2.7 METEOROLOGY AND AIR QUALITY

2.7.1 GENERAL CLIMATE

The Calvert Cliffs Nuclear Power Plant (CCNPP) site is located in Calvert County. Calvert County is in that portion of Maryland commonly referred to as Southern Maryland, and is located on the Coastal Plain (USEPA, 2006a). The CCNPP site is located in Maryland state climate division MD-03, Lower Southern (as designated by the U.S. National Climatic Data Center). The weather data used to create this narrative is from the period 1971-2000 (USDC, 2007a).

Seasons are well defined. Winter is the dormant season for plant growth due to low temperatures rather than drought. Spring and fall are characterized by a rapid succession of warm and cold fronts associated with storm systems that generally move from a westerly direction. Summers are warm to hot. The higher humidity along the Atlantic coast causes the summer heat to feel more oppressive and the winter cold to feel more penetrating than for drier climates.

At times, the Appalachian Mountains provide some protection from arctic air outbreaks in the winter. The mountain barrier may cause warming of the air descending the eastern slopes by as much as 10°F (6°C). In situations when high pressure is located over New England and a low pressure system is over the Ohio Valley, cold low-level winds may travel southwestward and be held east of the mountains.

2.7.1.1 Winds

The prevailing winds at the surface are determined by the frequency and intensity of anticyclones and cyclones that persist or move over the area. The majority of anticyclonic circulation over the northern portion of North America in winter brings a high percentage of cold northwesterly winds to Maryland. Therefore, the prevailing winds are from the northwesterly quadrant from October through June. In the summer, this pattern changes as the semi-permanent Atlantic High moves northwestward and dominates the circulation of air over the eastern U.S. A flow of warm, moist air spreads over the area with winds from the southwesterly quadrant most of the time. During the summer, the northern portion of North America is dominated by low pressure and the mean storm track is displaced north of Maryland.

Surface mean wind speeds range from 9 to 10 mph (4 to 5 mps) in summer to 10 to 12 mph (5 to 5.4 mps) in winter and early spring. The highest mean wind speeds are associated with the frequent passages of well-developed cyclones and anticyclones in the early spring.

2.7.1.2 Storm Tracks

Almost all migrating cyclones and anticyclones cross the U.S. from west to east. The greater numbers of cyclones travel in a northeastward direction in a path about 300 to 500 mi (483 to 805 km) north of Maryland. Storms that originate in the Gulf of Mexico, the southeastern U.S. or adjacent Atlantic coastal regions, frequently move northeastward or northward along the Atlantic Coast and can bring violent, destructive weather to the Maryland region. As these storms, commonly referred to as Northeasters, approach from the south, strong easterly to northeasterly winds bring widespread rains and cause higher than normal tides along the Atlantic Coast and on the west side of the Chesapeake Bay. Tropical cyclones or hurricanes that develop in the West Indies, the Caribbean, or the Gulf of Mexico sometimes move into, but rarely pass entirely over the State of Maryland. These systems also cause cloudy weather, heavy rains, and high tides.

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2.7.1.3 Temperatures

Mean annual temperatures range from 48°F (9°C) in Northern Maryland to 58°F (14°C) in the lower Chesapeake Bay area. The winter climate on the Coastal Plain of Maryland is intermediate between the cold of the northeast and the mild weather of the South. The average frost penetration is about 5 in (12.7 cm) in extreme Southern Maryland; in extremely cold winters, maximum frost penetration may be double the average depth. Summer is characterized by considerable warm weather with at least several hot, humid periods. Nights are usually comfortable.

On the average, temperatures of 90°F (32°C) or higher occur 15 to 25 days per year along the shores of the Chesapeake Bay. The average number of days per year with minimum temperature of 32°F (0°C) or lower is about 80 along the shores of the southern Chesapeake Bay area. Average relative humidity is lower in the winter and early spring, from February through April, and highest in the late summer and early fall, from August to October.

2.7.1.4 Precipitation

Annual average precipitation is about 40 to 46 in (102 to 117 cm). Distribution is uniform throughout the year. Although the heaviest precipitation occurs in the summer, this is the season when severe droughts are most frequent. Summer precipitation is less dependable and more variable than in winter. Annual precipitation deficits of over 16 in (40 cm) occurred during extreme droughts of the 1930s, 1960s, and in the period from 1998-2002. Annual average snowfall along the coast ranges from 8 to 10 in (20 to 25 cm). Annual snowfall totals vary considerably from one year to another.

The most favorable situation for rain is when there is a well-developed high pressure system over New England or the St. Lawrence Valley and a well-developed low pressure system over Georgia, Tennessee or the Ohio Valley. The reverse of this situation usually produces clear, dry weather.

2.7.2 REGIONAL AIR QUALITY

2.7.2.1 Background

The Clean Air Act (USEPA, 1990), which was last amended in 1990, requires the U.S. Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards (CFR, 2007d) for pollutants considered harmful to public health and the environment. The Clean Air Act established two types of national air quality standards.

- Primary standards set limits to protect public health, including the health of "sensitive" populations such as asthmatics, children, and the elderly.
- Secondary standards set limits to protect public welfare, including protection against decreased visibility, damage to animals, crops, vegetation, and buildings.

The EPA Office of Air Quality Planning and Standards (OAQPS) has set National Ambient Air Quality Standards for six principal pollutants, which are called "criteria" pollutants. Units of measure for the standards are parts per million (ppm), milligrams per cubic meter of air (mg/m^3), and micrograms per cubic meter of air ($\mu g/m^3$). Areas are either in attainment of the air quality standards or in non-attainment. Attainment means that the air quality is better than the standard.

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2.7.2.2 Calvert County

Based on U.S. EPA data, Calvert County, Maryland, is in attainment for all the National Ambient Air Quality Standards (NAAQS) except for the eight hour ozone standard (USEPA, 2006a) as of December 5, 2006. The eight hour ozone standard is 0.08 ppm and attainment is determined by whether the 3 year average of the fourth highest daily maximum 8 hour average ozone concentrations measured at each monitor within an area over each year exceeds the standard. From Figure 2.7-1, it can be seen that the fourth highest 8 hour average ozone concentration for Calvert County during 2006 is greater than 0.08 ppm and less than or equal to 1.0 ppm. Non-attainment of the eight hour ozone standard is due to Calvert County's proximity to Washington, D.C. A non-attainment designation requires a plan to be sent to the U.S. EPA describing how the area will implement air quality improvements. Note that the Maryland Department of the Environment reported that ground-level ozone levels have continued to show significant improvements since the early 1990s (MDE, 2007).

Calvert County is part of the Southern Maryland Intrastate Air Quality Control Region (AQCR), as designated in 40 CFR 81.156 (CFR, 2007a). The attainment status of the Southern Maryland Intrastate AQCR with regard to national ambient air quality standards is listed as being better than national standards for total suspended particulates, sulfur dioxide, and nitrogen dioxide, and unclassifiable/attainment for carbon monoxide, PM-2.5 (particulate matter with diameter less than 2.5 microns), and for the 8 hour ozone standard (CFR, 2007b).

2.7.3 SEVERE WEATHER PHENOMENA

2.7.3.1 Tornadoes

Tornadoes occur infrequently in Maryland compared with areas such as the Great Plains. Of the ones that do occur, most are small and result in nominal losses. However, two strong tornadoes hit Central and Southern Maryland within an eight month period in 2001-2002. About 25% of the tornadoes occur in Southern Maryland. Approximately 70% of the tornadoes occur between 2:00 PM and 9:00 PM with most occurring from 3:00 PM to 6:00 PM. As can be seen in Figure 2.7-2 and Figure 2.7-3, the annual average number of tornadoes and strong-violent tornadoes (F2-F5) are four and one, respectively (USDC, 2000).

In the period from January 1, 1950, through December 31, 2006, 12 tornados were reported in Calvert County (USDC, 2007b). This corresponds to an annual average of 0.2 tornados per year. The magnitude of the tornados ranged from F0 to F2, as designated by the National Weather Service. An F0 tornado has estimated wind speeds less than 73 mph (33 mps). An F1 tornado has estimated wind speeds between 73 and 112 mph (33 and 50 mps). An F2 tornado has estimated wind speeds between 113 and 157 mph (50 and 70 mps). In Calvert County, the 12 tornadoes had paths with widths estimated to range from 51 to 600 ft (16 to 183 m).

Figure 2.7-4 shows the date of maximum tornado threat for locations meeting the minimum data requirements of the study (the gray shaded areas). This figure is from a study reported in the Weather and Forecasting journal of the American Meteorological Society (AMS, 2003), in which an estimate was made of the probability of an occurrence of a tornado day near any location in the contiguous U.S. for any time during the year. The study applied Gaussian smoothers in space and time to the observed tornado days from 1980 to 1999 to produce daily maps and annual cycles at any point on a 50 mi by 50 mi (80 km by 80 km) grid. Areas with a white background signify that there was not enough information to predict the maximum tornado threat date, not that a tornado would not or could not occur. Late July is indicated as the date of maximum tornado threat for the part of Maryland that includes the CCNPP site (AMS, 2003).

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NUREG/CR-4461, Revision 2, Table 5-1 (NRC, 2007a) presents tornado strike probabilities for the contiguous United States and for the West, Central, and East regions of the country. The listed tornado strike probability for the East region, in which CCNPP Unit 3 is located, is 2.58 X 10^{-5}. This value takes into account finite building dimensions and the variation of tornado intensity along and across the tornado path (see Section 4.0 of NRC, 2007a).

2.7.3.2 Hurricanes and Tropical Storms

Hurricanes sometimes move into but rarely pass entirely over the CCNPP site. National Hurricane Center statistics list only two direct hits on Maryland during the period from 1851 to 2004; neither of these was a major (greater than Category 2) hurricane (NOAA, 2005). Note that the Saffir-Simpson Hurricane Scale ranks hurricanes on a scale of 1-5 based on the intensity of the storm (NOAA, 2007a). In the eastern U.S., hurricane season begins June 1st and ends November 30th.

Table 2.7-1 shows the total and average number of tropical storms and hurricanes, by month, in the U.S., for the period 1851-2004 (NOAA, 2005). Note that most tropical storms and hurricanes occur in September.

The National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center reports that there were 42 tropical storms and hurricanes that passed within 100 statute miles (161 km) of Calvert County, Maryland, during the period from 1851 through 2006. Of these 42 events, three were Category 1 hurricanes, one was a Category 2 hurricane, and one was a Category 3 hurricane (NOAA, 2007b). The hurricanes occurred in the months of August, September, and October. The tropical storms occurred in the months of May, July, August, September, and October.

On September 1, 2006, the remnants of Tropical Storm Ernesto dropped between 7 and 10 in (18 to 28 cm) of rain in Calvert County. On July 3, 2003, the remnants of Tropical Storm Bill dropped over 2 in (5.1 cm) of rain in parts of Calvert County. On June 15, 2001, the remnants of Tropical Storm Allison dropped between 1.5 to 3.5 in (3.8 to 8.9 cm) of rain on Calvert County (USDC, 2007b).

2.7.3.3 Thunderstorms

Thunderstorms are reported at any given station in the vicinity of Calvert County on an average of 30 to 40 days per year based on information from the National Climatic Data Center. They occur in all months of the year, but the majority occur in May through August (75% to 80%). They occur less than once per month from November to February. Thunderstorms are most likely to occur during the afternoon and evening hours.

Table 2.7-2 presents the monthly mean number of days on which thunderstorms occurred in the region during the period from 1971 through 2002 using local climatology data from Baltimore, Maryland (USDC, 2002a), Norfolk, Virginia (USDC, 2002b), Richmond, Virginia (USDC, 2002c) and regional precipitation data (USDC, 2002d).

2.7.3.4 Lightning

A methodology was presented (Marshall, 1973) for estimating lightning strike frequencies that includes consideration of the attractive area of structures. The method consists of determining the number of lightning flashes to earth per year per square kilometer and then defining an area over which the structure can be expected to attract a lightning strike. There are four flashes to earth per year per square kilometer in the vicinity of the CCNPP site (conservatively estimated using Figure 2.7-5 (NOAA, 2007c)). The total attractive area, A, of a structure with

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length L, width W, and height H, for lightning flashes with a current magnitude of 50% of all lightning flashes is defined (Marshall, 1973) as:

$$A = LW + 4H (L + W) + 12.57 H^2$$

The following building dimensions were used to conservatively estimate the attractive area of CCNPP Unit 3 (these values are much larger than the dimensions for the tallest building which measure approximately 58 m x 58 m x 60 m; they are also larger than the approximate dimensions of the combined containment, the four safeguards buildings, the access building, the fuel building, and the nuclear auxiliary building):

L = 215 m, W = 140 m, H = 40 m

The total attractive area is therefore equal to 0.11 square kilometers.

Consequently, the lightning strike frequency computed using Marshall's methodology for CCNPP Unit 3 is 0.44 flashes per year.

2.7.3.5 Droughts

Droughts in Calvert County occur most frequently during the summer season based on data from the National Climatic Data Center. Annual precipitation deficits of over 16 in (40 cm) occurred during extreme droughts of the 1930s, 1960s, and in the period of 1998-2002.

2.7.3.6 High Winds

Table 2.7-3 presents occurrences of winds greater than 50 knots (58 mph (26 mps)) by storm type for Calvert County. These data were retrieved from the National Climatic Data Center (USDC, 2007b). During the period from June 2, 1980, through December 31, 2006, there were 17 recorded occurrences of wind speed ranging from 50 to 90 knots (58 to 104 mph (26 to 46 mps)). The highest wind speed was recorded on April 21, 2000.

2.7.3.7 Hail

Table 2.7-4 presents 20 hail events reported in Calvert County between October 9, 1962, and December 31, 2006. These data were retrieved from the National Climatic Data Center (USDC, 2007b). Hail stone diameters ranged from 0.75 to 2 in (1.9 to 5.1 cm). The largest hail stone diameter was recorded on July 15, 1996.

2.7.3.8 Ice Storms

Table 2.7-5 presents five ice storm events reported in Calvert County between January 14, 1999, and December 31, 2006. These data were retrieved from the National Climatic Data Center (USDC, 2007b). Ice thickness ranged from 0.2 to 1 in (0.5 to 2.5 cm). The largest ice accumulation was recorded on January 30, 2000.

2.7.3.9 Snow Storms

Table 2.7-117 presents snow storm events which occurred in Calvert County between December 28, 1993, and December 31, 2006. These data were retrieved from the National Climatic Data Center (USDC, 2007b). Snow amounts ranged from a trace to 16.5 inches (41.9 cm).

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2.7.4 LOCAL METEOROLOGY

The CCNPP site meteorological data was used in this analysis. These data are from the onsite meteorological monitoring program which was designed, and has been operated, according to Regulatory Guide 1.23, Revision 0 (NRC, 1972). The data recovery goal of 90% was met for each of the six years of data (2000 through 2005).

An analysis of the differences between Regulatory Guide 1.23, Revision 0, and Regulatory Guide 1.23, Revision 1 (NRC, 2007), was made and it was concluded that the guidance provided in the two versions of the document are so similar that there is no adverse impact from using the onsite meteorological data monitored for CCNPP Units 1 and 2 in analyses for CCNPP Unit 3.

The CCNPP site and Patuxent River Naval Air Station are located in climate division MD-03, Lower Southern, as designated by the U.S. National Climatic Data Center. A climate division represents a region within a state that is as climatically homogeneous as possible. Since both sites are in the same climate division, both are located on the shoreline of Chesapeake Bay, and the sites are located within 11 miles of each other, it is deemed acceptable to use meteorological statistics from Patuxent River Naval Air Station to represent the CCNPP site.

2.7.4.1 Temperature and Relative Humidity

Daily average and extremes of temperature from the CCNPP on-site meteorological monitoring program are presented in Table 2.7-118 for the period from January 2000 through December 2005. Monthly and annual temperature summaries from the CCNPP onsite meteorological monitoring program are presented in Tables 2.7-6 through Table 2.7-13 for the period from January 2000 through December 2005. Table 2.7-119 presents monthly and annual mean temperature summaries from the CCNPP on-site meteorological monitoring program for the period from January 1987 through December 2006.

The monthly mean extreme maximum temperature is defined as the highest of the monthly average values for each month over the data period. The monthly mean extreme minimum temperature is defined as the lowest of the monthly average values for each month over the data period. These values are determined by calculating the monthly average temperature for each month of each year and then identifying the maximum and minimum monthly average temperature value for each month over the data period.

The monthly mean temperature at the CCNPP site ranges from 34.3°F (1.3°C) in January to 75.1°F (23.9°C) in July. The monthly mean extreme maximum temperature was 78.3°F (25.7°C) in July and the monthly mean extreme minimum temperature was 29.5°F (-1.4°C) in January. The monthly mean daily maximum temperature was 81.8°F (27.7°C) in July and the monthly mean daily minimum temperature was 28.5°F (-1.9°C) in January. The maximum hourly temperature was 96.3°F (35.7°C) in July and the minimum hourly temperature was 8.5°F (-13.1°C) in December. The frequency of occurrence of hourly temperature values falling below the freezing point (32°F or 0°C) is less than 10%.

Temperature and humidity statistics from sites around the CCNPP site are presented in Tables 2.7-14 through 2.7-26 (ASHRAE, 2005) (USDC, 2002a) (USDC, 2002b) (USDC, 2002c) (USDC, 2002d). Dry bulb temperature values are from the 30 year period from 1971-2000. Wet bulb temperature values are from the 18 year period from 1983-2000. Note that the monthly mean temperatures measured at the CCNPP site show good correspondence with the values presented in these tables, for example, almost all of the mean monthly temperatures measured at the CCNPP site fall within the range of values reported by the surrounding stations.

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A comparison of the monthly average temperature values at CCNPP (Table 2.7-119) and the Patuxent River Naval Air Station (Table 2.7-14) was performed since Patuxent River NAS and CCNPP are located within 11 miles of each other and are both located in climate division MD-03, Lower Southern, as designated by the U.S. National Climatic Data Center. The comparison of the monthly average temperature values at CCNPP and the Patuxent River Naval Air Station was performed by determining the percent difference between the corresponding monthly values. The percent difference was defined as the absolute value of the difference between the monthly values times 100 and divided by the average of the monthly values. The comparison showed that the percent differences between the monthly average temperatures are within 3% of each other for all months, within 1.74% on average, and range from 0.26% to 2.65%. This shows good agreement between the two sites.

Tables 2.7-24 through 2.7-26 present the monthly design wet bulb temperature and the mean coincident dry bulb temperature for locations in the vicinity of CCNPP. These wet bulb temperature values correspond to 0.4%, 1.0%, and 2.0% cumulative frequency of occurrence for the indicated month (ASHRAE, 2005) and were determined by the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE). Data for the Patuxent River Naval Air Station, Maryland, are from the period 1982-2001. Data from Salisbury Wicomico County Airport, Maryland, are from the period 1982-2001. Data from Baltimore, Maryland, are from 1972-2001.

2.7.4.2 Precipitation and Fog

The monthly and annual precipitation summary from the CCNPP onsite meteorological monitoring program is presented in Tables 2.7-27 through 2.7-30 for the period from 2000-2005. Table 2.7-120 presents the monthly and annual precipitation summary from the CCNPP meteorological monitoring program for the period from January 1992 through December 2006. Precipitation statistics from NWS sites around CCNPP are presented in Table 2.7-31 through Table 2.7-33 for the period from 1971-2000.

Monthly and annual summaries of heavy fog (visibility less than 0.25 mi (0.2 km)) are presented in Table 2.7-34 for sites around the CCNPP site for the period from 1971 to 2000 (USDC, 2002a) (USDC, 2002b) (USDC, 2002c). The fog observations were made at the National Weather Service (NWS) stations at Baltimore, MD, Norfolk, VA, and Richmond, VA. The average number of days per year with heavy fog in Baltimore, MD, Norfolk, VA, and Richmond, VA are 24.4, 19.7, and 27.1, respectively.

Monthly average precipitation at the CCNPP site ranges from 1.53 in (3.89 cm) in February to 4.53 in (11.51 cm) in July. Monthly percent frequency of occurrence of precipitation at the CCNPP site ranges from 4.26% in September to 7.87% in April. The rainfall rate distribution presented in Table 2.7-29 indicates that heavy rainfalls occur infrequently at the CCNPP site. The maximum monthly precipitation measured at the CCNPP site corresponds well with the values from the NWS sites around the plant. The minimum monthly precipitation measured at the CCNPP site, however, does not correspond well with the values from the NWS sites around the plant; this may be due to the difference in the period of records (6 years for the CCNPP site versus 30 years for the NWS sites).

A comparison of the monthly average precipitation values at CCNPP and the Patuxent River Naval Air Station was performed since Patuxent River NAS and CCNPP are located within 11miles of each other and are both located in climate division MD-03, Lower Southern, as designated by the U.S. National Climatic Data Center. The comparison of the monthly average precipitation values at CCNPP (Table 2.7-120) and the Patuxent River Naval Air Station (Table 2.7-31) was performed by determining the percent difference between the corresponding

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monthly values. The percent difference was defined as the absolute value of the difference between the monthly values times 100 and divided by the average of the monthly values. The comparison showed that the percent differences between the monthly average temperatures are within 33% on average, and range from 8.73% to 68.91%. This shows poor agreement between the two sites. This may be due to the localized nature of convective precipitation events which are characterized by limited areal distribution, the suddenness with which they start and stop, and by rapid changes in intensity. Another potential factor to consider, in light of the fact that the CCNPP monthly average values are all lower than the Patuxent River Naval Air Station values, is that CCNPP does not employ a wind screen. Wind screens are used in open, exposed areas, which are subject to strong gusty winds to minimize the wind-caused loss of precipitation falling into the rain gauge.

Monthly precipitation wind roses at the CCNPP site for the 33 ft (10 m) and 197 ft (60 m) elevations are presented in Figures 2.7-6 through 2.7-29. These precipitation wind roses portray joint frequency distributions of wind speed and direction as a function of atmospheric stability for only the hours in which precipitation was recorded. Each of these monthly precipitation wind roses establishes that the most frequent wind direction has either a northerly or easterly component.

Monthly precipitation wind roses by precipitation rate classes at the CCNPP site for the 33 ft (10 m) and 197 ft (60 m) elevations are presented in Figures 2.7-30 through 2.7-172. These precipitation wind roses portray joint frequency distributions of wind speed and direction as a function of precipitation rate class for only the hours in which precipitation was recorded. For April through August and neglecting figures where there is only one observation, the figures show that for the larger precipitation rate classes (0.5 in/hr (1.3 cm/hr) and greater), the most frequent wind direction may have a southerly or westerly component. This could indicate high rainfall rates due to thunderstorms rather than offshore storms and their associated northeasterly winds.

2.7.4.3 Monthly Mixing Height Data and Inversion Summary

Monthly average mixing height values for the period 1996-2005 were calculated from the daily average values for each month of each year based on twice daily mixing height data from the National Climatic Data Center. These data were taken from the upper air and surface NWS stations closest to the CCNPP site (i.e., Wallops Island and Patuxent River, respectively). Overall monthly average mixing height values were calculated from the individual monthly average values; for example, the January overall monthly average mixing height value of 1978 ft (603 m) is the average of all of the individual January mixing height values. On average, the number of valid days of data per month (for months with data) ranged from 23 to 30 (that is, days that had both a morning and afternoon mixing height value). There were some months with no valid data. Data were unavailable for 17 out of 120 months with the majority of these months (15 of 17) being in 1996 and 1997. Since there are six years with 12 months of valid data and two years with 11 months of valid data, the missing data do not adversely impact the determination of the monthly and annual average mixing height values.

Figure 2.7-173 presents the monthly average mixing height values. Table 2.7-35 present the monthly average mixing height values in tabular form for meters and ft, respectively. As shown, the monthly average mixing heights ranged from 1,880 ft (573 m) in December to 2,959 ft (902 m) in July. The annual average mixing height was 2,454 ft (748 m).

Frequency and persistence of temperature inversion conditions at the CCNPP site are presented in Tables 2.7-36 through 2.7-41. These tables were developed using six years of

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onsite meteorological data (2000-2005). The maximum temperature inversion duration was 31 hours. Approximately two-thirds of the inversions lasted less than nine hours.

2.7.4.4 Wind Speed and Direction

Table 2.7-121 and Table 2.7-122 present annual joint frequency distributions (JFD's) of wind speed and direction as a function of atmospheric stability derived from the 2000-2006 data from the CCNPP on-site meteorological monitoring program. This set of JFD tables included the latest year of meteorological data available at the time. The hourly data used to calculate these tables were used to determine the atmospheric dispersion and deposition factors presented in this section and in FSAR Sections 2.3.4 and 2.3.5.

Tables 2.7-42 through 2.7-67 present annual and monthly joint frequency distributions of wind speed and direction as a function of atmospheric stability derived from the CCNPP onsite meteorological monitoring program. These tables were developed using six years of onsite meteorological data (2000-2005) following the guidance in Regulatory Guide 1.23, Revision 0 (NRC, 1972). An analysis of the differences between Regulatory Guide 1.23, Revision 0, and Regulatory Guide 1.23, Revision 1 (NRC, 2007), was made and it was concluded that the guidance provided in the two versions of the document are so similar that there is no adverse impact from using the onsite meteorological data monitored for CCNPP Units 1 and 2 in analyses for CCNPP Unit 3.

The annual prevailing wind direction (the direction from which the wind blows most often) at the CCNPP site at the 33 ft (10 m) level is from the southwest, approximately 14% of the time. Winds from the southwest through west sectors occur approximately 26% of the time. Conversely, winds from the northeast through east sectors occur approximately 14% of the time. The annual prevailing wind direction at the 197 ft (60 m) level is from the southwest, approximately 10% of the time. Winds from the southwest through west sectors occur approximately 20% of the time. Conversely, winds from the northeast through east sectors occur approximately 13% of the time. As is normally the case, there are more observations of calm winds at the lower level than at the upper level (0.33% versus 0.03%). At both the 33 ft (10 m) and 197 ft (60 m) levels, winds occur most infrequently from the east-southeast.

During the winter months (December through February), the prevailing wind direction at both levels is from the northwest, approximately 13% of the time at both levels. Winds from the southwest are the next most dominant, occurring approximately 11% of the time at the 33 ft (10 m) level and approximately 9% of the time at the 197 ft (60 m) level. During the spring months (March through May), the prevailing wind direction at both levels is from the southwest, approximately 12% of the time at the lower level and 11% of the time at the upper level.

During the summer months (June through August), the prevailing wind direction at both levels is from the southwest, approximately 18% of the time at the lower level and 14% of the time at the upper level. During the autumn months (September through November), the prevailing wind direction at the 33 ft (10 m) level is from the southwest, approximately 12% of the time. At the 197 ft (60 m) level, the prevailing wind directions are from the north-northeast and from the south-southwest, approximately 9% of the time. The north-northeast flow dominates in September and October and the south-southwest flow dominates in November.

The most prevalent wind speed class on an annual basis for the 33 ft (10 m) level is the 4 to 7 mph (1.8 to 3.1 mps) class, which occurs approximately 47% of the time. The most prevalent wind speed class on an annual basis for the 197 ft (60 m) level is the 8 to 12 mph (3.6 to 5.4 mps) class which occurs approximately 40% of the time.

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On a seasonal basis, the most prevalent wind speed class for the 33 ft (10 m) level is the 4 to 7 mph (1.8 to 3.1 mps) class which occurs approximately 42% of the time during the winter months (December through February), 45% of the time during the spring months (March through May), 54% during the summer months (June through August), and 46% during the autumn months (September through November). At the 197 ft (60 m) level, the most prevalent wind speed class is the 8 to 12 mph (3.6 to 5.4 mps) which occurs approximately 38% during the winter months (December through February), 38% during the spring months (March through May), 47% during the summer months (June through August), and 38% during the autumn months (September through November).

Figure 2.7-208 presents the wind speed class frequency distribution for Patuxent River Naval Air Station (NAS), Maryland, for the years 2000 through 2005. Note that the most prevalent wind speed class on an annual basis for the 33 ft (10 m) level at CCNPP (4-7 mph (1.8-3.1 mps)) is lower than the most prevalent wind speed class at Patuxent River NAS (6.7-8.9 mph 3.0-4.0 mps)). Tables 2.7-68 through 2.7-70 present monthly and annual summaries of wind speed and direction for three stations around the CCNPP site, i.e., Baltimore/Washington International Airport, Norfolk, Virginia, and Richmond, Virginia (USDC, 2002a) (USDC, 2002b) (USDC, 2002c). Note that the most prevalent wind speed class on an annual basis for the 33 ft (10 m) level at CCNPP (4-7 mph (1.8-3.1 mps)) is lower than the average annual wind speeds at the same measurement height presented for these three stations (8.9 mph (4.0 mps), 10.5 mph (4.7 mps), and 7.9 mph (3.5 mps), respectively); this would lead to more conservative atmospheric dispersion estimates using the CCNPP onsite meteorological data.

Figures 2.7-174 through 2.7-199 depict annual and monthly wind rose plots of the CCNPP 2000-2005 meteorological data for the 33 ft (10 m) and 197 ft (60 m) elevations.

Figures 2.7-200 through 2.7-202 and Figure 2.7-209 depict multi-year average annual wind rose plots for three stations around CCNPP site, i.e., Baltimore/Washington International Airport, Norfolk, Virginia, and Richmond, Virginia, and, Patuxent River NAS, Maryland, (USEPA, 2006b; NCDC, 2008).

A comparison of the CCNPP 33 ft (10 m) annual wind rose with the Patuxent River NAS annual wind rose was made over the period 2000 through 2005. The annual prevailing wind direction (the direction from which the wind blows most often) at the CCNPP site at the 33 ft (10 m) level is from the southwest, approximately 14% of the time. The annual prevailing wind direction at Patuxent River NAS is from the north, approximately 10% of the time. Winds from the southwest through west sectors occur approximately 26% of the time at CCNPP. Conversely, winds from the northeast through east sectors occur approximately 14% of the time at CCNPP. Winds from the southwest through west sectors occur approximately 23% of the time at Patuxent River NAS. Conversely, winds from the northeast through east sectors occur approximately 17% of the time at Patuxent River NAS. At both sites, winds occur most infrequently from the east-southeast (approximately 2.5% at CCNPP and approximately 1.5% at Patuxent River NAS). The mismatch in prevailing wind direction may be due to the differences in the location of the sites with respect to the Chesapeake Bay (CCNPP has the Bay to the east; Patuxent River NAS has the Bay to the north).

2.7.4.5 Wind Direction Persistence Summary

Tables 2.7-71 through 2.7-84 present annual wind direction persistence summaries at the CCNPP site for the 33 ft (10 m) and 197 ft (60 m) elevations. They were generated using six years of onsite meteorological data (2000–2005). Table 2.7-77 and Table 2.7-84 present an average of the six individual year summaries for both elevations.

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The majority of the time, approximately 86%, wind direction persistence events last for less than four hours at both measurement elevations. Wind direction persistence events lasting 12 hours occur six and eight times per year on the average for the lower and upper measurement level, respectively. Wind direction persistence events lasting greater than 24 hours occur once per year on the average for the lower and upper measurement level.

2.7.4.6 Atmospheric Stability Persistence Summary

Depending on the amount of incoming solar radiation and other factors, the atmosphere may be more or less turbulent at any given time. Meteorologists have defined atmospheric stability classes, each representing a different degree of turbulence in the atmosphere. When moderate to strong incoming solar radiation heats air near the ground, causing it to rise and generate large eddies, the atmosphere is considered unstable, or relatively turbulent. Unstable conditions are associated with atmospheric stability classes A and B. When solar radiation is relatively weak or absent, air near the surface has a reduced tendency to rise, and less turbulence develops. In this case, the atmosphere is considered stable, or less turbulent, and the stability class would be E, F, or G. Stability classes D and C represent conditions of more neutral stability, or moderate turbulence. Neutral conditions are associated with relatively strong wind speeds and moderate solar radiation.

Atmospheric stability is determined by the delta temperature method as defined in Regulatory Guide 1.23, Revision 0 (NRC, 1972) and Revision 1 (NRC, 2007). This methodology classifies atmospheric stability based on the temperature change with height (°C per 100 m). At CCNPP, atmospheric stability is classified according to the difference between the temperature measurements at the 197 ft (60 m) and 33 ft (10 m) levels.

Tables 2.7-85 through 2.7-98 present annual atmospheric stability persistence summaries at the CCNPP site for the 33 ft (10 m) and 197 ft (60 m) elevations. They were generated using six years of onsite meteorological data (2000–2005). Tables 2.7-91 and 2.7-98 present an average of the six individual year summaries for both elevations.

The majority of the time, approximately 78%, stability persistence events last for less than four hours. Stability persistence events lasting 12 hours occur 19 times per year on the average and events lasting for greater than 24 hours occur nine times per year on the average.

Table 2.7-123 presents the monthly atmospheric stability summary. It was generated using six years of on-site meteorological data (2000 - 2005).

2.7.5 MAXIMUM TERRAIN HEIGHTS AND TOPOGRAPHIC MAPS

Figures 2.7-203 and 2.7-204 present the maximum terrain heights from 0 to 5 mi (0 to 8 km) and from 0 to 50 mi (0 to 80 km), respectively, from the CCNPP site. Figures 2.7-205 and 2.7-206 present detailed topographic features (as modified by the plant) on a large scale within an 5 mi (8 km) radius of the station and a smaller scale map showing topography within a 50 mi (80 km) radius of the station, respectively.

These figures indicate that the highest terrain in the vicinity of the CCNPP site is in the west through north-northwest sectors. The Chesapeake Bay lies in the north through southwest sectors. The CCNPP site consists of low rolling hills. Elevations across the site range from 0 ft (0 m) msl (at the shoreline of the Chesapeake Bay) to 150 ft (46 m) msl. There is a hill approximately 110 ft (34 m) msl to the southeast of CCNPP Units 1 and 2. Another hill south-southeast of CCNPP Units 1 and 2 will be graded for CCNPP Unit 3. The terrain falls off steeply to the shore of the Chesapeake Bay.

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CCNPP Unit 3 will be south of CCNPP Units 1 and 2. Some portions of the CCNPP site will be cleared of existing vegetation and graded to accommodate CCNPP Unit 3 and its ancillary structures. These terrain modifications would be limited to the CCNPP Unit 3 site and the immediately surrounding area. Therefore, it will not represent a significant alteration to the topographic character of the region around the CCNPP site.

2.7.6 ATMOSPHERIC DISPERSION FACTORS

2.7.6.1 Long-Term Routine Effluent Atmospheric Dispersion and Deposition Values

Tables 2.7-99 through 2.7-114 present atmospheric dispersion factors (χ/Q 's) determined using methodologies from Regulatory Guide 1.111, Revision 1 (NRC, 1977) as implemented in the AREVA NP computer code AEOLUS3, and seven years of on-site meteorological data (2000-2006). The values are normal effluent annual average atmospheric dispersion and deposition factors determined using the following input data (expressed in metric units as required by the computer model) and assumptions:

- Seven years of onsite meteorological data (2000–2006)
- Type of release: mixed mode
- Plume meander was considered.
- The open terrain recirculation correction factors (RCF's) from RG 1.111, Rev. 0 (NRC, 1976), were used since no site-specific RCF's were available.
- Wind speed extrapolation with height, where applicable, was done using the coefficients from XOQDOQ.
- Dispersion coefficients (σ_y and σ_z) were computed using the Eimutis/Konicek model in XOQDOQ.
- Depletion and deposition were computed using the RG 1.111, Rev. 1 (NRC, 1977) curves.
- Wet deposition effects were not evaluated.
- No credit was taken for decay-in-transit of noble gases and iodines.
- Wind sensor height: 10 m
- Vertical temperature difference: 60 m temperature – 10 m temperature
- Number of wind speed categories: 12
- Release height: 62 m
- Cross-sectional area of building adjacent to the release point causing building wake effects: 2,940 m^2
- Height of containment building: 60 m
- Distance from the stack to the nearest site boundary: 429.4 m

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- Distance from the stack to the nearest resident: 1,770.0 m
- Distance from the stack to the nearest vegetable garden: 1,770.0 m

More detailed information on input to AEOLUS3 is provided in Table 2.7-125.

Computer code AEOLUS3 is based on a straight-line trajectory Gaussian plume model with an optional "sea breeze" model (which evaluates the effects of the thermal internal boundary layer on plume vertical diffusion) and an optional "valley" model (which evaluates the effects of the valley configuration on plume transport and horizontal diffusion). The user may select to consider plume depletion by wet deposition, dry deposition, and radioactive decay. The computed ground-level concentration can be modified to account for plume recirculation or stagnation. The code computes an effective plume height that accounts for physical height, aerodynamic downwash, plume rise, and terrain heights.

AEOLUS3 generates the following types of atmospheric dispersion factors:

- Concentration χ/Q values that can be used to convert effluent release rates to ground-level concentrations at receptors of interest;
- Gamma χ/Q values that can be used to determine external gamma doses from finite clouds of radioactive material; and
- Deposition D/Q values that can be used for assessing ground-shine and ingestion radiation exposure.

The largest undepleted, undecayed χ/Q value determined at the site boundary is 1.379E-05 sec/m^3 in the NE sector. The largest undepleted, undecayed χ/Q value determined at the locations of nearest residents is 8.707E-07 sec/m^3 in the SE sector 5,164 ft (1,574 m) downwind. The largest undepleted, undecayed χ/Q value determined at the locations of nearest vegetable gardens is 8.707E-07 sec/m^3 in the SE sector 5,164 ft (1,574 meters) downwind. There are no meat animals within 5 mi (8 km) of the CCNPP site.

2.7.6.2 Fiftieth Percentile Atmospheric Dispersion Factors

Making use of the methodology in Sections 1.4 and 2.2 of Regulatory) Guide 1.145, the 0-2 hour 50th percentile value and the five percentile values for all accident time periods, the 50th percentile values, for the 2-8 hour, 8-24 hours, 1-4 days, and 4-30 days time periods were determined for the LPZ.

Regulatory Guide 1.145 (NRC, 1982) requires the following steps to be performed for computation of the accident atmospheric dispersion factors (χ/Q) at the Low Population Zone (LPZ):

1. The 2-hour accident χ/Q and the annual average χ/Q are determined for each sector at the outer LPZ boundary distances.
2. The two values for any given sector (the 2-hour accident χ/Q and the annual average χ/Q are plotted on a log-log graph, and values at other time intervals of interest are determined through logarithmic interpolation between these two points.
3. The time periods should be selected to represent appropriate meteorological time regimes (an 8-hour interval for releases during the first 8 hours of the postulated

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accident, a 16-hour interval for releases between 8 and 24 hours, a 3-day interval for releases between 1 and 4 days, and a 26-day interval for releases between 4 and 30 days).

Since the annual average χ/Q is an integral part of the model for determination of accident χ/Q values, it is possible to use the Regulatory Guide 1.145 (NRC, 1982) methodology in reverse order to determine the annual average χ/Q which was used in the computation of the accident χ/Q values. The accident χ/Q values and the annual χ/Q value should be on a straight line when plotted on a log-log graph.

Analysis assumptions included:

- For ground level releases modeled using the computer code AEOLUS3, terrain heights are not used. (Per Reg. Guide 1.145, Revision 1 (NRC, 1982) Section 1 3.2, release-point and receptor elevations are assumed to be the same.)
- Releases from the Stack for DBA analyses are at a height that is less than 2.5 times the height of adjacent solid structures and are therefore assumed to be ground level releases. (Per Reg. Guide 1.145, Revision 1 (NRC, 1982) Section 1.3.2.
- For EAB/LPZ atmospheric dispersion factors for DBAs, all post-accident release points were based on the ground level release model with no dispersion credit for building wake effects. However, plume meander, which predominates building wake effects during short time intervals, is accounted for.

Table 2.7-124 presents design input used in the accident effluent analysis.

Table 2.7-115 presents fiftieth percentile atmospheric dispersion factors for use in evaluating the environmental impact of design basis accidents using realistic values per Section 7.1. These factors were determined using the methodology of Regulatory Guide 1.145 (NRC, 1982) as implemented in the AREVA NP computer code AEOLUS3.

The fiftieth percentile atmospheric dispersion factor for the 0-2 hour time period at the Low Population Zone (LPZ) is 1.527E-05 sec/m^3.

2.7.7 NOISE

The principal noise sources associated with normal operation of CCNPP Unit 3 are the switchyard, transformers, and Circulating Water Supply System cooling tower. In addition, two of the four Emergency Service Water System cooling towers will normally be in operation. Previous environmental assessments, however, excluded noise measurements made at the CCNPP site and surrounding environs that could be used to establish a baseline noise level (BGE, 1970) (BGE, 1971) (BGE, 1998). For this reason, a survey was conducted in November 2006 to measure ambient environmental community noise levels.

CCNPP Unit 3 will use the existing transmission lines used for CCNPP Units 1 and 2 as discussed in Section 3.7. The environmental impact of noise associated with the transmission lines was previously assessed in the CCNPP Units 1 and 2 license renewal application (BGE, 1998) and the NRC's application review (NRC, 1999). In NUREG-1437 (NRC, 1996), the NRC defined the environmental issue of noise associated with the transmission lines as small for all plants. Therefore, no additional data for transmission lines has been provided.

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2.7.7.1 Environmental Noise Survey

Environmental sound levels were measured continuously at eight area-wide locations over a 45 hour period during leaf-off seasonal conditions. As a result, any noise emissions from CCNPP Units 1 and 2 would be highest due to the lack of tree leaf noise reduction.

Figure 2.7-207 shows the location of the eight monitoring sites. There are single-family residences at locations N1 through S3, except for location P1, which are representative of the closest potentially sensitive receptors in all directions from the CCNPP site. P1 was placed near where CCNPP Units 1 and 2 are audible and dominant. In addition, four eagle nest sites are situated in the site vicinity: two to the south in areas of expected low ambient sound levels, one to the north near the site, and one in the laydown area. The closest potentially sensitive receptors represent existing conditions and can be used to assess potential noise impacts from CCNPP Unit 3.

The instantaneous sound level was measured at each location on a continuous and simultaneous basis over the 45 hour period using precision data loggers. In addition, attended measurements were carried out at each location during day and night periods using hand-held precision data loggers.

2.7.7.2 Metrics for Noise Assessment

The universal measure of noise in decibels is the A-weighted sound level, abbreviated dB(A) or dBA. The overall sound level is defined as the summed level in decibels over the entire audible frequency range of approximately 20 to 20,000 cycles/second (Hertz). The A-weighted sound level is a convenient single number to quantify the entire spectrum of a sound.

Percentile levels, or exceedence levels, designated L_1, L_{10}, L_{50} and L_{90} are statistically derived units over the sampling period. They are the levels exceeded for 1%, 10%, 50% and 90% of the sampling time. The L_{90} percentile level is the most common for evaluating community noise in residential environments. L_{90} is the "residual" sound level, which is the quasi-steady level that occurs in the absence of all identifiable sporadic sound levels occurring over the interval. The vast majority of all residual sound levels found in communities come from far away, unidentifiable steady levels from traffic or industrial sources.

The average, designated Leq, is the equivalent steady sound level that has the same acoustic energy as the actual time varying signal. It is the energy average, not the arithmetic average over the period. The 24 hour day-night sound level, or Ldn, is calculated from the average hourly Leq sound level over a 24 hour period, with a 10 dBA weighting factor added to all levels during the nighttime period from 10 PM to 7 AM to account for greater sensitivity to noise at night. The State of Maryland (MD, 2007) regulates the maximum allowable noise levels at residential receptors to 65 dBA during the daytime (7 AM to 10 PM) and 55 dBA during the nighttime (10 PM to 7 AM). These regulatory limits are intended to achieve environmental "goals," which for a residential area is a Ldn value equal to 55 dBA (MD, 2007). This level is the same as recommended by the U.S. Environmental Protection Agency (EPA) to the Department of Housing and Urban Development (HUD) as a goal for outdoors in residential areas as part of noise abatement and control (CFR, 2007c). However, for the purposes of the HUD regulation, sites with a Ldn value of 65 dBA and below are acceptable and allowable (CFR, 2007c).

2.7.7.3 Results

Figure 2.7-208 plots the hourly residual (L_{90}) sound levels at the residential locations for the survey period. The plot illustrates that sound levels follow increasing wind speed, which is due to higher tree branch and grass movement sounds created at all of the heavily wooded

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locations. The plot also shows that the levels are highest close to the four-lane Maryland State Highway 2/4 and quietest at remote locations. This indicates that the residual sound level in the CCNPP site area is dominated by traffic noise. On the other hand, there was no observed audible plant noise from the existing plant at any of the locations, day or night, although both units were operating continuously. Therefore, all measured ambient sound levels can be attributed to normal, current environmental sources, such as traffic noise, and are not related to CCNPP Units 1 and 2.

Table 2.7-116 tabulates the major survey results at all locations for commonly used sound level metrics to assess noise impact. Location P1 is at the plant and can be considered the control point. The other locations are at or near residences. Whether the Maryland environmental goal of Ldn equal to 55 dB(A) is realized depends on location and environmental conditions. More remote locations (S2 and S3), for example, are within the environmental goal. Conversely, locations near noise sources, such as Maryland State Highway 2/4 (W2) or an existing saw mill (W3), are above or near the environmental goal. Wind conditions also have an effect, as the Ldn increases with increased wind speed. Apart from these effects, Ldn noise levels of below 60 to 65 dB(A) are considered to be of small significance, as noted in Section 4.3.7 of NUREG-1437 (NRC, 1996). All measurements taken had a Ldn value below 65 db(A) except near the highway (W2) and on the plant site (P1).

The survey results document existing conditions for a typical and representative period during the leaf-off season. During leaf-on season, fully leafed trees would attenuate or reduce traffic noise from Maryland State Highway 2/4 and any existing plant emissions, both factors tending to decrease residual sound levels.

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Table 2.7-1—Total and Average Numbers of Tropical Storms and Hurricanes

	Tropical Storms[1]		Hurricanes		U.S. Hurricanes	
Month	**Total**	**Average**	**Total**	**Average**	**Total**	**Average**
January-April	5	*	1	*	0	0.00
May	18	0.1	4	*	0	0.00
June	76	0.5	28	0.2	19	0.12
July	94	0.6	47	0.3	23	0.15
August	336	2.2	214	1.4	74	0.48
September	448	2.9	309	2.0	102	0.67
October	273	1.8	154	1.0	50	0.33
November	58	0.4	38	0.2	5	0.03
December	8	0.1	4	*	0	0.00
Year	1,316	8.5	799	5.2	273	1.78

Notes:

1. Includes subtropical storms after 1967. See Neumann et al. (1999) for details.

* Less than 0.05.

