2.14	3.33	4.19	4.87	3.53	7.99	4.56	2.31	3.97	50.34
1976	4.03	1.31	1.96	.94	3.76	.92	2.69	.95	7.47	4.92	1.27	2.24	32.46
1977	2.09	.81	1.90	1.52	1.94	5.28	2.02	3.13	2.59	4.16	3.88	5.31	34.63
1978	6.17	1.01	6.65	2.99	5.24	3.39	5.62	2.90	.09	.69	2.61	4.07	41.43
1979	5.99	7.02	3.10	2.69	6.43	4.18	5.75	9.16	7.53	2.84	4.67	1.44	60.80
1980	3.69	1.15	7.00	3.40	2.13	.96	4.70	2.18	2.46	6.61	2.49	.68	37.45
1981	.45	4.39	1.38	4.48	4.88	4.14	5.65	1.31	3.26	2.40	.67	3.91	36.92
1982	3.38	4.47	3.56	3.85	3.76	6.06	4.01	2.95	5.46	2.02	4.44	2.51	46.47
1983	1.88	3.53	6.81	8.23	5.18	7.39	.83	2.98	3.97	5.14	4.53	7.12	57.59
1984	3.23	4.22	10.16	4.76	10.99	1.77	3.29	4.49	1.50	5.25	3.65	1.59	54.90
1985	2.90	3.39	2.02	.42	4.15	1.75	2.18	6.98	6.14	4.07	5.67	.56	40.23
1986	3.15	2.67	.92	.95	1.92	1.40	1.69	5.82	1.23	2.50	2.94	6.96	32.15

36 - WEATHER CONDITIONS

ATMOSPHERIC PHENOMENON
(FROM DAILY OBSERVATIONS)

013721 PATUXENT RIVER, MD
PERIOD OF RECORD : 1945-1986

LAT. : 38 17N LONG. : 76 24W ELEV. : 40 FT
MONTH : ALL

MONTH	HOURS (LST)	TSTM	RAIN &/OR DRIZZLE	FREEZE RAIN & FREEZE DRIZZLE	SNOW &/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	% OBS. W/OBST VISION	TOTAL NO. OF OBS.
JAN	DAILY	.7	39.8	.0	19.8	.2	48.6	42.0	30.1	2.8	.0	52.6	1053
FEB	DAILY	1.9	37.0	.0	17.1	.4	44.4	39.6	31.8	2.2	.0	52.7	953
MAR	DAILY	3.8	45.3	.0	9.6	.6	48.9	40.8	32.7	1.1	.0	52.5	1087
APR	DAILY	8.5	47.2	.0	1.3	.3	47.4	35.7	30.0	.1	.0	47.1	1054
MAY	DAILY	15.3	50.0	.0	.0	.4	50.0	40.6	40.8	.0	.0	54.7	1082
JUN	DAILY	19.7	44.2	.0	.0	.2	44.2	37.3	51.2	.0	.0	59.7	1074
JUL	DAILY	25.0	45.6	.0	.0	.0	45.6	34.6	55.6	.0	.0	61.4	1102
AUG	DAILY	20.8	42.0	.0	.0	.1	42.0	41.2	59.9	.0	.0	67.6	1113
SEP	DAILY	9.2	36.8	.0	.0	.0	36.8	39.5	46.9	.0	.0	57.2	1077
OCT	DAILY	3.3	34.1	.0	.2	.1	34.1	44.8	40.4	.0	.0	58.3	1110
NOV	DAILY	1.9	40.1	.0	3.2	.0	41.5	40.1	32.5	.1	.0	50.7	1075
DEC	DAILY	.5	37.5	.0	11.1	.0	41.7	40.4	32.8	1.0	.0	52.4	1106
ANN	DAILY	9.3	41.6	.0	5.0	.2	43.7	39.7	40.6	.6	.0	55.7	12886