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Table 2.7-2—Monthly Mean Number of Days with Thunderstorms

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	0.3	0.2	0.8	2.4	4.0	5.4	5.8	4.9	2.0	1.0	0.4	0.1	27.3
Norfolk, VA	0.4	0.6	1.9	2.7	5.0	5.6	8.0	6.5	2.7	1.3	0.5	0.4	35.6
Richmond, VA	0.2	0.4	1.6	2.5	5.3	6.5	8.1	6.2	2.9	1.0	0.6	0.2	35.5

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Table 2.7-3—High Winds by Storm Type in Calvert County

Date	Time	Wind Speed knots (mps)	Storm Type
6/3/1980	4:20 PM	52 (27)	Thunderstorm
7/1/1990	2:15 PM	52 (27)	Thunderstorm
5/4/1996	9:08 PM	60 (31)	Thunderstorm
10/8/1996	2:30 PM	67 (34)	High Wind
1/13/2000	12:00 PM	56 (29)	High Wind
4/21/2000	3:00 PM	90 (46)	Thunderstorm
3/13/2001	10:20 PM	52 (27)	Thunderstorm
6/11/2003	9:35 PM	50 (26)	Thunderstorm
6/27/2003	2:38 PM	50 (26)	Thunderstorm
7/18/2003	3:55 PM	50 (26)	Thunderstorm
8/5/2003	9:00 PM	50 (26)	Thunderstorm
8/16/2003	4:11 PM	50 (26)	Thunderstorm
8/26/2003	4:15 PM	55 (28)	Thunderstorm
5/25/2004	9:05 PM	50 (26)	Thunderstorm
7/5/2005	6:45 PM	50 (26)	Thunderstorm
1/14/2006	5:15 PM	52 (27)	High Wind
9/1/2006	11:00 AM	55 (28)	High Wind

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Table 2.7-4—Hail Events in Calvert County

Location or County	Date	Time	Type	Diameter
Calvert	10/9/1962	600	Hail	0.75 in 19.05 mm
Calvert	4/1/1993	1745	Hail	0.88 in 22.35 mm
Calvert	9/26/1994	1625	Hail	0.75 in 19.05 mm
Prince Frederick	7/15/1996	3:07 PM	Hail	2.00 in 50.80 mm
Prince Frederick	3/29/1997	1:30 PM	Hail	1.75 in 44.45 mm
St Leonard	6/15/1998	5:45 PM	Hail	1.75 in 44.45 mm
Lusby	6/15/1998	6:55 PM	Hail	0.75 in 19.05 mm
Buena Vista	4/9/1999	5:30 PM	Hail	1.50 in 38.10 mm
Island Creek	4/9/1999	5:30 PM	Hail	1.25 in 31.75 mm
Solomons	4/9/1999	5:30 PM	Hail	1.00 in 25.40 mm
Island Creek	4/23/1999	3:40 PM	Hail	1.00 in 25.40 mm
Prince Frederick	4/23/1999	3:45 PM	Hail	1.50 in 38.10 mm
Lusby	4/23/1999	4:42 PM	Hail	0.75 in 19.05 mm
Solomons	4/23/1999	4:42 PM	Hail	1.50 in 38.10 mm
Dunkirk	4/21/2000	5:15 PM	Hail	1.00 in 25.40 mm
Huntingtown	7/16/2000	1:30 PM	Hail	0.88 in 22.35 mm
Bowens	4/28/2002	6:25 PM	Hail	1.75 in 44.45 mm
Prince Frederick	4/28/2002	6:35 PM	Hail	1.75 in 44.45 mm
Prince Frederick	5/5/2004	5:35 PM	Hail	0.88 in 22.35 mm
Chesapeake Beach	4/23/2005	4:23 PM	Hail	0.75 in 19.05 mm

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Table 2.7-5—Ice Storm Events in Calvert County

Start Date and Time	End Date and Time	Ice Thickness
01/14/1999 01:00 AM	01/15/1999 11:00 AM	Trace to 0.25 in Trace to 6.35 mm
01/30/2000 03:00 AM	01/30/2000 08:00 PM	0.25 to 1.0 in 6.35 to 25.4 mm
12/14/2003 03:00 AM	12/14/2003 07:00 PM	Light accumulations
01/17/2004 06:00 PM	01/18/2004 04:00 PM	Up to 0.20 in Up to 5.08 mm
12/09/2005 03:00 AM	12/09/2005 08:00 AM	Up to 0.20 in Up to 5.08 mm

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Table 2.7-6—CCNPP Monthly Mean Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	34.3	38.1	45.1	55.0	63.4	71.6	75.1	75.0	69.0	58.5	51.6	38.4	56.3
°C	1.3	3.4	7.3	12.8	17.4	22.0	23.9	23.9	20.6	14.7	10.9	3.6	13.5

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Table 2.7-7—CCNPP Monthly Mean Extreme Maximum Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	40.9	41.6	52.0	57.1	69.4	72.8	78.3	77.5	72.1	60.4	59.5	45.0	78.3
°C	4.9	5.3	11.1	13.9	20.8	22.7	25.7	25.3	22.3	15.8	15.3	7.2	25.7

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Table 2.7-8—CCNPP Monthly Mean Extreme Minimum Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	29.5	33.1	40.3	53.2	58.8	69.1	72.0	72.4	65.9	57.2	45.4	31.4	29.5
°C	-1.4	0.6	4.6	11.8	14.9	20.6	22.2	22.4	18.8	14.0	7.4	-0.3	-1.4

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Table 2.7-9—CCNPP Monthly Mean Daily Maximum Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	40.6	45.4	52.7	63.3	70.8	78.8	81.8	81.4	75.2	65.3	58.9	44.7	78.3
°C	4.8	7.4	11.5	17.4	21.6	26.0	27.7	27.4	24.0	18.5	14.9	7.1	25.7

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Table 2.7-10—CCNPP Monthly Mean Daily Minimum Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	28.5	31.7	38.1	47.4	56.3	64.8	68.7	69.3	63.1	51.7	44.5	32.2	49.7
°C	-1.9	-0.2	3.4	8.6	13.5	18.2	20.4	20.7	17.3	10.9	6.9	0.1	9.8

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Table 2.7-11— CCNPP Maximum Hourly Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	77.2	75.6	84.0	90.7	89.8	91.4	96.3	93.9	87.6	86.0	78.6	72.9	96.3
°C	25.1	24.2	28.9	32.6	32.1	33.0	35.7	34.4	30.9	30.0	25.9	22.7	35.7

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Table 2.7-12—CCNPP Minimum Hourly Temperatures (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	9.2	15.0	16.2	29.4	39.9	51.8	55.6	55.0	43.3	32.7	22.0	8.5	8.5
°C	-12.7	-9.4	-8.8	-1.4	4.4	11.0	13.1	12.8	6.3	0.4	-5.6	-13.1	-13.1

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Table 2.7-13—CCNPP Number of Hourly Temperature Values Compared to Indicated Value (2000-2005)

Value	Number of Hours of Occurrence	Percent Frequency of Occurrence
≥ 95.0°F	3	0.006
≥ 90.0°F	137	0.262
≤ 32.0°F	5062	9.663
≤ 00.0°F	0	0.000

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Table 2.7-14—Monthly Mean Temperatures (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	°F	32.3	35.5	43.7	53.2	62.9	71.8	76.5	74.5	67.4	55.4	45.5	36.7	54.6
	°C	0.2	1.9	6.5	11.8	17.2	22.1	24.7	23.6	19.7	13.0	7.5	2.6	12.6
Annapolis, MD	°F	32.8	35.1	43.6	53.6	63.6	72.4	77.5	75.6	68.3	56.6	46.0	37.7	55.2
	°C	0.4	1.7	6.4	12.0	17.6	22.4	25.3	24.2	20.2	13.7	7.8	3.2	12.9
Cambridge, MD	°F	36.1	39.0	46.8	56.2	65.7	74.4	78.9	77.1	70.8	59.7	50.2	41.0	58.0
	°C	2.3	3.9	8.2	13.4	18.7	23.6	26.1	25.1	21.6	15.4	10.1	5.0	14.4
Princess Anne, MD	°F	36.3	38.5	46.0	54.4	63.5	71.9	76.6	74.8	68.6	57.5	48.7	40.3	56.4
	°C	2.4	3.6	7.8	12.4	17.5	22.2	24.8	23.8	20.3	14.2	9.3	4.6	13.6
Patuxent River NAS	°F	36.1	38.2	45.9	55.3	64.8	73.2	78.1	76.8	70.6	59.4	49.9	40.8	57.4
	°C	2.3	3.4	7.7	12.9	18.2	22.9	25.6	24.9	21.4	15.2	9.9	4.9	14.1
Mechanicsville, MD	°F	34.9	37.9	46.2	55.3	63.9	72.0	76.6	74.8	68.3	56.7	47.9	39.5	56.2
	°C	1.6	3.3	7.9	12.9	17.7	22.2	24.8	23.8	20.2	13.7	8.8	4.2	13.4

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Table 2.7-15—Monthly Mean Maximum Temperatures (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	°F	41.2	44.8	53.9	64.5	73.9	82.7	87.2	85.1	78.2	67.0	56.3	46.0	65.1
	°C	5.1	7.1	12.2	18.1	23.3	28.2	30.7	29.5	25.7	19.4	13.5	7.8	18.4
Annapolis, MD	°F	41.8	45.0	54.3	65.1	74.8	83.2	87.7	85.3	78.0	66.9	55.7	46.8	65.4
	°C	5.4	7.2	12.4	18.4	23.8	28.4	30.9	29.6	25.6	19.4	13.2	8.2	18.6
Cambridge, MD	°F	45.0	48.6	57.0	67.7	76.9	85.3	89.4	87.3	81.1	70.5	60.2	50.1	68.3
	°C	7.2	9.2	13.9	19.8	24.9	29.6	31.9	30.7	27.3	21.4	15.7	10.1	20.2
Princess Anne, MD	°F	46.6	49.1	57.6	67.5	76.2	84.0	88.4	86.4	81.0	70.6	60.3	51.0	68.2
	°C	8.1	9.5	14.2	19.7	24.6	28.9	31.3	30.2	27.2	21.4	15.7	10.6	20.1
Patuxent River NAS	°F	43.9	46.5	54.8	64.8	73.6	81.5	86.1	84.8	78.8	68.3	58.5	48.7	65.9
	°C	6.6	8.1	12.7	18.2	23.1	27.5	30.1	29.3	26.0	20.2	14.7	9.3	18.8
Mechanicsville, MD	°F	43.5	47.2	56.7	66.8	74.3	82.0	86.1	84.0	77.4	66.3	57.8	48.4	65.9
	°C	6.4	8.4	13.7	19.3	23.5	27.8	30.1	28.9	25.2	19.1	14.3	9.1	18.8

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Table 2.7-16—Monthly Mean Minimum Temperatures (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	°F	23.5	26.1	33.6	42.0	51.8	60.8	65.8	63.9	56.6	43.7	34.7	27.3	44.2
	°C	-4.7	-3.3	0.9	5.6	11.0	16.0	18.8	17.7	13.7	6.5	1.5	-2.6	6.8
Annapolis, MD	°F	23.8	25.1	32.8	42.1	52.3	61.6	67.3	65.8	58.5	46.3	36.2	28.6	45.0
	°C	-4.6	-3.8	0.4	5.6	11.3	16.4	19.6	18.8	14.7	7.9	2.3	-1.9	7.2
Cambridge, MD	°F	27.2	29.3	36.5	44.7	54.5	63.5	68.3	66.9	60.5	48.8	40.1	31.8	47.7
	°C	-2.7	-1.5	2.5	7.1	12.5	17.5	20.2	19.4	15.8	9.3	4.5	-0.1	8.7
Princess Anne, MD	°F	26.0	27.8	34.3	41.2	50.8	59.8	64.7	63.1	56.2	44.4	37.1	29.5	44.6
	°C	-3.3	-2.3	1.3	5.1	10.4	15.4	18.2	17.3	13.4	6.9	2.8	-1.4	7.0
Patuxent River NAS	°F	28.3	29.9	36.9	45.7	55.9	64.8	70.0	68.7	62.4	50.4	41.2	32.8	48.9
	°C	-2.1	-1.2	2.7	7.6	13.3	18.2	21.1	20.4	16.9	10.2	5.1	0.4	9.4
Mechanicsville, MD	°F	26.3	28.5	35.6	43.7	53.4	61.9	67.0	65.5	59.1	47.0	38.0	30.6	46.4
	°C	-3.2	-1.9	2.0	6.5	11.9	16.6	19.4	18.6	15.1	8.3	3.3	-0.8	8.0

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Table 2.7-17—Monthly Mean Wet Bulb Temperatures (1983-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	°F	30.9	33.0	38.6	47.9	57.1	66.0	70.0	68.5	62.3	51.9	40.3	32.0	49.9
	°C	-0.6	0.6	3.7	8.8	13.9	18.9	21.1	20.3	16.8	11.1	4.6	0.0	9.9
Norfolk, VA	°F	37.5	39.3	44.1	52.0	60.3	68.4	69.0	71.7	63.1	57.2	48.6	40.6	54.3
	°C	3.1	4.1	6.7	11.1	15.7	20.2	20.6	22.1	17.3	14.0	9.2	4.8	12.4
Richmond, VA	°F	34.3	36.7	41.9	50.7	59.4	67.3	71.5	66.2	63.8	53.8	44.9	36.7	52.3
	°C	1.3	2.6	5.5	10.4	15.2	19.6	21.9	19.0	17.7	12.1	7.2	2.6	11.3

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Table 2.7-18—Monthly Mean Dew Point Temperatures (1983-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	°F	23.6	25.1	30.1	40.3	51.4	61.5	65.9	64.7	58.4	47.1	34.4	25.4	44.0
	°C	-4.7	-3.8	-1.1	4.6	10.8	16.4	18.8	18.2	14.7	8.4	1.3	-3.7	6.7
Norfolk, VA	°F	31.0	32.5	37.2	45.7	55.1	64.5	65.9	68.7	59.8	52.5	43.0	34.5	49.2
	°C	-0.6	0.3	2.9	7.6	12.8	18.1	18.8	20.4	15.4	11.4	6.1	1.4	9.6
Richmond, VA	°F	27.3	28.9	33.9	43.3	54.3	63.2	68.0	63.2	60.1	49.0	38.7	29.9	46.7
	°C	-2.6	-1.7	1.1	6.3	12.4	17.3	20.0	17.3	15.6	9.4	3.7	-1.2	8.2

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Table 2.7-19—Number of Days with Maximum Hourly Temperature Value Greater Than or Equal to 90°F

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	0.0	0.0	0.0	0.4	1.4	5.8	11.3	8.0	3.4	0.0	0.0	0.0	30.3
Norfolk, VA	0.0	0.0	0.0	0.4	1.5	5.9	10.9	8.6	2.8	0.1	0.0	0.0	30.2
Richmond, VA	0.0	0.0	0.1	0.8	2.3	8.7	13.8	11.0	4.1	0.3	0.0	0.0	41.1

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Table 2.7-20—Number of Days with Maximum Hourly Temperature Value Less Than or Equal to 32°F

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	7.2	4.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	3.6	15.5
Norfolk, VA	3.3	1.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.7
Richmond, VA	4.3	1.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	7.6

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Table 2.7-21—Number of Days with Minimum Hourly Temperature Value Less Than or Equal to 32°F

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	25.3	21.1	14.0	3.4	*	0.0	0.0	0.0	0.0	1.9	10.2	21.1	97.0
Norfolk, VA	18.0	15.5	6.0	0.4	0.0	0.0	0.0	0.0	0.0	0.2	3.0	13.1	56.2
Richmond, VA	23.0	19.5	10.8	2.3	0.1	0.0	0.0	0.0	0.0	2.1	9.4	19.2	86.4

Note:

* Denotes value is between 0.00 and 0.05

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Table 2.7-22—Number of Days with Minimum Hourly Temperature Value Less Than or Equal to 0°F

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.6
Norfolk, VA	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Richmond, VA	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4

Note:

* Denotes value is between 0.00 and 0.05

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Table 2.7-23— Monthly Mean Relative Humidity

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	%	63	61	59	59	66	68	69	71	71	70	66	66	66
Norfolk, VA	%	66	66	65	63	69	71	73	75	74	72	68	67	69
Richmond, VA	%	68	66	63	61	70	72	75	77	77	74	69	69	70

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Table 2.7-24—Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Patuxent River Naval Air Station, Maryland (1982-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19a	19b	19c	19d	19e	19f	19g	19h	19i	19j	19k	19l
0.4%	60.2°F	63.7°F	61.3°F	67.1°F	65.1°F	77.6°F	68.8°F	79.7°F	76.0°F	86.3°F	79.5°F	88.4°F
	15.7°C	17.6°C	16.3°C	19.5°C	18.4°C	25.3°C	20.4°C	26.5°C	24.4°C	30.2°C	26.4°C	31.3°C
1%	57.5°F	61.8°F	58.8°F	64.4°F	63.0°F	72.3°F	67.1°F	76.9°F	74.6°F	83.9°F	78.2°F	86.9°F
	14.2°C	16.6°C	14.9°C	18.0°C	17.2°C	22.4°C	19.5°C	24.9°C	23.7°C	28.8°C	25.7°C	30.5°C
2%	55.0°F	58.5°F	56.0°F	61.9°F	60.8°F	68.7°F	65.5°F	74.3°F	73.0°F	81.8°F	77.4°F	85.9°F
	12.8°C	14.7°C	13.3°C	16.6°C	16.0°C	20.4°C	18.6°C	23.5°C	22.8°C	27.7°C	25.2°C	29.9°C

%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19m	19n	19o	19p	19q	19r	19s	19t	19u	19v	19w	19x
0.4%	81.3°F	90.8°F	80.9°F	88.2°F	78.4°F	85.5°F	72.8°F	80.0°F	67.1°F	72.0°F	63.5°F	68.9°F
	27.4°C	32.7°C	27.2°C	31.2°C	25.8°C	29.7°C	22.7°C	26.7°C	19.5°C	22.2°C	17.5°C	20.5°C
1%	80.3°F	89.9°F	79.7°F	88.4°F	77.4°F	84.6°F	71.3°F	78.6°F	65.5°F	69.9°F	61.3°F	65.9°F
	26.8°C	32.2°C	26.5°C	31.3°C	25.2°C	29.2°C	21.8°C	25.9°C	18.6°C	21.1°C	16.3°C	18.8°C
2%	79.6°F	89.2°F	78.6°F	87.0°F	76.4°F	83.3°F	70.2°F	76.6°F	64.0°F	68.2°F	59.4°F	64.2°F
	26.4°C	31.8°C	25.9°C	30.6°C	24.7°C	28.5°C	21.2°C	24.8°C	17.8°C	20.1°C	15.2°C	17.9°C

Notes:

WB = wet bulb
MCDB = mean coincident dry bulb

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Table 2.7-25—Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Salisbury Wicomico County Airport, Maryland (1982-2001)

	Jan		Feb		Mar		Apr		May		Jun	
%	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19a	19b	19c	19d	19e	19f	19g	19h	19i	19j	19k	19l
0.4%	63.6°F	65.1°F	63.0°F	66.9°F	65.9°F	74.4°F	70.5°F	82.3°F	75.9°F	85.2°F	80.2°F	88.1°F
	17.6°C	18.4°C	17.2°C	19.4°C	18.8°C	23.6°C	21.4°C	27.9°C	24.4°C	29.6°C	26.8°C	31.2°C
1%	61.2°F	63.4°F	61.3°F	65.1°F	64.4°F	71.8°F	68.6°F	78.5°F	74.7°F	83.9°F	78.7°F	87.0°F
	16.2°C	17.4°C	16.3°C	18.4°C	18.0°C	22.1°C	20.3°C	25.8°C	23.7°C	28.8°C	25.9°C	30.6°C
2%	58.8°F	61.9°F	59.1°F	62.7°F	62.9°F	69.2°F	66.9°F	75.7°F	73.5°F	82.5°F	77.8°F	86.5°F
	14.9°C	16.6°C	15.1°C	17.1°C	17.2°C	20.7°C	19.4°C	24.3°C	23.1°C	28.1°C	25.4°C	30.3°C

	Jul		Aug		Sep		Oct		Nov		Dec	
%	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19m	19n	19o	19p	19q	19r	19s	19t	19u	19v	19w	19x
0.4%	82.3°F	91.4°F	81.2°F	88.9°F	78.2°F	86.0°F	73.9°F	78.9°F	68.1°F	71.5°F	64.8°F	68.3°F
	27.9°C	33.0°C	27.3°C	31.6°C	25.7°C	30.0°C	23.3°C	26.1°C	20.1°C	21.9°C	18.2°C	20.2°C
1%	81.1°F	90.3°F	80.0°F	88.1°F	77.3°F	84.3°F	72.5°F	78.4°F	66.8°F	70.0°F	63.2°F	65.8°F
	27.3°C	32.4°C	26.7°C	31.2°C	25.2°C	29.1°C	22.5°C	25.8°C	19.3°C	21.1°C	17.3°C	18.8°C
2%	80.2°F	89.1°F	79.0°F	87.0°F	76.4°F	82.9°F	71.3°F	77.4°F	65.8°F	69.2°F	61.4°F	64.1°F
	26.8°C	31.7°C	26.1°C	30.6°C	24.7°C	28.3°C	21.8°C	25.2°C	18.8°C	20.7°C	16.3°C	17.8°C

Notes:

WB = wet bulb
MCDB = mean coincident dry bulb

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Table 2.7-26—Monthly Design Wet Bulb and Mean Coincident Dry Bulb Temperature Values for Baltimore, Maryland (1982-2001)

%	Jan		Feb		Mar		Apr		May		Jun	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19a	19b	19c	19d	19e	19f	19g	19h	19i	19j	19k	19l
0.4%	60.2°F	63.5°F	60.0°F	66.0°F	64.8°F	77.7°F	68.7°F	80.2°F	74.7°F	85.5°F	78.5°F	88.2°F
	15.7°C	17.5°C	15.6°C	18.9°C	18.2°C	25.4°C	20.4°C	26.8°C	23.7°C	29.7°C	25.8°C	31.2°C
1%	57.5°F	61.3°F	57.4°F	62.7°F	62.4°F	72.4°F	67.3°F	78.4°F	73.3°F	83.9°F	77.3°F	87.1°F
	14.2°C	16.3°C	14.1°C	17.1°C	16.9°C	22.4°C	19.6°C	25.8°C	22.9°C	28.8°C	25.2°C	30.6°C
2%	54.4°F	57.8°F	54.4°F	60.0°F	60.0°F	68.6°F	65.6°F	75.9°F	72.0°F	81.7°F	76.3°F	85.8°F
	12.4°C	14.3°C	12.4°C	15.6°C	15.6°C	20.3°C	18.7°C	24.4°C	22.2°C	27.6°C	24.6°C	29.9°C

%	Jul		Aug		Sep		Oct		Nov		Dec	
	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB	WB	MCDB
	19m	19n	19o	19p	19q	19r	19s	19t	19u	19v	19w	19x
0.4%	80.3°F	91.2°F	79.5°F	89.0°F	77.3°F	86.2°F	71.5°F	77.8°F	66.5°F	71.3°F	61.7°F	66.5°F
	26.8°C	32.9°C	26.4°C	31.7°C	25.2°C	30.1°C	21.9°C	25.4°C	19.2°C	21.8°C	16.5°C	19.2°C
1%	79.3°F	90.5°F	78.4°F	88.1°F	76.3°F	84.7°F	70.5°F	76.4°F	64.7°F	68.9°F	59.5°F	63.1°F
	26.3°C	32.5°C	25.8°C	31.2°C	24.6°C	29.3°C	21.4°C	24.7°C	18.2°C	20.5°C	15.3°C	17.3°C
2%	78.4°F	89.2°F	77.7°F	87.5°F	75.3°F	83.2°F	69.1°F	74.7°F	63.4°F	67.3°F	56.9°F	60.7°F
	25.8°C	31.8°C	25.4°C	30.8°C	24.1°C	28.4°C	20.6°C	23.7°C	17.4°C	19.6°C	13.8°C	15.9°C

Notes:

WB = wet bulb
MCDB = mean coincident dry bulb

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Table 2.7-27— CCNPP Monthly and Annual Precipitation (2000-2005)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
in	1.98	1.53	3.25	3.73	3.64	2.39	4.53	2.59	3.13	2.78	2.92	2.61	35.06
mm	50.29	38.86	82.55	94.74	92.46	60.71	115.06	65.79	79.50	70.61	74.17	66.29	890.52

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Table 2.7-28—CCNPP Monthly and Annual Percent Frequency of Precipitation Occurrence (2000-2005)

JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
5.19	4.93	6.41	7.87	6.17	4.30	5.13	4.57	4.26	6.32	5.30	6.46	5.58

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Table 2.7-29—CCNPP Hourly Rainfall Rate Distribution (2000-2005)

Rainfall Rate in/hr (mm/hr)	0.0 (0.0)	0.0-0.1 (0.0-2.5)	0.1-0.2 (2.5-5.1)	0.2-0.3 (5.1-7.6)	0.3-0.4 (7.6-10.2)	0.4-0.5 (10.2-12.7)	0.5-0.6 (12.7-15.2)	0.6-0.7 (15.2-17.8)	0.7-0.8 (17.8-20.3)	0.8-0.9 (20.3-22.9)	0.9-1.0 (22.9-25.4)	1.0-2.0 (25.4-50.8)	2.0-3.0 (50.8-76.2)	Missing Data
Number of hours	48781	2374	306	73	87	18	10	9	6	1	1	2	1	939

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Table 2.7-30—CCNPP Measured Extreme Precipitation Hourly Values (2000-2005)

Rainfall Amount (in (mm))	**2.2 (55.9)**	**1.59 (40.39)**	**1.57 (39.88)**
Date Occurred	4/15/2003	5/21/2001	6/30/2005

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Table 2.7-31—Mean Monthly and Annual Precipitation (1971-2000)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	in	3.47	3.02	3.93	3.00	3.89	3.43	3.85	3.74	3.98	3.16	3.12	3.35	41.94
	mm	88.14	76.71	99.82	76.20	98.81	87.12	97.79	95.00	101.09	80.26	79.25	85.09	1065.28
Annapolis, MD	in	3.49	2.95	4.17	3.34	4.42	3.56	3.98	4.04	4.25	3.56	3.33	3.69	44.78
	mm	88.65	74.93	105.92	84.84	112.27	90.42	101.09	102.62	107.95	90.42	84.58	93.73	1137.41
Cambridge, MD	in	4.11	3.13	4.44	3.22	4.16	3.23	4.32	4.59	3.87	3.07	3.43	3.65	45.22
	mm	104.39	79.50	112.78	81.79	105.66	82.04	109.73	116.59	98.30	77.98	87.12	92.71	1148.59
Princess Anne, MD	in	3.83	2.94	4.24	3.23	3.41	3.13	4.27	4.84	3.92	3.31	3.16	3.14	43.42
	mm	97.28	74.68	107.70	82.04	86.61	79.50	108.46	122.94	99.57	84.07	80.26	79.76	1102.87
Patuxent River NAS	in	3.63	3.24	4.60	3.19	4.23	3.75	3.81	4.00	3.82	3.19	2.99	3.24	43.69
	mm	92.20	82.30	116.84	81.03	107.44	95.25	96.77	101.60	97.03	81.03	75.95	82.30	1109.73
Mechanicsville, MD	in	3.99	3.37	4.63	3.49	4.22	4.27	4.48	3.94	4.38	3.92	3.43	3.40	47.52
	mm	101.35	85.60	117.60	88.65	107.19	108.46	113.79	100.08	111.25	99.57	87.12	86.36	1207.01

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Table 2.7-32—Mean Monthly and Annual Snowfall (1961-1990)

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	in	7.0	6.4	2.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.7	18.2
	mm	177.80	162.56	60.96	2.54	0.00	0.00	0.00	0.00	0.00	0.00	15.24	43.18	462.28
Norfolk, VA	in	2.6	3.8	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	8.1
	mm	66.04	96.52	33.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.16	205.74
Richmond, VA	in	4.3	4.8	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.6	12.4
	mm	109.22	121.92	35.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.62	40.64	314.96

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Table 2.7-33—Monthly Mean Number of Days with Precipitation (1961-1990)

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	10.2	9.4	10.0	10.5	10.9	9.2	9.6	9.4	7.2	7.4	9.0	9.2	112.0
Norfolk, VA	10.7	10.3	10.4	9.8	9.9	9.7	11.1	10.1	7.7	7.4	7.7	9.5	114.3
Richmond, VA	10.4	9.4	10.2	9.0	10.7	9.6	10.4	9.5	7.6	7.0	8.0	9.1	110.9

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Table 2.7-34—Monthly Mean Number of Days with Heavy Fog (1971-2000)

SITE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/Washington International Airport	3.1	3.2	2.5	1.8	1.6	0.9	0.8	1.0	1.3	2.5	2.6	3.1	24.4
Norfolk, VA	2.1	2.5	2.0	1.5	1.8	1.0	0.5	1.0	1.2	2.1	1.9	2.1	19.7
Richmond, VA	2.7	2.1	1.7	1.6	1.8	1.5	2.0	2.4	2.9	3.3	2.3	2.8	27.1

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Table 2.7-35—Monthly and Annual Average Mixing Height Values

MONTH	YEAR (height in meters) 1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Monthly Average	Annual Average
JAN	601		593	465	645	611	468	733	756	558	603	748
FEB	736		640	637	653	607	637	476	646	561	621	
MAR	833		834	829	771	909	641	574	759	815	774	
APR	873		932	855	878	597	829	723	812	809	812	
MAY	997		729		810	701	949	633	762	878	807	
JUN	824			973	756	864	953	762	837	896	858	
JUL			889	938	858	990	1020	873	834	815	902	
AUG			1069	1010	748	808	919	789	863	880	886	
SEP			940	747	700	821	714	745	677	971	789	
OCT		721	865	634	733	801	699	718	623	708	723	
NOV		713	529	614	691	467	807	585	603	581	621	
DEC		570	502	599	565	554	564	649	597	560	573	

Monthly and Annual Average Mixing Height Values (ft)

MONTH	YEAR (height in feet) 1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	Monthly Average	Annual Average
JAN	1971		1944	1525	2115	2003	1535	2404	2480	1830	1979	2452
FEB	2414		2099	2088	2141	1991	2090	1560	2118	1841	2038	
MAR	2731		2736	2719	2529	2983	2104	1883	2489	2673	2539	
APR	2863		3056	2804	2879	1959	2718	2372	2662	2652	2663	
MAY	3269		2390		2658	2301	3111	2077	2498	2879	2648	
JUN	2701			3192	2480	2835	3127	2500	2747	2937	2815	
JUL			2917	3075	2814	3247	3347	2862	2737	2672	2959	
AUG			3506	3312	2452	2651	3015	2589	2829	2886	2905	
SEP			3085	2450	2296	2694	2342	2445	2221	3183	2589	
OCT		2365	2836	2081	2405	2627	2294	2355	2045	2322	2370	
NOV		2340	1734	2014	2266	1533	2647	1918	1979	1904	2037	
DEC		1869	1647	1966	1853	1817	1849	2129	1959	1837	1881	

Note: Empty cells denote no valid data.

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Table 2.7-36—Temperature Inversion Frequency and Persistence, Year 2000

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	96	22.91
2	53	35.56
3	33	43.44
4	32	51.07
5	17	55.13
6	18	59.43
7	15	63.01
8	13	66.11
9	13	69.21
10	16	73.03
11	20	77.80
12	27	84.25
13	23	89.74
14	19	94.27
15	12	97.14
16	7	98.81
17	4	99.76
18	0	99.76
19	0	99.76
20	1	100.00

THE LONGEST INVERSION LASTED 20 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 14 HOURS INTO DAY 1

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-37—Temperature Inversion Frequency and Persistence, Year 2001

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	82	18.51
2	56	31.15
3	36	39.28
4	28	45.60
5	20	50.11
6	19	54.40
7	17	58.24
8	26	64.11
9	16	67.72
10	13	70.65
11	14	73.81
12	35	81.72
13	31	88.71
14	24	94.13
15	20	98.65
16	3	99.32
17	1	99.55
18	1	99.77
19	1	100.00

THE LONGEST INVERSION LASTED 19 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 16 HOURS INTO DAY 10

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-38—Temperature Inversion Frequency and Persistence, Year 2002

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	92	21.80
2	38	30.81
3	41	40.52
4	25	46.45
5	19	50.95
6	14	54.27
7	21	59.24
8	19	63.74
9	16	67.54
10	21	72.51
11	24	78.20
12	34	86.26
13	12	89.10
14	13	92.18
15	25	98.10
16	7	99.76
17	1	100.00

THE LONGEST INVERSION LASTED 17 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 323

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-39—Temperature Inversion Frequency and Persistence, Year 2003

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	113	24.30
2	72	39.78
3	33	46.88
4	42	55.91
5	14	58.92
6	22	63.66
7	17	67.31
8	14	70.32
9	11	72.69
10	14	75.70
11	13	78.49
12	19	82.58
13	20	86.88
14	26	92.47
15	23	97.42
16	8	99.14
17	1	99.35
18	1	99.57
19	1	99.78
20	1	100.00

THE LONGEST INVERSION LASTED 20 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 15 HOURS INTO DAY 76

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-40—Temperature Inversion Frequency and Persistence, Year 2004

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	94	22.98
2	54	36.19
3	34	44.50
4	29	51.59
5	12	54.52
6	18	58.92
7	21	64.06
8	18	68.46
9	14	71.88
10	13	75.06
11	25	81.17
12	21	86.31
13	21	91.44
14	13	94.62
15	13	97.80
16	6	99.27
17	2	99.76
18	1	100.00

THE LONGEST INVERSION LASTED 18 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 18 HOURS INTO DAY 286

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-41—Temperature Inversion Frequency and Persistence, Year 2005

DURATION (HOURS)	NUMBER OF OBSERVATIONS	PERCENT PROBABILITY
1	83	20.39
2	47	31.94
3	36	40.79
4	31	48.40
5	18	52.83
6	15	56.51
7	15	60.20
8	9	62.41
9	5	63.64
10	20	68.55
11	20	73.46
12	27	80.10
13	28	86.98
14	26	93.37
15	17	97.54
16	6	99.02
17	1	99.26
18	1	99.51
19	0	99.51
20	0	99.51
21	1	99.75
22	0	99.75
23	0	99.75
24	0	99.75
25	0	99.75
26	0	99.75
27	0	99.75
28	0	99.75
29	0	99.75
30	0	99.75
31	1	100.00

THE LONGEST INVERSION LASTED 31 HOURS

OF THE LONGEST INVERSIONS
NUMBER 1 STARTED 1 HOURS INTO DAY 12

THIRD COLUMN DEFINES THE PERCENT PROBABILITY
THAT IF AN INVERSION OCCURS, ITS DURATION
WILL BE LESS THAN THE NUMBER OF HOURS SPECIFIED

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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 11.73

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	4	5	10	8	7	1	4	2	4	17	9	8	8	5	1	1	0	94
(1)	.07	.08	.17	.13	.12	.02	.07	.03	.07	.28	.15	.13	.13	.08	.02	.02	.00	1.56
(2)	.01	.01	.02	.02	.01	.00	.01	.00	.01	.03	.02	.02	.02	.01	.00	.00	.00	.18
4-7	214	285	172	102	101	91	113	133	111	245	421	255	102	62	54	45	0	2506
(1)	3.54	4.71	2.85	1.69	1.67	1.51	1.87	2.20	1.84	4.05	6.96	4.22	1.69	1.03	.89	.74	.00	41.46
(2)	.42	.55	.33	.20	.20	.18	.22	.26	.22	.48	.82	.49	.20	.12	.10	.09	.00	4.86
8-12	423	269	130	15	24	30	127	257	74	189	422	222	149	231	254	106	0	2922
(1)	7.00	4.45	2.15	.25	.40	.50	2.10	4.25	1.22	3.13	6.98	3.67	2.46	3.82	4.20	1.75	.00	48.34
(2)	.82	.52	.25	.03	.05	.06	.25	.50	.14	.37	.82	.43	.29	.45	.49	.21	.00	5.67
13-18	38	7	24	4	0	0	3	40	2	24	26	18	29	122	148	23	0	508
(1)	.63	.12	.40	.07	.00	.00	.05	.66	.03	.40	.43	.30	.48	2.02	2.45	.38	.00	8.40
(2)	.07	.01	.05	.01	.00	.00	.01	.08	.00	.05	.05	.03	.06	.24	.29	.04	.00	.99
19-24	0	0	1	0	0	0	0	0	0	2	0	0	1	4	7	0	0	15
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.03	.00	.00	.02	.07	.12	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.03
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	679	566	337	129	132	122	247	432	191	477	878	503	289	424	464	175	0	6045
(1)	11.23	9.36	5.57	2.13	2.18	2.02	4.09	7.15	3.16	7.89	14.52	8.32	4.78	7.01	7.68	2.89	.00	100.00
(2)	1.32	1.10	.65	.25	.26	.24	.48	.84	.37	.93	1.70	.98	.56	.82	.90	.34	.00	11.73

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.58

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	5	6	6	3	13	1	6	2	4	8	11	6	4	5	0	1	0	81
(1)	.21	.25	.25	.13	.55	.04	.25	.08	.17	.34	.47	.25	.17	.21	.00	.04	.00	3.44
(2)	.01	.01	.01	.01	.03	.00	.01	.00	.01	.02	.02	.01	.01	.01	.00	.00	.00	.16
4-7	120	170	98	89	56	56	72	72	51	57	104	101	62	45	27	21	0	1201
(1)	5.09	7.21	4.16	3.77	2.37	2.37	3.05	3.05	2.16	2.42	4.41	4.28	2.63	1.91	1.15	.89	.00	50.93
(2)	.23	.33	.19	.17	.11	.11	.14	.14	.10	.11	.20	.20	.12	.09	.05	.04	.00	2.33
8-12	142	58	72	11	7	11	41	95	21	48	89	55	44	50	89	49	0	882
(1)	6.02	2.46	3.05	.47	.30	.47	1.74	4.03	.89	2.04	3.77	2.33	1.87	2.12	3.77	2.08	.00	37.40
(2)	.28	.11	.14	.02	.01	.02	.08	.18	.04	.09	.17	.11	.09	.10	.17	.10	.00	1.71
13-18	24	5	7	7	0	0	2	15	2	5	6	3	6	40	52	13	0	187
(1)	1.02	.21	.30	.30	.00	.00	.08	.64	.08	.21	.25	.13	.25	1.70	2.21	.55	.00	7.93
(2)	.05	.01	.01	.01	.00	.00	.00	.03	.00	.01	.01	.01	.01	.08	.10	.03	.00	.36
19-24	1	0	0	0	0	0	0	1	0	0	0	0	0	0	4	0	0	6
(1)	.04	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.00	.17	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	292	239	183	110	76	68	121	185	78	118	210	166	116	140	172	84	0	2358
(1)	12.38	10.14	7.76	4.66	3.22	2.88	5.13	7.85	3.31	5.00	8.91	7.04	4.92	5.94	7.29	3.56	.00	100.00
(2)	.57	.46	.36	.21	.15	.13	.23	.36	.15	.23	.41	.32	.23	.27	.33	.16	.00	4.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.03

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	16	11	15	20	7	10	8	6	9	18	13	13	7	2	5	0	166
(1)	.23	.62	.42	.58	.77	.27	.39	.31	.23	.35	.69	.50	.50	.27	.08	.19	.00	6.41
(2)	.01	.03	.02	.03	.04	.01	.02	.02	.01	.02	.03	.03	.03	.01	.00	.01	.00	.32
4-7	160	206	148	99	83	64	66	104	49	69	127	105	57	49	50	30	0	1466
(1)	6.18	7.95	5.71	3.82	3.20	2.47	2.55	4.02	1.89	2.66	4.90	4.05	2.20	1.89	1.93	1.16	.00	56.60
(2)	.31	.40	.29	.19	.16	.12	.13	.20	.10	.13	.25	.20	.11	.10	.10	.06	.00	2.85
8-12	120	55	70	18	8	6	14	100	21	30	81	48	43	54	79	45	0	792
(1)	4.63	2.12	2.70	.69	.31	.23	.54	3.86	.81	1.16	3.13	1.85	1.66	2.08	3.05	1.74	.00	30.58
(2)	.23	.11	.14	.03	.02	.01	.03	.19	.04	.06	.16	.09	.08	.10	.15	.09	.00	1.54
13-18	23	6	9	9	0	0	1	10	0	3	6	0	6	34	43	11	0	161
(1)	.89	.23	.35	.35	.00	.00	.04	.39	.00	.12	.23	.00	.23	1.31	1.66	.42	.00	6.22
(2)	.04	.01	.02	.02	.00	.00	.00	.02	.00	.01	.01	.00	.01	.07	.08	.02	.00	.31
19-24	0	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	0	5
(1)	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.04	.04	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	309	283	239	141	111	77	91	222	76	111	232	166	119	146	175	92	0	2590
(1)	11.93	10.93	9.23	5.44	4.29	2.97	3.51	8.57	2.93	4.29	8.96	6.41	4.59	5.64	6.76	3.55	.00	100.00
(2)	.60	.55	.46	.27	.22	.15	.18	.43	.15	.22	.45	.32	.23	.28	.34	.18	.00	5.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.33

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	2	3	0	0	1	2	1	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.01	.01	.01	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.02
C-3	133	151	146	133	213	156	120	127	119	150	176	105	94	94	78	92	0	2087
(1)	.75	.85	.83	.75	1.20	.88	.68	.72	.67	.85	1.00	.59	.53	.53	.44	.52	.00	11.80
(2)	.26	.29	.28	.26	.41	.30	.23	.25	.23	.29	.34	.20	.18	.18	.15	.18	.00	4.05
4-7	678	800	632	810	641	408	430	615	421	345	500	364	244	206	415	429	0	7938
(1)	3.83	4.52	3.57	4.58	3.62	2.31	2.43	3.48	2.38	1.95	2.83	2.06	1.38	1.16	2.35	2.43	.00	44.88
(2)	1.32	1.55	1.23	1.57	1.24	.79	.83	1.19	.82	.67	.97	.71	.47	.40	.81	.83	.00	15.41
8-12	779	594	821	572	136	75	128	500	185	164	371	187	131	277	657	652	0	6229
(1)	4.40	3.36	4.64	3.23	.77	.42	.72	2.83	1.05	.93	2.10	1.06	.74	1.57	3.71	3.69	.00	35.22
(2)	1.51	1.15	1.59	1.11	.26	.15	.25	.97	.36	.32	.72	.36	.25	.54	1.28	1.27	.00	12.09
13-18	244	120	272	83	3	2	8	76	22	23	32	11	22	145	215	65	0	1343
(1)	1.38	.68	1.54	.47	.02	.01	.05	.43	.12	.13	.18	.06	.12	.82	1.22	.37	.00	7.59
(2)	.47	.23	.53	.16	.01	.00	.02	.15	.04	.04	.06	.02	.04	.28	.42	.13	.00	2.61
19-24	20	5	14	5	2	0	2	2	1	0	0	0	4	13	9	1	0	78
(1)	.11	.03	.08	.03	.01	.00	.01	.01	.01	.00	.00	.00	.02	.07	.05	.01	.00	.44
(2)	.04	.01	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.00	.00	.15
GT 24	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
(1)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.02
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	1857	1670	1885	1603	995	641	688	1320	748	684	1082	667	495	737	1376	1240	0	17688
(1)	10.50	9.44	10.66	9.06	5.63	3.62	3.89	7.46	4.23	3.87	6.12	3.77	2.80	4.17	7.78	7.01	.00	100.00
(2)	3.60	3.24	3.66	3.11	1.93	1.24	1.34	2.56	1.45	1.33	2.10	1.29	.96	1.43	2.67	2.41	.00	34.33

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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 26.80

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	3	3	0	0	1	1	4	6	7	3	11	7	3	1	2	1	0	53
(1)	.02	.02	.00	.00	.01	.01	.03	.04	.05	.02	.08	.05	.02	.01	.01	.01	.00	.38
(2)	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.10
C-3	168	150	113	102	127	141	176	231	378	449	424	261	216	191	227	149	0	3503
(1)	1.22	1.09	.82	.74	.92	1.02	1.27	1.67	2.74	3.25	3.07	1.89	1.56	1.38	1.64	1.08	.00	25.37
(2)	.33	.29	.22	.20	.25	.27	.34	.45	.73	.87	.82	.51	.42	.37	.44	.29	.00	6.80
4-7	362	298	181	152	153	112	157	387	765	833	1120	542	390	480	832	504	0	7268
(1)	2.62	2.16	1.31	1.10	1.11	.81	1.14	2.80	5.54	6.03	8.11	3.93	2.82	3.48	6.03	3.65	.00	52.64
(2)	.70	.58	.35	.30	.30	.22	.30	.75	1.48	1.62	2.17	1.05	.76	.93	1.61	.98	.00	14.11
8-12	175	96	75	16	17	12	21	146	192	335	781	131	114	204	302	175	0	2792
(1)	1.27	.70	.54	.12	.12	.09	.15	1.06	1.39	2.43	5.66	.95	.83	1.48	2.19	1.27	.00	20.22
(2)	.34	.19	.15	.03	.03	.02	.04	.28	.37	.65	1.52	.25	.22	.40	.59	.34	.00	5.42
13-18	11	3	5	2	0	1	5	24	10	20	34	5	8	30	17	2	0	177
(1)	.08	.02	.04	.01	.00	.01	.04	.17	.07	.14	.25	.04	.06	.22	.12	.01	.00	1.28
(2)	.02	.01	.01	.00	.00	.00	.01	.05	.02	.04	.07	.01	.02	.06	.03	.00	.00	.34
19-24	1	0	0	1	0	1	2	2	0	0	0	0	0	4	1	0	0	12
(1)	.01	.00	.00	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.03	.01	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.02
GT 24	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	720	550	375	274	298	269	365	796	1352	1640	2370	946	731	910	1381	831	0	13808
(1)	5.21	3.98	2.72	1.98	2.16	1.95	2.64	5.76	9.79	11.88	17.16	6.85	5.29	6.59	10.00	6.02	.00	100.00
(2)	1.40	1.07	.73	.53	.58	.52	.71	1.54	2.62	3.18	4.60	1.84	1.42	1.77	2.68	1.61	.00	26.80

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.37

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	3	2	2	2	1	3	1	6	8	9	8	3	4	4	0	0	56
(1)	.00	.06	.04	.04	.04	.02	.06	.02	.11	.15	.17	.15	.06	.07	.07	.00	.00	1.05
(2)	.00	.01	.00	.00	.00	.00	.01	.00	.01	.02	.02	.02	.01	.01	.01	.00	.00	.11
C-3	53	55	61	39	40	58	57	127	305	519	506	290	193	202	104	59	0	2668
(1)	.99	1.03	1.14	.73	.75	1.09	1.07	2.38	5.71	9.71	9.47	5.43	3.61	3.78	1.95	1.10	.00	49.93
(2)	.10	.11	.12	.08	.08	.11	.11	.25	.59	1.01	.98	.56	.37	.39	.20	.11	.00	5.18
4-7	28	48	20	19	7	6	30	90	218	413	686	302	186	213	204	27	0	2497
(1)	.52	.90	.37	.36	.13	.11	.56	1.68	4.08	7.73	12.84	5.65	3.48	3.99	3.82	.51	.00	46.73
(2)	.05	.09	.04	.04	.01	.01	.06	.17	.42	.80	1.33	.59	.36	.41	.40	.05	.00	4.85
8-12	8	6	7	13	4	0	0	0	5	14	39	7	3	3	5	2	0	116
(1)	.15	.11	.13	.24	.07	.00	.00	.00	.09	.26	.73	.13	.06	.06	.09	.04	.00	2.17
(2)	.02	.01	.01	.03	.01	.00	.00	.00	.01	.03	.08	.01	.01	.01	.01	.00	.00	.23
13-18	3	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	7
(1)	.06	.02	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	92	113	92	74	53	65	90	218	534	954	1240	607	385	422	317	88	0	5344
(1)	1.72	2.11	1.72	1.38	.99	1.22	1.68	4.08	9.99	17.85	23.20	11.36	7.20	7.90	5.93	1.65	.00	100.00
(2)	.18	.22	.18	.14	.10	.13	.17	.42	1.04	1.85	2.41	1.18	.75	.82	.62	.17	.00	10.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.17

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	2	2	1	1	3	8	5	9	14	3	0	2	2	0	53
(1)	.00	.03	.00	.05	.05	.03	.03	.08	.22	.14	.24	.38	.08	.00	.05	.05	.00	1.44
(2)	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.03	.01	.00	.00	.00	.00	.10
C-3	15	11	15	20	8	21	17	54	164	476	628	436	309	216	38	17	0	2445
(1)	.41	.30	.41	.54	.22	.57	.46	1.46	4.44	12.89	17.01	11.81	8.37	5.85	1.03	.46	.00	66.22
(2)	.03	.02	.03	.04	.02	.04	.03	.10	.32	.92	1.22	.85	.60	.42	.07	.03	.00	4.75
4-7	1	8	5	6	0	8	5	16	70	228	389	147	103	119	39	5	0	1149
(1)	.03	.22	.14	.16	.00	.22	.14	.43	1.90	6.18	10.54	3.98	2.79	3.22	1.06	.14	.00	31.12
(2)	.00	.02	.01	.01	.00	.02	.01	.03	.14	.44	.75	.29	.20	.23	.08	.01	.00	2.23
8-12	0	2	4	5	1	0	0	1	0	1	2	1	1	2	7	0	0	27
(1)	.00	.05	.11	.14	.03	.00	.00	.03	.00	.03	.05	.03	.03	.05	.19	.00	.00	.73
(2)	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.05
13-18	0	0	9	3	0	0	0	0	0	0	0	0	0	0	1	0	0	13
(1)	.00	.00	.24	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.35
(2)	.00	.00	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03
19-24	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	.08	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	22	36	38	11	30	23	74	242	710	1028	598	416	337	87	24	0	3692
(1)	.43	.60	.98	1.03	.30	.81	.62	2.00	6.55	19.23	27.84	16.20	11.27	9.13	2.36	.65	.00	100.00
(2)	.03	.04	.07	.07	.02	.06	.04	.14	.47	1.38	2.00	1.16	.81	.65	.17	.05	.00	7.17

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-42—CCNPP 33 Feet Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	3	7	2	4	5	3	8	10	21	18	32	30	9	6	10	4	0	172
(1)	.01	.01	.00	.01	.01	.01	.02	.02	.04	.03	.06	.06	.02	.01	.02	.01	.00	.33
(2)	.01	.01	.00	.01	.01	.01	.02	.02	.04	.03	.06	.06	.02	.01	.02	.01	.00	.33
C-3	384	394	362	320	428	385	390	551	980	1628	1772	1119	837	720	450	324	0	11044
(1)	.75	.76	.70	.62	.83	.75	.76	1.07	1.90	3.16	3.44	2.17	1.62	1.40	.87	.63	.00	21.43
(2)	.75	.76	.70	.62	.83	.75	.76	1.07	1.90	3.16	3.44	2.17	1.62	1.40	.87	.63	.00	21.43
4-7	1563	1815	1256	1277	1041	745	873	1417	1685	2190	3347	1816	1144	1174	1621	1061	0	24025
(1)	3.03	3.52	2.44	2.48	2.02	1.45	1.69	2.75	3.27	4.25	6.50	3.52	2.22	2.28	3.15	2.06	.00	46.63
(2)	3.03	3.52	2.44	2.48	2.02	1.45	1.69	2.75	3.27	4.25	6.50	3.52	2.22	2.28	3.15	2.06	.00	46.63
8-12	1647	1080	1179	650	197	134	331	1099	498	781	1785	651	485	821	1393	1029	0	13760
(1)	3.20	2.10	2.29	1.26	.38	.26	.64	2.13	.97	1.52	3.46	1.26	.94	1.59	2.70	2.00	.00	26.71
(2)	3.20	2.10	2.29	1.26	.38	.26	.64	2.13	.97	1.52	3.46	1.26	.94	1.59	2.70	2.00	.00	26.71
13-18	343	142	328	109	3	3	19	165	36	75	104	37	71	371	476	114	0	2396
(1)	.67	.28	.64	.21	.01	.01	.04	.32	.07	.15	.20	.07	.14	.72	.92	.22	.00	4.65
(2)	.67	.28	.64	.21	.01	.01	.04	.32	.07	.15	.20	.07	.14	.72	.92	.22	.00	4.65
19-24	22	5	19	8	2	1	4	5	1	2	0	0	5	23	22	2	0	121
(1)	.04	.01	.04	.02	.00	.00	.01	.01	.00	.00	.00	.00	.01	.04	.04	.00	.00	.23
(2)	.04	.01	.04	.02	.00	.00	.01	.01	.00	.00	.00	.00	.01	.04	.04	.00	.00	.23
GT 24	3	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	7
(1)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	3965	3443	3147	2369	1676	1272	1625	3247	3221	4694	7040	3653	2551	3116	3972	2534	0	51525
(1)	7.70	6.68	6.11	4.60	3.25	2.47	3.15	6.30	6.25	9.11	13.66	7.09	4.95	6.05	7.71	4.92	.00	100.00
(2)	7.70	6.68	6.11	4.60	3.25	2.47	3.15	6.30	6.25	9.11	13.66	7.09	4.95	6.05	7.71	4.92	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 8.04

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
(1)	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.00	.00	.00	.58
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.05
4-7	5	7	5	0	0	0	0	2	0	3	15	17	11	6	4	2	0	77
(1)	1.45	2.03	1.45	.00	.00	.00	.00	.58	.00	.87	4.35	4.93	3.19	1.74	1.16	.58	.00	22.32
(2)	.12	.16	.12	.00	.00	.00	.00	.05	.00	.07	.35	.40	.26	.14	.09	.05	.00	1.79
8-12	16	12	1	0	0	1	1	1	0	6	23	13	30	40	39	21	0	204
(1)	4.64	3.48	.29	.00	.00	.29	.29	.29	.00	1.74	6.67	3.77	8.70	11.59	11.30	6.09	.00	59.13
(2)	.37	.28	.02	.00	.00	.02	.02	.02	.00	.14	.54	.30	.70	.93	.91	.49	.00	4.76
13-18	7	0	0	0	0	0	0	0	0	0	0	1	2	20	29	2	0	61
(1)	2.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.58	5.80	8.41	.58	.00	17.68
(2)	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.47	.68	.05	.00	1.42
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.00	.29
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	28	20	6	0	0	1	1	3	0	9	38	31	44	66	73	25	0	345
(1)	8.12	5.80	1.74	.00	.00	.29	.29	.87	.00	2.61	11.01	8.99	12.75	19.13	21.16	7.25	.00	100.00
(2)	.65	.47	.14	.00	.00	.02	.02	.07	.00	.21	.89	.72	1.03	1.54	1.70	.58	.00	8.04

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	3	3	1	0	0	1	1	1	0	3	4	5	4	4	1	2	0	33
(1)	2.08	2.08	.69	.00	.00	.69	.69	.69	.00	2.08	2.78	3.47	2.78	2.78	.69	1.39	.00	22.92
(2)	.07	.07	.02	.00	.00	.02	.02	.02	.00	.07	.09	.12	.09	.09	.02	.05	.00	.77
8-12	11	4	0	0	0	0	2	3	0	2	13	5	7	12	11	9	0	79
(1)	7.64	2.78	.00	.00	.00	.00	1.39	2.08	.00	1.39	9.03	3.47	4.86	8.33	7.64	6.25	.00	54.86
(2)	.26	.09	.00	.00	.00	.00	.05	.07	.00	.05	.30	.12	.16	.28	.26	.21	.00	1.84
13-18	6	0	0	0	0	0	0	0	0	1	2	1	0	7	10	3	0	30
(1)	4.17	.00	.00	.00	.00	.00	.00	.00	.00	.69	1.39	.69	.00	4.86	6.94	2.08	.00	20.83
(2)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.00	.16	.23	.07	.00	.70
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.00	.00	.69
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	7	1	0	1	1	3	4	0	6	19	11	11	23	23	14	0	144
(1)	13.89	4.86	.69	.00	.69	.69	2.08	2.78	.00	4.17	13.19	7.64	7.64	15.97	15.97	9.72	.00	100.00
(2)	.47	.16	.02	.00	.02	.02	.07	.09	.00	.14	.44	.26	.26	.54	.54	.33	.00	3.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.20

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	5
(1)	.00	.56	.56	.56	.00	.00	.00	.00	.00	.00	.56	.00	.56	.00	.00	.00	.00	2.78
(2)	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.12
4-7	6	3	9	3	2	2	0	2	0	6	9	9	2	9	3	1	0	66
(1)	3.33	1.67	5.00	1.67	1.11	1.11	.00	1.11	.00	3.33	5.00	5.00	1.11	5.00	1.67	.56	.00	36.67
(2)	.14	.07	.21	.07	.05	.05	.00	.05	.00	.14	.21	.21	.05	.21	.07	.02	.00	1.54
8-12	11	14	1	0	0	0	1	4	0	4	5	4	6	8	17	7	0	82
(1)	6.11	7.78	.56	.00	.00	.00	.56	2.22	.00	2.22	2.78	2.22	3.33	4.44	9.44	3.89	.00	45.56
(2)	.26	.33	.02	.00	.00	.00	.02	.09	.00	.09	.12	.09	.14	.19	.40	.16	.00	1.91
13-18	3	0	0	0	0	0	0	0	0	0	1	0	1	6	14	1	0	26
(1)	1.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.00	.56	3.33	7.78	.56	.00	14.44
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.14	.33	.02	.00	.61
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56	.00	.00	.00	.56
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	18	11	4	2	2	1	6	0	10	16	13	10	24	34	9	0	180
(1)	11.11	10.00	6.11	2.22	1.11	1.11	.56	3.33	.00	5.56	8.89	7.22	5.56	13.33	18.89	5.00	.00	100.00
(2)	.47	.42	.26	.09	.05	.05	.02	.14	.00	.23	.37	.30	.23	.56	.79	.21	.00	4.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 40.68

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
C-3	6	14	16	14	10	6	14	9	8	15	13	8	7	6	13	6	0	165
(1)	.34	.80	.92	.80	.57	.34	.80	.52	.46	.86	.74	.46	.40	.34	.74	.34	.00	9.46
(2)	.14	.33	.37	.33	.23	.14	.33	.21	.19	.35	.30	.19	.16	.14	.30	.14	.00	3.85
4-7	68	63	26	47	27	15	27	31	28	37	37	43	31	25	72	53	0	630
(1)	3.90	3.61	1.49	2.69	1.55	.86	1.55	1.78	1.60	2.12	2.12	2.46	1.78	1.43	4.13	3.04	.00	36.10
(2)	1.59	1.47	.61	1.10	.63	.35	.63	.72	.65	.86	.86	1.00	.72	.58	1.68	1.24	.00	14.69
8-12	121	85	36	10	1	1	10	25	15	41	56	28	14	56	151	141	0	791
(1)	6.93	4.87	2.06	.57	.06	.06	.57	1.43	.86	2.35	3.21	1.60	.80	3.21	8.65	8.08	.00	45.33
(2)	2.82	1.98	.84	.23	.02	.02	.23	.58	.35	.96	1.31	.65	.33	1.31	3.52	3.29	.00	18.44
13-18	30	4	1	0	0	0	0	1	1	8	4	1	2	21	54	18	0	145
(1)	1.72	.23	.06	.00	.00	.00	.00	.06	.06	.46	.23	.06	.11	1.20	3.09	1.03	.00	8.31
(2)	.70	.09	.02	.00	.00	.00	.00	.02	.02	.19	.09	.02	.05	.49	1.26	.42	.00	3.38
19-24	3	3	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	9
(1)	.17	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	.06	.00	.00	.00	.52
(2)	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.00	.00	.00	.21
GT 24	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
(1)	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.23
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.09
ALL SPEEDS	231	169	79	71	38	22	51	66	52	102	110	80	56	110	290	218	0	1745
(1)	13.24	9.68	4.53	4.07	2.18	1.26	2.92	3.78	2.98	5.85	6.30	4.58	3.21	6.30	16.62	12.49	.00	100.00
(2)	5.38	3.94	1.84	1.66	.89	.51	1.19	1.54	1.21	2.38	2.56	1.86	1.31	2.56	6.76	5.08	.00	40.68

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 31.35

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	0	0	0	1	2	0	1	0	0	0	1	1	0	0	7
(1)	.07	.00	.00	.00	.00	.00	.07	.15	.00	.07	.00	.00	.00	.07	.07	.00	.00	.52
(2)	.02	.00	.00	.00	.00	.00	.02	.05	.00	.02	.00	.00	.00	.02	.02	.00	.00	.16
C-3	19	19	13	13	9	11	15	15	17	20	16	20	15	16	26	17	0	261
(1)	1.41	1.41	.97	.97	.67	.82	1.12	1.12	1.26	1.49	1.19	1.49	1.12	1.19	1.93	1.26	.00	19.41
(2)	.44	.44	.30	.30	.21	.26	.35	.35	.40	.47	.37	.47	.35	.37	.61	.40	.00	6.08
4-7	42	42	7	14	4	9	10	26	50	57	75	34	58	57	112	49	0	646
(1)	3.12	3.12	.52	1.04	.30	.67	.74	1.93	3.72	4.24	5.58	2.53	4.31	4.24	8.33	3.64	.00	48.03
(2)	.98	.98	.16	.33	.09	.21	.23	.61	1.17	1.33	1.75	.79	1.35	1.33	2.61	1.14	.00	15.06
8-12	11	7	4	3	0	1	2	15	13	41	131	20	7	43	67	19	0	384
(1)	.82	.52	.30	.22	.00	.07	.15	1.12	.97	3.05	9.74	1.49	.52	3.20	4.98	1.41	.00	28.55
(2)	.26	.16	.09	.07	.00	.02	.05	.35	.30	.96	3.05	.47	.16	1.00	1.56	.44	.00	8.95
13-18	1	0	0	0	0	0	0	2	2	7	11	2	0	9	9	1	0	44
(1)	.07	.00	.00	.00	.00	.00	.00	.15	.15	.52	.82	.15	.00	.67	.67	.07	.00	3.27
(2)	.02	.00	.00	.00	.00	.00	.00	.05	.05	.16	.26	.05	.00	.21	.21	.02	.00	1.03
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.15	.07	.00	.00	.22
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.00	.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	74	68	24	30	13	21	28	60	82	126	233	76	80	128	216	86	0	1345
(1)	5.50	5.06	1.78	2.23	.97	1.56	2.08	4.46	6.10	9.37	17.32	5.65	5.95	9.52	16.06	6.39	.00	100.00
(2)	1.72	1.59	.56	.70	.30	.49	.65	1.40	1.91	2.94	5.43	1.77	1.86	2.98	5.03	2.00	.00	31.35

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.88

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	1	2	1	0	0	1	0	0	6
(1)	.00	.00	.00	.00	.26	.00	.00	.00	.00	.26	.52	.26	.00	.00	.26	.00	.00	1.57
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.05	.02	.00	.00	.02	.00	.00	.14
C-3	4	5	10	7	6	2	4	5	16	22	21	28	15	12	6	2	0	165
(1)	1.05	1.31	2.62	1.84	1.57	.52	1.05	1.31	4.20	5.77	5.51	7.35	3.94	3.15	1.57	.52	.00	43.31
(2)	.09	.12	.23	.16	.14	.05	.09	.12	.37	.51	.49	.65	.35	.28	.14	.05	.00	3.85
4-7	0	5	0	4	0	0	4	5	16	49	49	20	17	9	8	1	0	187
(1)	.00	1.31	.00	1.05	.00	.00	1.05	1.31	4.20	12.86	12.86	5.25	4.46	2.36	2.10	.26	.00	49.08
(2)	.00	.12	.00	.09	.00	.00	.09	.12	.37	1.14	1.14	.47	.40	.21	.19	.02	.00	4.36
8-12	3	4	0	0	0	0	0	0	0	5	6	1	0	0	0	0	0	19
(1)	.79	1.05	.00	.00	.00	.00	.00	.00	.00	1.31	1.57	.26	.00	.00	.00	.00	.00	4.99
(2)	.07	.09	.00	.00	.00	.00	.00	.00	.00	.12	.14	.02	.00	.00	.00	.00	.00	.44
13-18	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.79	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.05
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	15	10	11	7	2	8	10	32	77	78	50	32	21	15	3	0	381
(1)	2.62	3.94	2.62	2.89	1.84	.52	2.10	2.62	8.40	20.21	20.47	13.12	8.40	5.51	3.94	.79	.00	100.00
(2)	.23	.35	.23	.26	.16	.05	.19	.23	.75	1.79	1.82	1.17	.75	.49	.35	.07	.00	8.88

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.50

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.67	.00	1.33	.00	.00	.00	.00	.00	.00	2.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.00	.07
C-3	2	1	1	6	0	3	1	7	9	10	7	5	4	5	2	0	0	63
(1)	1.33	.67	.67	4.00	.00	2.00	.67	4.67	6.00	6.67	4.67	3.33	2.67	3.33	1.33	.00	.00	42.00
(2)	.05	.02	.02	.14	.00	.07	.02	.16	.21	.23	.16	.12	.09	.12	.05	.00	.00	1.47
4-7	0	1	2	2	0	4	0	4	8	24	26	6	1	2	1	1	0	82
(1)	.00	.67	1.33	1.33	.00	2.67	.00	2.67	5.33	16.00	17.33	4.00	.67	1.33	.67	.67	.00	54.67
(2)	.00	.02	.05	.05	.00	.09	.00	.09	.19	.56	.61	.14	.02	.05	.02	.02	.00	1.91
8-12	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
(1)	.00	.67	.00	.00	.00	.00	.00	.67	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.33
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	3	3	8	0	7	1	12	18	34	35	11	5	7	3	1	0	150
(1)	1.33	2.00	2.00	5.33	.00	4.67	.67	8.00	12.00	22.67	23.33	7.33	3.33	4.67	2.00	.67	.00	100.00
(2)	.05	.07	.07	.19	.00	.16	.02	.28	.42	.79	.82	.26	.12	.16	.07	.02	.00	3.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-43—CCNPP 33 Feet January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	0	1	0	1	2	1	3	4	1	0	1	2	0	0	17
(1)	.02	.00	.00	.00	.02	.00	.02	.05	.02	.07	.09	.02	.00	.02	.05	.00	.00	.40
(2)	.02	.00	.00	.00	.02	.00	.02	.05	.02	.07	.09	.02	.00	.02	.05	.00	.00	.40
C-3	31	41	41	41	26	22	34	36	50	67	58	61	43	39	47	25	0	662
(1)	.72	.96	.96	.96	.61	.51	.79	.84	1.17	1.56	1.35	1.42	1.00	.91	1.10	.58	.00	15.43
(2)	.72	.96	.96	.96	.61	.51	.79	.84	1.17	1.56	1.35	1.42	1.00	.91	1.10	.58	.00	15.43
4-7	124	124	50	70	33	31	42	71	102	179	215	134	124	112	201	109	0	1721
(1)	2.89	2.89	1.17	1.63	.77	.72	.98	1.66	2.38	4.17	5.01	3.12	2.89	2.61	4.69	2.54	.00	40.12
(2)	2.89	2.89	1.17	1.63	.77	.72	.98	1.66	2.38	4.17	5.01	3.12	2.89	2.61	4.69	2.54	.00	40.12
8-12	173	127	42	13	1	3	16	49	28	99	234	71	64	159	285	197	0	1561
(1)	4.03	2.96	.98	.30	.02	.07	.37	1.14	.65	2.31	5.45	1.66	1.49	3.71	6.64	4.59	.00	36.39
(2)	4.03	2.96	.98	.30	.02	.07	.37	1.14	.65	2.31	5.45	1.66	1.49	3.71	6.64	4.59	.00	36.39
13-18	50	5	1	0	0	0	0	3	3	16	18	5	5	63	116	25	0	310
(1)	1.17	.12	.02	.00	.00	.00	.00	.07	.07	.37	.42	.12	.12	1.47	2.70	.58	.00	7.23
(2)	1.17	.12	.02	.00	.00	.00	.00	.07	.07	.37	.42	.12	.12	1.47	2.70	.58	.00	7.23
19-24	3	3	0	0	0	0	0	0	0	0	0	0	2	4	3	0	0	15
(1)	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.09	.07	.00	.00	.35
(2)	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.09	.07	.00	.00	.35
GT 24	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
(1)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.09
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.09
ALL SPEEDS	385	300	134	124	61	56	93	161	184	364	529	272	238	379	654	356	0	4290
(1)	8.97	6.99	3.12	2.89	1.42	1.31	2.17	3.75	4.29	8.48	12.33	6.34	5.55	8.83	15.24	8.30	.00	100.00
(2)	8.97	6.99	3.12	2.89	1.42	1.31	2.17	3.75	4.29	8.48	12.33	6.34	5.55	8.83	15.24	8.30	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 10.15

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	11	6	6	2	3	2	3	0	5	10	14	20	10	4	4	2	0	102
(1)	2.68	1.46	1.46	.49	.73	.49	.73	.00	1.22	2.44	3.41	4.88	2.44	.98	.98	.49	.00	24.88
(2)	.27	.15	.15	.05	.07	.05	.07	.00	.12	.25	.35	.50	.25	.10	.10	.05	.00	2.52
8-12	40	21	14	0	0	1	1	15	8	17	27	13	17	24	37	7	0	242
(1)	9.76	5.12	3.41	.00	.00	.24	.24	3.66	1.95	4.15	6.59	3.17	4.15	5.85	9.02	1.71	.00	59.02
(2)	.99	.52	.35	.00	.00	.02	.02	.37	.20	.42	.67	.32	.42	.59	.92	.17	.00	5.99
13-18	8	0	0	0	0	0	0	0	0	8	6	0	2	10	27	3	0	64
(1)	1.95	.00	.00	.00	.00	.00	.00	.00	.00	1.95	1.46	.00	.49	2.44	6.59	.73	.00	15.61
(2)	.20	.00	.00	.00	.00	.00	.00	.00	.00	.20	.15	.00	.05	.25	.67	.07	.00	1.58
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.49	.00	.00	.49
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	59	27	20	2	3	3	4	15	13	35	47	33	29	38	70	12	0	410
(1)	14.39	6.59	4.88	.49	.73	.73	.98	3.66	3.17	8.54	11.46	8.05	7.07	9.27	17.07	2.93	.00	100.00
(2)	1.46	.67	.50	.05	.07	.07	.10	.37	.32	.87	1.16	.82	.72	.94	1.73	.30	.00	10.15

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.31

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	5
(1)	.57	.00	.57	.00	.57	.00	.00	.00	.57	.00	.57	.00	.00	.00	.00	.00	.00	2.87
(2)	.02	.00	.02	.00	.02	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.12
4-7	8	8	4	7	3	1	1	5	3	2	4	6	4	2	2	2	0	62
(1)	4.60	4.60	2.30	4.02	1.72	.57	.57	2.87	1.72	1.15	2.30	3.45	2.30	1.15	1.15	1.15	.00	35.63
(2)	.20	.20	.10	.17	.07	.02	.02	.12	.07	.05	.10	.15	.10	.05	.05	.05	.00	1.53
8-12	24	2	7	0	2	0	0	2	3	7	10	9	4	2	11	5	0	88
(1)	13.79	1.15	4.02	.00	1.15	.00	.00	1.15	1.72	4.02	5.75	5.17	2.30	1.15	6.32	2.87	.00	50.57
(2)	.59	.05	.17	.00	.05	.00	.00	.05	.07	.17	.25	.22	.10	.05	.27	.12	.00	2.18
13-18	1	0	0	0	0	0	0	1	0	1	1	1	2	3	8	1	0	19
(1)	.57	.00	.00	.00	.00	.00	.00	.57	.00	.57	.57	.57	1.15	1.72	4.60	.57	.00	10.92
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.02	.02	.05	.07	.20	.02	.00	.47
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	34	10	12	7	6	1	1	8	7	10	16	16	10	7	21	8	0	174
(1)	19.54	5.75	6.90	4.02	3.45	.57	.57	4.60	4.02	5.75	9.20	9.20	5.75	4.02	12.07	4.60	.00	100.00
(2)	.84	.25	.30	.17	.15	.02	.02	.20	.17	.25	.40	.40	.25	.17	.52	.20	.00	4.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.94

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.63	.00	.63	.00	1.89
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.00	.07
4-7	9	14	10	8	2	0	1	3	4	3	7	10	5	1	1	1	0	79
(1)	5.66	8.81	6.29	5.03	1.26	.00	.63	1.89	2.52	1.89	4.40	6.29	3.14	.63	.63	.63	.00	49.69
(2)	.22	.35	.25	.20	.05	.00	.02	.07	.10	.07	.17	.25	.12	.02	.02	.02	.00	1.96
8-12	10	2	10	0	0	0	2	5	1	5	8	5	0	3	7	7	0	65
(1)	6.29	1.26	6.29	.00	.00	.00	1.26	3.14	.63	3.14	5.03	3.14	.00	1.89	4.40	4.40	.00	40.88
(2)	.25	.05	.25	.00	.00	.00	.05	.12	.02	.12	.20	.12	.00	.07	.17	.17	.00	1.61
13-18	1	0	0	0	0	0	0	0	0	0	2	0	0	4	5	0	0	12
(1)	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.26	.00	.00	2.52	3.14	.00	.00	7.55
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.10	.12	.00	.00	.30
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	16	20	8	2	0	3	8	5	8	17	16	5	9	13	9	0	159
(1)	12.58	10.06	12.58	5.03	1.26	.00	1.89	5.03	3.14	5.03	10.69	10.06	3.14	5.66	8.18	5.66	.00	100.00
(2)	.50	.40	.50	.20	.05	.00	.07	.20	.12	.20	.42	.40	.12	.22	.32	.22	.00	3.94

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.95

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.00	.14
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.05
C-3	9	11	6	7	10	14	6	6	7	7	3	1	3	7	5	7	0	109
(1)	.64	.78	.42	.50	.71	.99	.42	.42	.50	.50	.21	.07	.21	.50	.35	.50	.00	7.72
(2)	.22	.27	.15	.17	.25	.35	.15	.15	.17	.17	.07	.02	.07	.17	.12	.17	.00	2.70
4-7	59	74	56	52	31	9	34	45	32	15	16	27	15	5	34	42	0	546
(1)	4.18	5.24	3.97	3.68	2.20	.64	2.41	3.19	2.27	1.06	1.13	1.91	1.06	.35	2.41	2.97	.00	38.67
(2)	1.46	1.83	1.39	1.29	.77	.22	.84	1.11	.79	.37	.40	.67	.37	.12	.84	1.04	.00	13.51
8-12	111	69	63	28	3	1	6	28	10	16	32	20	10	24	98	75	0	594
(1)	7.86	4.89	4.46	1.98	.21	.07	.42	1.98	.71	1.13	2.27	1.42	.71	1.70	6.94	5.31	.00	42.07
(2)	2.75	1.71	1.56	.69	.07	.02	.15	.69	.25	.40	.79	.50	.25	.59	2.43	1.86	.00	14.70
13-18	25	17	38	2	0	0	0	3	0	4	16	1	0	11	38	3	0	158
(1)	1.77	1.20	2.69	.14	.00	.00	.00	.21	.00	.28	1.13	.07	.00	.78	2.69	.21	.00	11.19
(2)	.62	.42	.94	.05	.00	.00	.00	.07	.00	.10	.40	.02	.00	.27	.94	.07	.00	3.91
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.14	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	204	171	163	89	44	24	46	82	49	42	67	49	28	48	178	128	0	1412
(1)	14.45	12.11	11.54	6.30	3.12	1.70	3.26	5.81	3.47	2.97	4.75	3.47	1.98	3.40	12.61	9.07	.00	100.00
(2)	5.05	4.23	4.03	2.20	1.09	.59	1.14	2.03	1.21	1.04	1.66	1.21	.69	1.19	4.41	3.17	.00	34.95

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 32.25

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
(1)	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.15
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.05
C-3	24	25	21	15	21	15	20	15	31	31	25	15	14	14	21	14	0	321
(1)	1.84	1.92	1.61	1.15	1.61	1.15	1.53	1.15	2.38	2.38	1.92	1.15	1.07	1.07	1.61	1.07	.00	24.64
(2)	.59	.62	.52	.37	.52	.37	.50	.37	.77	.77	.62	.37	.35	.35	.52	.35	.00	7.95
4-7	67	50	18	12	18	6	9	31	73	73	55	53	34	50	87	63	0	699
(1)	5.14	3.84	1.38	.92	1.38	.46	.69	2.38	5.60	5.60	4.22	4.07	2.61	3.84	6.68	4.83	.00	53.65
(2)	1.66	1.24	.45	.30	.45	.15	.22	.77	1.81	1.81	1.36	1.31	.84	1.24	2.15	1.56	.00	17.30
8-12	39	11	3	1	0	0	0	15	15	45	45	12	15	16	27	17	0	261
(1)	2.99	.84	.23	.08	.00	.00	.00	1.15	1.15	3.45	3.45	.92	1.15	1.23	2.07	1.30	.00	20.03
(2)	.97	.27	.07	.02	.00	.00	.00	.37	.37	1.11	1.11	.30	.37	.40	.67	.42	.00	6.46
13-18	3	0	1	0	0	0	0	3	2	3	5	0	1	1	1	0	0	20
(1)	.23	.00	.08	.00	.00	.00	.00	.23	.15	.23	.38	.00	.08	.08	.08	.00	.00	1.53
(2)	.07	.00	.02	.00	.00	.00	.00	.07	.05	.07	.12	.00	.02	.02	.02	.00	.00	.50
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	133	87	43	28	39	21	29	64	121	152	130	80	65	81	136	94	0	1303
(1)	10.21	6.68	3.30	2.15	2.99	1.61	2.23	4.91	9.29	11.67	9.98	6.14	4.99	6.22	10.44	7.21	.00	100.00
(2)	3.29	2.15	1.06	.69	.97	.52	.72	1.58	3.00	3.76	3.22	1.98	1.61	2.00	3.37	2.33	.00	32.25

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.57

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	5
(1)	.00	.23	.00	.23	.00	.00	.23	.00	.00	.00	.23	.23	.00	.00	.00	.00	.00	1.17
(2)	.00	.02	.00	.02	.00	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.12
C-3	7	9	5	3	10	7	5	6	24	26	25	13	10	8	12	7	0	177
(1)	1.64	2.11	1.17	.70	2.34	1.64	1.17	1.41	5.62	6.09	5.85	3.04	2.34	1.87	2.81	1.64	.00	41.45
(2)	.17	.22	.12	.07	.25	.17	.12	.15	.59	.64	.62	.32	.25	.20	.30	.17	.00	4.38
4-7	6	13	9	3	0	0	3	16	26	44	42	39	22	8	6	1	0	238
(1)	1.41	3.04	2.11	.70	.00	.00	.70	3.75	6.09	10.30	9.84	9.13	5.15	1.87	1.41	.23	.00	55.74
(2)	.15	.32	.22	.07	.00	.00	.07	.40	.64	1.09	1.04	.97	.54	.20	.15	.02	.00	5.89
8-12	2	0	0	0	0	0	0	0	2	1	2	0	0	0	0	0	0	7
(1)	.47	.00	.00	.00	.00	.00	.00	.00	.47	.23	.47	.00	.00	.00	.00	.00	.00	1.64
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.05	.02	.05	.00	.00	.00	.00	.00	.00	.17
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	23	14	7	10	7	9	22	52	71	70	53	32	16	18	8	0	427
(1)	3.51	5.39	3.28	1.64	2.34	1.64	2.11	5.15	12.18	16.63	16.39	12.41	7.49	3.75	4.22	1.87	.00	100.00
(2)	.37	.57	.35	.17	.25	.17	.22	.54	1.29	1.76	1.73	1.31	.79	.40	.45	.20	.00	10.57

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.84

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
(1)	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65	.00	.00	1.29
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05
C-3	0	4	5	4	3	2	1	5	10	13	12	14	5	2	0	1	0	81
(1)	.00	2.58	3.23	2.58	1.94	1.29	.65	3.23	6.45	8.39	7.74	9.03	3.23	1.29	.00	.65	.00	52.26
(2)	.00	.10	.12	.10	.07	.05	.02	.12	.25	.32	.30	.35	.12	.05	.00	.02	.00	2.00
4-7	0	3	0	3	0	0	1	1	6	11	23	18	3	2	0	0	0	71
(1)	.00	1.94	.00	1.94	.00	.00	.65	.65	3.87	7.10	14.84	11.61	1.94	1.29	.00	.00	.00	45.81
(2)	.00	.07	.00	.07	.00	.00	.02	.02	.15	.27	.57	.45	.07	.05	.00	.00	.00	1.76
8-12	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	9	5	7	3	2	2	6	16	24	35	32	8	4	1	1	0	155
(1)	.00	5.81	3.23	4.52	1.94	1.29	1.29	3.87	10.32	15.48	22.58	20.65	5.16	2.58	.65	.65	.00	100.00
(2)	.00	.22	.12	.17	.07	.05	.05	.15	.40	.59	.87	.79	.20	.10	.02	.02	.00	3.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-44—CCNPP 33 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	3	0	1	0	0	1	0	0	0	1	1	1	0	2	1	0	11
(1)	.00	.07	.00	.02	.00	.00	.02	.00	.00	.00	.02	.02	.02	.00	.05	.02	.00	.27
(2)	.00	.07	.00	.02	.00	.00	.02	.00	.00	.00	.02	.02	.02	.00	.05	.02	.00	.27
C-3	41	49	38	29	45	38	32	32	73	77	66	44	32	32	38	30	0	696
(1)	1.01	1.21	.94	.72	1.11	.94	.79	.79	1.81	1.91	1.63	1.09	.79	.79	.94	.74	.00	17.23
(2)	1.01	1.21	.94	.72	1.11	.94	.79	.79	1.81	1.91	1.63	1.09	.79	.79	.94	.74	.00	17.23
4-7	160	168	103	87	57	18	52	101	149	158	161	173	93	72	134	111	0	1797
(1)	3.96	4.16	2.55	2.15	1.41	.45	1.29	2.50	3.69	3.91	3.99	4.28	2.30	1.78	3.32	2.75	.00	44.48
(2)	3.96	4.16	2.55	2.15	1.41	.45	1.29	2.50	3.69	3.91	3.99	4.28	2.30	1.78	3.32	2.75	.00	44.48
8-12	226	106	97	29	5	2	9	65	39	91	124	59	46	69	180	111	0	1258
(1)	5.59	2.62	2.40	.72	.12	.05	.22	1.61	.97	2.25	3.07	1.46	1.14	1.71	4.46	2.75	.00	31.14
(2)	5.59	2.62	2.40	.72	.12	.05	.22	1.61	.97	2.25	3.07	1.46	1.14	1.71	4.46	2.75	.00	31.14
13-18	38	17	39	2	0	0	0	7	2	16	30	2	5	29	79	7	0	273
(1)	.94	.42	.97	.05	.00	.00	.00	.17	.05	.40	.74	.05	.12	.72	1.96	.17	.00	6.76
(2)	.94	.42	.97	.05	.00	.00	.00	.17	.05	.40	.74	.05	.12	.72	1.96	.17	.00	6.76
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.00	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.00	.00	.12
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	465	343	277	148	107	58	94	205	263	342	382	279	177	203	437	260	0	4040
(1)	11.51	8.49	6.86	3.66	2.65	1.44	2.33	5.07	6.51	8.47	9.46	6.91	4.38	5.02	10.82	6.44	.00	100.00
(2)	11.51	8.49	6.86	3.66	2.65	1.44	2.33	5.07	6.51	8.47	9.46	6.91	4.38	5.02	10.82	6.44	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.30

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	5	11	12	5	5	2	4	4	4	6	8	8	4	0	3	1	0	82
(1)	.94	2.06	2.25	.94	.94	.38	.75	.75	.75	1.13	1.50	1.50	.75	.00	.56	.19	.00	15.38
(2)	.12	.25	.28	.12	.12	.05	.09	.09	.09	.14	.18	.18	.09	.00	.07	.02	.00	1.89
8-12	29	26	15	1	10	4	8	38	12	22	61	23	15	28	47	13	0	352
(1)	5.44	4.88	2.81	.19	1.88	.75	1.50	7.13	2.25	4.13	11.44	4.32	2.81	5.25	8.82	2.44	.00	66.04
(2)	.67	.60	.35	.02	.23	.09	.18	.88	.28	.51	1.41	.53	.35	.65	1.08	.30	.00	8.12
13-18	4	0	1	0	0	0	1	7	1	1	6	8	3	34	25	5	0	96
(1)	.75	.00	.19	.00	.00	.00	.19	1.31	.19	.19	1.13	1.50	.56	6.38	4.69	.94	.00	18.01
(2)	.09	.00	.02	.00	.00	.00	.02	.16	.02	.02	.14	.18	.07	.78	.58	.12	.00	2.22
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.00	.38
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	38	37	29	6	15	6	13	49	17	29	75	39	22	62	77	19	0	533
(1)	7.13	6.94	5.44	1.13	2.81	1.13	2.44	9.19	3.19	5.44	14.07	7.32	4.13	11.63	14.45	3.56	.00	100.00
(2)	.88	.85	.67	.14	.35	.14	.30	1.13	.39	.67	1.73	.90	.51	1.43	1.78	.44	.00	12.30

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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.42

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.68	.68	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.35
(2)	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4-7	1	13	4	1	4	0	3	3	5	2	3	2	1	2	0	2	0	46
(1)	.68	8.78	2.70	.68	2.70	.00	2.03	2.03	3.38	1.35	2.03	1.35	.68	1.35	.00	1.35	.00	31.08
(2)	.02	.30	.09	.02	.09	.00	.07	.07	.12	.05	.07	.05	.02	.05	.00	.05	.00	1.06
8-12	9	4	8	2	3	1	5	8	2	4	7	4	3	4	9	6	0	79
(1)	6.08	2.70	5.41	1.35	2.03	.68	3.38	5.41	1.35	2.70	4.73	2.70	2.03	2.70	6.08	4.05	.00	53.38
(2)	.21	.09	.18	.05	.07	.02	.12	.18	.05	.09	.16	.09	.07	.09	.21	.14	.00	1.82
13-18	1	0	0	0	0	0	1	1	0	0	1	0	0	9	5	2	0	20
(1)	.68	.00	.00	.00	.00	.00	.68	.68	.00	.00	.68	.00	.00	6.08	3.38	1.35	.00	13.51
(2)	.02	.00	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.21	.12	.05	.00	.46
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.68	.00	.00	.68
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	11	17	12	3	7	2	10	12	7	6	11	6	4	15	15	10	0	148
(1)	7.43	11.49	8.11	2.03	4.73	1.35	6.76	8.11	4.73	4.05	7.43	4.05	2.70	10.14	10.14	6.76	.00	100.00
(2)	.25	.39	.28	.07	.16	.05	.23	.28	.16	.14	.25	.14	.09	.35	.35	.23	.00	3.42

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.18

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.55	.00	.00	.00	.00	.55	.00	.55	.00	.00	.00	.00	1.66
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.07
4-7	10	10	8	8	3	7	1	5	4	3	8	5	2	2	1	1	0	78
(1)	5.52	5.52	4.42	4.42	1.66	3.87	.55	2.76	2.21	1.66	4.42	2.76	1.10	1.10	.55	.55	.00	43.09
(2)	.23	.23	.18	.18	.07	.16	.02	.12	.09	.07	.18	.12	.05	.05	.02	.02	.00	1.80
8-12	10	5	5	2	1	1	2	11	3	2	4	5	4	5	11	5	0	76
(1)	5.52	2.76	2.76	1.10	.55	.55	1.10	6.08	1.66	1.10	2.21	2.76	2.21	2.76	6.08	2.76	.00	41.99
(2)	.23	.12	.12	.05	.02	.02	.05	.25	.07	.05	.09	.12	.09	.12	.25	.12	.00	1.75
13-18	2	2	1	0	0	0	0	3	0	0	0	0	0	5	7	3	0	23
(1)	1.10	1.10	.55	.00	.00	.00	.00	1.66	.00	.00	.00	.00	.00	2.76	3.87	1.66	.00	12.71
(2)	.05	.05	.02	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.12	.16	.07	.00	.53
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	22	17	14	10	4	9	3	19	7	5	13	10	7	12	19	10	0	181
(1)	12.15	9.39	7.73	5.52	2.21	4.97	1.66	10.50	3.87	2.76	7.18	5.52	3.87	6.63	10.50	5.52	.00	100.00
(2)	.51	.39	.32	.23	.09	.21	.07	.44	.16	.12	.30	.23	.16	.28	.44	.23	.00	4.18

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 37.34

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	13	15	6	9	12	12	10	8	9	6	12	7	4	5	6	4	0	138
(1)	.80	.93	.37	.56	.74	.74	.62	.49	.56	.37	.74	.43	.25	.31	.37	.25	.00	8.53
(2)	.30	.35	.14	.21	.28	.28	.23	.18	.21	.14	.28	.16	.09	.12	.14	.09	.00	3.18
4-7	61	59	64	75	50	36	30	51	37	24	18	18	11	10	26	29	0	599
(1)	3.77	3.65	3.96	4.64	3.09	2.22	1.85	3.15	2.29	1.48	1.11	1.11	.68	.62	1.61	1.79	.00	37.02
(2)	1.41	1.36	1.48	1.73	1.15	.83	.69	1.18	.85	.55	.42	.42	.25	.23	.60	.67	.00	13.82
8-12	86	57	47	64	16	7	20	66	20	17	33	16	17	34	80	75	0	655
(1)	5.32	3.52	2.90	3.96	.99	.43	1.24	4.08	1.24	1.05	2.04	.99	1.05	2.10	4.94	4.64	.00	40.48
(2)	1.98	1.32	1.08	1.48	.37	.16	.46	1.52	.46	.39	.76	.37	.39	.78	1.85	1.73	.00	15.12
13-18	46	20	26	20	0	1	0	14	2	0	2	0	4	16	44	17	0	212
(1)	2.84	1.24	1.61	1.24	.00	.06	.00	.87	.12	.00	.12	.00	.25	.99	2.72	1.05	.00	13.10
(2)	1.06	.46	.60	.46	.00	.02	.00	.32	.05	.00	.05	.00	.09	.37	1.02	.39	.00	4.89
19-24	3	0	0	4	0	0	0	0	1	0	0	0	0	3	2	1	0	14
(1)	.19	.00	.00	.25	.00	.00	.00	.00	.06	.00	.00	.00	.00	.19	.12	.06	.00	.87
(2)	.07	.00	.00	.09	.00	.00	.00	.00	.02	.00	.00	.00	.00	.07	.05	.02	.00	.32
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	209	151	143	172	78	56	60	139	69	47	65	41	36	68	158	126	0	1618
(1)	12.92	9.33	8.84	10.63	4.82	3.46	3.71	8.59	4.26	2.90	4.02	2.53	2.22	4.20	9.77	7.79	.00	100.00
(2)	4.82	3.48	3.30	3.97	1.80	1.29	1.38	3.21	1.59	1.08	1.50	.95	.83	1.57	3.65	2.91	.00	37.34

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 29.22

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	1	1	0	0	0	2	1	0	0	0	1	0	7
(1)	.00	.08	.00	.00	.00	.08	.08	.00	.00	.00	.16	.08	.00	.00	.00	.08	.00	.55
(2)	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.05	.02	.00	.00	.00	.02	.00	.16
C-3	22	11	12	11	12	16	12	6	17	19	25	17	9	16	17	23	0	245
(1)	1.74	.87	.95	.87	.95	1.26	.95	.47	1.34	1.50	1.97	1.34	.71	1.26	1.34	1.82	.00	19.35
(2)	.51	.25	.28	.25	.28	.37	.28	.14	.39	.44	.58	.39	.21	.37	.39	.53	.00	5.65
4-7	55	37	24	20	15	8	13	32	76	53	37	22	24	50	66	56	0	588
(1)	4.34	2.92	1.90	1.58	1.18	.63	1.03	2.53	6.00	4.19	2.92	1.74	1.90	3.95	5.21	4.42	.00	46.45
(2)	1.27	.85	.55	.46	.35	.18	.30	.74	1.75	1.22	.85	.51	.55	1.15	1.52	1.29	.00	13.57
8-12	46	11	7	4	2	4	4	26	42	54	77	13	12	23	36	28	0	389
(1)	3.63	.87	.55	.32	.16	.32	.32	2.05	3.32	4.27	6.08	1.03	.95	1.82	2.84	2.21	.00	30.73
(2)	1.06	.25	.16	.09	.05	.09	.09	.60	.97	1.25	1.78	.30	.28	.53	.83	.65	.00	8.98
13-18	5	1	0	0	0	1	2	4	4	5	5	0	0	3	5	0	0	35
(1)	.39	.08	.00	.00	.00	.08	.16	.32	.32	.39	.39	.00	.00	.24	.39	.00	.00	2.76
(2)	.12	.02	.00	.00	.00	.02	.05	.09	.09	.12	.12	.00	.00	.07	.12	.00	.00	.81
19-24	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.08	.00	.00	.00	.16
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	128	61	43	35	29	30	32	69	139	131	146	53	45	93	124	108	0	1266
(1)	10.11	4.82	3.40	2.76	2.29	2.37	2.53	5.45	10.98	10.35	11.53	4.19	3.55	7.35	9.79	8.53	.00	100.00
(2)	2.95	1.41	.99	.81	.67	.69	.74	1.59	3.21	3.02	3.37	1.22	1.04	2.15	2.86	2.49	.00	29.22

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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.79

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	1	0	1	0	0	0	0	0	1	1	0	1	0	0	0	6
(1)	.00	.24	.24	.00	.24	.00	.00	.00	.00	.00	.24	.24	.00	.24	.00	.00	.00	1.42
(2)	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.02	.02	.00	.02	.00	.00	.00	.14
C-3	6	11	13	2	4	6	5	1	14	19	25	13	19	12	3	2	0	155
(1)	1.42	2.59	3.07	.47	.94	1.42	1.18	.24	3.30	4.48	5.90	3.07	4.48	2.83	.71	.47	.00	36.56
(2)	.14	.25	.30	.05	.09	.14	.12	.02	.32	.44	.58	.30	.44	.28	.07	.05	.00	3.58
4-7	11	19	5	7	4	2	2	10	25	36	37	15	15	15	11	5	0	219
(1)	2.59	4.48	1.18	1.65	.94	.47	.47	2.36	5.90	8.49	8.73	3.54	3.54	3.54	2.59	1.18	.00	51.65
(2)	.25	.44	.12	.16	.09	.05	.05	.23	.58	.83	.85	.35	.35	.35	.25	.12	.00	5.05
8-12	2	1	4	10	4	0	0	0	1	4	9	3	2	0	2	2	0	44
(1)	.47	.24	.94	2.36	.94	.00	.00	.00	.24	.94	2.12	.71	.47	.00	.47	.47	.00	10.38
(2)	.05	.02	.09	.23	.09	.00	.00	.00	.02	.09	.21	.07	.05	.00	.05	.05	.00	1.02
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	19	32	23	19	13	8	7	11	40	59	72	32	36	28	16	9	0	424
(1)	4.48	7.55	5.42	4.48	3.07	1.89	1.65	2.59	9.43	13.92	16.98	7.55	8.49	6.60	3.77	2.12	.00	100.00
(2)	.44	.74	.53	.44	.30	.18	.16	.25	.92	1.36	1.66	.74	.83	.65	.37	.21	.00	9.79

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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	2	1	0	1	1	1	0	0	0	3	2	1	1	0	1	0	14
(1)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
(2)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
C-3	43	40	35	28	29	36	31	17	44	65	72	46	41	40	26	31	0	624
(1)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
(2)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
4-7	143	152	120	117	81	55	54	107	156	148	127	78	67	79	107	94	0	1685
(1)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
(2)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
8-12	182	104	86	83	36	17	39	149	80	103	191	64	54	95	189	129	0	1601
(1)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
(2)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
13-18	58	23	28	22	0	2	4	29	7	6	14	8	7	67	87	27	0	389
(1)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
(2)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
19-24	3	0	0	4	0	0	0	1	1	0	0	0	0	4	5	2	0	20
(1)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
(2)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	429	321	270	254	147	111	129	303	288	322	407	198	170	286	414	284	0	4333
(1)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00
(2)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-45—CCNPP 33 Feet March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	2	1	0	1	1	1	0	0	0	3	2	1	1	0	1	0	14
(1)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
(2)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
C-3	43	40	35	28	29	36	31	17	44	65	72	46	41	40	26	31	0	624
(1)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
(2)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
4-7	143	152	120	117	81	55	54	107	156	148	127	78	67	79	107	94	0	1685
(1)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
(2)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
8-12	182	104	86	83	36	17	39	149	80	103	191	64	54	95	189	129	0	1601
(1)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
(2)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
13-18	58	23	28	22	0	2	4	29	7	6	14	8	7	67	87	27	0	389
(1)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
(2)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
19-24	3	0	0	4	0	0	0	1	1	0	0	0	0	4	5	2	0	20
(1)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
(2)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	429	321	270	254	147	111	129	303	288	322	407	198	170	286	414	284	0	4333
(1)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00
(2)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-46—CCNPP 33 Feet April JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	2	1	0	1	1	1	0	0	0	3	2	1	1	0	1	0	14
(1)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
(2)	.00	.05	.02	.00	.02	.02	.02	.00	.00	.00	.07	.05	.02	.02	.00	.02	.00	.32
C-3	43	40	35	28	29	36	31	17	44	65	72	46	41	40	26	31	0	624
(1)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
(2)	.99	.92	.81	.65	.67	.83	.72	.39	1.02	1.50	1.66	1.06	.95	.92	.60	.72	.00	14.40
4-7	143	152	120	117	81	55	54	107	156	148	127	78	67	79	107	94	0	1685
(1)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
(2)	3.30	3.51	2.77	2.70	1.87	1.27	1.25	2.47	3.60	3.42	2.93	1.80	1.55	1.82	2.47	2.17	.00	38.89
8-12	182	104	86	83	36	17	39	149	80	103	191	64	54	95	189	129	0	1601
(1)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
(2)	4.20	2.40	1.98	1.92	.83	.39	.90	3.44	1.85	2.38	4.41	1.48	1.25	2.19	4.36	2.98	.00	36.95
13-18	58	23	28	22	0	2	4	29	7	6	14	8	7	67	87	27	0	389
(1)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
(2)	1.34	.53	.65	.51	.00	.05	.09	.67	.16	.14	.32	.18	.16	1.55	2.01	.62	.00	8.98
19-24	3	0	0	4	0	0	0	1	1	0	0	0	0	4	5	2	0	20
(1)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
(2)	.07	.00	.00	.09	.00	.00	.00	.02	.02	.00	.00	.00	.00	.09	.12	.05	.00	.46
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	429	321	270	254	147	111	129	303	288	322	407	198	170	286	414	284	0	4333
(1)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00
(2)	9.90	7.41	6.23	5.86	3.39	2.56	2.98	6.99	6.65	7.43	9.39	4.57	3.92	6.60	9.55	6.55	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.13

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02
4-7	6	10	8	10	6	2	1	2	0	5	1	7	3	0	0	0	0	61
(1)	3.57	5.95	4.76	5.95	3.57	1.19	.60	1.19	.00	2.98	.60	4.17	1.79	.00	.00	.00	.00	36.31
(2)	.15	.25	.20	.25	.15	.05	.02	.05	.00	.12	.02	.17	.07	.00	.00	.00	.00	1.50
8-12	8	5	11	2	0	2	4	10	3	4	10	8	2	2	4	3	0	78
(1)	4.76	2.98	6.55	1.19	.00	1.19	2.38	5.95	1.79	2.38	5.95	4.76	1.19	1.19	2.38	1.79	.00	46.43
(2)	.20	.12	.27	.05	.00	.05	.10	.25	.07	.10	.25	.20	.05	.05	.10	.07	.00	1.92
13-18	3	1	1	4	0	0	0	7	0	3	1	0	0	3	4	1	0	28
(1)	1.79	.60	.60	2.38	.00	.00	.00	4.17	.00	1.79	.60	.00	.00	1.79	2.38	.60	.00	16.67
(2)	.07	.02	.02	.10	.00	.00	.00	.17	.00	.07	.02	.00	.00	.07	.10	.02	.00	.69
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	17	16	20	16	6	4	5	19	3	12	12	15	5	6	8	4	0	168
(1)	10.12	9.52	11.90	9.52	3.57	2.38	2.98	11.31	1.79	7.14	7.14	8.93	2.98	3.57	4.76	2.38	.00	100.00
(2)	.42	.39	.49	.39	.15	.10	.12	.47	.07	.29	.29	.37	.12	.15	.20	.10	.00	4.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.46	.00	.46	.00	.00	.00	.00	.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.05
4-7	7	15	17	11	7	5	2	2	2	7	4	6	3	0	1	1	0	90
(1)	3.21	6.88	7.80	5.05	3.21	2.29	.92	.92	.92	3.21	1.83	2.75	1.38	.00	.46	.46	.00	41.28
(2)	.17	.37	.42	.27	.17	.12	.05	.05	.05	.17	.10	.15	.07	.00	.02	.02	.00	2.21
8-12	12	9	8	3	1	0	2	15	1	5	14	7	5	8	5	6	0	101
(1)	5.50	4.13	3.67	1.38	.46	.00	.92	6.88	.46	2.29	6.42	3.21	2.29	3.67	2.29	2.75	.00	46.33
(2)	.29	.22	.20	.07	.02	.00	.05	.37	.02	.12	.34	.17	.12	.20	.12	.15	.00	2.48
13-18	5	0	3	5	0	0	1	2	0	2	0	0	0	2	4	1	0	25
(1)	2.29	.00	1.38	2.29	.00	.00	.46	.92	.00	.92	.00	.00	.00	.92	1.83	.46	.00	11.47
(2)	.12	.00	.07	.12	.00	.00	.02	.05	.00	.05	.00	.00	.00	.05	.10	.02	.00	.61
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	24	24	28	19	8	5	5	19	3	14	19	13	9	10	10	8	0	218
(1)	11.01	11.01	12.84	8.72	3.67	2.29	2.29	8.72	1.38	6.42	8.72	5.96	4.13	4.59	4.59	3.67	.00	100.00
(2)	.59	.59	.69	.47	.20	.12	.12	.47	.07	.34	.47	.32	.22	.25	.25	.20	.00	5.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 39.95

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.00	.00	.00	.00	.00	.00	.12
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.05
C-3	13	9	16	15	18	16	14	10	7	5	12	4	4	7	4	7	0	161
(1)	.80	.55	.98	.92	1.11	.98	.86	.62	.43	.31	.74	.25	.25	.43	.25	.43	.00	9.91
(2)	.32	.22	.39	.37	.44	.39	.34	.25	.17	.12	.29	.10	.10	.17	.10	.17	.00	3.96
4-7	61	86	62	71	59	42	38	49	37	22	32	25	22	19	26	32	0	683
(1)	3.75	5.29	3.82	4.37	3.63	2.58	2.34	3.02	2.28	1.35	1.97	1.54	1.35	1.17	1.60	1.97	.00	42.03
(2)	1.50	2.11	1.52	1.75	1.45	1.03	.93	1.20	.91	.54	.79	.61	.54	.47	.64	.79	.00	16.79
8-12	60	56	74	59	11	8	25	67	22	19	34	20	6	25	52	61	0	599
(1)	3.69	3.45	4.55	3.63	.68	.49	1.54	4.12	1.35	1.17	2.09	1.23	.37	1.54	3.20	3.75	.00	36.86
(2)	1.47	1.38	1.82	1.45	.27	.20	.61	1.65	.54	.47	.84	.49	.15	.61	1.28	1.50	.00	14.72
13-18	17	15	40	20	0	0	0	23	4	9	1	1	2	18	18	5	0	173
(1)	1.05	.92	2.46	1.23	.00	.00	.00	1.42	.25	.55	.06	.06	.12	1.11	1.11	.31	.00	10.65
(2)	.42	.37	.98	.49	.00	.00	.00	.57	.10	.22	.02	.02	.05	.44	.44	.12	.00	4.25
19-24	0	0	4	0	0	0	0	0	0	0	0	0	0	3	0	0	0	7
(1)	.00	.00	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00	.00	.00	.43
(2)	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.17
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	151	166	196	165	88	66	77	149	70	55	81	50	34	72	100	105	0	1625
(1)	9.29	10.22	12.06	10.15	5.42	4.06	4.74	9.17	4.31	3.38	4.98	3.08	2.09	4.43	6.15	6.46	.00	100.00
(2)	3.71	4.08	4.82	4.06	2.16	1.62	1.89	3.66	1.72	1.35	1.99	1.23	.84	1.77	2.46	2.58	.00	39.95

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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 25.84