NOTES :
* = PERCENT < .05

13721 PATUXENT RIVER, MD LAT. : 38 17N LONG. : 76 24W ELEV. : 14 FT
PERIOD OF RECORD (HOURLY): 1945-1986 PERIOD OF RECORD (DAILY) : 1945-1986

	TEMPERATURE (DEG F) MEANS			EXTREME		PRECIPITATION (INCHES) PRECIP.			SNOWFALL (&)		24H	REL HUM PERCENT (LST)		VAP PR IN.	DEW PT.	PR ALT	WIND (KTS)				SKY	MEAN NO. OF DAYS WITH (&) PRECIP. INCHES		SNOW-FALL (")		TH	FOG	TEMP (DEG F)			
	MAX	MIN	AVG	MAX	MIN	MEAN	MAX	MIN	MEAN	MAX	24H MAX	04	13	HG.	(F)	FT. $	PREVAIL DIR	SPD	GST	CVR *	>=.01	>.50	>=.10	>=1.5	STM	*	MAX >=90	MAX >=75	MIN <=32	MIN <=15
JAN	43	29	36	78	-3	.3	6.2	.5	2.1	5	29	11	73	61	.14	26	70	NW	12	62	OVR	11	2	2	1	#	13	0	#	21	2
FEB	46	30	38	81	6	.3	7.0	.3	3.1	5	32	14	73	58	.14	26	80	NW	12	61	OVR	9	2	2	1	1	11	0	#	17	1
MAR	54	37	46	86	13	.4	10.2	.6	2.7	3	22	9	72	56	.19	33	75	NW	12	62	OVR	10	3	1	#	1	12	0	1	9	#
APR	64	47	56	92	26	.3	8.2	.4	2.6	T	T	T	74	54	.27	42	70	NW	11	63	OVR	10	2	#	0	3	10	#	5	1	0
MAY	73	56	65	97	36	.4	11.0	.5	4.3	T	T	T	79	58	.41	53	50	SE	9	77	OVR	11	2	0	0	5	13	1	13	0	0
JUN	81	65	73	101	45	.3	7.4	.2	5.9	0	0	0	82	58	.56	62	45	S	7	61	SCT	9	2	0	0	6	11	4	25	0	0
JUL	85	70	78	103	55	.4	15.5	.8	4.6	T	T	T	82	59	.66	67	35	SW	8	65	BRK	10	3	0	0	8	11	7	30	0	0
AUG	84	69	77	103	52	.4	11.1	.6	5.9	0	0	0	84	60	.65	66	30	S	6	69	SCT	9	2	0	0	6	13	6	30	0	0
SEP	78	63	71	99	45	.3	8.0	.1	3.9	0	0	0	83	60	.53	61	40	S	6	58	SCT	7	2	0	0	3	12	2	21	0	0
OCT	68	53	61	93	30	.3	6.6	T	3.6	T	T	T	80	59	.36	50	50	NW	9	96	OVR	7	2	#	0	1	14	#	6	#	0
NOV	57	42	50	85	16	.3	8.0	.3	4.2	T	7	7	76	58	.24	39	60	NW	11	55	OVR	9	2	#	#	1	12	0	1	4	0
DEC	47	33	40	77	6	.3	7.1	.5	3.2	2	13	8	74	61	.16	30	65	NW	12	53	OVR	9	2	1	#	#	12	0	#	16	1
ANN	65	50	58	103	-3	4.1	60.8	28.3	5.9	15	48	14	78	59	.32	46	60	NW	10	96	OVR	113	26	7	3	33	142	19	134	66	4
POR	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	39	42	42	42	42	42	42	42	42	42	42	42

NOTES :
T = TRACE AMOUNTS (< .05, < .5 INCHES
# = MEAN NO. DAYS < .5 DAYS
$ = PRESSURE ALTITUDE IN TENS OF FEET (I.E., 50 = 500 FEET)
∂ = 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
& = 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).