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
C-3	10	26	10	9	5	4	11	10	13	21	21	11	12	12	13	6	0	194
(1)	.95	2.47	.95	.86	.48	.38	1.05	.95	1.24	2.00	2.00	1.05	1.14	1.14	1.24	.57	.00	18.46
(2)	.25	.64	.25	.22	.12	.10	.27	.25	.32	.52	.52	.27	.29	.29	.32	.15	.00	4.77
4-7	47	38	33	17	10	8	5	22	55	78	57	32	25	22	54	29	0	532
(1)	4.47	3.62	3.14	1.62	.95	.76	.48	2.09	5.23	7.42	5.42	3.04	2.38	2.09	5.14	2.76	.00	50.62
(2)	1.16	.93	.81	.42	.25	.20	.12	.54	1.35	1.92	1.40	.79	.61	.54	1.33	.71	.00	13.08
8-12	19	14	19	1	1	0	2	17	27	54	67	22	7	8	25	19	0	302
(1)	1.81	1.33	1.81	.10	.10	.00	.19	1.62	2.57	5.14	6.37	2.09	.67	.76	2.38	1.81	.00	28.73
(2)	.47	.34	.47	.02	.02	.00	.05	.42	.66	1.33	1.65	.54	.17	.20	.61	.47	.00	7.42
13-18	1	1	2	0	0	0	0	2	2	4	3	1	3	2	0	0	0	21
(1)	.10	.10	.19	.00	.00	.00	.00	.19	.19	.38	.29	.10	.29	.19	.00	.00	.00	2.00
(2)	.02	.02	.05	.00	.00	.00	.00	.05	.05	.10	.07	.02	.07	.05	.00	.00	.00	.52
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	77	79	64	27	16	12	18	51	97	157	148	67	47	45	92	54	0	1051
(1)	7.33	7.52	6.09	2.57	1.52	1.14	1.71	4.85	9.23	14.94	14.08	6.37	4.47	4.28	8.75	5.14	.00	100.00
(2)	1.89	1.94	1.57	.66	.39	.29	.44	1.25	2.38	3.86	3.64	1.65	1.16	1.11	2.26	1.33	.00	25.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.77

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.32	.00	.32	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.05
C-3	2	5	5	1	3	3	5	8	11	15	12	6	8	16	1	2	0	103
(1)	.63	1.58	1.58	.32	.95	.95	1.58	2.53	3.48	4.75	3.80	1.90	2.53	5.06	.32	.63	.00	32.59
(2)	.05	.12	.12	.02	.07	.07	.12	.20	.27	.37	.29	.15	.20	.39	.02	.05	.00	2.53
4-7	6	4	4	2	1	1	2	4	20	36	61	23	5	8	6	2	0	185
(1)	1.90	1.27	1.27	.63	.32	.32	.63	1.27	6.33	11.39	19.30	7.28	1.58	2.53	1.90	.63	.00	58.54
(2)	.15	.10	.10	.05	.02	.02	.05	.10	.49	.88	1.50	.57	.12	.20	.15	.05	.00	4.55
8-12	1	1	3	3	0	0	0	0	1	2	10	0	0	1	1	0	0	23
(1)	.32	.32	.95	.95	.00	.00	.00	.00	.32	.63	3.16	.00	.00	.32	.32	.00	.00	7.28
(2)	.02	.02	.07	.07	.00	.00	.00	.00	.02	.05	.25	.00	.00	.02	.02	.00	.00	.57
13-18	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.63	.32	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.95
(2)	.00	.00	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	9	10	14	7	4	4	7	12	33	53	84	29	13	25	8	4	0	316
(1)	2.85	3.16	4.43	2.22	1.27	1.27	2.22	3.80	10.44	16.77	26.58	9.18	4.11	7.91	2.53	1.27	.00	100.00
(2)	.22	.25	.34	.17	.10	.10	.17	.29	.81	1.30	2.06	.71	.32	.61	.20	.10	.00	7.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 4.74

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.52	.00	.00	.52
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
C-3	0	1	2	0	0	0	0	2	9	16	33	14	10	5	1	1	0	94
(1)	.00	.52	1.04	.00	.00	.00	.00	1.04	4.66	8.29	17.10	7.25	5.18	2.59	.52	.52	.00	48.70
(2)	.00	.02	.05	.00	.00	.00	.00	.05	.22	.39	.81	.34	.25	.12	.02	.02	.00	2.31
4-7	0	1	0	0	0	0	0	0	2	21	30	5	4	3	1	0	0	67
(1)	.00	.52	.00	.00	.00	.00	.00	.00	1.04	10.88	15.54	2.59	2.07	1.55	.52	.00	.00	34.72
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.05	.52	.74	.12	.10	.07	.02	.00	.00	1.65
8-12	0	0	4	5	1	0	0	0	0	0	2	1	0	1	2	0	0	16
(1)	.00	.00	2.07	2.59	.52	.00	.00	.00	.00	.00	1.04	.52	.00	.52	1.04	.00	.00	8.29
(2)	.00	.00	.10	.12	.02	.00	.00	.00	.00	.00	.05	.02	.00	.02	.05	.00	.00	.39
13-18	0	0	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10
(1)	.00	.00	4.66	.52	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.18
(2)	.00	.00	.22	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25
19-24	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.00	1.55	1.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.59
(2)	.00	.00	.07	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	2	18	8	1	0	0	2	11	37	65	20	14	9	5	1	0	193
(1)	.00	1.04	9.33	4.15	.52	.00	.00	1.04	5.70	19.17	33.68	10.36	7.25	4.66	2.59	.52	.00	100.00
(2)	.00	.05	.44	.20	.02	.00	.00	.05	.27	.91	1.60	.49	.34	.22	.12	.02	.00	4.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-46—CCNPP 33 Feet April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	1	0	3	1	0	0	1	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.07	.02	.00	.00	.02	.00	.00	.15
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.07	.02	.00	.00	.02	.00	.00	.15
C-3	25	41	34	25	26	23	30	30	40	57	79	35	36	41	19	16	0	557
(1)	.61	1.01	.84	.61	.64	.57	.74	.74	.98	1.40	1.94	.86	.88	1.01	.47	.39	.00	13.69
(2)	.61	1.01	.84	.61	.64	.57	.74	.74	.98	1.40	1.94	.86	.88	1.01	.47	.39	.00	13.69
4-7	131	167	134	116	87	61	50	85	116	178	199	116	65	56	88	64	0	1713
(1)	3.22	4.11	3.29	2.85	2.14	1.50	1.23	2.09	2.85	4.38	4.89	2.85	1.60	1.38	2.16	1.57	.00	42.11
(2)	3.22	4.11	3.29	2.85	2.14	1.50	1.23	2.09	2.85	4.38	4.89	2.85	1.60	1.38	2.16	1.57	.00	42.11
8-12	135	124	138	76	17	18	48	132	57	102	194	92	34	58	112	96	0	1433
(1)	3.32	3.05	3.39	1.87	.42	.44	1.18	3.24	1.40	2.51	4.77	2.26	.84	1.43	2.75	2.36	.00	35.23
(2)	3.32	3.05	3.39	1.87	.42	.44	1.18	3.24	1.40	2.51	4.77	2.26	.84	1.43	2.75	2.36	.00	35.23
13-18	32	19	63	32	0	0	1	44	6	24	9	4	12	45	38	10	0	339
(1)	.79	.47	1.55	.79	.00	.00	.02	1.08	.15	.59	.22	.10	.29	1.11	.93	.25	.00	8.33
(2)	.79	.47	1.55	.79	.00	.00	.02	1.08	.15	.59	.22	.10	.29	1.11	.93	.25	.00	8.33
19-24	0	0	7	2	0	0	0	0	0	2	0	0	0	7	2	0	0	20
(1)	.00	.00	.17	.05	.00	.00	.00	.00	.00	.05	.00	.00	.00	.17	.05	.00	.00	.49
(2)	.00	.00	.17	.05	.00	.00	.00	.00	.00	.05	.00	.00	.00	.17	.05	.00	.00	.49
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	323	351	376	251	130	102	129	291	220	363	484	248	147	207	260	186	0	4068
(1)	7.94	8.63	9.24	6.17	3.20	2.51	3.17	7.15	5.41	8.92	11.90	6.10	3.61	5.09	6.39	4.57	.00	100.00
(2)	7.94	8.63	9.24	6.17	3.20	2.51	3.17	7.15	5.41	8.92	11.90	6.10	3.61	5.09	6.39	4.57	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.37

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	1	0	0	0	0	1	0	0	0	1	1	0	0	0	5
(1)	.00	.00	.17	.17	.00	.00	.00	.00	.17	.00	.00	.00	.17	.17	.00	.00	.00	.84
(2)	.00	.00	.02	.02	.00	.00	.00	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.11
4-7	20	38	27	24	17	12	20	21	12	30	46	34	5	5	2	5	0	318
(1)	3.36	6.39	4.54	4.03	2.86	2.02	3.36	3.53	2.02	5.04	7.73	5.71	.84	.84	.34	.84	.00	53.45
(2)	.45	.85	.61	.54	.38	.27	.45	.47	.27	.67	1.03	.76	.11	.11	.04	.11	.00	7.14
8-12	21	14	5	2	8	5	23	29	7	13	48	26	13	16	9	3	0	242
(1)	3.53	2.35	.84	.34	1.34	.84	3.87	4.87	1.18	2.18	8.07	4.37	2.18	2.69	1.51	.50	.00	40.67
(2)	.47	.31	.11	.04	.18	.11	.52	.65	.16	.29	1.08	.58	.29	.36	.20	.07	.00	5.44
13-18	1	0	5	0	0	0	0	6	0	4	4	2	2	2	2	1	0	29
(1)	.17	.00	.84	.00	.00	.00	.00	1.01	.00	.67	.67	.34	.34	.34	.34	.17	.00	4.87
(2)	.02	.00	.11	.00	.00	.00	.00	.13	.00	.09	.09	.04	.04	.04	.04	.02	.00	.65
19-24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	42	52	39	27	25	17	43	56	20	47	98	62	21	24	13	9	0	595
(1)	7.06	8.74	6.55	4.54	4.20	2.86	7.23	9.41	3.36	7.90	16.47	10.42	3.53	4.03	2.18	1.51	.00	100.00
(2)	.94	1.17	.88	.61	.56	.38	.97	1.26	.45	1.06	2.20	1.39	.47	.54	.29	.20	.00	13.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.12

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	1	0	0	0	1	0	0	1	2	0	0	1	0	6
(1)	.00	.00	.00	.00	.44	.00	.00	.00	.44	.00	.00	.44	.88	.00	.00	.44	.00	2.63
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.02	.04	.00	.00	.02	.00	.13
4-7	7	15	10	11	6	10	9	6	7	2	8	10	9	6	1	0	0	117
(1)	3.07	6.58	4.39	4.82	2.63	4.39	3.95	2.63	3.07	.88	3.51	4.39	3.95	2.63	.44	.00	.00	51.32
(2)	.16	.34	.22	.25	.13	.22	.20	.13	.16	.04	.18	.22	.20	.13	.02	.00	.00	2.63
8-12	10	6	3	3	1	4	8	18	4	2	11	8	6	2	4	1	0	91
(1)	4.39	2.63	1.32	1.32	.44	1.75	3.51	7.89	1.75	.88	4.82	3.51	2.63	.88	1.75	.44	.00	39.91
(2)	.22	.13	.07	.07	.02	.09	.18	.40	.09	.04	.25	.18	.13	.04	.09	.02	.00	2.04
13-18	3	0	2	1	0	0	1	1	0	0	0	0	0	4	1	1	0	14
(1)	1.32	.00	.88	.44	.00	.00	.44	.44	.00	.00	.00	.00	.00	1.75	.44	.44	.00	6.14
(2)	.07	.00	.04	.02	.00	.00	.02	.02	.00	.00	.00	.00	.00	.09	.02	.02	.00	.31
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	21	15	15	8	14	18	25	12	4	19	19	17	12	6	3	0	228
(1)	8.77	9.21	6.58	6.58	3.51	6.14	7.89	10.96	5.26	1.75	8.33	8.33	7.46	5.26	2.63	1.32	.00	100.00
(2)	.45	.47	.34	.34	.18	.31	.40	.56	.27	.09	.43	.43	.38	.27	.13	.07	.00	5.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.50

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	2	1	3	1	0	1	1	0	1	0	0	1	0	0	13
(1)	.41	.00	.41	.82	.41	1.22	.41	.00	.41	.41	.00	.41	.00	.00	.41	.00	.00	5.31
(2)	.02	.00	.02	.04	.02	.07	.02	.00	.02	.02	.00	.02	.00	.00	.02	.00	.00	.29
4-7	11	16	13	9	10	8	5	18	5	9	9	11	7	3	4	1	0	139
(1)	4.49	6.53	5.31	3.67	4.08	3.27	2.04	7.35	2.04	3.67	3.67	4.49	2.86	1.22	1.63	.41	.00	56.73
(2)	.25	.36	.29	.20	.22	.18	.11	.40	.11	.20	.20	.25	.16	.07	.09	.02	.00	3.12
8-12	11	3	7	4	3	2	4	16	2	0	11	5	4	2	5	3	0	82
(1)	4.49	1.22	2.86	1.63	1.22	.82	1.63	6.53	.82	.00	4.49	2.04	1.63	.82	2.04	1.22	.00	33.47
(2)	.25	.07	.16	.09	.07	.04	.09	.36	.04	.00	.25	.11	.09	.04	.11	.07	.00	1.84
13-18	0	0	2	2	0	0	0	0	0	0	1	0	2	3	0	0	0	10
(1)	.00	.00	.82	.82	.00	.00	.00	.00	.00	.00	.41	.00	.82	1.22	.00	.00	.00	4.08
(2)	.00	.00	.04	.04	.00	.00	.00	.00	.00	.00	.02	.00	.04	.07	.00	.00	.00	.22
19-24	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.41	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.41
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	19	24	17	14	13	10	34	8	10	21	17	13	8	10	4	0	245
(1)	9.39	7.76	9.80	6.94	5.71	5.31	4.08	13.88	3.27	4.08	8.57	6.94	5.31	3.27	4.08	1.63	.00	100.00
(2)	.52	.43	.54	.38	.31	.29	.22	.76	.18	.22	.47	.38	.29	.18	.22	.09	.00	5.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 35.50

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	10	11	14	15	27	17	20	16	17	21	12	5	6	8	7	9	0	215
(1)	.63	.70	.89	.95	1.71	1.08	1.27	1.01	1.08	1.33	.76	.32	.38	.51	.44	.57	.00	13.61
(2)	.22	.25	.31	.34	.61	.38	.45	.36	.38	.47	.27	.11	.13	.18	.16	.20	.00	4.83
4-7	50	76	86	101	85	55	59	88	63	23	47	33	23	16	21	35	0	861
(1)	3.16	4.81	5.44	6.39	5.38	3.48	3.73	5.57	3.99	1.46	2.97	2.09	1.46	1.01	1.33	2.22	.00	54.49
(2)	1.12	1.71	1.93	2.27	1.91	1.24	1.33	1.98	1.42	.52	1.06	.74	.52	.36	.47	.79	.00	19.34
8-12	44	33	52	59	21	18	29	62	15	7	33	12	11	7	19	38	0	460
(1)	2.78	2.09	3.29	3.73	1.33	1.14	1.84	3.92	.95	.44	2.09	.76	.70	.44	1.20	2.41	.00	29.11
(2)	.99	.74	1.17	1.33	.47	.40	.65	1.39	.34	.16	.74	.27	.25	.16	.43	.85	.00	10.33
13-18	2	6	15	11	0	1	0	1	0	1	0	0	2	1	0	2	0	42
(1)	.13	.38	.95	.70	.00	.06	.00	.06	.00	.06	.00	.00	.13	.06	.00	.13	.00	2.66
(2)	.04	.13	.34	.25	.00	.02	.00	.02	.00	.02	.00	.00	.04	.02	.00	.04	.00	.94
19-24	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13
(2)	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	106	126	169	186	133	91	108	167	95	52	92	50	42	32	47	84	0	1580
(1)	6.71	7.97	10.70	11.77	8.42	5.76	6.84	10.57	6.01	3.29	5.82	3.16	2.66	2.03	2.97	5.32	.00	100.00
(2)	2.38	2.83	3.80	4.18	2.99	2.04	2.43	3.75	2.13	1.17	2.07	1.12	.94	.72	1.06	1.89	.00	35.50

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH))

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 23.34

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.04
C-3	12	10	5	9	12	12	18	27	39	35	31	20	16	14	13	8	0	281
(1)	1.15	.96	.48	.87	1.15	1.15	1.73	2.60	3.75	3.37	2.98	1.92	1.54	1.35	1.25	.77	.00	27.05
(2)	.27	.22	.11	.20	.27	.27	.40	.61	.88	.79	.70	.45	.36	.31	.29	.18	.00	6.31
4-7	19	11	11	9	11	9	14	41	58	60	117	47	22	35	49	36	0	549
(1)	1.83	1.06	1.06	.87	1.06	.87	1.35	3.95	5.58	5.77	11.26	4.52	2.12	3.37	4.72	3.46	.00	52.84
(2)	.43	.25	.25	.20	.25	.20	.31	.92	1.30	1.35	2.63	1.06	.49	.79	1.10	.81	.00	12.33
8-12	13	8	1	0	3	3	3	8	6	19	78	11	9	10	16	9	0	197
(1)	1.25	.77	.10	.00	.29	.29	.29	.77	.58	1.83	7.51	1.06	.87	.96	1.54	.87	.00	18.96
(2)	.29	.18	.02	.00	.07	.07	.07	.18	.13	.43	1.75	.25	.20	.22	.36	.20	.00	4.43
13-18	0	0	0	0	0	0	0	0	0	1	5	0	1	3	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.48	.00	.10	.29	.00	.00	.00	.96
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.11	.00	.02	.07	.00	.00	.00	.22
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	44	29	17	18	26	24	36	76	103	115	231	79	48	62	78	53	0	1039
(1)	4.23	2.79	1.64	1.73	2.50	2.31	3.46	7.31	9.91	11.07	22.23	7.60	4.62	5.97	7.51	5.10	.00	100.00
(2)	.99	.65	.38	.40	.58	.54	.81	1.71	2.31	2.58	5.19	1.77	1.08	1.39	1.75	1.19	.00	23.34

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	4
(1)	.00	.00	.00	.21	.00	.00	.00	.00	.21	.21	.00	.00	.21	.00	.00	.00	.00	.85
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.09
C-3	4	9	4	5	1	5	6	10	24	38	35	25	12	11	18	3	0	210
(1)	.85	1.92	.85	1.07	.21	1.07	1.28	2.13	5.12	8.10	7.46	5.33	2.56	2.35	3.84	.64	.00	44.78
(2)	.09	.20	.09	.11	.02	.11	.13	.22	.54	.85	.79	.56	.27	.25	.40	.07	.00	4.72
4-7	1	1	1	0	0	0	5	5	16	34	99	27	13	20	23	5	0	250
(1)	.21	.21	.21	.00	.00	.00	1.07	1.07	3.41	7.25	21.11	5.76	2.77	4.26	4.90	1.07	.00	53.30
(2)	.02	.02	.02	.00	.00	.00	.11	.11	.36	.76	2.22	.61	.29	.45	.52	.11	.00	5.62
8-12	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.64	.43	.00	.00	.00	.00	.00	1.07
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.04	.00	.00	.00	.00	.00	.11
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	10	5	6	1	5	11	15	41	73	137	54	26	31	41	8	0	469
(1)	1.07	2.13	1.07	1.28	.21	1.07	2.35	3.20	8.74	15.57	29.21	11.51	5.54	6.61	8.74	1.71	.00	100.00
(2)	.11	.22	.11	.13	.02	.11	.25	.34	.92	1.64	3.08	1.21	.58	.70	.92	.18	.00	10.54

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.63

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	2	0	0	1	1	1	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.68	.00	.00	.34	.34	.34	.00	.00	.00	.00	1.69
(2)	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.02	.02	.02	.00	.00	.00	.00	.11
C-3	0	0	0	1	0	2	3	5	14	42	34	23	23	17	10	2	0	176
(1)	.00	.00	.00	.34	.00	.68	1.02	1.69	4.75	14.24	11.53	7.80	7.80	5.76	3.39	.68	.00	59.66
(2)	.00	.00	.00	.02	.00	.04	.07	.11	.31	.94	.76	.52	.52	.38	.22	.04	.00	3.95
4-7	0	0	0	0	0	0	0	1	5	24	47	14	11	6	6	0	0	114
(1)	.00	.00	.00	.00	.00	.00	.00	.34	1.69	8.14	15.93	4.75	3.73	2.03	2.03	.00	.00	38.64
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.11	.54	1.06	.31	.25	.13	.13	.00	.00	2.56
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	1	0	2	3	8	19	66	82	38	35	23	16	2	0	295
(1)	.00	.00	.00	.34	.00	.68	1.02	2.71	6.44	22.37	27.80	12.88	11.86	7.80	5.42	.68	.00	100.00
(2)	.00	.00	.00	.02	.00	.04	.07	.18	.43	1.48	1.84	.85	.79	.52	.36	.04	.00	6.63

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-47—CCNPP 33 Feet May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	1	0	0	1	2	1	1	1	2	2	0	0	0	0	11
(1)	.00	.00	.00	.02	.00	.00	.02	.04	.02	.02	.02	.04	.04	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.02	.00	.00	.02	.04	.02	.02	.02	.04	.04	.00	.00	.00	.00	.25
C-3	27	30	25	33	42	39	48	58	97	137	112	75	60	51	49	23	0	906
(1)	.61	.67	.56	.74	.94	.88	1.08	1.30	2.18	3.08	2.52	1.69	1.35	1.15	1.10	.52	.00	20.35
(2)	.61	.67	.56	.74	.94	.88	1.08	1.30	2.18	3.08	2.52	1.69	1.35	1.15	1.10	.52	.00	20.35
4-7	108	157	148	154	129	94	112	180	166	182	373	176	90	91	106	82	0	2348
(1)	2.43	3.53	3.33	3.46	2.90	2.11	2.52	4.04	3.73	4.09	8.38	3.95	2.02	2.04	2.38	1.84	.00	52.75
(2)	2.43	3.53	3.33	3.46	2.90	2.11	2.52	4.04	3.73	4.09	8.38	3.95	2.02	2.04	2.38	1.84	.00	52.75
8-12	99	64	68	68	36	32	67	133	34	41	184	64	43	37	53	54	0	1077
(1)	2.22	1.44	1.53	1.53	.81	.72	1.51	2.99	.76	.92	4.13	1.44	.97	.83	1.19	1.21	.00	24.20
(2)	2.22	1.44	1.53	1.53	.81	.72	1.51	2.99	.76	.92	4.13	1.44	.97	.83	1.19	1.21	.00	24.20
13-18	6	6	24	14	0	1	1	8	0	6	10	2	7	13	3	4	0	105
(1)	.13	.13	.54	.31	.00	.02	.02	.18	.00	.13	.22	.04	.16	.29	.07	.09	.00	2.36
(2)	.13	.13	.54	.31	.00	.02	.02	.18	.00	.13	.22	.04	.16	.29	.07	.09	.00	2.36
19-24	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
(1)	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.00	.00	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	240	257	269	270	207	166	229	381	298	367	680	319	202	192	211	163	0	4451
(1)	5.39	5.77	6.04	6.07	4.65	3.73	5.14	8.56	6.70	8.25	15.28	7.17	4.54	4.31	4.74	3.66	.00	100.00
(2)	5.39	5.77	6.04	6.07	4.65	3.73	5.14	8.56	6.70	8.25	15.28	7.17	4.54	4.31	4.74	3.66	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.90

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	1	1	0	0	1	0	0	3	0	1	0	1	0	0	0	9
(1)	.00	.17	.17	.17	.00	.00	.17	.00	.00	.50	.00	.17	.00	.17	.00	.00	.00	1.50
(2)	.00	.02	.02	.02	.00	.00	.02	.00	.00	.07	.00	.02	.00	.02	.00	.00	.00	.21
4-7	19	34	19	19	21	17	15	19	17	32	61	43	16	6	7	3	0	348
(1)	3.17	5.67	3.17	3.17	3.50	2.83	2.50	3.17	2.83	5.33	10.17	7.17	2.67	1.00	1.17	.50	.00	58.00
(2)	.44	.79	.44	.44	.49	.39	.35	.44	.39	.74	1.41	1.00	.37	.14	.16	.07	.00	8.06
8-12	27	12	4	1	0	1	21	43	10	20	42	22	13	4	7	6	0	233
(1)	4.50	2.00	.67	.17	.00	.17	3.50	7.17	1.67	3.33	7.00	3.67	2.17	.67	1.17	1.00	.00	38.83
(2)	.63	.28	.09	.02	.00	.02	.49	1.00	.23	.46	.97	.51	.30	.09	.16	.14	.00	5.40
13-18	0	0	0	0	0	0	1	5	0	0	1	0	0	0	3	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.17	.83	.00	.00	.17	.00	.00	.00	.50	.00	.00	1.67
(2)	.00	.00	.00	.00	.00	.00	.02	.12	.00	.00	.02	.00	.00	.00	.07	.00	.00	.23
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	46	47	24	21	21	18	38	67	27	55	104	66	29	11	17	9	0	600
(1)	7.67	7.83	4.00	3.50	3.50	3.00	6.33	11.17	4.50	9.17	17.33	11.00	4.83	1.83	2.83	1.50	.00	100.00
(2)	1.07	1.09	.56	.49	.49	.42	.88	1.55	.63	1.27	2.41	1.53	.67	.25	.39	.21	.00	13.90

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	1	2	2	0	2	0	1	4	3	2	0	0	0	0	0	19
(1)	.42	.42	.42	.84	.84	.00	.84	.00	.42	1.67	1.26	.84	.00	.00	.00	.00	.00	7.95
(2)	.02	.02	.02	.05	.05	.00	.05	.00	.02	.09	.07	.05	.00	.00	.00	.00	.00	.44
4-7	16	10	17	13	10	10	13	10	9	9	16	10	7	10	2	1	0	163
(1)	6.69	4.18	7.11	5.44	4.18	4.18	5.44	4.18	3.77	3.77	6.69	4.18	2.93	4.18	.84	.42	.00	68.20
(2)	.37	.23	.39	.30	.23	.23	.30	.23	.21	.21	.37	.23	.16	.23	.05	.02	.00	3.78
8-12	6	1	3	0	1	1	5	13	0	7	6	3	3	0	2	4	0	55
(1)	2.51	.42	1.26	.00	.42	.42	2.09	5.44	.00	2.93	2.51	1.26	1.26	.00	.84	1.67	.00	23.01
(2)	.14	.02	.07	.00	.02	.02	.12	.30	.00	.16	.14	.07	.07	.00	.05	.09	.00	1.27
13-18	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00	.42	.00	.00	.84
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	23	12	21	15	13	11	20	24	10	20	25	15	10	10	5	5	0	239
(1)	9.62	5.02	8.79	6.28	5.44	4.60	8.37	10.04	4.18	8.37	10.46	6.28	4.18	4.18	2.09	2.09	.00	100.00
(2)	.53	.28	.49	.35	.30	.25	.46	.56	.23	.46	.58	.35	.23	.23	.12	.12	.00	5.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.02

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	2	2	1	1	1	0	0	1	4	0	0	1	0	0	0	13
(1)	.00	.00	.77	.77	.38	.38	.38	.00	.00	.38	1.54	.00	.00	.38	.00	.00	.00	5.00
(2)	.00	.00	.05	.05	.02	.02	.02	.00	.00	.02	.09	.00	.00	.02	.00	.00	.00	.30
4-7	23	23	17	13	13	8	7	11	9	7	18	9	8	7	12	5	0	190
(1)	8.85	8.85	6.54	5.00	5.00	3.08	2.69	4.23	3.46	2.69	6.92	3.46	3.08	2.69	4.62	1.92	.00	73.08
(2)	.53	.53	.39	.30	.30	.19	.16	.25	.21	.16	.42	.21	.19	.16	.28	.12	.00	4.40
8-12	7	2	2	2	1	1	0	12	0	5	8	2	6	2	3	0	0	53
(1)	2.69	.77	.77	.77	.38	.38	.00	4.62	.00	1.92	3.08	.77	2.31	.77	1.15	.00	.00	20.38
(2)	.16	.05	.05	.05	.02	.02	.00	.28	.00	.12	.19	.05	.14	.05	.07	.00	.00	1.23
13-18	0	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	4
(1)	.00	.00	.38	.00	.00	.00	.00	.38	.00	.00	.00	.00	.38	.00	.38	.00	.00	1.54
(2)	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.02	.00	.00	.09
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	30	25	22	17	15	10	8	24	9	13	30	11	15	10	16	5	0	260
(1)	11.54	9.62	8.46	6.54	5.77	3.85	3.08	9.23	3.46	5.00	11.54	4.23	5.77	3.85	6.15	1.92	.00	100.00
(2)	.69	.58	.51	.39	.35	.23	.19	.56	.21	.30	.69	.25	.35	.23	.37	.12	.00	6.02

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.58

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	12	15	14	14	16	10	13	11	10	17	23	18	15	13	5	10	0	216
(1)	.91	1.14	1.06	1.06	1.21	.76	.98	.83	.76	1.29	1.74	1.36	1.14	.98	.38	.76	.00	16.36
(2)	.28	.35	.32	.32	.37	.23	.30	.25	.23	.39	.53	.42	.35	.30	.12	.23	.00	5.00
4-7	59	69	51	75	71	35	16	66	32	50	72	38	35	30	39	31	0	769
(1)	4.47	5.23	3.86	5.68	5.38	2.65	1.21	5.00	2.42	3.79	5.45	2.88	2.65	2.27	2.95	2.35	.00	58.26
(2)	1.37	1.60	1.18	1.74	1.64	.81	.37	1.53	.74	1.16	1.67	.88	.81	.69	.90	.72	.00	17.81
8-12	39	17	39	51	21	7	1	47	3	4	25	12	4	6	25	21	0	322
(1)	2.95	1.29	2.95	3.86	1.59	.53	.08	3.56	.23	.30	1.89	.91	.30	.45	1.89	1.59	.00	24.39
(2)	.90	.39	.90	1.18	.49	.16	.02	1.09	.07	.09	.58	.28	.09	.14	.58	.49	.00	7.46
13-18	2	1	1	2	0	0	0	0	0	0	0	0	0	4	3	0	0	13
(1)	.15	.08	.08	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.30	.23	.00	.00	.98
(2)	.05	.02	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09	.07	.00	.00	.30
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	112	102	105	142	108	52	30	124	45	71	120	68	54	53	72	62	0	1320
(1)	8.48	7.73	7.95	10.76	8.18	3.94	2.27	9.39	3.41	5.38	9.09	5.15	4.09	4.02	5.45	4.70	.00	100.00
(2)	2.59	2.36	2.43	3.29	2.50	1.20	.69	2.87	1.04	1.64	2.78	1.58	1.25	1.23	1.67	1.44	.00	30.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 22.12

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	2	0	1	0	1	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.21	.00	.10	.00	.10	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.00	.02	.00	.00	.00	.00	.09
C-3	7	8	5	2	4	7	10	23	33	56	57	30	23	20	9	10	0	304
(1)	.73	.84	.52	.21	.42	.73	1.05	2.41	3.46	5.86	5.97	3.14	2.41	2.09	.94	1.05	.00	31.83
(2)	.16	.19	.12	.05	.09	.16	.23	.53	.76	1.30	1.32	.69	.53	.46	.21	.23	.00	7.04
4-7	16	8	8	3	5	7	8	34	59	83	120	62	29	31	33	29	0	535
(1)	1.68	.84	.84	.31	.52	.73	.84	3.56	6.18	8.69	12.57	6.49	3.04	3.25	3.46	3.04	.00	56.02
(2)	.37	.19	.19	.07	.12	.16	.19	.79	1.37	1.92	2.78	1.44	.67	.72	.76	.67	.00	12.39
8-12	5	0	0	0	1	1	0	13	6	7	55	6	1	3	5	8	0	111
(1)	.52	.00	.00	.00	.10	.10	.00	1.36	.63	.73	5.76	.63	.10	.31	.52	.84	.00	11.62
(2)	.12	.00	.00	.00	.02	.02	.00	.30	.14	.16	1.27	.14	.02	.07	.12	.19	.00	2.57
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	28	16	13	5	10	15	18	70	100	146	233	98	54	54	47	48	0	955
(1)	2.93	1.68	1.36	.52	1.05	1.57	1.88	7.33	10.47	15.29	24.40	10.26	5.65	5.65	4.92	5.03	.00	100.00
(2)	.65	.37	.30	.12	.23	.35	.42	1.62	2.32	3.38	5.40	2.27	1.25	1.25	1.09	1.11	.00	22.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 12.74

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.18	.18	.00	.00	.36	.00	.00	.00	.00	.00	.00	.00	.73
(2)	.00	.00	.00	.00	.00	.02	.02	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.09
C-3	5	0	2	1	0	3	3	12	40	82	60	31	16	13	2	6	0	276
(1)	.91	.00	.36	.18	.00	.55	.55	2.18	7.27	14.91	10.91	5.64	2.91	2.36	.36	1.09	.00	50.18
(2)	.12	.00	.05	.02	.00	.07	.07	.28	.93	1.90	1.39	.72	.37	.30	.05	.14	.00	6.39
4-7	0	0	0	0	0	0	0	6	11	38	99	52	22	20	17	2	0	267
(1)	.00	.00	.00	.00	.00	.00	.00	1.09	2.00	6.91	18.00	9.45	4.00	3.64	3.09	.36	.00	48.55
(2)	.00	.00	.00	.00	.00	.00	.00	.14	.25	.88	2.29	1.20	.51	.46	.39	.05	.00	6.18
8-12	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.36	.00	.18	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.00	.00	.00	.00	.07
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	0	2	1	0	4	4	18	51	122	161	83	39	33	19	8	0	550
(1)	.91	.00	.36	.18	.00	.73	.73	3.27	9.27	22.18	29.27	15.09	7.09	6.00	3.45	1.45	.00	100.00
(2)	.12	.00	.05	.02	.00	.09	.09	.42	1.18	2.83	3.73	1.92	.90	.76	.44	.19	.00	12.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.10

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	1	2	4	3	0	0	0	0	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.25	.51	1.02	.76	.00	.00	.00	.00	.00	2.54
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.09	.07	.00	.00	.00	.00	.00	.23
C-3	0	0	0	0	1	0	0	3	13	50	84	60	29	19	2	0	0	261
(1)	.00	.00	.00	.00	.25	.00	.00	.76	3.31	12.72	21.37	15.27	7.38	4.83	.51	.00	.00	66.41
(2)	.00	.00	.00	.00	.02	.00	.00	.07	.30	1.16	1.95	1.39	.67	.44	.05	.00	.00	6.05
4-7	0	0	0	0	0	0	0	0	6	18	49	27	11	7	3	0	0	121
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.53	4.58	12.47	6.87	2.80	1.78	.76	.00	.00	30.79
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.14	.42	1.14	.63	.25	.16	.07	.00	.00	2.80
8-12	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.25	.00	.00	.00	.00	.00	.00	.00	.25
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	0	0	1	0	0	3	20	71	137	90	40	26	5	0	0	393
(1)	.00	.00	.00	.00	.25	.00	.00	.76	5.09	18.07	34.86	22.90	10.18	6.62	1.27	.00	.00	100.00
(2)	.00	.00	.00	.00	.02	.00	.00	.07	.46	1.64	3.17	2.08	.93	.60	.12	.00	.00	9.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-48—CCNPP 33 Feet June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	1	0	3	4	5	3	1	0	0	0	0	18
(1)	.00	.00	.00	.00	.00	.02	.02	.00	.07	.09	.12	.07	.02	.00	.00	.00	.00	.42
(2)	.00	.00	.00	.00	.00	.02	.02	.00	.07	.09	.12	.07	.02	.00	.00	.00	.00	.42
C-3	25	25	25	22	24	21	30	49	97	213	231	142	83	67	18	26	0	1098
(1)	.58	.58	.58	.51	.56	.49	.69	1.14	2.25	4.93	5.35	3.29	1.92	1.55	.42	.60	.00	25.43
(2)	.58	.58	.58	.51	.56	.49	.69	1.14	2.25	4.93	5.35	3.29	1.92	1.55	.42	.60	.00	25.43
4-7	133	144	112	123	120	77	59	146	143	237	435	241	128	111	113	71	0	2393
(1)	3.08	3.34	2.59	2.85	2.78	1.78	1.37	3.38	3.31	5.49	10.08	5.58	2.97	2.57	2.62	1.64	.00	55.43
(2)	3.08	3.34	2.59	2.85	2.78	1.78	1.37	3.38	3.31	5.49	10.08	5.58	2.97	2.57	2.62	1.64	.00	55.43
8-12	84	32	48	54	24	11	27	128	19	44	138	45	28	15	42	39	0	778
(1)	1.95	.74	1.11	1.25	.56	.25	.63	2.97	.44	1.02	3.20	1.04	.65	.35	.97	.90	.00	18.02
(2)	1.95	.74	1.11	1.25	.56	.25	.63	2.97	.44	1.02	3.20	1.04	.65	.35	.97	.90	.00	18.02
13-18	2	1	2	2	0	0	1	7	0	0	1	0	1	4	8	1	0	30
(1)	.05	.02	.05	.05	.00	.00	.02	.16	.00	.00	.02	.00	.02	.09	.19	.02	.00	.69
(2)	.05	.02	.05	.05	.00	.00	.02	.16	.00	.00	.02	.00	.02	.09	.19	.02	.00	.69
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	244	202	187	201	168	110	118	330	262	498	810	431	241	197	181	137	0	4317
(1)	5.65	4.68	4.33	4.66	3.89	2.55	2.73	7.64	6.07	11.54	18.76	9.98	5.58	4.56	4.19	3.17	.00	100.00
(2)	5.65	4.68	4.33	4.66	3.89	2.55	2.73	7.64	6.07	11.54	18.76	9.98	5.58	4.56	4.19	3.17	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.47

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	0	0	0	0	0	0	4	0	1	0	0	0	0	0	6
(1)	.00	.00	.19	.00	.00	.00	.00	.00	.00	.74	.00	.19	.00	.00	.00	.00	.00	1.11
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.09	.00	.02	.00	.00	.00	.00	.00	.14
4-7	26	31	22	9	10	14	24	18	17	31	59	27	8	0	5	5	0	306
(1)	4.81	5.74	4.07	1.67	1.85	2.59	4.44	3.33	3.15	5.74	10.93	5.00	1.48	.00	.93	.93	.00	56.67
(2)	.60	.72	.51	.21	.23	.32	.55	.42	.39	.72	1.36	.62	.18	.00	.12	.12	.00	7.07
8-12	39	26	20	2	0	4	20	32	6	12	16	16	9	6	10	5	0	223
(1)	7.22	4.81	3.70	.37	.00	.74	3.70	5.93	1.11	2.22	2.96	2.96	1.67	1.11	1.85	.93	.00	41.30
(2)	.90	.60	.46	.05	.00	.09	.46	.74	.14	.28	.37	.37	.21	.14	.23	.12	.00	5.15
13-18	0	0	1	1	0	0	0	2	0	0	0	0	0	0	1	0	0	5
(1)	.00	.00	.19	.19	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.19	.00	.00	.93
(2)	.00	.00	.02	.02	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.02	.00	.00	.12
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	65	57	44	12	10	18	44	52	23	47	75	44	17	6	16	10	0	540
(1)	12.04	10.56	8.15	2.22	1.85	3.33	8.15	9.63	4.26	8.70	13.89	8.15	3.15	1.11	2.96	1.85	.00	100.00
(2)	1.50	1.32	1.02	.28	.23	.42	1.02	1.20	.53	1.09	1.73	1.02	.39	.14	.37	.23	.00	12.47

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.87

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	0	1	0	2	0	0	1	0	2	1	1	0	1	0	0	0	11
(1)	.79	.00	.39	.00	.79	.00	.00	.39	.00	.79	.39	.39	.00	.39	.00	.00	.00	4.33
(2)	.05	.00	.02	.00	.05	.00	.00	.02	.00	.05	.02	.02	.00	.02	.00	.00	.00	.25
4-7	22	29	12	18	9	6	16	10	6	8	13	23	18	2	1	1	0	194
(1)	8.66	11.42	4.72	7.09	3.54	2.36	6.30	3.94	2.36	3.15	5.12	9.06	7.09	.79	.39	.39	.00	76.38
(2)	.51	.67	.28	.42	.21	.14	.37	.23	.14	.18	.30	.53	.42	.05	.02	.02	.00	4.48
8-12	7	5	2	1	0	1	3	9	2	2	6	3	1	0	3	1	0	46
(1)	2.76	1.97	.79	.39	.00	.39	1.18	3.54	.79	.79	2.36	1.18	.39	.00	1.18	.39	.00	18.11
(2)	.16	.12	.05	.02	.00	.02	.07	.21	.05	.05	.14	.07	.02	.00	.07	.02	.00	1.06
13-18	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	3
(1)	.00	.00	.39	.00	.00	.00	.00	.00	.39	.00	.00	.00	.00	.00	.39	.00	.00	1.18
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.07
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	31	34	16	19	11	7	19	20	9	12	20	27	19	3	5	2	0	254
(1)	12.20	13.39	6.30	7.48	4.33	2.76	7.48	7.87	3.54	4.72	7.87	10.63	7.48	1.18	1.97	.79	.00	100.00
(2)	.72	.79	.37	.44	.25	.16	.44	.46	.21	.28	.46	.62	.44	.07	.12	.05	.00	5.87

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.74

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	3	1	4	5	1	3	2	1	2	2	3	1	1	0	3	0	32
(1)	.00	1.03	.34	1.37	1.71	.34	1.03	.68	.34	.68	.68	1.03	.34	.34	.00	1.03	.00	10.96
(2)	.00	.07	.02	.09	.12	.02	.07	.05	.02	.05	.05	.07	.02	.02	.00	.07	.00	.74
4-7	26	36	19	13	16	9	12	11	5	8	24	20	8	4	4	5	0	220
(1)	8.90	12.33	6.51	4.45	5.48	3.08	4.11	3.77	1.71	2.74	8.22	6.85	2.74	1.37	1.37	1.71	.00	75.34
(2)	.60	.83	.44	.30	.37	.21	.28	.25	.12	.18	.55	.46	.18	.09	.09	.12	.00	5.08
8-12	13	0	4	1	0	1	0	7	1	1	5	3	1	1	1	1	0	40
(1)	4.45	.00	1.37	.34	.00	.34	.00	2.40	.34	.34	1.71	1.03	.34	.34	.34	.34	.00	13.70
(2)	.30	.00	.09	.02	.00	.02	.00	.16	.02	.02	.12	.07	.02	.02	.02	.02	.00	.92
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	39	39	24	18	21	11	15	20	7	11	31	26	10	6	5	9	0	292
(1)	13.36	13.36	8.22	6.16	7.19	3.77	5.14	6.85	2.40	3.77	10.62	8.90	3.42	2.05	1.71	3.08	.00	100.00
(2)	.90	.90	.55	.42	.48	.25	.35	.46	.16	.25	.72	.60	.23	.14	.12	.21	.00	6.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.65

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	14	11	17	11	20	18	7	18	12	21	31	8	15	9	6	6	0	224
(1)	1.06	.83	1.28	.83	1.51	1.36	.53	1.36	.90	1.58	2.34	.60	1.13	.68	.45	.45	.00	16.88
(2)	.32	.25	.39	.25	.46	.42	.16	.42	.28	.48	.72	.18	.35	.21	.14	.14	.00	5.17
4-7	67	71	64	78	74	45	39	59	26	33	71	63	25	13	24	20	0	772
(1)	5.05	5.35	4.82	5.88	5.58	3.39	2.94	4.45	1.96	2.49	5.35	4.75	1.88	.98	1.81	1.51	.00	58.18
(2)	1.55	1.64	1.48	1.80	1.71	1.04	.90	1.36	.60	.76	1.64	1.45	.58	.30	.55	.46	.00	17.83
8-12	21	18	80	79	25	5	1	23	5	1	17	10	2	2	6	5	0	300
(1)	1.58	1.36	6.03	5.95	1.88	.38	.08	1.73	.38	.08	1.28	.75	.15	.15	.45	.38	.00	22.61
(2)	.48	.42	1.85	1.82	.58	.12	.02	.53	.12	.02	.39	.23	.05	.05	.14	.12	.00	6.93
13-18	2	6	14	4	1	0	0	0	0	0	2	0	0	1	1	0	0	31
(1)	.15	.45	1.06	.30	.08	.00	.00	.00	.00	.00	.15	.00	.00	.08	.08	.00	.00	2.34
(2)	.05	.14	.32	.09	.02	.00	.00	.00	.00	.00	.05	.00	.00	.02	.02	.00	.00	.72
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	104	106	175	172	120	68	47	100	43	55	121	81	42	25	37	31	0	1327
(1)	7.84	7.99	13.19	12.96	9.04	5.12	3.54	7.54	3.24	4.14	9.12	6.10	3.17	1.88	2.79	2.34	.00	100.00
(2)	2.40	2.45	4.04	3.97	2.77	1.57	1.09	2.31	.99	1.27	2.79	1.87	.97	.58	.85	.72	.00	30.65

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 23.30

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	1	1	4	2	0	0	0	0	0	9
(1)	.00	.00	.00	.00	.00	.00	.00	.10	.10	.10	.40	.20	.00	.00	.00	.00	.00	.89
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.09	.05	.00	.00	.00	.00	.00	.21
C-3	9	7	1	3	8	7	15	33	59	57	72	44	29	17	20	5	0	386
(1)	.89	.69	.10	.30	.79	.69	1.49	3.27	5.85	5.65	7.14	4.36	2.87	1.68	1.98	.50	.00	38.26
(2)	.21	.16	.02	.07	.18	.16	.35	.76	1.36	1.32	1.66	1.02	.67	.39	.46	.12	.00	8.91
4-7	14	10	4	6	6	9	10	36	71	67	131	77	14	16	22	23	0	516
(1)	1.39	.99	.40	.59	.59	.89	.99	3.57	7.04	6.64	12.98	7.63	1.39	1.59	2.18	2.28	.00	51.14
(2)	.32	.23	.09	.14	.14	.21	.23	.83	1.64	1.55	3.03	1.78	.32	.37	.51	.53	.00	11.92
8-12	2	5	3	3	5	3	4	3	7	9	40	1	1	3	2	5	0	96
(1)	.20	.50	.30	.30	.50	.30	.40	.30	.69	.89	3.96	.10	.10	.30	.20	.50	.00	9.51
(2)	.05	.12	.07	.07	.12	.07	.09	.07	.16	.21	.92	.02	.02	.07	.05	.12	.00	2.22
13-18	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.10	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	26	22	8	13	19	19	29	73	138	134	247	124	44	36	44	33	0	1009
(1)	2.58	2.18	.79	1.29	1.88	1.88	2.87	7.23	13.68	13.28	24.48	12.29	4.36	3.57	4.36	3.27	.00	100.00
(2)	.60	.51	.18	.30	.44	.44	.67	1.69	3.19	3.09	5.70	2.86	1.02	.83	1.02	.76	.00	23.30

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.20

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.21	.21	.00	.00	.00	.00	.00	.00	.00	.00	.41
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.05
C-3	5	4	2	1	0	3	4	8	37	88	79	46	28	16	13	4	0	338
(1)	1.03	.82	.41	.21	.00	.62	.82	1.65	7.63	18.14	16.29	9.48	5.77	3.30	2.68	.82	.00	69.69
(2)	.12	.09	.05	.02	.00	.07	.09	.18	.85	2.03	1.82	1.06	.65	.37	.30	.09	.00	7.81
4-7	0	0	0	0	1	0	1	5	7	11	57	30	9	14	10	0	0	145
(1)	.00	.00	.00	.00	.21	.00	.21	1.03	1.44	2.27	11.75	6.19	1.86	2.89	2.06	.00	.00	29.90
(2)	.00	.00	.00	.00	.02	.00	.02	.12	.16	.25	1.32	.69	.21	.32	.23	.00	.00	3.35
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	4	2	1	1	3	5	14	45	99	136	76	37	30	23	4	0	485
(1)	1.03	.82	.41	.21	.21	.62	1.03	2.89	9.28	20.41	28.04	15.67	7.63	6.19	4.74	.82	.00	100.00
(2)	.12	.09	.05	.02	.02	.07	.12	.32	1.04	2.29	3.14	1.76	.85	.69	.53	.09	.00	11.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.77

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47	.00	.00	.00	.24	.00	.71
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.02	.00	.07
C-3	1	0	0	0	0	1	1	3	10	55	94	80	49	21	5	3	0	323
(1)	.24	.00	.00	.00	.00	.24	.24	.71	2.36	13.00	22.22	18.91	11.58	4.96	1.18	.71	.00	76.36
(2)	.02	.00	.00	.00	.00	.02	.02	.07	.23	1.27	2.17	1.85	1.13	.48	.12	.07	.00	7.46
4-7	0	0	0	0	0	0	0	0	0	24	36	7	11	13	4	2	0	97
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	5.67	8.51	1.65	2.60	3.07	.95	.47	.00	22.93
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.83	.16	.25	.30	.09	.05	.00	2.24
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	0	0	0	0	1	1	3	10	79	130	89	60	34	9	6	0	423
(1)	.24	.00	.00	.00	.00	.24	.24	.71	2.36	18.68	30.73	21.04	14.18	8.04	2.13	1.42	.00	100.00
(2)	.02	.00	.00	.00	.00	.02	.02	.07	.23	1.82	3.00	2.06	1.39	.79	.21	.14	.00	9.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	2	2	1	4	4	0	0	0	1	0	14
(1)	.00	.00	.00	.00	.00	.00	.00	.05	.05	.02	.09	.09	.00	.00	.00	.02	.00	.32
(2)	.00	.00	.00	.00	.00	.00	.00	.05	.05	.02	.09	.09	.00	.00	.00	.02	.00	.32
C-3	31	25	23	19	35	30	30	65	119	229	279	183	122	65	44	21	0	1320
(1)	.72	.58	.53	.44	.81	.69	.69	1.50	2.75	5.29	6.44	4.23	2.82	1.50	1.02	.48	.00	30.48
(2)	.72	.58	.53	.44	.81	.69	.69	1.50	2.75	5.29	6.44	4.23	2.82	1.50	1.02	.48	.00	30.48
4-7	155	177	121	124	116	83	102	139	132	182	391	247	93	62	70	56	0	2250
(1)	3.58	4.09	2.79	2.86	2.68	1.92	2.36	3.21	3.05	4.20	9.03	5.70	2.15	1.43	1.62	1.29	.00	51.96
(2)	3.58	4.09	2.79	2.86	2.68	1.92	2.36	3.21	3.05	4.20	9.03	5.70	2.15	1.43	1.62	1.29	.00	51.96
8-12	82	54	109	86	30	14	28	74	21	25	84	33	14	12	22	17	0	705
(1)	1.89	1.25	2.52	1.99	.69	.32	.65	1.71	.48	.58	1.94	.76	.32	.28	.51	.39	.00	16.28
(2)	1.89	1.25	2.52	1.99	.69	.32	.65	1.71	.48	.58	1.94	.76	.32	.28	.51	.39	.00	16.28
13-18	3	6	16	6	1	0	0	2	1	0	2	0	0	1	3	0	0	41
(1)	.07	.14	.37	.14	.02	.00	.00	.05	.02	.00	.05	.00	.00	.02	.07	.00	.00	.95
(2)	.07	.14	.37	.14	.02	.00	.00	.05	.02	.00	.05	.00	.00	.02	.07	.00	.00	.95
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	271	262	269	235	182	127	160	282	275	437	760	467	229	140	139	95	0	4330
(1)	6.26	6.05	6.21	5.43	4.20	2.93	3.70	6.51	6.35	10.09	17.55	10.79	5.29	3.23	3.21	2.19	.00	100.00
(2)	6.26	6.05	6.21	5.43	4.20	2.93	3.70	6.51	6.35	10.09	17.55	10.79	5.29	3.23	3.21	2.19	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-49—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 11.99

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	0	0	1	0	0	0	1	3	6	3	3	1	0	0	0	0	20
(1)	.38	.00	.00	.19	.00	.00	.00	.19	.57	1.13	.57	.57	.19	.00	.00	.00	.00	3.77
(2)	.05	.00	.00	.02	.00	.00	.00	.02	.07	.14	.07	.07	.02	.00	.00	.00	.00	.45
4-7	27	36	17	14	12	12	15	26	20	40	85	34	11	1	3	5	0	358
(1)	5.09	6.79	3.21	2.64	2.26	2.26	2.83	4.91	3.77	7.55	16.04	6.42	2.08	.19	.57	.94	.00	67.55
(2)	.61	.81	.38	.32	.27	.27	.34	.59	.45	.91	1.92	.77	.25	.02	.07	.11	.00	8.10
8-12	34	25	8	0	1	5	12	15	5	11	19	7	0	3	1	0	0	146
(1)	6.42	4.72	1.51	.00	.19	.94	2.26	2.83	.94	2.08	3.58	1.32	.00	.57	.19	.00	.00	27.55
(2)	.77	.57	.18	.00	.02	.11	.27	.34	.11	.25	.43	.16	.00	.07	.02	.00	.00	3.30
13-18	1	2	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	6
(1)	.19	.38	.00	.00	.00	.00	.19	.38	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.13
(2)	.02	.05	.00	.00	.00	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	64	63	25	15	13	17	28	44	28	57	107	44	12	4	4	5	0	530
(1)	12.08	11.89	4.72	2.83	2.45	3.21	5.28	8.30	5.28	10.75	20.19	8.30	2.26	.75	.75	.94	.00	100.00
(2)	1.45	1.43	.57	.34	.29	.38	.63	1.00	.63	1.29	2.42	1.00	.27	.09	.09	.11	.00	11.99

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.84

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	3	0	3	0	1	0	1	1	6	0	2	0	0	0	0	18
(1)	.00	.39	1.16	.00	1.16	.00	.39	.00	.39	.39	2.33	.00	.78	.00	.00	.00	.00	6.98
(2)	.00	.02	.07	.00	.07	.00	.02	.00	.02	.02	.14	.00	.05	.00	.00	.00	.00	.41
4-7	22	28	17	9	7	9	12	15	11	10	22	12	4	4	1	1	0	184
(1)	8.53	10.85	6.59	3.49	2.71	3.49	4.65	5.81	4.26	3.88	8.53	4.65	1.55	1.55	.39	.39	.00	71.32
(2)	.50	.63	.38	.20	.16	.20	.27	.34	.25	.23	.50	.27	.09	.09	.02	.02	.00	4.16
8-12	13	3	8	1	0	2	4	5	2	3	2	3	3	0	1	0	0	50
(1)	5.04	1.16	3.10	.39	.00	.78	1.55	1.94	.78	1.16	.78	1.16	1.16	.00	.39	.00	.00	19.38
(2)	.29	.07	.18	.02	.00	.05	.09	.11	.05	.07	.05	.07	.07	.00	.02	.00	.00	1.13
13-18	2	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	6
(1)	.78	.00	.00	.39	.00	.00	.00	.39	.00	.00	.00	.00	.00	.00	.39	.39	.00	2.33
(2)	.05	.00	.00	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.02	.00	.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	37	32	28	11	10	11	17	21	14	14	30	15	9	4	3	2	0	258
(1)	14.34	12.40	10.85	4.26	3.88	4.26	6.59	8.14	5.43	5.43	11.63	5.81	3.49	1.55	1.16	.78	.00	100.00
(2)	.84	.72	.63	.25	.23	.25	.38	.48	.32	.32	.68	.34	.20	.09	.07	.05	.00	5.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.13

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	4	1	3	2	1	2	0	1	3	6	3	5	0	0	0	0	34
(1)	1.11	1.48	.37	1.11	.74	.37	.74	.00	.37	1.11	2.21	1.11	1.85	.00	.00	.00	.00	12.55
(2)	.07	.09	.02	.07	.05	.02	.05	.00	.02	.07	.14	.07	.11	.00	.00	.00	.00	.77
4-7	22	25	22	11	11	6	11	22	7	9	22	13	6	5	3	2	0	197
(1)	8.12	9.23	8.12	4.06	4.06	2.21	4.06	8.12	2.58	3.32	8.12	4.80	2.21	1.85	1.11	.74	.00	72.69
(2)	.50	.57	.50	.25	.25	.14	.25	.50	.16	.20	.50	.29	.14	.11	.07	.05	.00	4.46
8-12	6	4	5	1	1	1	0	8	1	0	4	4	1	1	1	1	0	39
(1)	2.21	1.48	1.85	.37	.37	.37	.00	2.95	.37	.00	1.48	1.48	.37	.37	.37	.37	.00	14.39
(2)	.14	.09	.11	.02	.02	.02	.00	.18	.02	.00	.09	.09	.02	.02	.02	.02	.00	.88
13-18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	32	33	28	15	14	8	13	30	9	12	32	20	12	6	4	3	0	271
(1)	11.81	12.18	10.33	5.54	5.17	2.95	4.80	11.07	3.32	4.43	11.81	7.38	4.43	2.21	1.48	1.11	.00	100.00
(2)	.72	.75	.63	.34	.32	.18	.29	.68	.20	.27	.72	.45	.27	.14	.09	.07	.00	6.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50— CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 28.67

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
C-3	13	9	10	5	41	17	13	19	12	19	30	21	13	7	6	13	0	248
(1)	1.03	.71	.79	.39	3.24	1.34	1.03	1.50	.95	1.50	2.37	1.66	1.03	.55	.47	1.03	.00	19.57
(2)	.29	.20	.23	.11	.93	.38	.29	.43	.27	.43	.68	.48	.29	.16	.14	.29	.00	5.61
4-7	57	67	45	71	45	39	38	79	36	38	84	30	13	14	16	29	0	701
(1)	4.50	5.29	3.55	5.60	3.55	3.08	3.00	6.24	2.84	3.00	6.63	2.37	1.03	1.10	1.26	2.29	.00	55.33
(2)	1.29	1.52	1.02	1.61	1.02	.88	.86	1.79	.81	.86	1.90	.68	.29	.32	.36	.66	.00	15.86
8-12	44	47	46	29	11	6	7	31	3	5	29	6	2	2	6	16	0	290
(1)	3.47	3.71	3.63	2.29	.87	.47	.55	2.45	.24	.39	2.29	.47	.16	.16	.47	1.26	.00	22.89
(2)	1.00	1.06	1.04	.66	.25	.14	.16	.70	.07	.11	.66	.14	.05	.05	.14	.36	.00	6.56
13-18	3	2	14	5	2	0	0	0	0	0	0	0	0	0	0	0	0	26
(1)	.24	.16	1.10	.39	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.05
(2)	.07	.05	.32	.11	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.59
19-24	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	117	125	115	111	99	62	58	129	51	62	143	57	28	23	29	58	0	1267
(1)	9.23	9.87	9.08	8.76	7.81	4.89	4.58	10.18	4.03	4.89	11.29	4.50	2.21	1.82	2.29	4.58	.00	100.00
(2)	2.65	2.83	2.60	2.51	2.24	1.40	1.31	2.92	1.15	1.40	3.24	1.29	.63	.52	.66	1.31	.00	28.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 27.43

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.08	.08	.08	.08	.00	.00	.00	.08	.00	.00	.41
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.02	.00	.00	.00	.02	.00	.00	.11
C-3	7	4	6	1	8	14	13	26	65	95	78	30	21	12	19	15	0	414
(1)	.58	.33	.50	.08	.66	1.16	1.07	2.15	5.36	7.84	6.44	2.48	1.73	.99	1.57	1.24	.00	34.16
(2)	.16	.09	.14	.02	.18	.32	.29	.59	1.47	2.15	1.77	.68	.48	.27	.43	.34	.00	9.37
4-7	16	18	12	7	9	8	17	46	83	103	215	54	18	13	39	29	0	687
(1)	1.32	1.49	.99	.58	.74	.66	1.40	3.80	6.85	8.50	17.74	4.46	1.49	1.07	3.22	2.39	.00	56.68
(2)	.36	.41	.27	.16	.20	.18	.38	1.04	1.88	2.33	4.87	1.22	.41	.29	.88	.66	.00	15.55
8-12	6	13	8	0	1	0	1	3	9	8	40	9	1	2	1	3	0	105
(1)	.50	1.07	.66	.00	.08	.00	.08	.25	.74	.66	3.30	.74	.08	.17	.08	.25	.00	8.66
(2)	.14	.29	.18	.00	.02	.00	.02	.07	.20	.18	.91	.20	.02	.05	.02	.07	.00	2.38
13-18	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	29	35	27	8	18	22	31	76	158	207	334	93	40	27	60	47	0	1212
(1)	2.39	2.89	2.23	.66	1.49	1.82	2.56	6.27	13.04	17.08	27.56	7.67	3.30	2.23	4.95	3.88	.00	100.00
(2)	.66	.79	.61	.18	.41	.50	.70	1.72	3.58	4.68	7.56	2.10	.91	.61	1.36	1.06	.00	27.43

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.97

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	2	0	0	1	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.38	.00	.00	.19	.00	.00	.76
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.00	.00	.02	.00	.00	.09
C-3	1	0	4	0	2	4	5	21	34	89	95	52	22	19	6	8	0	362
(1)	.19	.00	.76	.00	.38	.76	.95	3.97	6.43	16.82	17.96	9.83	4.16	3.59	1.13	1.51	.00	68.43
(2)	.02	.00	.09	.00	.05	.09	.11	.48	.77	2.01	2.15	1.18	.50	.43	.14	.18	.00	8.19
4-7	0	0	0	0	0	0	1	3	8	27	59	24	14	14	11	2	0	163
(1)	.00	.00	.00	.00	.00	.00	.19	.57	1.51	5.10	11.15	4.54	2.65	2.65	2.08	.38	.00	30.81
(2)	.00	.00	.00	.00	.00	.00	.02	.07	.18	.61	1.34	.54	.32	.32	.25	.05	.00	3.69
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	0	4	0	2	4	6	24	42	117	154	78	36	33	18	10	0	529
(1)	.19	.00	.76	.00	.38	.76	1.13	4.54	7.94	22.12	29.11	14.74	6.81	6.24	3.40	1.89	.00	100.00
(2)	.02	.00	.09	.00	.05	.09	.14	.54	.95	2.65	3.48	1.77	.81	.75	.41	.23	.00	11.97

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.97

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.28	.00	.00	.00	.00	.28	.00	.57	.00	.00	.00	.00	.00	1.14
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.05	.00	.00	.00	.00	.00	.09
C-3	0	0	1	0	0	2	0	7	9	60	94	54	33	23	2	2	0	287
(1)	.00	.00	.28	.00	.00	.57	.00	1.99	2.56	17.05	26.70	15.34	9.38	6.53	.57	.57	.00	81.53
(2)	.00	.00	.02	.00	.00	.05	.00	.16	.20	1.36	2.13	1.22	.75	.52	.05	.05	.00	6.49
4-7	0	0	0	0	0	0	0	0	0	12	17	9	3	14	6	0	0	61
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	3.41	4.83	2.56	.85	3.98	1.70	.00	.00	17.33
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.27	.38	.20	.07	.32	.14	.00	.00	1.38
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	0	0	1	0	1	2	0	7	9	73	111	65	36	37	8	2	0	352
(1)	.00	.00	.28	.00	.28	.57	.00	1.99	2.56	20.74	31.53	18.47	10.23	10.51	2.27	.57	.00	100.00
(2)	.00	.00	.02	.00	.02	.05	.00	.16	.20	1.65	2.51	1.47	.81	.84	.18	.05	.00	7.97

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-50—CCNPP 33 Feet August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	1	1	3	1	4	0	0	3	0	0	14
(1)	.00	.00	.00	.00	.02	.00	.00	.02	.02	.07	.02	.09	.00	.00	.07	.00	.00	.32
(2)	.00	.00	.00	.00	.02	.00	.00	.02	.02	.07	.02	.09	.00	.00	.07	.00	.00	.32
C-3	26	18	25	10	56	38	34	74	125	273	312	163	97	61	33	38	0	1383
(1)	.59	.41	.57	.23	1.27	.86	.77	1.67	2.83	6.18	7.06	3.69	2.20	1.38	.75	.86	.00	31.30
(2)	.59	.41	.57	.23	1.27	.86	.77	1.67	2.83	6.18	7.06	3.69	2.20	1.38	.75	.86	.00	31.30
4-7	144	174	113	112	84	74	94	191	165	239	504	176	69	65	79	68	0	2351
(1)	3.26	3.94	2.56	2.53	1.90	1.67	2.13	4.32	3.73	5.41	11.41	3.98	1.56	1.47	1.79	1.54	.00	53.20
(2)	3.26	3.94	2.56	2.53	1.90	1.67	2.13	4.32	3.73	5.41	11.41	3.98	1.56	1.47	1.79	1.54	.00	53.20
8-12	103	92	75	31	14	14	24	62	20	27	94	29	7	8	10	20	0	630
(1)	2.33	2.08	1.70	.70	.32	.32	.54	1.40	.45	.61	2.13	.66	.16	.18	.23	.45	.00	14.26
(2)	2.33	2.08	1.70	.70	.32	.32	.54	1.40	.45	.61	2.13	.66	.16	.18	.23	.45	.00	14.26
13-18	7	4	15	6	2	0	1	3	0	0	0	0	0	0	1	1	0	40
(1)	.16	.09	.34	.14	.05	.00	.02	.07	.00	.00	.00	.00	.00	.00	.02	.02	.00	.91
(2)	.16	.09	.34	.14	.05	.00	.02	.07	.00	.00	.00	.00	.00	.00	.02	.02	.00	.91
19-24	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	280	288	228	160	157	126	153	331	311	542	911	372	173	134	126	127	0	4419
(1)	6.34	6.52	5.16	3.62	3.55	2.85	3.46	7.49	7.04	12.27	20.62	8.42	3.91	3.03	2.85	2.87	.00	100.00
(2)	6.34	6.52	5.16	3.62	3.55	2.85	3.46	7.49	7.04	12.27	20.62	8.42	3.91	3.03	2.85	2.87	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 11.82

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	2	1	3	1	2	0	0	0	3	0	0	0	0	1	0	14
(1)	.00	.20	.40	.20	.60	.20	.40	.00	.00	.00	.60	.00	.00	.00	.00	.20	.00	2.81
(2)	.00	.02	.05	.02	.07	.02	.05	.00	.00	.00	.07	.00	.00	.00	.00	.02	.00	.33
4-7	48	48	29	5	7	12	15	13	8	26	38	19	5	6	3	3	0	285
(1)	9.62	9.62	5.81	1.00	1.40	2.40	3.01	2.61	1.60	5.21	7.62	3.81	1.00	1.20	.60	.60	.00	57.11
(2)	1.14	1.14	.69	.12	.17	.28	.36	.31	.19	.62	.90	.45	.12	.14	.07	.07	.00	6.75
8-12	42	35	23	1	0	1	21	23	6	11	9	7	0	3	0	2	0	184
(1)	8.42	7.01	4.61	.20	.00	.20	4.21	4.61	1.20	2.20	1.80	1.40	.00	.60	.00	.40	.00	36.87
(2)	.99	.83	.54	.02	.00	.02	.50	.54	.14	.26	.21	.17	.00	.07	.00	.05	.00	4.36
13-18	3	3	5	0	0	0	0	1	0	1	0	0	0	0	2	1	0	16
(1)	.60	.60	1.00	.00	.00	.00	.00	.20	.00	.20	.00	.00	.00	.00	.40	.20	.00	3.21
(2)	.07	.07	.12	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.05	.02	.00	.38
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	93	87	59	7	10	14	38	37	14	38	50	26	5	9	5	7	0	499
(1)	18.64	17.43	11.82	1.40	2.00	2.81	7.62	7.41	2.81	7.62	10.02	5.21	1.00	1.80	1.00	1.40	.00	100.00
(2)	2.20	2.06	1.40	.17	.24	.33	.90	.88	.33	.90	1.18	.62	.12	.21	.12	.17	.00	11.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.49

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.43	.43	.00	.43	.43	.00	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.16
(2)	.02	.02	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
4-7	17	24	11	10	5	7	6	11	5	5	8	5	2	4	1	2	0	123
(1)	7.33	10.34	4.74	4.31	2.16	3.02	2.59	4.74	2.16	2.16	3.45	2.16	.86	1.72	.43	.86	.00	53.02
(2)	.40	.57	.26	.24	.12	.17	.14	.26	.12	.12	.19	.12	.05	.09	.02	.05	.00	2.91
8-12	21	8	23	2	0	0	8	11	3	1	3	1	0	4	6	0	0	91
(1)	9.05	3.45	9.91	.86	.00	.00	3.45	4.74	1.29	.43	1.29	.43	.00	1.72	2.59	.00	.00	39.22
(2)	.50	.19	.54	.05	.00	.00	.19	.26	.07	.02	.07	.02	.00	.09	.14	.00	.00	2.15
13-18	3	3	2	1	0	0	0	0	0	0	0	0	0	1	3	0	0	13
(1)	1.29	1.29	.86	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43	1.29	.00	.00	5.60
(2)	.07	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.31
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	42	36	36	14	6	7	15	22	8	6	11	6	2	9	10	2	0	232
(1)	18.10	15.52	15.52	6.03	2.59	3.02	6.47	9.48	3.45	2.59	4.74	2.59	.86	3.88	4.31	.86	.00	100.00
(2)	.99	.85	.85	.33	.14	.17	.36	.52	.19	.14	.26	.14	.05	.21	.24	.05	.00	5.49

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.78

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	3	2	1	5	0	1	3	0	0	2	2	3	0	0	1	0	23
(1)	.00	1.23	.82	.41	2.05	.00	.41	1.23	.00	.00	.82	.82	1.23	.00	.00	.41	.00	9.43
(2)	.00	.07	.05	.02	.12	.00	.02	.07	.00	.00	.05	.05	.07	.00	.00	.02	.00	.54
4-7	18	35	15	11	8	9	13	12	7	2	5	3	2	7	6	3	0	156
(1)	7.38	14.34	6.15	4.51	3.28	3.69	5.33	4.92	2.87	.82	2.05	1.23	.82	2.87	2.46	1.23	.00	63.93
(2)	.43	.83	.36	.26	.19	.21	.31	.28	.17	.05	.12	.07	.05	.17	.14	.07	.00	3.69
8-12	14	2	14	3	1	0	1	12	1	1	2	0	1	2	3	2	0	59
(1)	5.74	.82	5.74	1.23	.41	.00	.41	4.92	.41	.41	.82	.00	.41	.82	1.23	.82	.00	24.18
(2)	.33	.05	.33	.07	.02	.00	.02	.28	.02	.02	.05	.00	.02	.05	.07	.05	.00	1.40
13-18	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.82	.00	.82	.82	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.46
(2)	.05	.00	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	34	40	33	17	14	9	15	27	8	3	9	5	6	9	9	6	0	244
(1)	13.93	16.39	13.52	6.97	5.74	3.69	6.15	11.07	3.28	1.23	3.69	2.05	2.46	3.69	3.69	2.46	.00	100.00
(2)	.81	.95	.78	.40	.33	.21	.36	.64	.19	.07	.21	.12	.14	.21	.21	.14	.00	5.78

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.31

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	16	21	16	16	22	12	9	8	10	11	15	8	5	10	4	10	0	193
(1)	1.10	1.45	1.10	1.10	1.52	.83	.62	.55	.69	.76	1.04	.55	.35	.69	.28	.69	.00	13.32
(2)	.38	.50	.38	.38	.52	.28	.21	.19	.24	.26	.36	.19	.12	.24	.09	.24	.00	4.57
4-7	58	68	48	75	94	51	38	47	22	14	33	12	13	19	24	29	0	645
(1)	4.00	4.69	3.31	5.18	6.49	3.52	2.62	3.24	1.52	.97	2.28	.83	.90	1.31	1.66	2.00	.00	44.51
(2)	1.37	1.61	1.14	1.78	2.23	1.21	.90	1.11	.52	.33	.78	.28	.31	.45	.57	.69	.00	15.27
8-12	50	42	106	92	13	8	11	34	15	3	14	5	6	2	14	23	0	438
(1)	3.45	2.90	7.32	6.35	.90	.55	.76	2.35	1.04	.21	.97	.35	.41	.14	.97	1.59	.00	30.23
(2)	1.18	.99	2.51	2.18	.31	.19	.26	.81	.36	.07	.33	.12	.14	.05	.33	.54	.00	10.37
13-18	31	24	73	13	0	0	3	7	4	0	0	0	0	0	1	3	0	159
(1)	2.14	1.66	5.04	.90	.00	.00	.21	.48	.28	.00	.00	.00	.00	.00	.07	.21	.00	10.97
(2)	.73	.57	1.73	.31	.00	.00	.07	.17	.09	.00	.00	.00	.00	.00	.02	.07	.00	3.77
19-24	1	2	7	0	2	0	1	1	0	0	0	0	0	0	0	0	0	14
(1)	.07	.14	.48	.00	.14	.00	.07	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.97
(2)	.02	.05	.17	.00	.05	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.33
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	156	157	250	196	131	71	62	97	51	28	62	25	24	31	43	65	0	1449
(1)	10.77	10.84	17.25	13.53	9.04	4.90	4.28	6.69	3.52	1.93	4.28	1.73	1.66	2.14	2.97	4.49	.00	100.00
(2)	3.69	3.72	5.92	4.64	3.10	1.68	1.47	2.30	1.21	.66	1.47	.59	.57	.73	1.02	1.54	.00	34.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 22.42

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	1	1	2	0	1	1	1	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.11	.11	.21	.00	.11	.11	.11	.00	.00	.00	.00	.74
(2)	.00	.00	.00	.00	.00	.00	.02	.02	.05	.00	.02	.02	.02	.00	.00	.00	.00	.17
C-3	22	8	6	4	16	20	25	26	37	33	32	18	13	13	16	12	0	301
(1)	2.32	.84	.63	.42	1.69	2.11	2.64	2.75	3.91	3.48	3.38	1.90	1.37	1.37	1.69	1.27	.00	31.78
(2)	.52	.19	.14	.09	.38	.47	.59	.62	.88	.78	.76	.43	.31	.31	.38	.28	.00	7.13
4-7	18	31	19	18	15	16	20	37	72	44	63	22	15	28	60	33	0	511
(1)	1.90	3.27	2.01	1.90	1.58	1.69	2.11	3.91	7.60	4.65	6.65	2.32	1.58	2.96	6.34	3.48	.00	53.96
(2)	.43	.73	.45	.43	.36	.38	.47	.88	1.70	1.04	1.49	.52	.36	.66	1.42	.78	.00	12.10
8-12	6	5	24	3	0	0	1	6	12	5	25	3	1	4	10	9	0	114
(1)	.63	.53	2.53	.32	.00	.00	.11	.63	1.27	.53	2.64	.32	.11	.42	1.06	.95	.00	12.04
(2)	.14	.12	.57	.07	.00	.00	.02	.14	.28	.12	.59	.07	.02	.09	.24	.21	.00	2.70
13-18	0	1	0	1	0	0	0	2	0	0	1	0	1	0	0	0	0	6
(1)	.00	.11	.00	.11	.00	.00	.00	.21	.00	.00	.11	.00	.11	.00	.00	.00	.00	.63
(2)	.00	.02	.00	.02	.00	.00	.00	.05	.00	.00	.02	.00	.02	.00	.00	.00	.00	.14
19-24	1	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	0	5
(1)	.11	.00	.00	.11	.00	.11	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53
(2)	.02	.00	.00	.02	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12
GT 24	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.11	.11	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
ALL SPEEDS	47	45	50	28	31	38	49	72	123	82	122	44	31	45	86	54	0	947
(1)	4.96	4.75	5.28	2.96	3.27	4.01	5.17	7.60	12.99	8.66	12.88	4.65	3.27	4.75	9.08	5.70	.00	100.00
(2)	1.11	1.07	1.18	.66	.73	.90	1.16	1.70	2.91	1.94	2.89	1.04	.73	1.07	2.04	1.28	.00	22.42

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.02

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	1	2	0	2	1	1	0	0	8
(1)	.00	.24	.00	.00	.00	.00	.00	.00	.00	.24	.47	.00	.47	.24	.24	.00	.00	1.89
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.05	.02	.02	.00	.00	.19
C-3	3	1	3	3	3	7	10	20	44	48	44	19	19	18	15	13	0	270
(1)	.71	.24	.71	.71	.71	1.65	2.36	4.73	10.40	11.35	10.40	4.49	4.49	4.26	3.55	3.07	.00	63.83
(2)	.07	.02	.07	.07	.07	.17	.24	.47	1.04	1.14	1.04	.45	.45	.43	.36	.31	.00	6.39
4-7	1	0	0	0	0	1	0	10	13	8	28	6	11	26	36	5	0	145
(1)	.24	.00	.00	.00	.00	.24	.00	2.36	3.07	1.89	6.62	1.42	2.60	6.15	8.51	1.18	.00	34.28
(2)	.02	.00	.00	.00	.00	.02	.00	.24	.31	.19	.66	.14	.26	.62	.85	.12	.00	3.43
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	2	3	3	3	8	10	30	57	57	74	25	32	45	52	18	0	423
(1)	.95	.47	.71	.71	.71	1.89	2.36	7.09	13.48	13.48	17.49	5.91	7.57	10.64	12.29	4.26	.00	100.00
(2)	.09	.05	.07	.07	.07	.19	.24	.71	1.35	1.35	1.75	.59	.76	1.07	1.23	.43	.00	10.02

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 10.16

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	1	0	2	1	1	2	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.23	.00	.47	.23	.23	.47	.00	.00	.00	.00	.00	1.63
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.05	.02	.02	.05	.00	.00	.00	.00	.00	.17
C-3	2	2	0	0	0	1	1	9	22	52	75	52	69	55	9	4	0	353
(1)	.47	.47	.00	.00	.00	.23	.23	2.10	5.13	12.12	17.48	12.12	16.08	12.82	2.10	.93	.00	82.28
(2)	.05	.05	.00	.00	.00	.02	.02	.21	.52	1.23	1.78	1.23	1.63	1.30	.21	.09	.00	8.36
4-7	0	0	0	0	0	0	0	0	2	8	27	7	9	13	3	0	0	69
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.47	1.86	6.29	1.63	2.10	3.03	.70	.00	.00	16.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.05	.19	.64	.17	.21	.31	.07	.00	.00	1.63
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	2	0	0	0	1	2	9	26	61	103	61	78	68	12	4	0	429
(1)	.47	.47	.00	.00	.00	.23	.47	2.10	6.06	14.22	24.01	14.22	18.18	15.85	2.80	.93	.00	100.00
(2)	.05	.05	.00	.00	.00	.02	.05	.21	.62	1.44	2.44	1.44	1.85	1.61	.28	.09	.00	10.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-51—CCNPP 33 Feet September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	2	1	4	2	4	3	3	1	1	0	0	22
(1)	.00	.02	.00	.00	.00	.00	.05	.02	.09	.05	.09	.07	.07	.02	.02	.00	.00	.52
(2)	.00	.02	.00	.00	.00	.00	.05	.02	.09	.05	.09	.07	.07	.02	.02	.00	.00	.52
C-3	44	37	29	26	50	41	49	66	113	144	171	99	109	96	44	41	0	1159
(1)	1.04	.88	.69	.62	1.18	.97	1.16	1.56	2.68	3.41	4.05	2.34	2.58	2.27	1.04	.97	.00	27.44
(2)	1.04	.88	.69	.62	1.18	.97	1.16	1.56	2.68	3.41	4.05	2.34	2.58	2.27	1.04	.97	.00	27.44
4-7	160	206	122	119	129	96	92	130	129	107	202	74	57	103	133	75	0	1934
(1)	3.79	4.88	2.89	2.82	3.05	2.27	2.18	3.08	3.05	2.53	4.78	1.75	1.35	2.44	3.15	1.78	.00	45.80
(2)	3.79	4.88	2.89	2.82	3.05	2.27	2.18	3.08	3.05	2.53	4.78	1.75	1.35	2.44	3.15	1.78	.00	45.80
8-12	133	92	190	101	14	9	42	86	37	21	53	16	8	15	33	36	0	886
(1)	3.15	2.18	4.50	2.39	.33	.21	.99	2.04	.88	.50	1.26	.38	.19	.36	.78	.85	.00	20.98
(2)	3.15	2.18	4.50	2.39	.33	.21	.99	2.04	.88	.50	1.26	.38	.19	.36	.78	.85	.00	20.98
13-18	39	31	82	17	0	0	3	10	4	1	1	0	1	1	6	4	0	200
(1)	.92	.73	1.94	.40	.00	.00	.07	.24	.09	.02	.02	.00	.02	.02	.14	.09	.00	4.74
(2)	.92	.73	1.94	.40	.00	.00	.07	.24	.09	.02	.02	.00	.02	.02	.14	.09	.00	4.74
19-24	2	2	7	1	2	1	3	1	0	0	0	0	0	0	0	0	0	19
(1)	.05	.05	.17	.02	.05	.02	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
(2)	.05	.05	.17	.02	.05	.02	.07	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.45
GT 24	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
ALL SPEEDS	378	369	431	265	195	148	191	294	287	275	431	192	178	216	217	156	0	4223
(1)	8.95	8.74	10.21	6.28	4.62	3.50	4.52	6.96	6.80	6.51	10.21	4.55	4.22	5.11	5.14	3.69	.00	100.00
(2)	8.95	8.74	10.21	6.28	4.62	3.50	4.52	6.96	6.80	6.51	10.21	4.55	4.22	5.11	5.14	3.69	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.81

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	3	3	3	0	1	1	0	0	2	3	1	1	0	0	0	20
(1)	.18	.18	.53	.53	.53	.00	.18	.18	.00	.00	.35	.53	.18	.18	.00	.00	.00	3.53
(2)	.02	.02	.07	.07	.07	.00	.02	.02	.00	.00	.05	.07	.02	.02	.00	.00	.00	.45
4-7	22	34	6	7	10	8	9	16	10	17	33	13	15	13	11	8	0	232
(1)	3.88	6.00	1.06	1.23	1.76	1.41	1.59	2.82	1.76	3.00	5.82	2.29	2.65	2.29	1.94	1.41	.00	40.92
(2)	.50	.77	.14	.16	.23	.18	.20	.36	.23	.38	.75	.29	.34	.29	.25	.18	.00	5.24
8-12	63	32	10	2	2	0	1	19	4	5	23	23	12	35	38	9	0	278
(1)	11.11	5.64	1.76	.35	.35	.00	.18	3.35	.71	.88	4.06	4.06	2.12	6.17	6.70	1.59	.00	49.03
(2)	1.42	.72	.23	.05	.05	.00	.02	.43	.09	.11	.52	.52	.27	.79	.86	.20	.00	6.28
13-18	4	0	4	2	0	0	0	4	0	0	1	4	4	4	10	0	0	37
(1)	.71	.00	.71	.35	.00	.00	.00	.71	.00	.00	.18	.71	.71	.71	1.76	.00	.00	6.53
(2)	.09	.00	.09	.05	.00	.00	.00	.09	.00	.00	.02	.09	.09	.09	.23	.00	.00	.84
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	90	67	23	14	15	8	11	40	14	22	59	43	32	53	59	17	0	567
(1)	15.87	11.82	4.06	2.47	2.65	1.41	1.94	7.05	2.47	3.88	10.41	7.58	5.64	9.35	10.41	3.00	.00	100.00
(2)	2.03	1.51	.52	.32	.34	.18	.25	.90	.32	.50	1.33	.97	.72	1.20	1.33	.38	.00	12.81

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.98

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	2	0	0	1	0	0	0	0	0	0	0	0	3	0	0	0	6
(1)	.00	1.14	.00	.00	.57	.00	.00	.00	.00	.00	.00	.00	.00	1.70	.00	.00	.00	3.41
(2)	.00	.05	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.14
4-7	11	13	5	7	1	5	7	3	2	5	10	7	2	5	9	7	0	99
(1)	6.25	7.39	2.84	3.98	.57	2.84	3.98	1.70	1.14	2.84	5.68	3.98	1.14	2.84	5.11	3.98	.00	56.25
(2)	.25	.29	.11	.16	.02	.11	.16	.07	.05	.11	.23	.16	.05	.11	.20	.16	.00	2.24
8-12	9	5	3	0	0	0	2	12	1	1	3	1	1	4	13	7	0	62
(1)	5.11	2.84	1.70	.00	.00	.00	1.14	6.82	.57	.57	1.70	.57	.57	2.27	7.39	3.98	.00	35.23
(2)	.20	.11	.07	.00	.00	.00	.05	.27	.02	.02	.07	.02	.02	.09	.29	.16	.00	1.40
13-18	1	0	1	0	0	0	0	2	0	0	0	0	3	1	1	0	0	9
(1)	.57	.00	.57	.00	.00	.00	.00	1.14	.00	.00	.00	.00	1.70	.57	.57	.00	.00	5.11
(2)	.02	.00	.02	.00	.00	.00	.00	.05	.00	.00	.00	.00	.07	.02	.02	.00	.00	.20
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	21	20	9	7	2	5	9	17	3	6	13	8	6	13	23	14	0	176
(1)	11.93	11.36	5.11	3.98	1.14	2.84	5.11	9.66	1.70	3.41	7.39	4.55	3.41	7.39	13.07	7.95	.00	100.00
(2)	.47	.45	.20	.16	.05	.11	.20	.38	.07	.14	.29	.18	.14	.29	.52	.32	.00	3.98

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	2	2	1	3	0	1	1	1	1	1	2	0	4	0	0	0	21
(1)	1.04	1.04	1.04	.52	1.55	.00	.52	.52	.52	.52	.52	1.04	.00	2.07	.00	.00	.00	10.88
(2)	.05	.05	.05	.02	.07	.00	.02	.02	.02	.02	.02	.05	.00	.09	.00	.00	.00	.47
4-7	18	18	7	6	4	1	7	6	2	4	7	6	4	2	7	4	0	103
(1)	9.33	9.33	3.63	3.11	2.07	.52	3.63	3.11	1.04	2.07	3.63	3.11	2.07	1.04	3.63	2.07	.00	53.37
(2)	.41	.41	.16	.14	.09	.02	.16	.14	.05	.09	.16	.14	.09	.05	.16	.09	.00	2.33
8-12	12	2	12	0	0	0	0	6	1	1	4	3	4	5	8	5	0	63
(1)	6.22	1.04	6.22	.00	.00	.00	.00	3.11	.52	.52	2.07	1.55	2.07	2.59	4.15	2.59	.00	32.64
(2)	.27	.05	.27	.00	.00	.00	.00	.14	.02	.02	.09	.07	.09	.11	.18	.11	.00	1.42
13-18	1	0	0	0	0	0	0	3	0	0	0	0	0	1	1	0	0	6
(1)	.52	.00	.00	.00	.00	.00	.00	1.55	.00	.00	.00	.00	.00	.52	.52	.00	.00	3.11
(2)	.02	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.02	.02	.00	.00	.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	33	22	21	7	7	1	8	16	4	6	12	11	8	12	16	9	0	193
(1)	17.10	11.40	10.88	3.63	3.63	.52	4.15	8.29	2.07	3.11	6.22	5.70	4.15	6.22	8.29	4.66	.00	100.00
(2)	.75	.50	.47	.16	.16	.02	.18	.36	.09	.14	.27	.25	.18	.27	.36	.20	.00	4.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	10	13	11	12	16	16	7	7	8	13	10	4	7	10	7	12	0	163
(1)	.66	.86	.73	.80	1.06	1.06	.47	.47	.53	.86	.66	.27	.47	.66	.47	.80	.00	10.83
(2)	.23	.29	.25	.27	.36	.36	.16	.16	.18	.29	.23	.09	.16	.23	.16	.27	.00	3.68
4-7	64	83	76	83	42	33	37	22	31	23	24	18	11	11	45	45	0	648
(1)	4.25	5.51	5.05	5.51	2.79	2.19	2.46	1.46	2.06	1.53	1.59	1.20	.73	.73	2.99	2.99	.00	43.06
(2)	1.45	1.88	1.72	1.88	.95	.75	.84	.50	.70	.52	.54	.41	.25	.25	1.02	1.02	.00	14.64
8-12	74	69	176	55	3	6	7	23	16	13	18	10	12	18	34	63	0	597
(1)	4.92	4.58	11.69	3.65	.20	.40	.47	1.53	1.06	.86	1.20	.66	.80	1.20	2.26	4.19	.00	39.67
(2)	1.67	1.56	3.98	1.24	.07	.14	.16	.52	.36	.29	.41	.23	.27	.41	.77	1.42	.00	13.49
13-18	38	6	31	2	0	0	0	8	1	0	1	0	0	1	1	2	0	91
(1)	2.52	.40	2.06	.13	.00	.00	.00	.53	.07	.00	.07	.00	.00	.07	.07	.13	.00	6.05
(2)	.86	.14	.70	.05	.00	.00	.00	.18	.02	.00	.02	.00	.00	.02	.02	.05	.00	2.06
19-24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.40	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.40
(2)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	192	171	294	152	61	55	51	60	56	49	53	32	30	40	87	122	0	1505
(1)	12.76	11.36	19.53	10.10	4.05	3.65	3.39	3.99	3.72	3.26	3.52	2.13	1.99	2.66	5.78	8.11	.00	100.00
(2)	4.34	3.86	6.64	3.43	1.38	1.24	1.15	1.36	1.27	1.11	1.20	.72	.68	.90	1.97	2.76	.00	34.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 20.20

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	5
(1)	.11	.11	.00	.00	.11	.00	.00	.00	.11	.00	.11	.00	.00	.00	.00	.00	.00	.56
(2)	.02	.02	.00	.00	.02	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.11
C-3	12	5	12	7	12	12	6	7	16	17	15	10	10	14	21	5	0	181
(1)	1.34	.56	1.34	.78	1.34	1.34	.67	.78	1.79	1.90	1.68	1.12	1.12	1.57	2.35	.56	.00	20.25
(2)	.27	.11	.27	.16	.27	.27	.14	.16	.36	.38	.34	.23	.23	.32	.47	.11	.00	4.09
4-7	18	20	13	21	31	19	11	31	50	45	76	27	37	48	67	31	0	545
(1)	2.01	2.24	1.45	2.35	3.47	2.13	1.23	3.47	5.59	5.03	8.50	3.02	4.14	5.37	7.49	3.47	.00	60.96
(2)	.41	.45	.29	.47	.70	.43	.25	.70	1.13	1.02	1.72	.61	.84	1.08	1.51	.70	.00	12.31
8-12	12	9	5	1	0	0	0	6	12	20	25	8	5	13	32	13	0	161
(1)	1.34	1.01	.56	.11	.00	.00	.00	.67	1.34	2.24	2.80	.89	.56	1.45	3.58	1.45	.00	18.01
(2)	.27	.20	.11	.02	.00	.00	.00	.14	.27	.45	.56	.18	.11	.29	.72	.29	.00	3.64
13-18	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.11	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22
(2)	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	43	35	31	29	44	31	17	45	79	82	117	45	52	75	120	49	0	894
(1)	4.81	3.91	3.47	3.24	4.92	3.47	1.90	5.03	8.84	9.17	13.09	5.03	5.82	8.39	13.42	5.48	.00	100.00
(2)	.97	.79	.70	.66	.99	.70	.38	1.02	1.78	1.85	2.64	1.02	1.17	1.69	2.71	1.11	.00	20.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.39

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	2	4	5	2	6	2	11	20	25	33	18	11	36	9	6	0	192
(1)	.43	.43	.87	1.09	.43	1.30	.43	2.39	4.35	5.43	7.17	3.91	2.39	7.83	1.96	1.30	.00	41.74
(2)	.05	.05	.09	.11	.05	.14	.05	.25	.45	.56	.75	.41	.25	.81	.20	.14	.00	4.34
4-7	0	0	0	1	0	1	2	19	29	29	50	35	32	37	26	2	0	263
(1)	.00	.00	.00	.22	.00	.22	.43	4.13	6.30	6.30	10.87	7.61	6.96	8.04	5.65	.43	.00	57.17
(2)	.00	.00	.00	.02	.00	.02	.05	.43	.66	.66	1.13	.79	.72	.84	.59	.05	.00	5.94
8-12	0	0	0	0	0	0	0	0	0	0	1	0	0	2	2	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.00	.00	.43	.43	.00	.00	1.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05	.05	.00	.00	.11
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	2	4	6	2	7	4	30	49	54	84	53	43	75	37	8	0	460
(1)	.43	.43	.87	1.30	.43	1.52	.87	6.52	10.65	11.74	18.26	11.52	9.35	16.30	8.04	1.74	.00	100.00
(2)	.05	.05	.09	.14	.05	.16	.09	.68	1.11	1.22	1.90	1.20	.97	1.69	.84	.18	.00	10.39

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 14.26

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	0	0	1	1	0	2	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.00	.16	.00	.00	.16	.16	.00	.32	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.02	.02	.00	.05	.00	.00	.00	.00	.00	.11
C-3	4	0	1	0	2	6	2	3	39	85	115	72	50	39	4	1	0	423
(1)	.63	.00	.16	.00	.32	.95	.32	.48	6.18	13.47	18.23	11.41	7.92	6.18	.63	.16	.00	67.04
(2)	.09	.00	.02	.00	.05	.14	.05	.07	.88	1.92	2.60	1.63	1.13	.88	.09	.02	.00	9.56
4-7	0	0	0	0	0	0	0	2	19	22	59	30	17	42	10	2	0	203
(1)	.00	.00	.00	.00	.00	.00	.00	.32	3.01	3.49	9.35	4.75	2.69	6.66	1.58	.32	.00	32.17
(2)	.00	.00	.00	.00	.00	.00	.00	.05	.43	.50	1.33	.68	.38	.95	.23	.05	.00	4.59
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	4	0	1	0	2	7	2	5	59	108	174	104	67	81	14	3	0	631
(1)	.63	.00	.16	.00	.32	1.11	.32	.79	9.35	17.12	27.58	16.48	10.62	12.84	2.22	.48	.00	100.00
(2)	.09	.00	.02	.00	.05	.16	.05	.11	1.33	2.44	3.93	2.35	1.51	1.83	.32	.07	.00	14.26

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-52—CCNPP 33 Feet October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	1	0	0	1	1	0	0	2	1	1	2	0	0	0	0	0	10
(1)	.02	.02	.00	.00	.02	.02	.00	.00	.05	.02	.02	.05	.00	.00	.00	.00	.00	.23
(2)	.02	.02	.00	.00	.02	.02	.00	.00	.05	.02	.02	.05	.00	.00	.00	.00	.00	.23
C-3	31	25	33	28	39	40	19	30	84	141	176	109	79	107	41	24	0	1006
(1)	.70	.56	.75	.63	.88	.90	.43	.68	1.90	3.19	3.98	2.46	1.78	2.42	.93	.54	.00	22.73
(2)	.70	.56	.75	.63	.88	.90	.43	.68	1.90	3.19	3.98	2.46	1.78	2.42	.93	.54	.00	22.73
4-7	133	168	107	125	88	67	73	99	143	145	259	136	118	158	175	99	0	2093
(1)	3.00	3.80	2.42	2.82	1.99	1.51	1.65	2.24	3.23	3.28	5.85	3.07	2.67	3.57	3.95	2.24	.00	47.29
(2)	3.00	3.80	2.42	2.82	1.99	1.51	1.65	2.24	3.23	3.28	5.85	3.07	2.67	3.57	3.95	2.24	.00	47.29
8-12	170	117	206	58	5	6	10	66	34	40	74	45	34	77	127	97	0	1166
(1)	3.84	2.64	4.65	1.31	.11	.14	.23	1.49	.77	.90	1.67	1.02	.77	1.74	2.87	2.19	.00	26.34
(2)	3.84	2.64	4.65	1.31	.11	.14	.23	1.49	.77	.90	1.67	1.02	.77	1.74	2.87	2.19	.00	26.34
13-18	44	6	37	4	0	0	0	18	1	0	2	4	7	7	13	2	0	145
(1)	.99	.14	.84	.09	.00	.00	.00	.41	.02	.00	.05	.09	.16	.16	.29	.05	.00	3.28
(2)	.99	.14	.84	.09	.00	.00	.00	.41	.02	.00	.05	.09	.16	.16	.29	.05	.00	3.28
19-24	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
(2)	.14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	385	317	383	215	133	114	102	213	264	327	512	296	238	349	356	222	0	4426
(1)	8.70	7.16	8.65	4.86	3.00	2.58	2.30	4.81	5.96	7.39	11.57	6.69	5.38	7.89	8.04	5.02	.00	100.00
(2)	8.70	7.16	8.65	4.86	3.00	2.58	2.30	4.81	5.96	7.39	11.57	6.69	5.38	7.89	8.04	5.02	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.17

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	0	0	0	0	0	0	0	3	0	0	1	0	0	0	0	6
(1)	.18	.18	.00	.00	.00	.00	.00	.00	.00	.53	.00	.00	.18	.00	.00	.00	.00	1.05
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.02	.00	.00	.00	.00	.14
4-7	12	20	12	7	10	9	6	8	16	29	36	12	7	7	6	8	0	205
(1)	2.11	3.51	2.11	1.23	1.76	1.58	1.05	1.41	2.81	5.10	6.33	2.11	1.23	1.23	1.05	1.41	.00	36.03
(2)	.28	.46	.28	.16	.23	.21	.14	.19	.37	.67	.83	.28	.16	.16	.14	.19	.00	4.75
8-12	55	18	5	0	0	0	4	15	8	32	69	15	11	33	21	26	0	312
(1)	9.67	3.16	.88	.00	.00	.00	.70	2.64	1.41	5.62	12.13	2.64	1.93	5.80	3.69	4.57	.00	54.83
(2)	1.27	.42	.12	.00	.00	.00	.09	.35	.19	.74	1.60	.35	.25	.76	.49	.60	.00	7.22
13-18	1	0	1	0	0	0	0	3	1	2	1	0	4	11	15	5	0	44
(1)	.18	.00	.18	.00	.00	.00	.00	.53	.18	.35	.18	.00	.70	1.93	2.64	.88	.00	7.73
(2)	.02	.00	.02	.00	.00	.00	.00	.07	.02	.05	.02	.00	.09	.25	.35	.12	.00	1.02
19-24	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.18	.00	.00	.00	.35
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	69	39	18	7	10	9	10	26	25	66	106	27	24	52	42	39	0	569
(1)	12.13	6.85	3.16	1.23	1.76	1.58	1.76	4.57	4.39	11.60	18.63	4.75	4.22	9.14	7.38	6.85	.00	100.00
(2)	1.60	.90	.42	.16	.23	.21	.23	.60	.58	1.53	2.45	.63	.56	1.20	.97	.90	.00	13.17

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.59

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	.65
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
C-3	0	0	0	0	1	0	1	1	0	0	0	2	0	0	0	0	0	5
(1)	.00	.00	.00	.00	.65	.00	.65	.65	.00	.00	.00	1.29	.00	.00	.00	.00	.00	3.23
(2)	.00	.00	.00	.00	.02	.00	.02	.02	.00	.00	.00	.05	.00	.00	.00	.00	.00	.12
4-7	3	7	4	1	3	5	2	5	1	4	10	9	3	3	2	0	0	62
(1)	1.94	4.52	2.58	.65	1.94	3.23	1.29	3.23	.65	2.58	6.45	5.81	1.94	1.94	1.29	.00	.00	40.00
(2)	.07	.16	.09	.02	.07	.12	.05	.12	.02	.09	.23	.21	.07	.07	.05	.00	.00	1.44
8-12	10	7	1	0	0	0	0	3	0	7	6	4	6	10	9	7	0	70
(1)	6.45	4.52	.65	.00	.00	.00	.00	1.94	.00	4.52	3.87	2.58	3.87	6.45	5.81	4.52	.00	45.16
(2)	.23	.16	.02	.00	.00	.00	.00	.07	.00	.16	.14	.09	.14	.23	.21	.16	.00	1.62
13-18	2	1	0	0	0	0	0	1	0	0	0	0	0	4	5	2	0	15
(1)	1.29	.65	.00	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	2.58	3.23	1.29	.00	9.68
(2)	.05	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.09	.12	.05	.00	.35
19-24	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2
(1)	.65	.00	.00	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.29
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	15	5	1	4	5	3	11	1	11	16	16	9	17	16	9	0	155
(1)	10.32	9.68	3.23	.65	2.58	3.23	1.94	7.10	.65	7.10	10.32	10.32	5.81	10.97	10.32	5.81	.00	100.00
(2)	.37	.35	.12	.02	.09	.12	.07	.25	.02	.25	.37	.37	.21	.39	.37	.21	.00	3.59

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.68

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	2	0	0	2	2	1	0	0	1	0	1	0	0	10
(1)	.00	.63	.00	.00	1.26	.00	.00	1.26	1.26	.63	.00	.00	.63	.00	.63	.00	.00	6.29
(2)	.00	.02	.00	.00	.05	.00	.00	.05	.05	.02	.00	.00	.02	.00	.02	.00	.00	.23
4-7	3	6	6	5	3	6	5	9	1	7	10	7	2	2	4	1	0	77
(1)	1.89	3.77	3.77	3.14	1.89	3.77	3.14	5.66	.63	4.40	6.29	4.40	1.26	1.26	2.52	.63	.00	48.43
(2)	.07	.14	.14	.12	.07	.14	.12	.21	.02	.16	.23	.16	.05	.05	.09	.02	.00	1.78
8-12	5	6	0	0	0	0	2	4	4	3	2	4	3	5	3	3	0	44
(1)	3.14	3.77	.00	.00	.00	.00	1.26	2.52	2.52	1.89	1.26	2.52	1.89	3.14	1.89	1.89	.00	27.67
(2)	.12	.14	.00	.00	.00	.00	.05	.09	.09	.07	.05	.09	.07	.12	.07	.07	.00	1.02
13-18	7	4	0	0	0	0	0	1	0	1	0	0	2	6	3	3	0	27
(1)	4.40	2.52	.00	.00	.00	.00	.00	.63	.00	.63	.00	.00	1.26	3.77	1.89	1.89	.00	16.98
(2)	.16	.09	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.05	.14	.07	.07	.00	.62
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.00	.00	.63
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	17	6	5	5	6	7	16	7	12	12	11	8	14	11	7	0	159
(1)	9.43	10.69	3.77	3.14	3.14	3.77	4.40	10.06	4.40	7.55	7.55	6.92	5.03	8.81	6.92	4.40	.00	100.00
(2)	.35	.39	.14	.12	.12	.14	.16	.37	.16	.28	.28	.25	.19	.32	.25	.16	.00	3.68

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.30

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	12	12	9	14	12	5	10	12	11	7	12	1	6	5	4	0	138
(1)	.46	.92	.92	.69	1.07	.92	.38	.76	.92	.84	.53	.92	.08	.46	.38	.31	.00	10.54
(2)	.14	.28	.28	.21	.32	.28	.12	.23	.28	.25	.16	.28	.02	.14	.12	.09	.00	3.19
4-7	24	31	16	36	37	30	52	51	47	29	30	24	13	11	32	31	0	494
(1)	1.83	2.37	1.22	2.75	2.83	2.29	3.97	3.90	3.59	2.22	2.29	1.83	.99	.84	2.44	2.37	.00	37.74
(2)	.56	.72	.37	.83	.86	.69	1.20	1.18	1.09	.67	.69	.56	.30	.25	.74	.72	.00	11.44
8-12	42	30	32	12	6	8	9	76	38	24	44	20	17	46	63	69	0	536
(1)	3.21	2.29	2.44	.92	.46	.61	.69	5.81	2.90	1.83	3.36	1.53	1.30	3.51	4.81	5.27	.00	40.95
(2)	.97	.69	.74	.28	.14	.19	.21	1.76	.88	.56	1.02	.46	.39	1.06	1.46	1.60	.00	12.41
13-18	24	13	5	0	0	0	0	12	4	1	4	3	3	36	19	8	0	132
(1)	1.83	.99	.38	.00	.00	.00	.00	.92	.31	.08	.31	.23	.23	2.75	1.45	.61	.00	10.08
(2)	.56	.30	.12	.00	.00	.00	.00	.28	.09	.02	.09	.07	.07	.83	.44	.19	.00	3.06
19-24	4	0	0	0	0	0	0	1	0	0	0	0	1	2	1	0	0	9
(1)	.31	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.08	.15	.08	.00	.00	.69
(2)	.09	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.05	.02	.00	.00	.21
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	100	86	65	57	57	50	66	150	101	65	85	59	35	101	120	112	0	1309
(1)	7.64	6.57	4.97	4.35	4.35	3.82	5.04	11.46	7.72	4.97	6.49	4.51	2.67	7.72	9.17	8.56	.00	100.00
(2)	2.31	1.99	1.50	1.32	1.32	1.16	1.53	3.47	2.34	1.50	1.97	1.37	.81	2.34	2.78	2.59	.00	30.30

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.56

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	12	14	13	19	16	17	8	26	29	36	31	20	14	19	17	13	0	304
(1)	.97	1.13	1.05	1.54	1.30	1.38	.65	2.11	2.35	2.92	2.51	1.62	1.13	1.54	1.38	1.05	.00	24.64
(2)	.28	.32	.30	.44	.37	.39	.19	.60	.67	.83	.72	.46	.32	.44	.39	.30	.00	7.04
4-7	20	13	13	11	18	9	14	17	59	97	102	52	32	35	110	54	0	656
(1)	1.62	1.05	1.05	.89	1.46	.73	1.13	1.38	4.78	7.86	8.27	4.21	2.59	2.84	8.91	4.38	.00	53.16
(2)	.46	.30	.30	.25	.42	.21	.32	.39	1.37	2.25	2.36	1.20	.74	.81	2.55	1.25	.00	15.19
8-12	6	4	0	0	4	0	0	14	27	27	75	11	16	20	38	19	0	261
(1)	.49	.32	.00	.00	.32	.00	.00	1.13	2.19	2.19	6.08	.89	1.30	1.62	3.08	1.54	.00	21.15
(2)	.14	.09	.00	.00	.09	.00	.00	.32	.63	.63	1.74	.25	.37	.46	.88	.44	.00	6.04
13-18	0	0	0	0	0	0	0	3	0	0	2	1	1	4	1	0	0	12
(1)	.00	.00	.00	.00	.00	.00	.00	.24	.00	.00	.16	.08	.08	.32	.08	.00	.00	.97
(2)	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.05	.02	.02	.09	.02	.00	.00	.28
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	38	31	26	30	38	26	22	61	115	160	210	84	63	78	166	86	0	1234
(1)	3.08	2.51	2.11	2.43	3.08	2.11	1.78	4.94	9.32	12.97	17.02	6.81	5.11	6.32	13.45	6.97	.00	100.00
(2)	.88	.72	.60	.69	.88	.60	.51	1.41	2.66	3.70	4.86	1.94	1.46	1.81	3.84	1.99	.00	28.56

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.67

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	1	0	0	0	1	0	2	0	1	2	0	1	1	0	0	9
(1)	.00	.00	.20	.00	.00	.00	.20	.00	.40	.00	.20	.40	.00	.20	.20	.00	.00	1.79
(2)	.00	.00	.02	.00	.00	.00	.02	.00	.05	.00	.02	.05	.00	.02	.02	.00	.00	.21
C-3	8	8	5	6	3	6	5	15	35	42	44	19	12	13	9	5	0	235
(1)	1.59	1.59	.99	1.19	.60	1.19	.99	2.98	6.94	8.33	8.73	3.77	2.38	2.58	1.79	.99	.00	46.63
(2)	.19	.19	.12	.14	.07	.14	.12	.35	.81	.97	1.02	.44	.28	.30	.21	.12	.00	5.44
4-7	2	2	1	1	1	1	9	6	24	52	58	16	14	29	36	1	0	253
(1)	.40	.40	.20	.20	.20	.20	1.79	1.19	4.76	10.32	11.51	3.17	2.78	5.75	7.14	.20	.00	50.20
(2)	.05	.05	.02	.02	.02	.02	.21	.14	.56	1.20	1.34	.37	.32	.67	.83	.02	.00	5.86
8-12	0	0	0	0	0	0	0	0	0	1	5	1	0	0	0	0	0	7
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	.99	.20	.00	.00	.00	.00	.00	1.39
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.02	.00	.00	.00	.00	.00	.16
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	10	7	7	4	7	15	21	61	95	108	38	26	43	46	6	0	504
(1)	1.98	1.98	1.39	1.39	.79	1.39	2.98	4.17	12.10	18.85	21.43	7.54	5.16	8.53	9.13	1.19	.00	100.00
(2)	.23	.23	.16	.16	.09	.16	.35	.49	1.41	2.20	2.50	.88	.60	1.00	1.06	.14	.00	11.67

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.03

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	2	0	0	0	1	2	0	0	2	1	0	0	1	0	9
(1)	.00	.00	.00	.51	.00	.00	.00	.26	.51	.00	.00	.51	.26	.00	.00	.26	.00	2.31
(2)	.00	.00	.00	.05	.00	.00	.00	.02	.05	.00	.00	.05	.02	.00	.00	.02	.00	.21
C-3	3	0	2	2	0	3	4	8	16	55	53	40	24	21	2	0	0	233
(1)	.77	.00	.51	.51	.00	.77	1.03	2.05	4.10	14.10	13.59	10.26	6.15	5.38	.51	.00	.00	59.74
(2)	.07	.00	.05	.05	.00	.07	.09	.19	.37	1.27	1.23	.93	.56	.49	.05	.00	.00	5.39
4-7	0	0	0	0	0	4	3	5	7	27	47	16	18	16	5	0	0	148
(1)	.00	.00	.00	.00	.00	1.03	.77	1.28	1.79	6.92	12.05	4.10	4.62	4.10	1.28	.00	.00	37.95
(2)	.00	.00	.00	.00	.00	.09	.07	.12	.16	.63	1.09	.37	.42	.37	.12	.00	.00	3.43
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	3	0	2	4	0	7	7	14	25	82	100	58	43	37	7	1	0	390
(1)	.77	.00	.51	1.03	.00	1.79	1.79	3.59	6.41	21.03	25.64	14.87	11.03	9.49	1.79	.26	.00	100.00
(2)	.07	.00	.05	.09	.00	.16	.16	.32	.58	1.90	2.31	1.34	1.00	.86	.16	.02	.00	9.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-53—CCNPP 33 Feet November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	1	2	0	0	1	2	4	0	1	5	1	1	1	1	0	20
(1)	.00	.00	.02	.05	.00	.00	.02	.05	.09	.00	.02	.12	.02	.02	.02	.02	.00	.46
(2)	.00	.00	.02	.05	.00	.00	.02	.05	.09	.00	.02	.12	.02	.02	.02	.02	.00	.46
C-3	30	36	32	36	36	38	23	62	94	148	135	93	53	59	34	22	0	931
(1)	.69	.83	.74	.83	.83	.88	.53	1.44	2.18	3.43	3.13	2.15	1.23	1.37	.79	.51	.00	21.55
(2)	.69	.83	.74	.83	.83	.88	.53	1.44	2.18	3.43	3.13	2.15	1.23	1.37	.79	.51	.00	21.55
4-7	64	79	52	61	72	64	91	101	155	245	293	136	89	103	195	95	0	1895
(1)	1.48	1.83	1.20	1.41	1.67	1.48	2.11	2.34	3.59	5.67	6.78	3.15	2.06	2.38	4.51	2.20	.00	43.87
(2)	1.48	1.83	1.20	1.41	1.67	1.48	2.11	2.34	3.59	5.67	6.78	3.15	2.06	2.38	4.51	2.20	.00	43.87
8-12	118	65	38	12	10	8	15	112	77	94	201	55	53	114	134	124	0	1230
(1)	2.73	1.50	.88	.28	.23	.19	.35	2.59	1.78	2.18	4.65	1.27	1.23	2.64	3.10	2.87	.00	28.47
(2)	2.73	1.50	.88	.28	.23	.19	.35	2.59	1.78	2.18	4.65	1.27	1.23	2.64	3.10	2.87	.00	28.47
13-18	34	18	6	0	0	0	0	20	5	4	7	4	10	61	43	18	0	230
(1)	.79	.42	.14	.00	.00	.00	.00	.46	.12	.09	.16	.09	.23	1.41	1.00	.42	.00	5.32
(2)	.79	.42	.14	.00	.00	.00	.00	.46	.12	.09	.16	.09	.23	1.41	1.00	.42	.00	5.32
19-24	5	0	0	0	0	0	0	2	0	0	0	0	2	4	1	0	0	14
(1)	.12	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05	.09	.02	.00	.00	.32
(2)	.12	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.05	.09	.02	.00	.00	.32
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	251	198	129	111	118	110	130	299	335	491	637	293	208	342	408	260	0	4320
(1)	5.81	4.58	2.99	2.57	2.73	2.55	3.01	6.92	7.75	11.37	14.75	6.78	4.81	7.92	9.44	6.02	.00	100.00
(2)	5.81	4.58	2.99	2.57	2.73	2.55	3.01	6.92	7.75	11.37	14.75	6.78	4.81	7.92	9.44	6.02	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 8.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	1	1	0	0	0	0	1	1	0	2	2	1	0	0	9
(1)	.00	.00	.00	.28	.28	.00	.00	.00	.00	.28	.28	.00	.56	.56	.28	.00	.00	2.50
(2)	.00	.00	.00	.02	.02	.00	.00	.00	.00	.02	.02	.00	.05	.05	.02	.00	.00	.21
4-7	15	7	7	5	2	0	0	0	2	12	12	10	7	10	6	3	0	98
(1)	4.17	1.94	1.94	1.39	.56	.00	.00	.00	.56	3.33	3.33	2.78	1.94	2.78	1.67	.83	.00	27.22
(2)	.35	.16	.16	.12	.05	.00	.00	.00	.05	.28	.28	.23	.16	.23	.14	.07	.00	2.27
8-12	22	9	6	3	0	0	0	4	5	22	28	23	15	26	22	7	0	192
(1)	6.11	2.50	1.67	.83	.00	.00	.00	1.11	1.39	6.11	7.78	6.39	4.17	7.22	6.11	1.94	.00	53.33
(2)	.51	.21	.14	.07	.00	.00	.00	.09	.12	.51	.65	.53	.35	.60	.51	.16	.00	4.46
13-18	3	0	1	0	0	0	0	0	0	2	3	1	5	21	22	3	0	61
(1)	.83	.00	.28	.00	.00	.00	.00	.00	.00	.56	.83	.28	1.39	5.83	6.11	.83	.00	16.94
(2)	.07	.00	.02	.00	.00	.00	.00	.00	.00	.05	.07	.02	.12	.49	.51	.07	.00	1.42
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	40	16	14	9	3	0	0	4	7	37	44	34	29	59	51	13	0	360
(1)	11.11	4.44	3.89	2.50	.83	.00	.00	1.11	1.94	10.28	12.22	9.44	8.06	16.39	14.17	3.61	.00	100.00
(2)	.93	.37	.32	.21	.07	.00	.00	.09	.16	.86	1.02	.79	.67	1.37	1.18	.30	.00	8.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.22

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
(1)	.00	.55	.00	.00	.00	.00	.00	.00	.00	.55	.00	.00	.00	.00	.00	.00	.00	1.10
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.05
4-7	4	10	5	2	2	0	1	1	2	2	5	5	5	3	7	3	0	57
(1)	2.20	5.49	2.75	1.10	1.10	.00	.55	.55	1.10	1.10	2.75	2.75	2.75	1.65	3.85	1.65	.00	31.32
(2)	.09	.23	.12	.05	.05	.00	.02	.02	.05	.05	.12	.12	.12	.07	.16	.07	.00	1.32
8-12	14	8	3	0	0	0	0	1	1	8	12	6	8	10	16	6	0	93
(1)	7.69	4.40	1.65	.00	.00	.00	.00	.55	.55	4.40	6.59	3.30	4.40	5.49	8.79	3.30	.00	51.10
(2)	.32	.19	.07	.00	.00	.00	.00	.02	.02	.19	.28	.14	.19	.23	.37	.14	.00	2.16
13-18	2	0	0	0	0	0	0	0	1	0	1	1	1	8	12	2	0	28
(1)	1.10	.00	.00	.00	.00	.00	.00	.00	.55	.00	.55	.55	.55	4.40	6.59	1.10	.00	15.38
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.02	.02	.19	.28	.05	.00	.65
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	.00	.00	1.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	20	19	8	2	2	0	1	2	4	11	18	12	14	21	37	11	0	182
(1)	10.99	10.44	4.40	1.10	1.10	.00	.55	1.10	2.20	6.04	9.89	6.59	7.69	11.54	20.33	6.04	.00	100.00
(2)	.46	.44	.19	.05	.05	.00	.02	.05	.09	.26	.42	.28	.32	.49	.86	.26	.00	4.22

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	2	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	7
(1)	.00	1.06	.53	.53	.53	.00	.53	.00	.00	.00	.00	.53	.00	.00	.00	.00	.00	3.72
(2)	.00	.05	.02	.02	.02	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.16
4-7	7	5	5	1	4	3	2	3	3	4	4	6	8	7	4	5	0	71
(1)	3.72	2.66	2.66	.53	2.13	1.60	1.06	1.60	1.60	2.13	2.13	3.19	4.26	3.72	2.13	2.66	.00	37.77
(2)	.16	.12	.12	.02	.09	.07	.05	.07	.07	.09	.09	.14	.19	.16	.09	.12	.00	1.65
8-12	9	6	2	2	0	0	0	0	6	3	14	6	8	12	15	5	0	88
(1)	4.79	3.19	1.06	1.06	.00	.00	.00	.00	3.19	1.60	7.45	3.19	4.26	6.38	7.98	2.66	.00	46.81
(2)	.21	.14	.05	.05	.00	.00	.00	.00	.14	.07	.32	.14	.19	.28	.35	.12	.00	2.04
13-18	1	0	0	0	0	0	0	0	0	0	2	0	0	7	8	3	0	21
(1)	.53	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.06	.00	.00	3.72	4.26	1.60	.00	11.17
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.16	.19	.07	.00	.49
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53	.00	.00	.53
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	17	13	8	4	5	3	3	3	9	7	20	13	16	26	28	13	0	188
(1)	9.04	6.91	4.26	2.13	2.66	1.60	1.60	1.60	4.79	3.72	10.64	6.91	8.51	13.83	14.89	6.91	.00	100.00
(2)	.39	.30	.19	.09	.12	.07	.07	.07	.21	.16	.46	.30	.37	.60	.65	.30	.00	4.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 35.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.00	.00	.07	.00	.00	.00	.20
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.07
C-3	11	10	8	6	7	6	2	5	7	4	8	9	14	6	10	4	0	117
(1)	.72	.65	.52	.39	.46	.39	.13	.33	.46	.26	.52	.59	.91	.39	.65	.26	.00	7.64
(2)	.26	.23	.19	.14	.16	.14	.05	.12	.16	.09	.19	.21	.32	.14	.23	.09	.00	2.72
4-7	50	53	38	46	26	18	22	27	30	37	36	33	32	33	56	53	0	590
(1)	3.27	3.46	2.48	3.00	1.70	1.18	1.44	1.76	1.96	2.42	2.35	2.16	2.09	2.16	3.66	3.46	.00	38.54
(2)	1.16	1.23	.88	1.07	.60	.42	.51	.63	.70	.86	.84	.77	.74	.77	1.30	1.23	.00	13.70
8-12	87	71	70	34	5	0	2	18	23	14	36	28	30	55	109	65	0	647
(1)	5.68	4.64	4.57	2.22	.33	.00	.13	1.18	1.50	.91	2.35	1.83	1.96	3.59	7.12	4.25	.00	42.26
(2)	2.02	1.65	1.62	.79	.12	.00	.05	.42	.53	.32	.84	.65	.70	1.28	2.53	1.51	.00	15.02
13-18	24	6	14	4	0	0	5	7	6	0	2	5	9	36	36	7	0	161
(1)	1.57	.39	.91	.26	.00	.00	.33	.46	.39	.00	.13	.33	.59	2.35	2.35	.46	.00	10.52
(2)	.56	.14	.32	.09	.00	.00	.12	.16	.14	.00	.05	.12	.21	.84	.84	.16	.00	3.74
19-24	3	0	1	0	0	0	1	0	0	0	0	0	1	3	4	0	0	13
(1)	.20	.00	.07	.00	.00	.00	.07	.00	.00	.00	.00	.00	.07	.20	.26	.00	.00	.85
(2)	.07	.00	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.07	.09	.00	.00	.30
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	175	140	131	90	38	24	32	57	66	56	83	75	86	134	215	129	0	1531
(1)	11.43	9.14	8.56	5.88	2.48	1.57	2.09	3.72	4.31	3.66	5.42	4.90	5.62	8.75	14.04	8.43	.00	100.00
(2)	4.06	3.25	3.04	2.09	.88	.56	.74	1.32	1.53	1.30	1.93	1.74	2.00	3.11	4.99	2.99	.00	35.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 36.05

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	3
(1)	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	.06	.00	.00	.00	.00	.00	.19
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.07
C-3	12	13	9	9	4	6	23	17	22	29	21	26	40	24	35	21	0	311
(1)	.77	.84	.58	.58	.26	.39	1.48	1.09	1.42	1.87	1.35	1.67	2.58	1.55	2.25	1.35	.00	20.03
(2)	.28	.30	.21	.21	.09	.14	.53	.39	.51	.67	.49	.60	.93	.56	.81	.49	.00	7.22
4-7	30	20	19	14	11	4	26	34	59	73	72	60	82	95	133	72	0	804
(1)	1.93	1.29	1.22	.90	.71	.26	1.67	2.19	3.80	4.70	4.64	3.86	5.28	6.12	8.56	4.64	.00	51.77
(2)	.70	.46	.44	.32	.26	.09	.60	.79	1.37	1.69	1.67	1.39	1.90	2.21	3.09	1.67	.00	18.66
8-12	10	9	1	0	0	0	4	20	16	46	123	15	39	59	43	26	0	411
(1)	.64	.58	.06	.00	.00	.00	.26	1.29	1.03	2.96	7.92	.97	2.51	3.80	2.77	1.67	.00	26.46
(2)	.23	.21	.02	.00	.00	.00	.09	.46	.37	1.07	2.86	.35	.91	1.37	1.00	.60	.00	9.54
13-18	0	0	0	0	0	0	3	7	0	0	2	1	1	8	1	0	0	23
(1)	.00	.00	.00	.00	.00	.00	.19	.45	.00	.00	.13	.06	.06	.52	.06	.00	.00	1.48
(2)	.00	.00	.00	.00	.00	.00	.07	.16	.00	.00	.05	.02	.02	.19	.02	.00	.00	.53
19-24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.06	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	53	42	29	23	15	10	56	79	97	148	219	103	162	186	212	119	0	1553
(1)	3.41	2.70	1.87	1.48	.97	.64	3.61	5.09	6.25	9.53	14.10	6.63	10.43	11.98	13.65	7.66	.00	100.00
(2)	1.23	.97	.67	.53	.35	.23	1.30	1.83	2.25	3.44	5.08	2.39	3.76	4.32	4.92	2.76	.00	36.05

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.73

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	1	2	1	1	0	1	0	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.27	.53	.27	.27	.00	.27	.00	.00	.00	1.60
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.02	.02	.00	.02	.00	.00	.00	.14
C-3	6	1	4	5	6	6	3	10	6	25	33	20	21	28	10	1	0	185
(1)	1.60	.27	1.06	1.33	1.60	1.60	.80	2.66	1.60	6.65	8.78	5.32	5.59	7.45	2.66	.27	.00	49.20
(2)	.14	.02	.09	.12	.14	.14	.07	.23	.14	.58	.77	.46	.49	.65	.23	.02	.00	4.29
4-7	1	4	0	1	0	0	1	1	23	49	47	15	12	13	14	1	0	182
(1)	.27	1.06	.00	.27	.00	.00	.27	.27	6.12	13.03	12.50	3.99	3.19	3.46	3.72	.27	.00	48.40
(2)	.02	.09	.00	.02	.00	.00	.02	.02	.53	1.14	1.09	.35	.28	.30	.32	.02	.00	4.22
8-12	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.27	.27	.27	.00	.00	.00	.00	.00	.00	.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.07
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	5	4	6	6	6	4	11	31	77	82	36	33	42	24	2	0	376
(1)	1.86	1.33	1.06	1.60	1.60	1.60	1.06	2.93	8.24	20.48	21.81	9.57	8.78	11.17	6.38	.53	.00	100.00
(2)	.16	.12	.09	.14	.14	.14	.09	.26	.72	1.79	1.90	.84	.77	.97	.56	.05	.00	8.73

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 2.74

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.85	.00	.00	.00	.85	.00	.85	.00	.00	.00	.00	.00	.00	2.54
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.07
C-3	1	0	0	1	1	1	1	0	9	17	18	13	5	2	1	1	0	71
(1)	.85	.00	.00	.85	.85	.85	.85	.00	7.63	14.41	15.25	11.02	4.24	1.69	.85	.85	.00	60.17
(2)	.02	.00	.00	.02	.02	.02	.02	.00	.21	.39	.42	.30	.12	.05	.02	.02	.00	1.65
4-7	1	0	0	0	0	0	0	1	10	13	12	0	5	1	0	0	0	43
(1)	.85	.00	.00	.00	.00	.00	.00	.85	8.47	11.02	10.17	.00	4.24	.85	.00	.00	.00	36.44
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.23	.30	.28	.00	.12	.02	.00	.00	.00	1.00
8-12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.85	.00	.00	.85
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
13-18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	2	0	0	1	2	1	1	1	20	30	31	13	10	3	2	1	0	118
(1)	1.69	.00	.00	.85	1.69	.85	.85	.85	16.95	25.42	26.27	11.02	8.47	2.54	1.69	.85	.00	100.00
(2)	.05	.00	.00	.02	.05	.02	.02	.02	.46	.70	.72	.30	.23	.07	.05	.02	.00	2.74

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-54—CCNPP 33 Feet December JFDD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	1	0	0	0	1	0	0	0	2	3	4	2	0	2	0	0	0	15
(1)	.02	.00	.00	.00	.02	.00	.00	.00	.05	.07	.09	.05	.00	.05	.00	.00	.00	.35
(2)	.02	.00	.00	.00	.02	.00	.00	.00	.05	.07	.09	.05	.00	.05	.00	.00	.00	.35
C-3	30	27	22	23	20	19	30	32	44	77	81	69	82	62	57	27	0	702
(1)	.70	.63	.51	.53	.46	.44	.70	.74	1.02	1.79	1.88	1.60	1.90	1.44	1.32	.63	.00	16.30
(2)	.70	.63	.51	.53	.46	.44	.70	.74	1.02	1.79	1.88	1.60	1.90	1.44	1.32	.63	.00	16.30
4-7	108	99	74	69	45	25	52	67	129	190	188	129	151	162	220	137	0	1845
(1)	2.51	2.30	1.72	1.60	1.04	.58	1.21	1.56	2.99	4.41	4.36	2.99	3.51	3.76	5.11	3.18	.00	42.83
(2)	2.51	2.30	1.72	1.60	1.04	.58	1.21	1.56	2.99	4.41	4.36	2.99	3.51	3.76	5.11	3.18	.00	42.83
8-12	142	103	82	39	5	0	6	43	52	94	214	78	100	162	206	109	0	1435
(1)	3.30	2.39	1.90	.91	.12	.00	.14	1.00	1.21	2.18	4.97	1.81	2.32	3.76	4.78	2.53	.00	33.31
(2)	3.30	2.39	1.90	.91	.12	.00	.14	1.00	1.21	2.18	4.97	1.81	2.32	3.76	4.78	2.53	.00	33.31
13-18	30	6	15	4	0	0	8	14	7	2	10	8	16	80	79	15	0	294
(1)	.70	.14	.35	.09	.00	.00	.19	.32	.16	.05	.23	.19	.37	1.86	1.83	.35	.00	6.82
(2)	.70	.14	.35	.09	.00	.00	.19	.32	.16	.05	.23	.19	.37	1.86	1.83	.35	.00	6.82
19-24	3	0	1	0	0	0	1	1	0	0	0	0	1	3	7	0	0	17
(1)	.07	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.00	.02	.07	.16	.00	.00	.39
(2)	.07	.00	.02	.00	.00	.00	.02	.02	.00	.00	.00	.00	.02	.07	.16	.00	.00	.39
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	314	235	194	135	71	44	97	157	234	366	497	286	350	471	569	288	0	4308
(1)	7.29	5.45	4.50	3.13	1.65	1.02	2.25	3.64	5.43	8.50	11.54	6.64	8.12	10.93	13.21	6.69	.00	100.00
(2)	7.29	5.45	4.50	3.13	1.65	1.02	2.25	3.64	5.43	8.50	11.54	6.64	8.12	10.93	13.21	6.69	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 11.75

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	5	5	4	9	2	1	1	0	1	0	3	0	1	0	2	0	37
(1)	.05	.08	.08	.07	.15	.03	.02	.02	.00	.02	.00	.05	.00	.02	.00	.03	.00	.61
(2)	.01	.01	.01	.01	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.07
4-7	122	144	76	68	101	64	42	39	41	82	122	65	29	14	15	23	0	1047
(1)	2.01	2.37	1.25	1.12	1.66	1.05	.69	.64	.68	1.35	2.01	1.07	.48	.23	.25	.38	.00	17.25
(2)	.24	.28	.15	.13	.20	.12	.08	.08	.08	.16	.24	.13	.06	.03	.03	.04	.00	2.03
8-12	443	294	46	19	31	69	155	225	111	274	432	228	121	110	109	86	0	2753
(1)	7.30	4.84	.76	.31	.51	1.14	2.55	3.71	1.83	4.51	7.12	3.76	1.99	1.81	1.80	1.42	.00	45.36
(2)	.86	.57	.09	.04	.06	.13	.30	.44	.21	.53	.84	.44	.23	.21	.21	.17	.00	5.33
13-18	188	116	29	5	8	9	53	129	34	184	302	102	87	210	203	94	0	1753
(1)	3.10	1.91	.48	.08	.13	.15	.87	2.13	.56	3.03	4.98	1.68	1.43	3.46	3.34	1.55	.00	28.88
(2)	.36	.22	.06	.01	.02	.02	.10	.25	.07	.36	.58	.20	.17	.41	.39	.18	.00	3.40
19-24	28	29	12	3	0	0	2	18	3	38	45	13	14	90	118	11	0	424
(1)	.46	.48	.20	.05	.00	.00	.03	.30	.05	.63	.74	.21	.23	1.48	1.94	.18	.00	6.99
(2)	.05	.06	.02	.01	.00	.00	.00	.03	.01	.07	.09	.03	.03	.17	.23	.02	.00	.82
GT 24	0	3	4	0	0	0	0	2	0	8	1	4	5	15	13	0	0	55
(1)	.00	.05	.07	.00	.00	.00	.00	.03	.00	.13	.02	.07	.08	.25	.21	.00	.00	.91
(2)	.00	.01	.01	.00	.00	.00	.00	.00	.00	.02	.00	.01	.01	.03	.03	.00	.00	.11
ALL SPEEDS	784	591	172	99	149	144	253	414	189	587	902	415	256	440	458	216	0	6069
(1)	12.92	9.74	2.83	1.63	2.46	2.37	4.17	6.82	3.11	9.67	14.86	6.84	4.22	7.25	7.55	3.56	.00	100.00
(2)	1.52	1.14	.33	.19	.29	.28	.49	.80	.37	1.14	1.75	.80	.50	.85	.89	.42	.00	11.75

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.58

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	6	3	7	5	4	3	2	0	0	4	2	2	0	2	0	0	42
(1)	.08	.25	.13	.30	.21	.17	.13	.08	.00	.00	.17	.08	.08	.00	.08	.00	.00	1.78
(2)	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.08
4-7	91	104	60	51	72	47	35	21	19	28	38	48	30	16	12	19	0	691
(1)	3.85	4.40	2.54	2.16	3.04	1.99	1.48	.89	.80	1.18	1.61	2.03	1.27	.68	.51	.80	.00	29.22
(2)	.18	.20	.12	.10	.14	.09	.07	.04	.04	.05	.07	.09	.06	.03	.02	.04	.00	1.34
8-12	143	107	23	11	16	18	65	110	32	62	105	68	38	47	42	37	0	924
(1)	6.05	4.52	.97	.47	.68	.76	2.75	4.65	1.35	2.62	4.44	2.88	1.61	1.99	1.78	1.56	.00	39.07
(2)	.28	.21	.04	.02	.03	.03	.13	.21	.06	.12	.20	.13	.07	.09	.08	.07	.00	1.79
13-18	63	27	21	4	2	4	14	49	8	48	66	24	27	45	67	40	0	509
(1)	2.66	1.14	.89	.17	.08	.17	.59	2.07	.34	2.03	2.79	1.01	1.14	1.90	2.83	1.69	.00	21.52
(2)	.12	.05	.04	.01	.00	.01	.03	.09	.02	.09	.13	.05	.05	.09	.13	.08	.00	.99
19-24	18	14	8	2	0	0	0	10	5	13	9	2	6	34	38	14	0	173
(1)	.76	.59	.34	.08	.00	.00	.00	.42	.21	.55	.38	.08	.25	1.44	1.61	.59	.00	7.32
(2)	.03	.03	.02	.00	.00	.00	.00	.02	.01	.03	.02	.00	.01	.07	.07	.03	.00	.34
GT 24	3	1	0	1	0	0	0	2	0	0	1	1	1	5	8	3	0	26
(1)	.13	.04	.00	.04	.00	.00	.00	.08	.00	.00	.04	.04	.04	.21	.34	.13	.00	1.10
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.05
ALL SPEEDS	320	259	115	76	95	73	117	194	64	151	223	145	104	147	169	113	0	2365
(1)	13.53	10.95	4.86	3.21	4.02	3.09	4.95	8.20	2.71	6.38	9.43	6.13	4.40	6.22	7.15	4.78	.00	100.00
(2)	.62	.50	.22	.15	.18	.14	.23	.38	.12	.29	.43	.28	.20	.28	.33	.22	.00	4.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.03

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	10	13	10	9	4	3	3	3	3	6	8	3	2	3	5	0	91
(1)	.23	.38	.50	.38	.35	.15	.12	.12	.12	.12	.23	.31	.12	.08	.12	.19	.00	3.50
(2)	.01	.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.00	.01	.01	.00	.18
4-7	104	146	73	82	76	55	43	37	30	22	63	44	34	27	14	18	0	868
(1)	4.00	5.62	2.81	3.16	2.93	2.12	1.66	1.42	1.15	.85	2.42	1.69	1.31	1.04	.54	.69	.00	33.41
(2)	.20	.28	.14	.16	.15	.11	.08	.07	.06	.04	.12	.09	.07	.05	.03	.03	.00	1.68
8-12	142	112	29	15	20	23	40	120	31	58	93	80	43	41	62	60	0	969
(1)	5.47	4.31	1.12	.58	.77	.89	1.54	4.62	1.19	2.23	3.58	3.08	1.66	1.58	2.39	2.31	.00	37.30
(2)	.28	.22	.06	.03	.04	.04	.08	.23	.06	.11	.18	.15	.08	.08	.12	.12	.00	1.88
13-18	54	45	20	9	3	2	9	46	14	41	53	26	24	39	65	38	0	488
(1)	2.08	1.73	.77	.35	.12	.08	.35	1.77	.54	1.58	2.04	1.00	.92	1.50	2.50	1.46	.00	18.78
(2)	.10	.09	.04	.02	.01	.00	.02	.09	.03	.08	.10	.05	.05	.08	.13	.07	.00	.95
19-24	14	17	12	4	0	0	0	7	0	8	15	1	4	29	34	6	0	151
(1)	.54	.65	.46	.15	.00	.00	.00	.27	.00	.31	.58	.04	.15	1.12	1.31	.23	.00	5.81
(2)	.03	.03	.02	.01	.00	.00	.00	.01	.00	.02	.03	.00	.01	.06	.07	.01	.00	.29
GT 24	5	3	3	0	0	0	0	0	0	1	0	0	1	6	11	1	0	31
(1)	.19	.12	.12	.00	.00	.00	.00	.00	.00	.04	.00	.00	.04	.23	.42	.04	.00	1.19
(2)	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.06
ALL SPEEDS	325	333	150	120	108	84	95	213	78	133	230	159	109	144	189	128	0	2598
(1)	12.51	12.82	5.77	4.62	4.16	3.23	3.66	8.20	3.00	5.12	8.85	6.12	4.20	5.54	7.27	4.93	.00	100.00
(2)	.63	.64	.29	.23	.21	.16	.18	.41	.15	.26	.45	.31	.21	.28	.37	.25	.00	5.03

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.33

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	66	82	79	82	97	56	37	28	33	32	37	36	34	33	32	49	0	813
(1)	.37	.46	.45	.46	.55	.32	.21	.16	.19	.18	.21	.20	.19	.19	.18	.28	.00	4.59
(2)	.13	.16	.15	.16	.19	.11	.07	.05	.06	.06	.07	.07	.07	.06	.06	.09	.00	1.57
4-7	388	449	269	371	380	223	223	227	156	143	168	150	124	102	130	163	0	3666
(1)	2.19	2.53	1.52	2.09	2.14	1.26	1.26	1.28	.88	.81	.95	.85	.70	.58	.73	.92	.00	20.68
(2)	.75	.87	.52	.72	.74	.43	.43	.44	.30	.28	.33	.29	.24	.20	.25	.32	.00	7.10
8-12	563	505	476	575	406	283	351	588	309	284	328	278	155	202	406	516	0	6225
(1)	3.18	2.85	2.69	3.24	2.29	1.60	1.98	3.32	1.74	1.60	1.85	1.57	.87	1.14	2.29	2.91	.00	35.12
(2)	1.09	.98	.92	1.11	.79	.55	.68	1.14	.60	.55	.64	.54	.30	.39	.79	1.00	.00	12.06
13-18	541	566	516	276	85	72	116	410	142	211	348	148	94	247	581	595	0	4948
(1)	3.05	3.19	2.91	1.56	.48	.41	.65	2.31	.80	1.19	1.96	.84	.53	1.39	3.28	3.36	.00	27.92
(2)	1.05	1.10	1.00	.53	.16	.14	.22	.79	.28	.41	.67	.29	.18	.48	1.13	1.15	.00	9.58
19-24	295	314	213	43	3	5	19	88	34	67	83	11	23	149	203	135	0	1685
(1)	1.66	1.77	1.20	.24	.02	.03	.11	.50	.19	.38	.47	.06	.13	.84	1.15	.76	.00	9.51
(2)	.57	.61	.41	.08	.01	.01	.04	.17	.07	.13	.16	.02	.04	.29	.39	.26	.00	3.26
GT 24	80	112	54	9	2	0	4	16	2	9	3	3	6	39	30	16	0	385
(1)	.45	.63	.30	.05	.01	.00	.02	.09	.01	.05	.02	.02	.03	.22	.17	.09	.00	2.17
(2)	.15	.22	.10	.02	.00	.00	.01	.03	.00	.02	.01	.01	.01	.08	.06	.03	.00	.75
ALL SPEEDS	1933	2029	1607	1356	973	640	750	1357	676	746	967	626	436	772	1382	1474	0	17724
(1)	10.91	11.45	9.07	7.65	5.49	3.61	4.23	7.66	3.81	4.21	5.46	3.53	2.46	4.36	7.80	8.32	.00	100.00
(2)	3.74	3.93	3.11	2.63	1.88	1.24	1.45	2.63	1.31	1.44	1.87	1.21	.84	1.50	2.68	2.85	.00	34.33

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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 26.79

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	3
(1)	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	31	33	40	34	41	32	37	43	23	26	19	14	18	22	25	23	0	461
(1)	.22	.24	.29	.25	.30	.23	.27	.31	.17	.19	.14	.10	.13	.16	.18	.17	.00	3.33
(2)	.06	.06	.08	.07	.08	.06	.07	.08	.04	.05	.04	.03	.03	.04	.05	.04	.00	.89
4-7	129	124	128	132	181	116	105	110	131	92	134	97	78	114	117	129	0	1917
(1)	.93	.90	.93	.95	1.31	.84	.76	.80	.95	.67	.97	.70	.56	.82	.85	.93	.00	13.86
(2)	.25	.24	.25	.26	.35	.22	.20	.21	.25	.18	.26	.19	.15	.22	.23	.25	.00	3.71
8-12	378	230	180	110	112	167	215	574	606	467	438	357	291	531	654	671	0	5981
(1)	2.73	1.66	1.30	.80	.81	1.21	1.55	4.15	4.38	3.38	3.17	2.58	2.10	3.84	4.73	4.85	.00	43.25
(2)	.73	.45	.35	.21	.22	.32	.42	1.11	1.17	.90	.85	.69	.56	1.03	1.27	1.30	.00	11.58
13-18	175	140	42	6	9	20	34	317	559	958	947	258	149	319	436	392	0	4761
(1)	1.27	1.01	.30	.04	.07	.14	.25	2.29	4.04	6.93	6.85	1.87	1.08	2.31	3.15	2.83	.00	34.43
(2)	.34	.27	.08	.01	.02	.04	.07	.61	1.08	1.86	1.83	.50	.29	.62	.84	.76	.00	9.22
19-24	47	27	6	2	3	3	6	43	43	177	193	12	16	42	22	14	0	656
(1)	.34	.20	.04	.01	.02	.02	.04	.31	.31	1.28	1.40	.09	.12	.30	.16	.10	.00	4.74
(2)	.09	.05	.01	.00	.01	.01	.01	.08	.08	.34	.37	.02	.03	.08	.04	.03	.00	1.27
GT 24	5	5	3	2	1	3	4	7	3	6	4	1	0	6	1	0	0	51
(1)	.04	.04	.02	.01	.01	.02	.03	.05	.02	.04	.03	.01	.00	.04	.01	.00	.00	.37
(2)	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.00	.00	.10
ALL SPEEDS	765	559	399	286	348	341	401	1094	1365	1727	1735	739	553	1034	1255	1229	0	13830
(1)	5.53	4.04	2.89	2.07	2.52	2.47	2.90	7.91	9.87	12.49	12.55	5.34	4.00	7.48	9.07	8.89	.00	100.00
(2)	1.48	1.08	.77	.55	.67	.66	.78	2.12	2.64	3.34	3.36	1.43	1.07	2.00	2.43	2.38	.00	26.79

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.32

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3
(1)	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.06
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	15	17	17	19	29	22	20	21	18	18	18	9	16	16	17	15	0	287
(1)	.28	.32	.32	.36	.54	.41	.38	.39	.34	.34	.34	.17	.30	.30	.32	.28	.00	5.39
(2)	.03	.03	.03	.04	.06	.04	.04	.04	.03	.03	.03	.02	.03	.03	.03	.03	.00	.56
4-7	61	48	43	41	48	43	51	62	75	69	65	59	52	63	38	56	0	874
(1)	1.14	.90	.81	.77	.90	.81	.96	1.16	1.41	1.29	1.22	1.11	.98	1.18	.71	1.05	.00	16.40
(2)	.12	.09	.08	.08	.09	.08	.10	.12	.15	.13	.13	.11	.10	.12	.07	.11	.00	1.69
8-12	74	38	27	16	12	26	86	170	345	335	279	204	192	190	182	175	0	2351
(1)	1.39	.71	.51	.30	.23	.49	1.61	3.19	6.47	6.29	5.24	3.83	3.60	3.57	3.42	3.28	.00	44.12
(2)	.14	.07	.05	.03	.02	.05	.17	.33	.67	.65	.54	.40	.37	.37	.35	.34	.00	4.55
13-18	20	15	13	9	3	1	12	95	306	421	319	159	88	84	173	39	0	1757
(1)	.38	.28	.24	.17	.06	.02	.23	1.78	5.74	7.90	5.99	2.98	1.65	1.58	3.25	.73	.00	32.97
(2)	.04	.03	.03	.02	.01	.00	.02	.18	.59	.82	.62	.31	.17	.16	.34	.08	.00	3.40
19-24	4	3	1	3	0	0	0	0	2	15	21	2	0	0	1	0	0	52
(1)	.08	.06	.02	.06	.00	.00	.00	.00	.04	.28	.39	.04	.00	.00	.02	.00	.00	.98
(2)	.01	.01	.00	.01	.00	.00	.00	.00	.00	.03	.04	.00	.00	.00	.00	.00	.00	.10
GT 24	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
(1)	.06	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
(2)	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
ALL SPEEDS	177	123	101	89	92	93	169	348	746	858	702	434	348	353	411	285	0	5329
(1)	3.32	2.31	1.90	1.67	1.73	1.75	3.17	6.53	14.00	16.10	13.17	8.14	6.53	6.62	7.71	5.35	.00	100.00
(2)	.34	.24	.20	.17	.18	.18	.33	.67	1.44	1.66	1.36	.84	.67	.68	.80	.55	.00	10.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.20

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	0	2	1	2	0	1	0	0	7
(1)	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.05	.03	.05	.00	.03	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01
C-3	31	23	31	19	35	20	29	25	18	23	24	31	20	18	21	23	0	391
(1)	.83	.62	.83	.51	.94	.54	.78	.67	.48	.62	.65	.83	.54	.48	.57	.62	.00	10.52
(2)	.06	.04	.06	.04	.07	.04	.06	.05	.03	.04	.05	.06	.04	.03	.04	.04	.00	.76
4-7	55	46	26	28	39	29	53	47	70	92	78	71	70	52	41	43	0	840
(1)	1.48	1.24	.70	.75	1.05	.78	1.43	1.27	1.88	2.48	2.10	1.91	1.88	1.40	1.10	1.16	.00	22.61
(2)	.11	.09	.05	.05	.08	.06	.10	.09	.14	.18	.15	.14	.14	.10	.08	.08	.00	1.63
8-12	35	6	2	4	2	14	28	94	204	247	246	209	141	121	100	127	0	1580
(1)	.94	.16	.05	.11	.05	.38	.75	2.53	5.49	6.65	6.62	5.63	3.80	3.26	2.69	3.42	.00	42.53
(2)	.07	.01	.00	.01	.00	.03	.05	.18	.40	.48	.48	.40	.27	.23	.19	.25	.00	3.06
13-18	2	5	8	3	0	4	6	44	155	193	132	82	73	60	79	11	0	857
(1)	.05	.13	.22	.08	.00	.11	.16	1.18	4.17	5.20	3.55	2.21	1.97	1.62	2.13	.30	.00	23.07
(2)	.00	.01	.02	.01	.00	.01	.01	.09	.30	.37	.26	.16	.14	.12	.15	.02	.00	1.66
19-24	0	0	7	1	0	0	0	1	1	7	2	5	1	4	2	0	0	31
(1)	.00	.00	.19	.03	.00	.00	.00	.03	.03	.19	.05	.13	.03	.11	.05	.00	.00	.83
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.01	.00	.00	.00	.06
GT 24	0	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
(1)	.00	.08	.16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.24
(2)	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	123	83	80	55	77	67	116	211	448	562	484	399	307	255	244	204	0	3715
(1)	3.31	2.23	2.15	1.48	2.07	1.80	3.12	5.68	12.06	15.13	13.03	10.74	8.26	6.86	6.57	5.49	.00	100.00
(2)	.24	.16	.15	.11	.15	.13	.22	.41	.87	1.09	.94	.77	.59	.49	.47	.40	.00	7.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-55—CCNPP 197' Annual JFD

CC JAN00-DEC05 MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	1	2	2	0	0	0	1	2	2	3	0	1	0	0	15
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.03
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.03
C-3	154	176	188	175	225	140	130	123	95	103	108	103	93	92	100	117	0	2122
(1)	.30	.34	.36	.34	.44	.27	.25	.24	.18	.20	.21	.20	.18	.18	.19	.23	.00	4.11
(2)	.30	.34	.36	.34	.44	.27	.25	.24	.18	.20	.21	.20	.18	.18	.19	.23	.00	4.11
4-7	950	1061	675	773	897	577	552	543	522	528	668	534	417	388	367	451	0	9903
(1)	1.84	2.06	1.31	1.50	1.74	1.12	1.07	1.05	1.01	1.02	1.29	1.03	.81	.75	.71	.87	.00	19.18
(2)	1.84	2.06	1.31	1.50	1.74	1.12	1.07	1.05	1.01	1.02	1.29	1.03	.81	.75	.71	.87	.00	19.18
8-12	1778	1292	783	750	599	600	940	1881	1638	1727	1921	1424	981	1242	1555	1672	0	20783
(1)	3.44	2.50	1.52	1.45	1.16	1.16	1.82	3.64	3.17	3.34	3.72	2.76	1.90	2.41	3.01	3.24	.00	40.25
(2)	3.44	2.50	1.52	1.45	1.16	1.16	1.82	3.64	3.17	3.34	3.72	2.76	1.90	2.41	3.01	3.24	.00	40.25
13-18	1043	914	649	312	110	112	244	1090	1218	2056	2167	799	542	1004	1604	1209	0	15073
(1)	2.02	1.77	1.26	.60	.21	.22	.47	2.11	2.36	3.98	4.20	1.55	1.05	1.94	3.11	2.34	.00	29.19
(2)	2.02	1.77	1.26	.60	.21	.22	.47	2.11	2.36	3.98	4.20	1.55	1.05	1.94	3.11	2.34	.00	29.19
19-24	406	404	259	58	6	8	27	167	88	325	368	46	64	348	418	180	0	3172
(1)	.79	.78	.50	.11	.01	.02	.05	.32	.17	.63	.71	.09	.12	.67	.81	.35	.00	6.14
(2)	.79	.78	.50	.11	.01	.02	.05	.32	.17	.63	.71	.09	.12	.67	.81	.35	.00	6.14
GT 24	96	129	70	12	3	3	8	27	5	24	9	9	13	71	63	20	0	562
(1)	.19	.25	.14	.02	.01	.01	.02	.05	.01	.05	.02	.02	.03	.14	.12	.04	.00	1.09
(2)	.19	.25	.14	.02	.01	.01	.02	.05	.01	.05	.02	.02	.03	.14	.12	.04	.00	1.09
ALL SPEEDS	4427	3977	2624	2081	1842	1442	1901	3831	3566	4764	5243	2917	2113	3145	4108	3649	0	51630
(1)	8.57	7.70	5.08	4.03	3.57	2.79	3.68	7.42	6.91	9.23	10.15	5.65	4.09	6.09	7.96	7.07	.00	100.00
(2)	8.57	7.70	5.08	4.03	3.57	2.79	3.68	7.42	6.91	9.23	10.15	5.65	4.09	6.09	7.96	7.07	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 7.94

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.29	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	4	3	1	0	0	0	0	0	0	1	6	7	4	1	1	1	0	29
(1)	1.17	.87	.29	.00	.00	.00	.00	.00	.00	.29	1.75	2.04	1.17	.29	.29	.29	.00	8.45
(2)	.09	.07	.02	.00	.00	.00	.00	.00	.00	.02	.14	.16	.09	.02	.02	.02	.00	.67
8-12	15	2	1	0	0	2	0	3	0	4	25	19	19	16	17	5	0	128
(1)	4.37	.58	.29	.00	.00	.58	.00	.87	.00	1.17	7.29	5.54	5.54	4.66	4.96	1.46	.00	37.32
(2)	.35	.05	.02	.00	.00	.05	.00	.07	.00	.09	.58	.44	.44	.37	.39	.12	.00	2.96
13-18	13	6	0	0	0	0	0	0	0	4	13	7	14	37	32	12	0	138
(1)	3.79	1.75	.00	.00	.00	.00	.00	.00	.00	1.17	3.79	2.04	4.08	10.79	9.33	3.50	.00	40.23
(2)	.30	.14	.00	.00	.00	.00	.00	.00	.00	.09	.30	.16	.32	.86	.74	.28	.00	3.19
19-24	1	1	0	0	0	0	0	0	0	0	1	0	1	13	27	1	0	45
(1)	.29	.29	.00	.00	.00	.00	.00	.00	.00	.00	.29	.00	.29	3.79	7.87	.29	.00	13.12
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.30	.63	.02	.00	1.04
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.29	.29	.00	.00	.58
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.05
ALL SPEEDS	33	13	2	0	0	2	0	3	0	9	45	33	38	68	78	19	0	343
(1)	9.62	3.79	.58	.00	.00	.58	.00	.87	.00	2.62	13.12	9.62	11.08	19.83	22.74	5.54	.00	100.00
(2)	.76	.30	.05	.00	.00	.05	.00	.07	.00	.21	1.04	.76	.88	1.57	1.81	.44	.00	7.94

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.69	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	1	2	0	0	0	1	0	1	0	0	2	2	2	2	0	1	0	14
(1)	.69	1.38	.00	.00	.00	.69	.00	.69	.00	.00	1.38	1.38	1.38	1.38	.00	.69	.00	9.66
(2)	.02	.05	.00	.00	.00	.02	.00	.02	.00	.00	.05	.05	.05	.05	.00	.02	.00	.32
8-12	10	1	0	0	0	0	2	4	0	6	5	6	6	5	4	4	0	53
(1)	6.90	.69	.00	.00	.00	.00	1.38	2.76	.00	4.14	3.45	4.14	4.14	3.45	2.76	2.76	.00	36.55
(2)	.23	.02	.00	.00	.00	.00	.05	.09	.00	.14	.12	.14	.14	.12	.09	.09	.00	1.23
13-18	5	1	0	0	0	0	0	0	0	0	11	3	3	9	14	6	0	52
(1)	3.45	.69	.00	.00	.00	.00	.00	.00	.00	.00	7.59	2.07	2.07	6.21	9.66	4.14	.00	35.86
(2)	.12	.02	.00	.00	.00	.00	.00	.00	.00	.00	.25	.07	.07	.21	.32	.14	.00	1.20
19-24	2	0	0	0	0	0	0	0	0	1	1	0	1	4	9	3	0	21
(1)	1.38	.00	.00	.00	.00	.00	.00	.00	.00	.69	.69	.00	.69	2.76	6.21	2.07	.00	14.48
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.02	.09	.21	.07	.00	.49
GT 24	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	4
(1)	.69	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.69	.00	.69	.00	.69	.00	2.76
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.00	.09
ALL SPEEDS	19	4	0	0	1	1	2	5	0	7	19	12	12	21	27	15	0	145
(1)	13.10	2.76	.00	.00	.69	.69	1.38	3.45	.00	4.83	13.10	8.28	8.28	14.48	18.62	10.34	.00	100.00
(2)	.44	.09	.00	.00	.02	.02	.05	.12	.00	.16	.44	.28	.28	.49	.63	.35	.00	3.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.17

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.56
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	1	7	5	2	2	1	1	0	0	2	6	4	4	2	0	2	0	39
(1)	.56	3.89	2.78	1.11	1.11	.56	.56	.00	.00	1.11	3.33	2.22	2.22	1.11	.00	1.11	.00	21.67
(2)	.02	.16	.12	.05	.05	.02	.02	.00	.00	.05	.14	.09	.09	.05	.00	.05	.00	.90
8-12	5	5	0	0	0	0	2	5	0	5	5	7	5	6	12	3	0	60
(1)	2.78	2.78	.00	.00	.00	.00	1.11	2.78	.00	2.78	2.78	3.89	2.78	3.33	6.67	1.67	.00	33.33
(2)	.12	.12	.00	.00	.00	.00	.05	.12	.00	.12	.12	.16	.12	.14	.28	.07	.00	1.39
13-18	11	8	0	0	0	0	0	0	1	2	4	1	3	8	14	5	0	57
(1)	6.11	4.44	.00	.00	.00	.00	.00	.00	.56	1.11	2.22	.56	1.67	4.44	7.78	2.78	.00	31.67
(2)	.25	.19	.00	.00	.00	.00	.00	.00	.02	.05	.09	.02	.07	.19	.32	.12	.00	1.32
19-24	2	0	0	0	0	0	0	0	0	0	2	0	1	2	11	0	0	18
(1)	1.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.11	.00	.56	1.11	6.11	.00	.00	10.00
(2)	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.02	.05	.25	.00	.00	.42
GT 24	1	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	0	5
(1)	.56	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.11	1.11	.00	.00	2.78
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.05	.00	.00	.12
ALL SPEEDS	20	20	5	3	2	1	3	5	1	9	17	12	13	20	39	10	0	180
(1)	11.11	11.11	2.78	1.67	1.11	.56	1.67	2.78	.56	5.00	9.44	6.67	7.22	11.11	21.67	5.56	.00	100.00
(2)	.46	.46	.12	.07	.05	.02	.07	.12	.02	.21	.39	.28	.30	.46	.90	.23	.00	4.17

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 40.81

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	3	14	6	8	3	4	1	2	5	2	1	2	3	3	2	0	61
(1)	.11	.17	.79	.34	.45	.17	.23	.06	.11	.28	.11	.06	.11	.17	.17	.11	.00	3.46
(2)	.05	.07	.32	.14	.19	.07	.09	.02	.05	.12	.05	.02	.05	.07	.07	.05	.00	1.41
4-7	28	23	17	21	22	16	21	13	14	17	16	22	18	8	14	20	0	290
(1)	1.59	1.30	.96	1.19	1.25	.91	1.19	.74	.79	.96	.91	1.25	1.02	.45	.79	1.13	.00	16.45
(2)	.65	.53	.39	.49	.51	.37	.49	.30	.32	.39	.37	.51	.42	.19	.32	.46	.00	6.71
8-12	68	41	22	23	11	9	15	41	20	24	28	30	19	31	89	76	0	547
(1)	3.86	2.33	1.25	1.30	.62	.51	.85	2.33	1.13	1.36	1.59	1.70	1.08	1.76	5.05	4.31	.00	31.03
(2)	1.57	.95	.51	.53	.25	.21	.35	.95	.46	.56	.65	.69	.44	.72	2.06	1.76	.00	12.66
13-18	87	66	10	2	0	1	7	18	13	38	50	19	12	47	149	119	0	638
(1)	4.93	3.74	.57	.11	.00	.06	.40	1.02	.74	2.16	2.84	1.08	.68	2.67	8.45	6.75	.00	36.19
(2)	2.01	1.53	.23	.05	.00	.02	.16	.42	.30	.88	1.16	.44	.28	1.09	3.45	2.75	.00	14.77
19-24	44	27	1	0	0	0	1	1	4	13	9	1	1	18	55	21	0	196
(1)	2.50	1.53	.06	.00	.00	.00	.06	.06	.23	.74	.51	.06	.06	1.02	3.12	1.19	.00	11.12
(2)	1.02	.63	.02	.00	.00	.00	.02	.02	.09	.30	.21	.02	.02	.42	1.27	.49	.00	4.54
GT 24	12	1	0	0	0	0	0	0	0	3	1	1	1	3	5	4	0	31
(1)	.68	.06	.00	.00	.00	.00	.00	.00	.00	.17	.06	.06	.06	.17	.28	.23	.00	1.76
(2)	.28	.02	.00	.00	.00	.00	.00	.00	.00	.07	.02	.02	.02	.07	.12	.09	.00	.72
ALL SPEEDS	241	161	64	52	41	29	48	74	53	100	106	74	53	110	315	242	0	1763
(1)	13.67	9.13	3.63	2.95	2.33	1.64	2.72	4.20	3.01	5.67	6.01	4.20	3.01	6.24	17.87	13.73	.00	100.00
(2)	5.58	3.73	1.48	1.20	.95	.67	1.11	1.71	1.23	2.31	2.45	1.71	1.23	2.55	7.29	5.60	.00	40.81

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 31.32

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	6	3	3	9	3	6	5	1	0	2	2	0	3	1	4	0	51
(1)	.22	.44	.22	.22	.67	.22	.44	.37	.07	.00	.15	.15	.00	.22	.07	.30	.00	3.77
(2)	.07	.14	.07	.07	.21	.07	.14	.12	.02	.00	.05	.05	.00	.07	.02	.09	.00	1.18
4-7	13	13	9	10	10	6	9	6	4	3	11	6	8	12	10	13	0	143
(1)	.96	.96	.67	.74	.74	.44	.67	.44	.30	.22	.81	.44	.59	.89	.74	.96	.00	10.57
(2)	.30	.30	.21	.23	.23	.14	.21	.14	.09	.07	.25	.14	.19	.28	.23	.30	.00	3.31
8-12	43	25	15	8	2	9	13	32	38	26	23	19	33	81	121	83	0	571
(1)	3.18	1.85	1.11	.59	.15	.67	.96	2.37	2.81	1.92	1.70	1.40	2.44	5.99	8.94	6.13	.00	42.20
(2)	1.00	.58	.35	.19	.05	.21	.30	.74	.88	.60	.53	.44	.76	1.88	2.80	1.92	.00	13.22
13-18	18	8	4	1	1	3	4	28	24	88	117	29	11	56	67	31	0	490
(1)	1.33	.59	.30	.07	.07	.22	.30	2.07	1.77	6.50	8.65	2.14	.81	4.14	4.95	2.29	.00	36.22
(2)	.42	.19	.09	.02	.02	.07	.09	.65	.56	2.04	2.71	.67	.25	1.30	1.55	.72	.00	11.34
19-24	4	0	0	0	0	0	1	5	6	21	37	0	0	8	10	0	0	92
(1)	.30	.00	.00	.00	.00	.00	.07	.37	.44	1.55	2.73	.00	.00	.59	.74	.00	.00	6.80
(2)	.09	.00	.00	.00	.00	.00	.02	.12	.14	.49	.86	.00	.00	.19	.23	.00	.00	2.13
GT 24	0	0	0	0	0	0	0	0	1	1	1	0	0	2	1	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.07	.00	.00	.15	.07	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.05	.02	.00	.00	.14
ALL SPEEDS	81	52	31	22	22	21	33	76	74	139	191	56	52	162	210	131	0	1353
(1)	5.99	3.84	2.29	1.63	1.63	1.55	2.44	5.62	5.47	10.27	14.12	4.14	3.84	11.97	15.52	9.68	.00	100.00
(2)	1.88	1.20	.72	.51	.51	.49	.76	1.76	1.71	3.22	4.42	1.30	1.20	3.75	4.86	3.03	.00	31.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.87

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	1	1	1	2	4	2	1	0	0	1	2	2	2	1	2	3	0	25
(1)	.26	.26	.26	.52	1.04	.52	.26	.00	.00	.26	.52	.52	.52	.26	.52	.78	.00	6.53
(2)	.02	.02	.02	.05	.09	.05	.02	.00	.00	.02	.05	.05	.05	.02	.05	.07	.00	.58
4-7	2	3	4	4	4	3	1	4	4	2	5	3	5	12	1	7	0	64
(1)	.52	.78	1.04	1.04	1.04	.78	.26	1.04	1.04	.52	1.31	.78	1.31	3.13	.26	1.83	.00	16.71
(2)	.05	.07	.09	.09	.09	.07	.02	.09	.09	.05	.12	.07	.12	.28	.02	.16	.00	1.48
8-12	1	1	3	3	2	2	7	10	14	14	14	11	19	17	17	7	0	142
(1)	.26	.26	.78	.78	.52	.52	1.83	2.61	3.66	3.66	3.66	2.87	4.96	4.44	4.44	1.83	.00	37.08
(2)	.02	.02	.07	.07	.05	.05	.16	.23	.32	.32	.32	.25	.44	.39	.39	.16	.00	3.29
13-18	1	4	3	0	0	0	1	10	17	40	30	13	7	4	8	1	0	139
(1)	.26	1.04	.78	.00	.00	.00	.26	2.61	4.44	10.44	7.83	3.39	1.83	1.04	2.09	.26	.00	36.29
(2)	.02	.09	.07	.00	.00	.00	.02	.23	.39	.93	.69	.30	.16	.09	.19	.02	.00	3.22
19-24	3	1	0	0	0	0	0	0	1	1	3	0	0	0	0	0	0	9
(1)	.78	.26	.00	.00	.00	.00	.00	.00	.26	.26	.78	.00	.00	.00	.00	.00	.00	2.35
(2)	.07	.02	.00	.00	.00	.00	.00	.00	.02	.02	.07	.00	.00	.00	.00	.00	.00	.21
GT 24	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
(1)	.78	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.78
(2)	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
ALL SPEEDS	11	10	11	10	10	7	10	24	36	58	54	29	33	34	28	18	0	383
(1)	2.87	2.61	2.87	2.61	2.61	1.83	2.61	6.27	9.40	15.14	14.10	7.57	8.62	8.88	7.31	4.70	.00	100.00
(2)	.25	.23	.25	.23	.23	.16	.23	.56	.83	1.34	1.25	.67	.76	.79	.65	.42	.00	8.87

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	1	1	0	2	2	0	0	0	2	2	1	1	0	0	13
(1)	.00	.65	.00	.65	.65	.00	1.31	1.31	.00	.00	.00	1.31	1.31	.65	.65	.00	.00	8.50
(2)	.00	.02	.00	.02	.02	.00	.05	.05	.00	.00	.00	.05	.05	.02	.02	.00	.00	.30
4-7	2	0	1	3	0	2	2	1	4	2	6	3	2	0	0	0	0	28
(1)	1.31	.00	.65	1.96	.00	1.31	1.31	.65	2.61	1.31	3.92	1.96	1.31	.00	.00	.00	.00	18.30
(2)	.05	.00	.02	.07	.00	.05	.05	.02	.09	.05	.14	.07	.05	.00	.00	.00	.00	.65
8-12	0	0	0	1	0	4	1	13	10	6	7	8	3	6	1	3	0	63
(1)	.00	.00	.00	.65	.00	2.61	.65	8.50	6.54	3.92	4.58	5.23	1.96	3.92	.65	1.96	.00	41.18
(2)	.00	.00	.00	.02	.00	.09	.02	.30	.23	.14	.16	.19	.07	.14	.02	.07	.00	1.46
13-18	0	1	0	0	0	0	1	2	8	12	9	4	4	1	3	0	0	45
(1)	.00	.65	.00	.00	.00	.00	.65	1.31	5.23	7.84	5.88	2.61	2.61	.65	1.96	.00	.00	29.41
(2)	.00	.02	.00	.00	.00	.00	.02	.05	.19	.28	.21	.09	.09	.02	.07	.00	.00	1.04
19-24	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.65	.00	.65	.00	.65	.00	.00	.00	.00	.00	1.96
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.00	.00	.00	.00	.00	.07
GT 24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.65	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.65
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	2	3	1	5	1	6	6	19	22	21	22	18	11	8	5	3	0	153
(1)	1.31	1.96	.65	3.27	.65	3.92	3.92	12.42	14.38	13.73	14.38	11.76	7.19	5.23	3.27	1.96	.00	100.00
(2)	.05	.07	.02	.12	.02	.14	.14	.44	.51	.49	.51	.42	.25	.19	.12	.07	.00	3.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-56—CCNPP 197' January JFD

CC JANUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	6	12	18	13	23	8	13	8	3	6	6	7	6	8	7	9	0	153
(1)	.14	.28	.42	.30	.53	.19	.30	.19	.07	.14	.14	.16	.14	.19	.16	.21	.00	3.54
(2)	.14	.28	.42	.30	.53	.19	.30	.19	.07	.14	.14	.16	.14	.19	.16	.21	.00	3.54
4-7	51	51	37	40	38	29	34	25	26	27	52	47	43	37	26	44	0	607
(1)	1.18	1.18	.86	.93	.88	.67	.79	.58	.60	.63	1.20	1.09	1.00	.86	.60	1.02	.00	14.05
(2)	1.18	1.18	.86	.93	.88	.67	.79	.58	.60	.63	1.20	1.09	1.00	.86	.60	1.02	.00	14.05
8-12	142	75	41	35	15	26	40	108	82	85	107	100	104	162	261	181	0	1564
(1)	3.29	1.74	.95	.81	.35	.60	.93	2.50	1.90	1.97	2.48	2.31	2.41	3.75	6.04	4.19	.00	36.20
(2)	3.29	1.74	.95	.81	.35	.60	.93	2.50	1.90	1.97	2.48	2.31	2.41	3.75	6.04	4.19	.00	36.20
13-18	135	94	17	3	1	4	13	58	63	184	234	76	54	162	287	174	0	1559
(1)	3.13	2.18	.39	.07	.02	.09	.30	1.34	1.46	4.26	5.42	1.76	1.25	3.75	6.64	4.03	.00	36.09
(2)	3.13	2.18	.39	.07	.02	.09	.30	1.34	1.46	4.26	5.42	1.76	1.25	3.75	6.64	4.03	.00	36.09
19-24	56	29	1	0	0	0	2	7	11	37	53	2	4	45	112	25	0	384
(1)	1.30	.67	.02	.00	.00	.00	.05	.16	.25	.86	1.23	.05	.09	1.04	2.59	.58	.00	8.89
(2)	1.30	.67	.02	.00	.00	.00	.05	.16	.25	.86	1.23	.05	.09	1.04	2.59	.58	.00	8.89
GT 24	17	2	0	0	0	0	0	0	1	4	2	2	1	9	9	5	0	52
(1)	.39	.05	.00	.00	.00	.00	.00	.00	.02	.09	.05	.05	.02	.21	.21	.12	.00	1.20
(2)	.39	.05	.00	.00	.00	.00	.00	.00	.02	.09	.05	.05	.02	.21	.21	.12	.00	1.20
ALL SPEEDS	407	263	114	92	77	67	102	206	186	343	454	234	212	423	702	438	0	4320
(1)	9.42	6.09	2.64	2.13	1.78	1.55	2.36	4.77	4.31	7.94	10.51	5.42	4.91	9.79	16.25	10.14	.00	100.00
(2)	9.42	6.09	2.64	2.13	1.78	1.55	2.36	4.77	4.31	7.94	10.51	5.42	4.91	9.79	16.25	10.14	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 10.15

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	4	4	0	1	4	0	0	0	0	1	7	4	0	1	1	1	0	28
(1)	.98	.98	.00	.24	.98	.00	.00	.00	.00	.24	1.71	.98	.00	.24	.24	.24	.00	6.83
(2)	.10	.10	.00	.02	.10	.00	.00	.00	.00	.02	.17	.10	.00	.02	.02	.02	.00	.69
8-12	27	24	1	0	0	1	4	11	8	17	22	26	16	11	14	7	0	189
(1)	6.59	5.85	.24	.00	.00	.24	.98	2.68	1.95	4.15	5.37	6.34	3.90	2.68	3.41	1.71	.00	46.10
(2)	.67	.59	.02	.00	.00	.02	.10	.27	.20	.42	.54	.64	.40	.27	.35	.17	.00	4.68
13-18	21	8	2	0	0	0	2	4	1	15	16	4	7	24	29	7	0	140
(1)	5.12	1.95	.49	.00	.00	.00	.49	.98	.24	3.66	3.90	.98	1.71	5.85	7.07	1.71	.00	34.15
(2)	.52	.20	.05	.00	.00	.00	.05	.10	.02	.37	.40	.10	.17	.59	.72	.17	.00	3.47
19-24	5	1	0	0	0	0	0	0	0	8	5	0	1	9	15	3	0	47
(1)	1.22	.24	.00	.00	.00	.00	.00	.00	.00	1.95	1.22	.00	.24	2.20	3.66	.73	.00	11.46
(2)	.12	.02	.00	.00	.00	.00	.00	.00	.00	.20	.12	.00	.02	.22	.37	.07	.00	1.16
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	0	0	6
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.73	.73	.00	.00	1.46
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.07	.00	.00	.15
ALL SPEEDS	57	37	3	1	4	1	6	15	9	41	50	34	24	48	62	18	0	410
(1)	13.90	9.02	.73	.24	.98	.24	1.46	3.66	2.20	10.00	12.20	8.29	5.85	11.71	15.12	4.39	.00	100.00
(2)	1.41	.92	.07	.02	.10	.02	.15	.37	.22	1.02	1.24	.84	.59	1.19	1.54	.45	.00	10.15

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.31

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	4
(1)	.57	.00	.57	.57	.00	.00	.00	.57	.00	.00	.00	.00	.00	.00	.00	.00	.00	2.30
(2)	.02	.00	.02	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10
4-7	8	2	8	2	3	0	0	0	0	2	2	3	1	1	1	1	0	34
(1)	4.60	1.15	4.60	1.15	1.72	.00	.00	.00	.00	1.15	1.15	1.72	.57	.57	.57	.57	.00	19.54
(2)	.20	.05	.20	.05	.07	.00	.00	.00	.00	.05	.05	.07	.02	.02	.02	.02	.00	.84
8-12	11	4	1	0	2	1	0	8	4	3	5	10	0	0	5	5	0	59
(1)	6.32	2.30	.57	.00	1.15	.57	.00	4.60	2.30	1.72	2.87	5.75	.00	.00	2.87	2.87	.00	33.91
(2)	.27	.10	.02	.00	.05	.02	.00	.20	.10	.07	.12	.25	.00	.00	.12	.12	.00	1.46
13-18	14	2	0	0	0	0	0	1	1	8	7	4	3	4	12	6	0	62
(1)	8.05	1.15	.00	.00	.00	.00	.00	.57	.57	4.60	4.02	2.30	1.72	2.30	6.90	3.45	.00	35.63
(2)	.35	.05	.00	.00	.00	.00	.00	.02	.02	.20	.17	.10	.07	.10	.30	.15	.00	1.54
19-24	2	1	0	0	0	0	0	0	0	1	0	1	1	3	2	1	0	12
(1)	1.15	.57	.00	.00	.00	.00	.00	.00	.00	.57	.00	.57	.57	1.72	1.15	.57	.00	6.90
(2)	.05	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.02	.07	.05	.02	.00	.30
GT 24	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.57	.00	.00	.57	.57	.00	.00	1.72
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02	.02	.00	.00	.07
ALL SPEEDS	36	9	10	3	5	1	0	10	5	14	15	18	5	9	21	13	0	174
(1)	20.69	5.17	5.75	1.72	2.87	.57	.00	5.75	2.87	8.05	8.62	10.34	2.87	5.17	12.07	7.47	.00	100.00
(2)	.89	.22	.25	.07	.12	.02	.00	.25	.12	.35	.37	.45	.12	.22	.52	.32	.00	4.31

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.94

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
(1)	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.00	.00	.00	.00	1.26
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.05
4-7	6	5	3	5	1	0	1	3	1	1	2	4	1	3	0	3	0	39
(1)	3.77	3.14	1.89	3.14	.63	.00	.63	1.89	.63	.63	1.26	2.52	.63	1.89	.00	1.89	.00	24.53
(2)	.15	.12	.07	.12	.02	.00	.02	.07	.02	.02	.05	.10	.02	.07	.00	.07	.00	.97
8-12	13	15	5	1	1	0	4	5	0	7	7	7	3	2	3	2	0	75
(1)	8.18	9.43	3.14	.63	.63	.00	2.52	3.14	.00	4.40	4.40	4.40	1.89	1.26	1.89	1.26	.00	47.17
(2)	.32	.37	.12	.02	.02	.00	.10	.12	.00	.17	.17	.17	.07	.05	.07	.05	.00	1.86
13-18	4	1	0	0	0	0	0	0	1	6	3	2	0	3	4	7	0	31
(1)	2.52	.63	.00	.00	.00	.00	.00	.00	.63	3.77	1.89	1.26	.00	1.89	2.52	4.40	.00	19.50
(2)	.10	.02	.00	.00	.00	.00	.00	.00	.02	.15	.07	.05	.00	.07	.10	.17	.00	.77
19-24	1	1	0	0	0	0	0	0	0	0	1	0	1	4	2	0	0	10
(1)	.63	.63	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.63	2.52	1.26	.00	.00	6.29
(2)	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.10	.05	.00	.00	.25
GT 24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.00	.00	.00	.63	.00	.00	1.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.05
ALL SPEEDS	25	22	8	6	2	0	5	8	2	15	13	14	5	12	10	12	0	159
(1)	15.72	13.84	5.03	3.77	1.26	.00	3.14	5.03	1.26	9.43	8.18	8.81	3.14	7.55	6.29	7.55	.00	100.00
(2)	.62	.54	.20	.15	.05	.00	.12	.20	.05	.37	.32	.35	.12	.30	.25	.30	.00	3.94

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.93

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	6	2	5	7	4	1	1	3	2	2	0	0	1	0	6	0	42
(1)	.14	.43	.14	.35	.50	.28	.07	.07	.21	.14	.14	.00	.00	.07	.00	.43	.00	2.98
(2)	.05	.15	.05	.12	.17	.10	.02	.02	.07	.05	.05	.00	.00	.02	.00	.15	.00	1.04
4-7	27	28	18	32	17	11	25	34	15	5	6	7	3	4	11	19	0	262
(1)	1.91	1.98	1.28	2.27	1.20	.78	1.77	2.41	1.06	.35	.43	.50	.21	.28	.78	1.35	.00	18.57
(2)	.67	.69	.45	.79	.42	.27	.62	.84	.37	.12	.15	.17	.07	.10	.27	.47	.00	6.49
8-12	55	51	41	25	12	7	23	33	17	13	15	29	8	11	36	56	0	432
(1)	3.90	3.61	2.91	1.77	.85	.50	1.63	2.34	1.20	.92	1.06	2.06	.57	.78	2.55	3.97	.00	30.62
(2)	1.36	1.26	1.02	.62	.30	.17	.57	.82	.42	.32	.37	.72	.20	.27	.89	1.39	.00	10.70
13-18	73	63	34	8	3	2	7	18	3	13	23	12	7	28	81	68	0	443
(1)	5.17	4.46	2.41	.57	.21	.14	.50	1.28	.21	.92	1.63	.85	.50	1.98	5.74	4.82	.00	31.40
(2)	1.81	1.56	.84	.20	.07	.05	.17	.45	.07	.32	.57	.30	.17	.69	2.01	1.68	.00	10.97
19-24	38	41	14	0	0	1	2	1	1	8	19	3	0	13	35	15	0	191
(1)	2.69	2.91	.99	.00	.00	.07	.14	.07	.07	.57	1.35	.21	.00	.92	2.48	1.06	.00	13.54
(2)	.94	1.02	.35	.00	.00	.02	.05	.02	.02	.20	.47	.07	.00	.32	.87	.37	.00	4.73
GT 24	3	17	3	0	0	0	0	0	0	4	2	0	0	4	7	1	0	41
(1)	.21	1.20	.21	.00	.00	.00	.00	.00	.00	.28	.14	.00	.00	.28	.50	.07	.00	2.91
(2)	.07	.42	.07	.00	.00	.00	.00	.00	.00	.10	.05	.00	.00	.10	.17	.02	.00	1.02
ALL SPEEDS	198	206	112	70	39	25	58	87	39	45	67	51	18	61	170	165	0	1411
(1)	14.03	14.60	7.94	4.96	2.76	1.77	4.11	6.17	2.76	3.19	4.75	3.61	1.28	4.32	12.05	11.69	.00	100.00
(2)	4.90	5.10	2.77	1.73	.97	.62	1.44	2.15	.97	1.11	1.66	1.26	.45	1.51	4.21	4.09	.00	34.93

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 32.19

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
C-3	1	3	2	3	3	1	3	0	1	2	0	0	0	4	0	2	0	25
(1)	.08	.23	.15	.23	.23	.08	.23	.00	.08	.15	.00	.00	.00	.31	.00	.15	.00	1.92
(2)	.02	.07	.05	.07	.07	.02	.07	.00	.02	.05	.00	.00	.00	.10	.00	.05	.00	.62
4-7	12	15	19	24	27	10	7	12	9	6	5	10	10	8	13	13	0	200
(1)	.92	1.15	1.46	1.85	2.08	.77	.54	.92	.69	.46	.38	.77	.77	.62	1.00	1.00	.00	15.38
(2)	.30	.37	.47	.59	.67	.25	.17	.30	.22	.15	.12	.25	.25	.20	.32	.32	.00	4.95
8-12	69	32	18	13	8	16	17	50	51	27	30	30	20	53	73	74	0	581
(1)	5.31	2.46	1.38	1.00	.62	1.23	1.31	3.85	3.92	2.08	2.31	2.31	1.54	4.08	5.62	5.69	.00	44.69
(2)	1.71	.79	.45	.32	.20	.40	.42	1.24	1.26	.67	.74	.74	.50	1.31	1.81	1.83	.00	14.38
13-18	29	22	3	0	1	0	5	30	52	73	47	30	15	34	46	39	0	426
(1)	2.23	1.69	.23	.00	.08	.00	.38	2.31	4.00	5.62	3.62	2.31	1.15	2.62	3.54	3.00	.00	32.77
(2)	.72	.54	.07	.00	.02	.00	.12	.74	1.29	1.81	1.16	.74	.37	.84	1.14	.97	.00	10.55
19-24	10	0	0	0	0	0	0	6	6	15	15	1	1	3	1	3	0	61
(1)	.77	.00	.00	.00	.00	.00	.00	.46	.46	1.15	1.15	.08	.08	.23	.08	.23	.00	4.69
(2)	.25	.00	.00	.00	.00	.00	.00	.15	.15	.37	.37	.02	.02	.07	.02	.07	.00	1.51
GT 24	1	0	1	0	0	0	0	0	1	1	2	0	0	0	0	0	0	6
(1)	.08	.00	.08	.00	.00	.00	.00	.00	.08	.08	.15	.00	.00	.00	.00	.00	.00	.46
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.02	.02	.05	.00	.00	.00	.00	.00	.00	.15
ALL SPEEDS	122	72	43	40	39	27	32	98	120	125	99	71	46	102	133	131	0	1300
(1)	9.38	5.54	3.31	3.08	3.00	2.08	2.46	7.54	9.23	9.62	7.62	5.46	3.54	7.85	10.23	10.08	.00	100.00
(2)	3.02	1.78	1.06	.99	.97	.67	.79	2.43	2.97	3.09	2.45	1.76	1.14	2.53	3.29	3.24	.00	32.19

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.60

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	1	2	0	2	4	2	3	2	1	1	0	2	2	0	23
(1)	.00	.00	.23	.23	.47	.00	.47	.93	.47	.70	.47	.23	.23	.00	.47	.47	.00	5.37
(2)	.00	.00	.02	.02	.05	.00	.05	.10	.05	.07	.05	.02	.02	.00	.05	.05	.00	.57
4-7	4	8	6	5	5	3	8	3	7	2	2	3	6	5	2	4	0	73
(1)	.93	1.87	1.40	1.17	1.17	.70	1.87	.70	1.64	.47	.47	.70	1.40	1.17	.47	.93	.00	17.06
(2)	.10	.20	.15	.12	.12	.07	.20	.07	.17	.05	.05	.07	.15	.12	.05	.10	.00	1.81
8-12	9	13	2	5	1	5	7	22	26	23	23	14	18	21	11	5	0	205
(1)	2.10	3.04	.47	1.17	.23	1.17	1.64	5.14	6.07	5.37	5.37	3.27	4.21	4.91	2.57	1.17	.00	47.90
(2)	.22	.32	.05	.12	.02	.12	.17	.54	.64	.57	.57	.35	.45	.52	.27	.12	.00	5.08
13-18	3	3	1	0	0	1	0	12	21	23	14	17	17	9	2	1	0	124
(1)	.70	.70	.23	.00	.00	.23	.00	2.80	4.91	5.37	3.27	3.97	3.97	2.10	.47	.23	.00	28.97
(2)	.07	.07	.02	.00	.00	.02	.00	.30	.52	.57	.35	.42	.42	.22	.05	.02	.00	3.07
19-24	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.70	.00	.00	.00	.00	.00	.00	.00	.70
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	24	10	11	8	9	17	41	56	54	41	35	42	35	17	12	0	428
(1)	3.74	5.61	2.34	2.57	1.87	2.10	3.97	9.58	13.08	12.62	9.58	8.18	9.81	8.18	3.97	2.80	.00	100.00
(2)	.40	.59	.25	.27	.20	.22	.42	1.02	1.39	1.34	1.02	.87	1.04	.87	.42	.30	.00	10.60

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.89

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	2	3	0	0	1	0	1	2	0	1	0	0	0	0	11
(1)	.00	.64	.00	1.27	1.91	.00	.00	.64	.00	.64	1.27	.00	.64	.00	.00	.00	.00	7.01
(2)	.00	.02	.00	.05	.07	.00	.00	.02	.00	.02	.05	.00	.02	.00	.00	.00	.00	.27
4-7	1	0	3	0	4	1	4	1	5	6	4	3	5	3	3	1	0	44
(1)	.64	.00	1.91	.00	2.55	.64	2.55	.64	3.18	3.82	2.55	1.91	3.18	1.91	1.91	.64	.00	28.03
(2)	.02	.00	.07	.00	.10	.02	.10	.02	.12	.15	.10	.07	.12	.07	.07	.02	.00	1.09
8-12	0	0	0	0	0	3	0	10	8	7	8	6	4	4	1	2	0	53
(1)	.00	.00	.00	.00	.00	1.91	.00	6.37	5.10	4.46	5.10	3.82	2.55	2.55	.64	1.27	.00	33.76
(2)	.00	.00	.00	.00	.00	.07	.00	.25	.20	.17	.20	.15	.10	.10	.02	.05	.00	1.31
13-18	0	3	0	0	0	0	0	5	7	8	8	12	1	3	2	0	0	49
(1)	.00	1.91	.00	.00	.00	.00	.00	3.18	4.46	5.10	5.10	7.64	.64	1.91	1.27	.00	.00	31.21
(2)	.00	.07	.00	.00	.00	.00	.00	.12	.17	.20	.20	.30	.02	.07	.05	.00	.00	1.21
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	1	4	3	2	7	4	4	17	20	22	22	21	11	10	6	3	0	157
(1)	.64	2.55	1.91	1.27	4.46	2.55	2.55	10.83	12.74	14.01	14.01	13.38	7.01	6.37	3.82	1.91	.00	100.00
(2)	.02	.10	.07	.05	.17	.10	.10	.42	.50	.54	.54	.52	.27	.25	.15	.07	.00	3.89

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-57—CCNPP 197 Feet February JFD

CC FEBRUARY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
C-3	5	10	6	12	15	5	6	7	6	8	6	2	2	5	2	10	0	107
(1)	.12	.25	.15	.30	.37	.12	.15	.17	.15	.20	.15	.05	.05	.12	.05	.25	.00	2.65
(2)	.12	.25	.15	.30	.37	.12	.15	.17	.15	.20	.15	.05	.05	.12	.05	.25	.00	2.65
4-7	62	62	57	69	61	25	45	53	37	23	28	34	26	25	31	42	0	680
(1)	1.54	1.54	1.41	1.71	1.51	.62	1.11	1.31	.92	.57	.69	.84	.64	.62	.77	1.04	.00	16.84
(2)	1.54	1.54	1.41	1.71	1.51	.62	1.11	1.31	.92	.57	.69	.84	.64	.62	.77	1.04	.00	16.84
8-12	184	139	68	44	24	33	55	139	114	97	110	122	69	102	143	151	0	1594
(1)	4.56	3.44	1.68	1.09	.59	.82	1.36	3.44	2.82	2.40	2.72	3.02	1.71	2.53	3.54	3.74	.00	39.47
(2)	4.56	3.44	1.68	1.09	.59	.82	1.36	3.44	2.82	2.40	2.72	3.02	1.71	2.53	3.54	3.74	.00	39.47
13-18	144	102	40	8	4	3	14	70	86	146	118	81	50	105	176	128	0	1275
(1)	3.57	2.53	.99	.20	.10	.07	.35	1.73	2.13	3.61	2.92	2.01	1.24	2.60	4.36	3.17	.00	31.57
(2)	3.57	2.53	.99	.20	.10	.07	.35	1.73	2.13	3.61	2.92	2.01	1.24	2.60	4.36	3.17	.00	31.57
19-24	56	44	14	0	0	1	2	7	7	35	40	5	4	32	55	22	0	324
(1)	1.39	1.09	.35	.00	.00	.02	.05	.17	.17	.87	.99	.12	.10	.79	1.36	.54	.00	8.02
(2)	1.39	1.09	.35	.00	.00	.02	.05	.17	.17	.87	.99	.12	.10	.79	1.36	.54	.00	8.02
GT 24	4	17	4	0	0	0	0	0	1	6	5	0	0	8	12	1	0	58
(1)	.10	.42	.10	.00	.00	.00	.00	.00	.02	.15	.12	.00	.00	.20	.30	.02	.00	1.44
(2)	.10	.42	.10	.00	.00	.00	.00	.00	.02	.15	.12	.00	.00	.20	.30	.02	.00	1.44
ALL SPEEDS	455	374	189	133	104	67	122	276	251	316	307	244	151	277	419	354	0	4039
(1)	11.27	9.26	4.68	3.29	2.57	1.66	3.02	6.83	6.21	7.82	7.60	6.04	3.74	6.86	10.37	8.76	.00	100.00
(2)	11.27	9.26	4.68	3.29	2.57	1.66	3.02	6.83	6.21	7.82	7.60	6.04	3.74	6.86	10.37	8.76	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.40

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	3	8	5	1	4	1	0	2	1	1	1	3	0	0	1	0	0	31
(1)	.56	1.50	.94	.19	.75	.19	.00	.38	.19	.19	.19	.56	.00	.00	.19	.00	.00	5.82
(2)	.07	.19	.12	.02	.09	.02	.00	.05	.02	.02	.02	.07	.00	.00	.02	.00	.00	.72
8-12	32	19	6	1	9	7	9	22	6	18	31	13	9	9	10	7	0	208
(1)	6.00	3.56	1.13	.19	1.69	1.31	1.69	4.13	1.13	3.38	5.82	2.44	1.69	1.69	1.88	1.31	.00	39.02
(2)	.74	.44	.14	.02	.21	.16	.21	.51	.14	.42	.72	.30	.21	.21	.23	.16	.00	4.84
13-18	13	7	2	0	2	1	5	24	3	18	37	12	14	36	42	12	0	228
(1)	2.44	1.31	.38	.00	.38	.19	.94	4.50	.56	3.38	6.94	2.25	2.63	6.75	7.88	2.25	.00	42.78
(2)	.30	.16	.05	.00	.05	.02	.12	.56	.07	.42	.86	.28	.33	.84	.98	.28	.00	5.30
19-24	1	0	1	0	0	0	1	2	0	2	8	4	2	20	17	2	0	60
(1)	.19	.00	.19	.00	.00	.00	.19	.38	.00	.38	1.50	.75	.38	3.75	3.19	.38	.00	11.26
(2)	.02	.00	.02	.00	.00	.00	.02	.05	.00	.05	.19	.09	.05	.47	.40	.05	.00	1.40
GT 24	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.38	.38	.00	.00	.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.05	.05	.00	.00	.12
ALL SPEEDS	49	34	14	3	15	9	15	50	10	39	77	33	25	67	72	21	0	533
(1)	9.19	6.38	2.63	.56	2.81	1.69	2.81	9.38	1.88	7.32	14.45	6.19	4.69	12.57	13.51	3.94	.00	100.00
(2)	1.14	.79	.33	.07	.35	.21	.35	1.16	.23	.91	1.79	.77	.58	1.56	1.67	.49	.00	12.40

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.44

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.68	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.68
(2)	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	3	6	1	1	4	1	0	0	4	1	2	0	1	0	0	0	0	24
(1)	2.03	4.05	.68	.68	2.70	.68	.00	.00	2.70	.68	1.35	.00	.68	.00	.00	.00	.00	16.22
(2)	.07	.14	.02	.02	.09	.02	.00	.00	.09	.02	.05	.00	.02	.00	.00	.00	.00	.56
8-12	6	13	2	2	3	1	6	9	1	2	7	2	2	3	2	6	0	67
(1)	4.05	8.78	1.35	1.35	2.03	.68	4.05	6.08	.68	1.35	4.73	1.35	1.35	2.03	1.35	4.05	.00	45.27
(2)	.14	.30	.05	.05	.07	.02	.14	.21	.02	.05	.16	.05	.05	.07	.05	.14	.00	1.56
13-18	2	0	1	0	0	0	4	3	0	2	6	0	2	3	7	4	0	34
(1)	1.35	.00	.68	.00	.00	.00	2.70	2.03	.00	1.35	4.05	.00	1.35	2.03	4.73	2.70	.00	22.97
(2)	.05	.00	.02	.00	.00	.00	.09	.07	.00	.05	.14	.00	.05	.07	.16	.09	.00	.79
19-24	0	1	0	0	0	0	0	1	0	1	1	0	0	9	3	2	0	18
(1)	.00	.68	.00	.00	.00	.00	.00	.68	.00	.68	.68	.00	.00	6.08	2.03	1.35	.00	12.16
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.00	.02	.02	.00	.00	.21	.07	.05	.00	.42
GT 24	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	4
(1)	.68	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.68	1.35	.00	.00	2.70
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.00	.09
ALL SPEEDS	12	20	4	3	7	2	11	13	5	6	16	2	5	16	14	12	0	148
(1)	8.11	13.51	2.70	2.03	4.73	1.35	7.43	8.78	3.38	4.05	10.81	1.35	3.38	10.81	9.46	8.11	.00	100.00
(2)	.28	.47	.09	.07	.16	.05	.26	.30	.12	.14	.37	.05	.12	.37	.33	.28	.00	3.44

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.21

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	.00	.00	.00	.00	.00	.55
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
4-7	7	6	8	3	3	3	1	0	2	2	4	2	2	2	0	1	0	46
(1)	3.87	3.31	4.42	1.66	1.66	1.66	.55	.00	1.10	1.10	2.21	1.10	1.10	1.10	.00	.55	.00	25.41
(2)	.16	.14	.19	.07	.07	.07	.02	.00	.05	.05	.09	.05	.05	.05	.00	.02	.00	1.07
8-12	9	6	4	2	2	4	3	9	4	5	2	7	1	2	4	6	0	70
(1)	4.97	3.31	2.21	1.10	1.10	2.21	1.66	4.97	2.21	2.76	1.10	3.87	.55	1.10	2.21	3.31	.00	38.67
(2)	.21	.14	.09	.05	.05	.09	.07	.21	.09	.12	.05	.16	.02	.05	.09	.14	.00	1.63
13-18	2	2	2	0	0	0	1	8	1	1	2	1	4	3	8	5	0	40
(1)	1.10	1.10	1.10	.00	.00	.00	.55	4.42	.55	.55	1.10	.55	2.21	1.66	4.42	2.76	.00	22.10
(2)	.05	.05	.05	.00	.00	.00	.02	.19	.02	.02	.05	.02	.09	.07	.19	.12	.00	.93
19-24	2	1	1	0	0	0	0	1	0	1	1	0	0	4	8	2	0	21
(1)	1.10	.55	.55	.00	.00	.00	.00	.55	.00	.55	.55	.00	.00	2.21	4.42	1.10	.00	11.60
(2)	.05	.02	.02	.00	.00	.00	.00	.02	.00	.02	.02	.00	.00	.09	.19	.05	.00	.49
GT 24	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3
(1)	.55	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.10	.00	.00	1.66
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.07
ALL SPEEDS	21	15	15	5	5	7	5	18	7	9	9	11	7	11	22	14	0	181
(1)	11.60	8.29	8.29	2.76	2.76	3.87	2.76	9.94	3.87	4.97	4.97	6.08	3.87	6.08	12.15	7.73	.00	100.00
(2)	.49	.35	.35	.12	.12	.16	.12	.42	.16	.21	.21	.26	.16	.26	.51	.33	.00	4.21

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 37.65

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	7	4	5	4	4	4	1	1	2	0	4	6	3	3	2	1	0	51
(1)	.43	.25	.31	.25	.25	.25	.06	.06	.12	.00	.25	.37	.19	.19	.12	.06	.00	3.15
(2)	.16	.09	.12	.09	.09	.09	.02	.02	.05	.00	.09	.14	.07	.07	.05	.02	.00	1.19
4-7	26	41	29	39	34	17	23	20	10	10	11	9	4	2	11	13	0	299
(1)	1.61	2.53	1.79	2.41	2.10	1.05	1.42	1.24	.62	.62	.68	.56	.25	.12	.68	.80	.00	18.47
(2)	.60	.95	.67	.91	.79	.40	.53	.47	.23	.23	.26	.21	.09	.05	.26	.30	.00	6.95
8-12	52	41	29	54	34	28	42	56	22	17	11	17	10	15	24	41	0	493
(1)	3.21	2.53	1.79	3.34	2.10	1.73	2.59	3.46	1.36	1.05	.68	1.05	.62	.93	1.48	2.53	.00	30.45
(2)	1.21	.95	.67	1.26	.79	.65	.98	1.30	.51	.40	.26	.40	.23	.35	.56	.95	.00	11.47
13-18	62	28	37	35	6	3	15	48	10	15	30	12	6	33	82	59	0	481
(1)	3.83	1.73	2.29	2.16	.37	.19	.93	2.96	.62	.93	1.85	.74	.37	2.04	5.06	3.64	.00	29.71
(2)	1.44	.65	.86	.81	.14	.07	.35	1.12	.23	.35	.70	.28	.14	.77	1.91	1.37	.00	11.19
19-24	50	34	21	10	0	3	0	14	1	6	9	1	5	17	40	23	0	234
(1)	3.09	2.10	1.30	.62	.00	.19	.00	.86	.06	.37	.56	.06	.31	1.05	2.47	1.42	.00	14.45
(2)	1.16	.79	.49	.23	.00	.07	.00	.33	.02	.14	.21	.02	.12	.40	.93	.53	.00	5.44
GT 24	18	8	3	8	0	0	0	4	0	0	0	0	0	10	8	2	0	61
(1)	1.11	.49	.19	.49	.00	.00	.00	.25	.00	.00	.00	.00	.00	.62	.49	.12	.00	3.77
(2)	.42	.19	.07	.19	.00	.00	.00	.09	.00	.00	.00	.00	.00	.23	.19	.05	.00	1.42
ALL SPEEDS	215	156	124	150	78	55	81	143	45	48	65	45	28	80	167	139	0	1619
(1)	13.28	9.64	7.66	9.26	4.82	3.40	5.00	8.83	2.78	2.96	4.01	2.78	1.73	4.94	10.32	8.59	.00	100.00
(2)	5.00	3.63	2.88	3.49	1.81	1.28	1.88	3.33	1.05	1.12	1.51	1.05	.65	1.86	3.88	3.23	.00	37.65

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.91

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	6	5	3	4	1	1	6	2	1	2	0	1	1	3	1	0	39
(1)	.16	.48	.40	.24	.32	.08	.08	.48	.16	.08	.16	.00	.08	.08	.24	.08	.00	3.14
(2)	.05	.14	.12	.07	.09	.02	.02	.14	.05	.02	.05	.00	.02	.02	.07	.02	.00	.91
4-7	14	14	24	12	19	10	4	4	9	5	10	5	3	8	8	16	0	165
(1)	1.13	1.13	1.93	.97	1.53	.80	.32	.32	.72	.40	.80	.40	.24	.64	.64	1.29	.00	13.27
(2)	.33	.33	.56	.28	.44	.23	.09	.09	.21	.12	.23	.12	.07	.19	.19	.37	.00	3.84
8-12	47	19	20	9	11	13	16	49	41	19	19	13	17	48	61	71	0	473
(1)	3.78	1.53	1.61	.72	.88	1.05	1.29	3.94	3.30	1.53	1.53	1.05	1.37	3.86	4.91	5.71	.00	38.05
(2)	1.09	.44	.47	.21	.26	.30	.37	1.14	.95	.44	.44	.30	.40	1.12	1.42	1.65	.00	11.00
13-18	34	17	4	2	2	7	4	52	63	64	58	17	15	25	50	42	0	456
(1)	2.74	1.37	.32	.16	.16	.56	.32	4.18	5.07	5.15	4.67	1.37	1.21	2.01	4.02	3.38	.00	36.69
(2)	.79	.40	.09	.05	.05	.16	.09	1.21	1.47	1.49	1.35	.40	.35	.58	1.16	.98	.00	10.60
19-24	18	2	0	0	0	2	2	9	7	22	20	1	2	2	6	2	0	95
(1)	1.45	.16	.00	.00	.00	.16	.16	.72	.56	1.77	1.61	.08	.16	.16	.48	.16	.00	7.64
(2)	.42	.05	.00	.00	.00	.05	.05	.21	.16	.51	.47	.02	.05	.05	.14	.05	.00	2.21
GT 24	2	3	0	0	0	0	2	2	1	1	1	0	0	3	0	0	0	15
(1)	.16	.24	.00	.00	.00	.00	.16	.16	.08	.08	.08	.00	.00	.24	.00	.00	.00	1.21
(2)	.05	.07	.00	.00	.00	.00	.05	.05	.02	.02	.02	.00	.00	.07	.00	.00	.00	.35
ALL SPEEDS	117	61	53	26	36	33	29	122	123	112	110	36	38	87	128	132	0	1243
(1)	9.41	4.91	4.26	2.09	2.90	2.65	2.33	9.81	9.90	9.01	8.85	2.90	3.06	7.00	10.30	10.62	.00	100.00
(2)	2.72	1.42	1.23	.60	.84	.77	.67	2.84	2.86	2.60	2.56	.84	.88	2.02	2.98	3.07	.00	28.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 9.63

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	0	1	0	1	3	2	2	0	2	0	0	2	1	2	0	0	18
(1)	.48	.00	.24	.00	.24	.72	.48	.48	.00	.48	.00	.00	.48	.24	.48	.00	.00	4.35
(2)	.05	.00	.02	.00	.02	.07	.05	.05	.00	.05	.00	.00	.05	.02	.05	.00	.00	.42
4-7	8	7	6	7	9	4	5	4	4	3	4	5	5	6	4	4	0	85
(1)	1.93	1.69	1.45	1.69	2.17	.97	1.21	.97	.97	.72	.97	1.21	1.21	1.45	.97	.97	.00	20.53
(2)	.19	.16	.14	.16	.21	.09	.12	.09	.09	.07	.09	.12	.12	.14	.09	.09	.00	1.98
8-12	8	8	12	4	1	4	2	4	15	18	14	8	14	12	11	13	0	148
(1)	1.93	1.93	2.90	.97	.24	.97	.48	.97	3.62	4.35	3.38	1.93	3.38	2.90	2.66	3.14	.00	35.75
(2)	.19	.19	.28	.09	.02	.09	.05	.09	.35	.42	.33	.19	.33	.28	.26	.30	.00	3.44
13-18	5	3	7	8	3	0	3	10	34	23	22	12	8	2	16	3	0	159
(1)	1.21	.72	1.69	1.93	.72	.00	.72	2.42	8.21	5.56	5.31	2.90	1.93	.48	3.86	.72	.00	38.41
(2)	.12	.07	.16	.19	.07	.00	.07	.23	.79	.53	.51	.28	.19	.05	.37	.07	.00	3.70
19-24	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	4
(1)	.24	.00	.24	.24	.00	.00	.00	.00	.00	.24	.00	.00	.00	.00	.00	.00	.00	.97
(2)	.02	.00	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	24	18	27	20	14	11	12	20	53	47	40	25	29	21	33	20	0	414
(1)	5.80	4.35	6.52	4.83	3.38	2.66	2.90	4.83	12.80	11.35	9.66	6.04	7.00	5.07	7.97	4.83	.00	100.00
(2)	.56	.42	.63	.47	.33	.26	.28	.47	1.23	1.09	.93	.58	.67	.49	.77	.47	.00	9.63

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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 3.77

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	1	2	1	0	0	0	1	1	1	0	0	1	0	0	10
(1)	.62	.00	.62	.62	1.23	.62	.00	.00	.00	.62	.62	.62	.00	.00	.62	.00	.00	6.17
(2)	.02	.00	.02	.02	.05	.02	.00	.00	.00	.02	.02	.02	.00	.00	.02	.00	.00	.23
4-7	4	2	2	1	5	4	2	3	3	2	1	3	0	5	3	2	0	42
(1)	2.47	1.23	1.23	.62	3.09	2.47	1.23	1.85	1.85	1.23	.62	1.85	.00	3.09	1.85	1.23	.00	25.93
(2)	.09	.05	.05	.02	.12	.09	.05	.07	.07	.05	.02	.07	.00	.12	.07	.05	.00	.98
8-12	1	2	1	1	2	2	4	3	11	9	3	10	5	1	5	1	0	61
(1)	.62	1.23	.62	.62	1.23	1.23	2.47	1.85	6.79	5.56	1.85	6.17	3.09	.62	3.09	.62	.00	37.65
(2)	.02	.05	.02	.02	.05	.05	.09	.07	.26	.21	.07	.23	.12	.02	.12	.02	.00	1.42
13-18	0	1	1	0	0	0	0	3	7	12	2	6	6	3	4	0	0	45
(1)	.00	.62	.62	.00	.00	.00	.00	1.85	4.32	7.41	1.23	3.70	3.70	1.85	2.47	.00	.00	27.78
(2)	.00	.02	.02	.00	.00	.00	.00	.07	.16	.28	.05	.14	.14	.07	.09	.00	.00	1.05
19-24	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	0	4
(1)	.00	.00	.00	.62	.00	.00	.00	.00	.00	.00	.00	.00	.62	1.23	.00	.00	.00	2.47
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	6	5	5	4	9	7	6	9	21	24	7	20	12	11	13	3	0	162
(1)	3.70	3.09	3.09	2.47	5.56	4.32	3.70	5.56	12.96	14.81	4.32	12.35	7.41	6.79	8.02	1.85	.00	100.00
(2)	.14	.12	.12	.09	.21	.16	.14	.21	.49	.56	.16	.47	.28	.26	.30	.07	.00	3.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-58—CCNPP 197' March JFD

CC MARCH MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	12	10	12	9	11	9	5	9	4	4	7	8	6	5	8	2	0	121
(1)	.28	.23	.28	.21	.26	.21	.12	.21	.09	.09	.16	.19	.14	.12	.19	.05	.00	2.81
(2)	.28	.23	.28	.21	.26	.21	.12	.21	.09	.09	.16	.19	.14	.12	.19	.05	.00	2.81
4-7	65	84	75	64	78	40	35	33	33	24	33	27	15	23	27	36	0	692
(1)	1.51	1.95	1.74	1.49	1.81	.93	.81	.77	.77	.56	.77	.63	.35	.53	.63	.84	.00	16.09
(2)	1.51	1.95	1.74	1.49	1.81	.93	.81	.77	.77	.56	.77	.63	.35	.53	.63	.84	.00	16.09
8-12	155	108	74	73	62	59	82	152	100	88	87	70	58	90	117	145	0	1520
(1)	3.60	2.51	1.72	1.70	1.44	1.37	1.91	3.53	2.33	2.05	2.02	1.63	1.35	2.09	2.72	3.37	.00	35.35
(2)	3.60	2.51	1.72	1.70	1.44	1.37	1.91	3.53	2.33	2.05	2.02	1.63	1.35	2.09	2.72	3.37	.00	35.35
13-18	118	58	54	45	13	11	32	148	118	135	157	60	55	105	209	125	0	1443
(1)	2.74	1.35	1.26	1.05	.30	.26	.74	3.44	2.74	3.14	3.65	1.40	1.28	2.44	4.86	2.91	.00	33.56
(2)	2.74	1.35	1.26	1.05	.30	.26	.74	3.44	2.74	3.14	3.65	1.40	1.28	2.44	4.86	2.91	.00	33.56
19-24	72	38	24	12	0	5	3	27	8	33	39	6	10	54	74	31	0	436
(1)	1.67	.88	.56	.28	.00	.12	.07	.63	.19	.77	.91	.14	.23	1.26	1.72	.72	.00	10.14
(2)	1.67	.88	.56	.28	.00	.12	.07	.63	.19	.77	.91	.14	.23	1.26	1.72	.72	.00	10.14
GT 24	22	11	3	8	0	0	2	6	1	1	1	1	0	16	14	2	0	88
(1)	.51	.26	.07	.19	.00	.00	.05	.14	.02	.02	.02	.02	.00	.37	.33	.05	.00	2.05
(2)	.51	.26	.07	.19	.00	.00	.05	.14	.02	.02	.02	.02	.00	.37	.33	.05	.00	2.05
ALL SPEEDS	444	309	242	211	164	124	159	375	264	285	324	172	144	293	449	341	0	4300
(1)	10.33	7.19	5.63	4.91	3.81	2.88	3.70	8.72	6.14	6.63	7.53	4.00	3.35	6.81	10.44	7.93	.00	100.00
(2)	10.33	7.19	5.63	4.91	3.81	2.88	3.70	8.72	6.14	6.63	7.53	4.00	3.35	6.81	10.44	7.93	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.16

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
(2)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	2	2	6	2	2	1	1	2	1	2	2	6	2	1	1	0	0	33
(1)	.40	.40	1.20	.40	.40	.20	.20	.40	.20	.40	.40	1.20	.40	.20	.20	.00	.00	6.63
(2)	.05	.05	.15	.05	.05	.02	.02	.05	.02	.05	.05	.15	.05	.02	.02	.00	.00	.81
8-12	24	30	7	4	5	5	9	15	4	11	21	25	9	8	8	2	0	187
(1)	4.82	6.02	1.41	.80	1.00	1.00	1.81	3.01	.80	2.21	4.22	5.02	1.81	1.61	1.61	.40	.00	37.55
(2)	.59	.73	.17	.10	.12	.12	.22	.37	.10	.27	.51	.61	.22	.20	.20	.05	.00	4.57
13-18	22	25	1	1	2	3	7	17	3	22	45	15	7	16	17	3	0	206
(1)	4.42	5.02	.20	.20	.40	.60	1.41	3.41	.60	4.42	9.04	3.01	1.41	3.21	3.41	.60	.00	41.37
(2)	.54	.61	.02	.02	.05	.07	.17	.42	.07	.54	1.10	.37	.17	.39	.42	.07	.00	5.03
19-24	6	5	1	1	0	0	0	3	0	4	3	3	5	11	10	0	0	52
(1)	1.20	1.00	.20	.20	.00	.00	.00	.60	.00	.80	.60	.60	1.00	2.21	2.01	.00	.00	10.44
(2)	.15	.12	.02	.02	.00	.00	.00	.07	.00	.10	.07	.07	.12	.27	.24	.00	.00	1.27
GT 24	0	2	0	0	0	0	0	0	0	5	1	0	2	5	4	0	0	19
(1)	.00	.40	.00	.00	.00	.00	.00	.00	.00	1.00	.20	.00	.40	1.00	.80	.00	.00	3.82
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.12	.02	.00	.05	.12	.10	.00	.00	.46
ALL SPEEDS	54	64	16	8	9	9	17	37	8	44	72	49	25	41	40	5	0	498
(1)	10.84	12.85	3.21	1.61	1.81	1.81	3.41	7.43	1.61	8.84	14.46	9.84	5.02	8.23	8.03	1.00	.00	100.00
(2)	1.32	1.56	.39	.20	.22	.22	.42	.90	.20	1.07	1.76	1.20	.61	1.00	.98	.12	.00	12.16

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.10

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	7	6	5	5	7	2	2	0	0	1	2	4	1	2	1	0	0	45
(1)	4.17	3.57	2.98	2.98	4.17	1.19	1.19	.00	.00	.60	1.19	2.38	.60	1.19	.60	.00	.00	26.79
(2)	.17	.15	.12	.12	.17	.05	.05	.00	.00	.02	.05	.10	.02	.05	.02	.00	.00	1.10
8-12	8	6	5	3	0	1	3	6	3	4	3	4	3	1	1	1	0	52
(1)	4.76	3.57	2.98	1.79	.00	.60	1.79	3.57	1.79	2.38	1.79	2.38	1.79	.60	.60	.60	.00	30.95
(2)	.20	.15	.12	.07	.00	.02	.07	.15	.07	.10	.07	.10	.07	.02	.02	.02	.00	1.27
13-18	5	4	5	2	0	2	1	9	0	4	6	4	0	3	3	2	0	50
(1)	2.98	2.38	2.98	1.19	.00	1.19	.60	5.36	.00	2.38	3.57	2.38	.00	1.79	1.79	1.19	.00	29.76
(2)	.12	.10	.12	.05	.00	.05	.02	.22	.00	.10	.15	.10	.00	.07	.07	.05	.00	1.22
19-24	2	1	0	2	0	0	0	2	0	4	2	0	1	2	2	0	0	18
(1)	1.19	.60	.00	1.19	.00	.00	.00	1.19	.00	2.38	1.19	.00	.60	1.19	1.19	.00	.00	10.71
(2)	.05	.02	.00	.05	.00	.00	.00	.05	.00	.10	.05	.00	.02	.05	.05	.00	.00	.44
GT 24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.60	.00	.00	.00	.00	.00	.00	.60	.60	.00	1.79
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.02	.00	.07
ALL SPEEDS	22	17	15	12	7	5	6	18	3	13	13	12	5	8	8	4	0	168
(1)	13.10	10.12	8.93	7.14	4.17	2.98	3.57	10.71	1.79	7.74	7.74	7.14	2.98	4.76	4.76	2.38	.00	100.00
(2)	.54	.42	.37	.29	.17	.12	.15	.44	.07	.32	.32	.29	.12	.20	.20	.10	.00	4.10

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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.32

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.00	.00	.00	.00	.00	.92
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.05
4-7	5	8	10	6	8	0	1	1	0	1	3	1	0	0	0	0	0	44
(1)	2.29	3.67	4.59	2.75	3.67	.00	.46	.46	.00	.46	1.38	.46	.00	.00	.00	.00	.00	20.18
(2)	.12	.20	.24	.15	.20	.00	.02	.02	.00	.02	.07	.02	.00	.00	.00	.00	.00	1.07
8-12	14	10	4	2	3	4	4	8	1	4	6	4	5	2	2	1	0	74
(1)	6.42	4.59	1.83	.92	1.38	1.83	1.83	3.67	.46	1.83	2.75	1.83	2.29	.92	.92	.46	.00	33.94
(2)	.34	.24	.10	.05	.07	.10	.10	.20	.02	.10	.15	.10	.12	.05	.05	.02	.00	1.81
13-18	9	4	3	4	0	0	2	8	0	9	6	7	2	5	8	3	0	70
(1)	4.13	1.83	1.38	1.83	.00	.00	.92	3.67	.00	4.13	2.75	3.21	.92	2.29	3.67	1.38	.00	32.11
(2)	.22	.10	.07	.10	.00	.00	.05	.20	.00	.22	.15	.17	.05	.12	.20	.07	.00	1.71
19-24	3	4	2	3	0	0	0	1	0	3	2	0	0	1	3	1	0	23
(1)	1.38	1.83	.92	1.38	.00	.00	.00	.46	.00	1.38	.92	.00	.00	.46	1.38	.46	.00	10.55
(2)	.07	.10	.05	.07	.00	.00	.00	.02	.00	.07	.05	.00	.00	.02	.07	.02	.00	.56
GT 24	0	1	1	0	0	0	0	0	0	0	0	0	0	2	1	0	0	5
(1)	.00	.46	.46	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.92	.46	.00	.00	2.29
(2)	.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05	.02	.00	.00	.12
ALL SPEEDS	31	27	20	15	11	4	7	18	1	17	17	14	7	10	14	5	0	218
(1)	14.22	12.39	9.17	6.88	5.05	1.83	3.21	8.26	.46	7.80	7.80	6.42	3.21	4.59	6.42	2.29	.00	100.00
(2)	.76	.66	.49	.37	.27	.10	.17	.44	.02	.42	.42	.34	.17	.24	.34	.12	.00	5.32

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 39.77

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	2	7	4	12	5	4	2	1	3	1	0	1	2	2	5	0	53
(1)	.12	.12	.43	.25	.74	.31	.25	.12	.06	.18	.06	.00	.06	.12	.12	.31	.00	3.26
(2)	.05	.05	.17	.10	.29	.12	.10	.05	.02	.07	.02	.00	.02	.05	.05	.12	.00	1.29
4-7	38	27	35	42	36	18	16	19	11	4	13	5	9	8	8	12	0	301
(1)	2.33	1.66	2.15	2.58	2.21	1.11	.98	1.17	.68	.25	.80	.31	.55	.49	.49	.74	.00	18.49
(2)	.93	.66	.85	1.03	.88	.44	.39	.46	.27	.10	.32	.12	.22	.20	.20	.29	.00	7.35
8-12	60	69	39	40	44	31	34	61	26	20	25	23	15	19	38	39	0	583
(1)	3.69	4.24	2.40	2.46	2.70	1.90	2.09	3.75	1.60	1.23	1.54	1.41	.92	1.17	2.33	2.40	.00	35.81
(2)	1.47	1.69	.95	.98	1.07	.76	.83	1.49	.64	.49	.61	.56	.37	.46	.93	.95	.00	14.24
13-18	41	48	52	33	7	5	28	51	15	23	29	18	4	21	31	63	0	469
(1)	2.52	2.95	3.19	2.03	.43	.31	1.72	3.13	.92	1.41	1.78	1.11	.25	1.29	1.90	3.87	.00	28.81
(2)	1.00	1.17	1.27	.81	.17	.12	.68	1.25	.37	.56	.71	.44	.10	.51	.76	1.54	.00	11.46
19-24	14	32	25	14	0	0	1	24	5	6	3	1	3	23	15	16	0	182
(1)	.86	1.97	1.54	.86	.00	.00	.06	1.47	.31	.37	.18	.06	.18	1.41	.92	.98	.00	11.18
(2)	.34	.78	.61	.34	.00	.00	.02	.59	.12	.15	.07	.02	.07	.56	.37	.39	.00	4.45
GT 24	8	13	10	0	0	0	0	1	0	2	0	0	0	5	0	1	0	40
(1)	.49	.80	.61	.00	.00	.00	.00	.06	.00	.12	.00	.00	.00	.31	.00	.06	.00	2.46
(2)	.20	.32	.24	.00	.00	.00	.00	.02	.00	.05	.00	.00	.00	.12	.00	.02	.00	.98
ALL SPEEDS	163	191	168	133	99	59	83	158	58	58	71	47	32	78	94	136	0	1628
(1)	10.01	11.73	10.32	8.17	6.08	3.62	5.10	9.71	3.56	3.56	4.36	2.89	1.97	4.79	5.77	8.35	.00	100.00
(2)	3.98	4.67	4.10	3.25	2.42	1.44	2.03	3.86	1.42	1.42	1.73	1.15	.78	1.91	2.30	3.32	.00	39.77

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 26.21

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	4	3	5	2	2	1	4	3	5	2	0	3	2	4	1	0	42
(1)	.09	.37	.28	.47	.19	.19	.09	.37	.28	.47	.19	.00	.28	.19	.37	.09	.00	3.91
(2)	.02	.10	.07	.12	.05	.05	.02	.10	.07	.12	.05	.00	.07	.05	.10	.02	.00	1.03
4-7	8	18	12	8	12	5	7	5	8	16	5	5	5	5	5	5	0	129
(1)	.75	1.68	1.12	.75	1.12	.47	.65	.47	.75	1.49	.47	.47	.47	.47	.47	.47	.00	12.02
(2)	.20	.44	.29	.20	.29	.12	.17	.12	.20	.39	.12	.12	.12	.12	.12	.12	.00	3.15
8-12	40	31	23	14	9	9	8	24	25	27	25	15	17	33	50	34	0	384
(1)	3.73	2.89	2.14	1.30	.84	.84	.75	2.24	2.33	2.52	2.33	1.40	1.58	3.08	4.66	3.17	.00	35.79
(2)	.98	.76	.56	.34	.22	.22	.20	.59	.61	.66	.61	.37	.42	.81	1.22	.83	.00	9.38
13-18	26	21	4	1	0	1	3	39	69	94	51	30	13	22	21	32	0	427
(1)	2.42	1.96	.37	.09	.00	.09	.28	3.63	6.43	8.76	4.75	2.80	1.21	2.05	1.96	2.98	.00	39.79
(2)	.64	.51	.10	.02	.00	.02	.07	.95	1.69	2.30	1.25	.73	.32	.54	.51	.78	.00	10.43
19-24	5	11	1	0	0	0	0	3	10	26	18	0	3	4	1	3	0	85
(1)	.47	1.03	.09	.00	.00	.00	.00	.28	.93	2.42	1.68	.00	.28	.37	.09	.28	.00	7.92
(2)	.12	.27	.02	.00	.00	.00	.00	.07	.24	.64	.44	.00	.07	.10	.02	.07	.00	2.08
GT 24	1	1	1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	6
(1)	.09	.09	.09	.00	.00	.00	.00	.00	.00	.09	.00	.09	.00	.09	.00	.00	.00	.56
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.02	.00	.00	.00	.15
ALL SPEEDS	81	86	44	28	23	17	19	75	115	169	101	51	41	67	81	75	0	1073
(1)	7.55	8.01	4.10	2.61	2.14	1.58	1.77	6.99	10.72	15.75	9.41	4.75	3.82	6.24	7.55	6.99	.00	100.00
(2)	1.98	2.10	1.07	.68	.56	.42	.46	1.83	2.81	4.13	2.47	1.25	1.00	1.64	1.98	1.83	.00	26.21

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 7.72

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	2	1	2	1	1	2	2	0	0	1	0	0	0	0	1	0	13
(1)	.00	.63	.32	.63	.32	.32	.63	.63	.00	.00	.32	.00	.00	.00	.00	.32	.00	4.11
(2)	.00	.05	.02	.05	.02	.02	.05	.05	.00	.00	.02	.00	.00	.00	.00	.02	.00	.32
4-7	1	2	5	2	3	4	3	1	1	2	1	3	2	3	2	2	0	37
(1)	.32	.63	1.58	.63	.95	1.27	.95	.32	.32	.63	.32	.95	.63	.95	.63	.63	.00	11.71
(2)	.02	.05	.12	.05	.07	.10	.07	.02	.02	.05	.02	.07	.05	.07	.05	.05	.00	.90
8-12	2	6	1	0	2	3	5	8	8	12	14	4	7	7	13	7	0	99
(1)	.63	1.90	.32	.00	.63	.95	1.58	2.53	2.53	3.80	4.43	1.27	2.22	2.22	4.11	2.22	.00	31.33
(2)	.05	.15	.02	.00	.05	.07	.12	.20	.20	.29	.34	.10	.17	.17	.32	.17	.00	2.42
13-18	5	3	2	1	0	0	2	7	24	36	30	27	2	5	8	1	0	153
(1)	1.58	.95	.63	.32	.00	.00	.63	2.22	7.59	11.39	9.49	8.54	.63	1.58	2.53	.32	.00	48.42
(2)	.12	.07	.05	.02	.00	.00	.05	.17	.59	.88	.73	.66	.05	.12	.20	.02	.00	3.74
19-24	0	2	0	2	0	0	0	0	0	3	5	0	0	0	0	0	0	12
(1)	.00	.63	.00	.63	.00	.00	.00	.00	.00	.95	1.58	.00	.00	.00	.00	.00	.00	3.80
(2)	.00	.05	.00	.05	.00	.00	.00	.00	.00	.07	.12	.00	.00	.00	.00	.00	.00	.29
GT 24	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.63	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
ALL SPEEDS	8	17	9	7	6	8	12	18	33	53	51	34	11	15	23	11	0	316
(1)	2.53	5.38	2.85	2.22	1.90	2.53	3.80	5.70	10.44	16.77	16.14	10.76	3.48	4.75	7.28	3.48	.00	100.00
(2)	.20	.42	.22	.17	.15	.20	.29	.44	.81	1.29	1.25	.83	.27	.37	.56	.27	.00	7.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 4.71

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	1	0	0	2	4	0	1	1	0	1	2	1	0	2	0	15
(1)	.00	.00	.52	.00	.00	1.04	2.07	.00	.52	.52	.00	.52	1.04	.52	.00	1.04	.00	7.77
(2)	.00	.00	.02	.00	.00	.05	.10	.00	.02	.02	.00	.02	.05	.02	.00	.05	.00	.37
4-7	0	2	1	0	0	2	3	1	2	3	4	2	7	2	3	1	0	33
(1)	.00	1.04	.52	.00	.00	1.04	1.55	.52	1.04	1.55	2.07	1.04	3.63	1.04	1.55	.52	.00	17.10
(2)	.00	.05	.02	.00	.00	.05	.07	.02	.05	.07	.10	.05	.17	.05	.07	.02	.00	.81
8-12	1	1	1	0	0	0	2	4	12	15	7	8	9	8	2	1	0	71
(1)	.52	.52	.52	.00	.00	.00	1.04	2.07	6.22	7.77	3.63	4.15	4.66	4.15	1.04	.52	.00	36.79
(2)	.02	.02	.02	.00	.00	.00	.05	.10	.29	.37	.17	.20	.22	.20	.05	.02	.00	1.73
13-18	0	0	7	3	0	0	0	0	7	17	10	7	3	1	2	0	0	57
(1)	.00	.00	3.63	1.55	.00	.00	.00	.00	3.63	8.81	5.18	3.63	1.55	.52	1.04	.00	.00	29.53
(2)	.00	.00	.17	.07	.00	.00	.00	.00	.17	.42	.24	.17	.07	.02	.05	.00	.00	1.39
19-24	0	0	7	0	0	0	0	0	0	1	0	1	0	0	0	0	0	9
(1)	.00	.00	3.63	.00	.00	.00	.00	.00	.00	.52	.00	.52	.00	.00	.00	.00	.00	4.66
(2)	.00	.00	.17	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.22
GT 24	0	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
(1)	.00	1.04	3.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	4.15
(2)	.00	.05	.15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20
ALL SPEEDS	1	5	23	3	0	4	9	5	22	37	21	19	21	12	7	4	0	193
(1)	.52	2.59	11.92	1.55	.00	2.07	4.66	2.59	11.40	19.17	10.88	9.84	10.88	6.22	3.63	2.07	.00	100.00
(2)	.02	.12	.56	.07	.00	.10	.22	.12	.54	.90	.51	.46	.51	.29	.17	.10	.00	4.71

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-59—CCNPP 197' April JFD

CC APRIL MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	8	13	11	15	10	11	8	5	9	4	3	6	5	6	9	0	126
(1)	.07	.20	.32	.27	.37	.24	.27	.20	.12	.22	.10	.07	.15	.12	.15	.22	.00	3.08
(2)	.07	.20	.32	.27	.37	.24	.27	.20	.12	.22	.10	.07	.15	.12	.15	.22	.00	3.08
4-7	61	65	74	65	68	32	33	29	23	29	30	26	26	21	20	20	0	622
(1)	1.49	1.59	1.81	1.59	1.66	.78	.81	.71	.56	.71	.73	.64	.64	.51	.49	.49	.00	15.19
(2)	1.49	1.59	1.81	1.59	1.66	.78	.81	.71	.56	.71	.73	.64	.64	.51	.49	.49	.00	15.19
8-12	149	153	80	63	63	53	65	126	79	93	101	83	65	78	114	85	0	1450
(1)	3.64	3.74	1.95	1.54	1.54	1.29	1.59	3.08	1.93	2.27	2.47	2.03	1.59	1.91	2.78	2.08	.00	35.42
(2)	3.64	3.74	1.95	1.54	1.54	1.29	1.59	3.08	1.93	2.27	2.47	2.03	1.59	1.91	2.78	2.08	.00	35.42
13-18	108	105	74	45	9	11	43	131	118	205	177	108	31	73	90	104	0	1432
(1)	2.64	2.56	1.81	1.10	.22	.27	1.05	3.20	2.88	5.01	4.32	2.64	.76	1.78	2.20	2.54	.00	34.98
(2)	2.64	2.56	1.81	1.10	.22	.27	1.05	3.20	2.88	5.01	4.32	2.64	.76	1.78	2.20	2.54	.00	34.98
19-24	30	55	36	22	0	0	1	33	15	47	33	5	12	41	31	20	0	381
(1)	.73	1.34	.88	.54	.00	.00	.02	.81	.37	1.15	.81	.12	.29	1.00	.76	.49	.00	9.31
(2)	.73	1.34	.88	.54	.00	.00	.02	.81	.37	1.15	.81	.12	.29	1.00	.76	.49	.00	9.31
GT 24	9	21	18	0	0	0	0	2	0	8	1	1	2	13	6	2	0	83
(1)	.22	.51	.44	.00	.00	.00	.00	.05	.00	.20	.02	.02	.05	.32	.15	.05	.00	2.03
(2)	.22	.51	.44	.00	.00	.00	.00	.05	.00	.20	.02	.02	.05	.32	.15	.05	.00	2.03
ALL SPEEDS	360	407	295	206	155	106	153	329	240	391	346	226	142	231	267	240	0	4094
(1)	8.79	9.94	7.21	5.03	3.79	2.59	3.74	8.04	5.86	9.55	8.45	5.52	3.47	5.64	6.52	5.86	.00	100.00
(2)	8.79	9.94	7.21	5.03	3.79	2.59	3.74	8.04	5.86	9.55	8.45	5.52	3.47	5.64	6.52	5.86	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.37

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	7	19	13	12	15	9	5	5	5	7	13	7	1	0	2	2	0	122
(1)	1.18	3.19	2.18	2.02	2.52	1.51	.84	.84	.84	1.18	2.18	1.18	.17	.00	.34	.34	.00	20.50
(2)	.16	.43	.29	.27	.34	.20	.11	.11	.11	.16	.29	.16	.02	.00	.04	.04	.00	2.74
8-12	28	38	8	6	11	18	27	27	15	25	44	27	11	9	2	5	0	301
(1)	4.71	6.39	1.34	1.01	1.85	3.03	4.54	4.54	2.52	4.20	7.39	4.54	1.85	1.51	.34	.84	.00	50.59
(2)	.63	.85	.18	.13	.25	.40	.61	.61	.34	.56	.99	.61	.25	.20	.04	.11	.00	6.76
13-18	10	3	1	0	1	1	7	16	4	18	44	9	6	9	9	5	0	143
(1)	1.68	.50	.17	.00	.17	.17	1.18	2.69	.67	3.03	7.39	1.51	1.01	1.51	1.51	.84	.00	24.03
(2)	.22	.07	.02	.00	.02	.02	.16	.36	.09	.40	.99	.20	.13	.20	.20	.11	.00	3.21
19-24	0	1	2	0	0	0	1	0	0	5	10	0	2	1	1	1	0	24
(1)	.00	.17	.34	.00	.00	.00	.17	.00	.00	.84	1.68	.00	.34	.17	.17	.17	.00	4.03
(2)	.00	.02	.04	.00	.00	.00	.02	.00	.00	.11	.22	.00	.04	.02	.02	.02	.00	.54
GT 24	0	0	2	0	0	0	0	0	0	1	0	1	1	0	0	0	0	5
(1)	.00	.00	.34	.00	.00	.00	.00	.00	.00	.17	.00	.17	.17	.00	.00	.00	.00	.84
(2)	.00	.00	.04	.00	.00	.00	.00	.00	.00	.02	.00	.02	.02	.00	.00	.00	.00	.11
ALL SPEEDS	45	61	26	18	27	28	40	48	24	56	111	44	21	19	14	13	0	595
(1)	7.56	10.25	4.37	3.03	4.54	4.71	6.72	8.07	4.03	9.41	18.66	7.39	3.53	3.19	2.35	2.18	.00	100.00
(2)	1.01	1.37	.58	.40	.61	.63	.90	1.08	.54	1.26	2.49	.99	.47	.43	.31	.29	.00	13.37

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.12

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	5
(1)	.00	.44	.00	.44	.00	.44	.00	.00	.00	.00	.00	.00	.44	.00	.44	.00	.00	2.19
(2)	.00	.02	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.11
4-7	5	6	6	6	8	6	4	2	0	1	1	6	3	2	0	0	0	56
(1)	2.19	2.63	2.63	2.63	3.51	2.63	1.75	.88	.00	.44	.44	2.63	1.32	.88	.00	.00	.00	24.56
(2)	.11	.13	.13	.13	.18	.13	.09	.04	.00	.02	.02	.13	.07	.04	.00	.00	.00	1.26
8-12	15	8	4	1	3	5	13	12	5	5	13	9	6	6	1	1	0	107
(1)	6.58	3.51	1.75	.44	1.32	2.19	5.70	5.26	2.19	2.19	5.70	3.95	2.63	2.63	.44	.44	.00	46.93
(2)	.34	.18	.09	.02	.07	.11	.29	.27	.11	.11	.29	.20	.13	.13	.02	.02	.00	2.40
13-18	4	1	1	1	0	1	3	11	1	2	9	1	5	1	3	1	0	45
(1)	1.75	.44	.44	.44	.00	.44	1.32	4.82	.44	.88	3.95	.44	2.19	.44	1.32	.44	.00	19.74
(2)	.09	.02	.02	.02	.00	.02	.07	.25	.02	.04	.20	.02	.11	.02	.07	.02	.00	1.01
19-24	1	0	4	0	0	0	0	1	1	0	1	0	0	3	0	3	0	14
(1)	.44	.00	1.75	.00	.00	.00	.00	.44	.44	.00	.44	.00	.00	1.32	.00	1.32	.00	6.14
(2)	.02	.00	.09	.00	.00	.00	.00	.02	.02	.00	.02	.00	.00	.07	.00	.07	.00	.31
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.44	.00	.00	.00	.00	.44
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02
ALL SPEEDS	25	16	15	9	11	13	20	26	7	8	24	16	16	12	5	5	0	228
(1)	10.96	7.02	6.58	3.95	4.82	5.70	8.77	11.40	3.07	3.51	10.53	7.02	7.02	5.26	2.19	2.19	.00	100.00
(2)	.56	.36	.34	.20	.25	.29	.45	.58	.16	.18	.54	.36	.36	.27	.11	.11	.00	5.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.51

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	3	1	1	1	0	1	0	0	0	0	0	0	1	0	0	9
(1)	.00	.41	1.22	.41	.41	.41	.00	.41	.00	.00	.00	.00	.00	.00	.41	.00	.00	3.67
(2)	.00	.02	.07	.02	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.20
4-7	4	9	4	8	8	10	2	4	4	5	1	6	3	0	1	1	0	70
(1)	1.63	3.67	1.63	3.27	3.27	4.08	.82	1.63	1.63	2.04	.41	2.45	1.22	.00	.41	.41	.00	28.57
(2)	.09	.20	.09	.18	.18	.22	.04	.09	.09	.11	.02	.13	.07	.00	.02	.02	.00	1.57
8-12	15	12	3	2	3	3	3	22	4	4	6	7	2	7	6	0	0	99
(1)	6.12	4.90	1.22	.82	1.22	1.22	1.22	8.98	1.63	1.63	2.45	2.86	.82	2.86	2.45	.00	.00	40.41
(2)	.34	.27	.07	.04	.07	.07	.07	.49	.09	.09	.13	.16	.04	.16	.13	.00	.00	2.22
13-18	4	3	3	2	2	1	3	7	1	2	12	3	2	0	2	5	0	52
(1)	1.63	1.22	1.22	.82	.82	.41	1.22	2.86	.41	.82	4.90	1.22	.82	.00	.82	2.04	.00	21.22
(2)	.09	.07	.07	.04	.04	.02	.07	.16	.02	.04	.27	.07	.04	.00	.04	.11	.00	1.17
19-24	0	1	3	0	0	0	0	0	0	1	3	1	1	3	0	0	0	13
(1)	.00	.41	1.22	.00	.00	.00	.00	.00	.00	.41	1.22	.41	.41	1.22	.00	.00	.00	5.31
(2)	.00	.02	.07	.00	.00	.00	.00	.00	.00	.02	.07	.02	.02	.07	.00	.00	.00	.29
GT 24	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.00	.00	.82	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.82
(2)	.00	.00	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04
ALL SPEEDS	23	26	18	13	14	15	8	34	9	12	22	17	8	10	10	6	0	245
(1)	9.39	10.61	7.35	5.31	5.71	6.12	3.27	13.88	3.67	4.90	8.98	6.94	3.27	4.08	4.08	2.45	.00	100.00
(2)	.52	.58	.40	.29	.31	.34	.18	.76	.20	.27	.49	.38	.18	.22	.22	.13	.00	5.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 35.51

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	8	10	7	9	12	9	4	6	4	2	6	2	3	5	4	4	0	95
(1)	.51	.63	.44	.57	.76	.57	.25	.38	.25	.13	.38	.13	.19	.32	.25	.25	.00	6.01
(2)	.18	.22	.16	.20	.27	.20	.09	.13	.09	.04	.13	.04	.07	.11	.09	.09	.00	2.13
4-7	19	52	33	37	47	34	32	26	23	11	19	9	7	5	6	10	0	370
(1)	1.20	3.29	2.09	2.34	2.97	2.15	2.03	1.65	1.46	.70	1.20	.57	.44	.32	.38	.63	.00	23.42
(2)	.43	1.17	.74	.83	1.06	.76	.72	.58	.52	.25	.43	.20	.16	.11	.13	.22	.00	8.31
8-12	43	53	57	77	55	40	60	85	42	17	18	29	19	10	28	41	0	674
(1)	2.72	3.35	3.61	4.87	3.48	2.53	3.80	5.38	2.66	1.08	1.14	1.84	1.20	.63	1.77	2.59	.00	42.66
(2)	.97	1.19	1.28	1.73	1.24	.90	1.35	1.91	.94	.38	.40	.65	.43	.22	.63	.92	.00	15.15
13-18	30	25	31	32	18	20	16	50	11	15	33	12	6	7	9	34	0	349
(1)	1.90	1.58	1.96	2.03	1.14	1.27	1.01	3.16	.70	.95	2.09	.76	.38	.44	.57	2.15	.00	22.09
(2)	.67	.56	.70	.72	.40	.45	.36	1.12	.25	.34	.74	.27	.13	.16	.20	.76	.00	7.84
19-24	7	27	18	2	0	1	1	2	1	6	9	0	2	3	1	2	0	82
(1)	.44	1.71	1.14	.13	.00	.06	.06	.13	.06	.38	.57	.00	.13	.19	.06	.13	.00	5.19
(2)	.16	.61	.40	.04	.00	.02	.02	.04	.02	.13	.20	.00	.04	.07	.02	.04	.00	1.84
GT 24	0	6	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
(1)	.00	.38	.25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63
(2)	.00	.13	.09	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22
ALL SPEEDS	107	173	150	157	132	104	113	169	81	51	85	52	37	30	48	91	0	1580
(1)	6.77	10.95	9.49	9.94	8.35	6.58	7.15	10.70	5.13	3.23	5.38	3.29	2.34	1.90	3.04	5.76	.00	100.00
(2)	2.40	3.89	3.37	3.53	2.97	2.34	2.54	3.80	1.82	1.15	1.91	1.17	.83	.67	1.08	2.04	.00	35.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 23.33

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	4	2	3	2	5	5	3	4	6	2	4	1	0	0	1	1	0	43
(1)	.39	.19	.29	.19	.48	.48	.29	.39	.58	.19	.39	.10	.00	.00	.10	.10	.00	4.14
(2)	.09	.04	.07	.04	.11	.11	.07	.09	.13	.04	.09	.02	.00	.00	.02	.02	.00	.97
4-7	12	9	11	6	10	7	17	17	8	7	18	6	4	11	8	6	0	157
(1)	1.16	.87	1.06	.58	.96	.67	1.64	1.64	.77	.67	1.73	.58	.39	1.06	.77	.58	.00	15.13
(2)	.27	.20	.25	.13	.22	.16	.38	.38	.18	.16	.40	.13	.09	.25	.18	.13	.00	3.53
8-12	20	9	7	4	13	15	27	54	55	30	33	34	18	29	30	39	0	417
(1)	1.93	.87	.67	.39	1.25	1.45	2.60	5.20	5.30	2.89	3.18	3.28	1.73	2.79	2.89	3.76	.00	40.17
(2)	.45	.20	.16	.09	.29	.34	.61	1.21	1.24	.67	.74	.76	.40	.65	.67	.88	.00	9.37
13-18	15	4	1	0	0	1	5	24	36	65	109	22	10	16	29	30	0	367
(1)	1.45	.39	.10	.00	.00	.10	.48	2.31	3.47	6.26	10.50	2.12	.96	1.54	2.79	2.89	.00	35.36
(2)	.34	.09	.02	.00	.00	.02	.11	.54	.81	1.46	2.45	.49	.22	.36	.65	.67	.00	8.25
19-24	3	3	0	1	0	0	0	2	0	19	15	3	4	3	0	0	0	53
(1)	.29	.29	.00	.10	.00	.00	.00	.19	.00	1.83	1.45	.29	.39	.29	.00	.00	.00	5.11
(2)	.07	.07	.00	.02	.00	.00	.00	.04	.00	.43	.34	.07	.09	.07	.00	.00	.00	1.19
GT 24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.00	.00	.00	.00	.00	.00	.00	.10
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	54	27	22	13	28	28	52	101	105	124	179	66	36	59	68	76	0	1038
(1)	5.20	2.60	2.12	1.25	2.70	2.70	5.01	9.73	10.12	11.95	17.24	6.36	3.47	5.68	6.55	7.32	.00	100.00
(2)	1.21	.61	.49	.29	.63	.63	1.17	2.27	2.36	2.79	4.02	1.48	.81	1.33	1.53	1.71	.00	23.33

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.54

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	1	1	2	2	4	1	2	2	1	2	0	2	1	0	0	0	23
(1)	.43	.21	.21	.43	.43	.85	.21	.43	.43	.21	.43	.00	.43	.21	.00	.00	.00	4.90
(2)	.04	.02	.02	.04	.04	.09	.02	.04	.04	.02	.04	.00	.04	.02	.00	.00	.00	.52
4-7	7	2	4	5	2	4	3	5	7	3	5	3	4	4	5	2	0	65
(1)	1.49	.43	.85	1.07	.43	.85	.64	1.07	1.49	.64	1.07	.64	.85	.85	1.07	.43	.00	13.86
(2)	.16	.04	.09	.11	.04	.09	.07	.11	.16	.07	.11	.07	.09	.09	.11	.04	.00	1.46
8-12	6	2	2	0	3	0	10	14	20	20	16	12	16	11	14	22	0	168
(1)	1.28	.43	.43	.00	.64	.00	2.13	2.99	4.26	4.26	3.41	2.56	3.41	2.35	2.99	4.69	.00	35.82
(2)	.13	.04	.04	.00	.07	.00	.22	.31	.45	.45	.36	.27	.36	.25	.31	.49	.00	3.78
13-18	1	2	0	0	0	0	2	6	34	59	56	14	9	5	21	2	0	211
(1)	.21	.43	.00	.00	.00	.00	.43	1.28	7.25	12.58	11.94	2.99	1.92	1.07	4.48	.43	.00	44.99
(2)	.02	.04	.00	.00	.00	.00	.04	.13	.76	1.33	1.26	.31	.20	.11	.47	.04	.00	4.74
19-24	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43	.00	.00	.00	.00	.00	.43
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	7	7	7	7	8	16	27	63	83	79	31	31	21	40	26	0	469
(1)	3.41	1.49	1.49	1.49	1.49	1.71	3.41	5.76	13.43	17.70	16.84	6.61	6.61	4.48	8.53	5.54	.00	100.00
(2)	.36	.16	.16	.16	.16	.18	.36	.61	1.42	1.87	1.78	.70	.70	.47	.90	.58	.00	10.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 6.63

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	3	3	1	0	1	2	2	2	1	2	1	1	0	0	0	0	22
(1)	1.02	1.02	1.02	.34	.00	.34	.68	.68	.68	.34	.68	.34	.34	.00	.00	.00	.00	7.46
(2)	.07	.07	.07	.02	.00	.02	.04	.04	.04	.02	.04	.02	.02	.00	.00	.00	.00	.49
4-7	4	4	0	4	4	2	3	2	6	5	4	4	4	1	2	2	0	51
(1)	1.36	1.36	.00	1.36	1.36	.68	1.02	.68	2.03	1.69	1.36	1.36	1.36	.34	.68	.68	.00	17.29
(2)	.09	.09	.00	.09	.09	.04	.07	.04	.13	.11	.09	.09	.09	.02	.04	.04	.00	1.15
8-12	7	0	0	0	0	0	1	13	16	18	12	11	7	12	12	6	0	115
(1)	2.37	.00	.00	.00	.00	.00	.34	4.41	5.42	6.10	4.07	3.73	2.37	4.07	4.07	2.03	.00	38.98
(2)	.16	.00	.00	.00	.00	.00	.02	.29	.36	.40	.27	.25	.16	.27	.27	.13	.00	2.58
13-18	0	0	0	0	0	0	0	2	20	27	21	8	9	8	10	1	0	106
(1)	.00	.00	.00	.00	.00	.00	.00	.68	6.78	9.15	7.12	2.71	3.05	2.71	3.39	.34	.00	35.93
(2)	.00	.00	.00	.00	.00	.00	.00	.04	.45	.61	.47	.18	.20	.18	.22	.02	.00	2.38
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	.00	.00	.34
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	14	7	3	5	4	3	6	19	44	51	39	24	21	21	25	9	0	295
(1)	4.75	2.37	1.02	1.69	1.36	1.02	2.03	6.44	14.92	17.29	13.22	8.14	7.12	7.12	8.47	3.05	.00	100.00
(2)	.31	.16	.07	.11	.09	.07	.13	.43	.99	1.15	.88	.54	.47	.47	.56	.20	.00	6.63

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-60—CCNPP 197' May JFD

CC MAY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	17	18	17	16	20	21	10	15	14	6	14	4	7	6	7	5	0	197
(1)	.38	.40	.38	.36	.45	.47	.22	.34	.31	.13	.31	.09	.16	.13	.16	.11	.00	4.43
(2)	.38	.40	.38	.36	.45	.47	.22	.34	.31	.13	.31	.09	.16	.13	.16	.11	.00	4.43
4-7	58	101	71	78	94	72	66	61	53	39	61	41	26	23	24	23	0	891
(1)	1.30	2.27	1.60	1.75	2.11	1.62	1.48	1.37	1.19	.88	1.37	.92	.58	.52	.54	.52	.00	20.02
(2)	1.30	2.27	1.60	1.75	2.11	1.62	1.48	1.37	1.19	.88	1.37	.92	.58	.52	.54	.52	.00	20.02
8-12	134	122	81	90	88	81	141	227	157	119	142	129	79	84	93	114	0	1881
(1)	3.01	2.74	1.82	2.02	1.98	1.82	3.17	5.10	3.53	2.67	3.19	2.90	1.78	1.89	2.09	2.56	.00	42.27
(2)	3.01	2.74	1.82	2.02	1.98	1.82	3.17	5.10	3.53	2.67	3.19	2.90	1.78	1.89	2.09	2.56	.00	42.27
13-18	64	38	37	35	21	24	36	116	107	188	284	69	47	46	83	78	0	1273
(1)	1.44	.85	.83	.79	.47	.54	.81	2.61	2.40	4.22	6.38	1.55	1.06	1.03	1.87	1.75	.00	28.61
(2)	1.44	.85	.83	.79	.47	.54	.81	2.61	2.40	4.22	6.38	1.55	1.06	1.03	1.87	1.75	.00	28.61
19-24	11	32	27	3	0	1	2	5	2	31	38	6	9	13	3	6	0	189
(1)	.25	.72	.61	.07	.00	.02	.04	.11	.04	.70	.85	.13	.20	.29	.07	.13	.00	4.25
(2)	.25	.72	.61	.07	.00	.02	.04	.11	.04	.70	.85	.13	.20	.29	.07	.13	.00	4.25
GT 24	0	6	8	0	0	0	0	0	0	2	0	1	2	0	0	0	0	19
(1)	.00	.13	.18	.00	.00	.00	.00	.00	.00	.04	.00	.02	.04	.00	.00	.00	.00	.43
(2)	.00	.13	.18	.00	.00	.00	.00	.00	.00	.04	.00	.02	.04	.00	.00	.00	.00	.43
ALL SPEEDS	284	317	241	222	223	199	255	424	333	385	539	250	170	172	210	226	0	4450
(1)	6.38	7.12	5.42	4.99	5.01	4.47	5.73	9.53	7.48	8.65	12.11	5.62	3.82	3.87	4.72	5.08	.00	100.00
(2)	6.38	7.12	5.42	4.99	5.01	4.47	5.73	9.53	7.48	8.65	12.11	5.62	3.82	3.87	4.72	5.08	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.90

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	4
(1)	.17	.00	.00	.17	.17	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.67
(2)	.02	.00	.00	.02	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.09
4-7	12	23	13	15	16	16	5	6	7	14	20	5	4	3	0	1	0	160
(1)	2.00	3.83	2.17	2.50	2.67	2.67	.83	1.00	1.17	2.33	3.33	.83	.67	.50	.00	.17	.00	26.67
(2)	.28	.53	.30	.35	.37	.37	.12	.14	.16	.32	.46	.12	.09	.07	.00	.02	.00	3.71
8-12	44	14	1	3	3	7	28	26	15	26	54	32	15	6	9	5	0	288
(1)	7.33	2.33	.17	.50	.50	1.17	4.67	4.33	2.50	4.33	9.00	5.33	2.50	1.00	1.50	.83	.00	48.00
(2)	1.02	.32	.02	.07	.07	.16	.65	.60	.35	.60	1.25	.74	.35	.14	.21	.12	.00	6.67
13-18	1	5	1	0	0	0	12	21	8	20	47	10	4	5	2	4	0	140
(1)	.17	.83	.17	.00	.00	.00	2.00	3.50	1.33	3.33	7.83	1.67	.67	.83	.33	.67	.00	23.33
(2)	.02	.12	.02	.00	.00	.00	.28	.49	.19	.46	1.09	.23	.09	.12	.05	.09	.00	3.24
19-24	0	1	0	0	0	0	0	2	0	1	0	0	0	0	3	0	0	7
(1)	.00	.17	.00	.00	.00	.00	.00	.33	.00	.17	.00	.00	.00	.00	.50	.00	.00	1.17
(2)	.00	.02	.00	.00	.00	.00	.00	.05	.00	.02	.00	.00	.00	.00	.07	.00	.00	.16
GT 24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.17
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	58	43	15	19	20	23	45	57	30	61	121	47	23	14	14	10	0	600
(1)	9.67	7.17	2.50	3.17	3.33	3.83	7.50	9.50	5.00	10.17	20.17	7.83	3.83	2.33	2.33	1.67	.00	100.00
(2)	1.34	1.00	.35	.44	.46	.53	1.04	1.32	.69	1.41	2.80	1.09	.53	.32	.32	.23	.00	13.90

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.54

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	1	1	2	2	0	0	0	0	3	0	0	0	0	0	0	10
(1)	.00	.42	.42	.42	.84	.84	.00	.00	.00	.00	1.26	.00	.00	.00	.00	.00	.00	4.18
(2)	.00	.02	.02	.02	.05	.05	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.23
4-7	8	17	6	10	13	9	7	7	4	5	4	4	2	1	1	3	0	101
(1)	3.35	7.11	2.51	4.18	5.44	3.77	2.93	2.93	1.67	2.09	1.67	1.67	.84	.42	.42	1.26	.00	42.26
(2)	.19	.39	.14	.23	.30	.21	.16	.16	.09	.12	.09	.09	.05	.02	.02	.07	.00	2.34
8-12	6	7	0	1	3	3	6	15	3	10	15	6	4	8	4	2	0	93
(1)	2.51	2.93	.00	.42	1.26	1.26	2.51	6.28	1.26	4.18	6.28	2.51	1.67	3.35	1.67	.84	.00	38.91
(2)	.14	.16	.00	.02	.07	.07	.14	.35	.07	.23	.35	.14	.09	.19	.09	.05	.00	2.15
13-18	2	0	0	0	2	0	0	6	0	9	5	1	2	0	1	3	0	31
(1)	.84	.00	.00	.00	.84	.00	.00	2.51	.00	3.77	2.09	.42	.84	.00	.42	1.26	.00	12.97
(2)	.05	.00	.00	.00	.05	.00	.00	.14	.00	.21	.12	.02	.05	.00	.02	.07	.00	.72
19-24	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	4
(1)	.00	.84	.00	.00	.00	.00	.00	.42	.00	.00	.00	.00	.00	.00	.00	.42	.00	1.67
(2)	.00	.05	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	16	27	7	12	20	14	13	29	7	24	27	11	8	9	6	9	0	239
(1)	6.69	11.30	2.93	5.02	8.37	5.86	5.44	12.13	2.93	10.04	11.30	4.60	3.35	3.77	2.51	3.77	.00	100.00
(2)	.37	.63	.16	.28	.46	.32	.30	.67	.16	.56	.63	.25	.19	.21	.14	.21	.00	5.54

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.02

	WIND DIRECTION FROM																	
SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	1	2	0	0	1	0	1	1	0	1	0	0	0	0	8
(1)	.00	.38	.00	.38	.77	.00	.00	.38	.00	.38	.38	.00	.38	.00	.00	.00	.00	3.08
(2)	.00	.02	.00	.02	.05	.00	.00	.02	.00	.02	.02	.00	.02	.00	.00	.00	.00	.19
4-7	24	17	7	14	7	3	9	3	0	0	11	1	2	3	1	5	0	107
(1)	9.23	6.54	2.69	5.38	2.69	1.15	3.46	1.15	.00	.00	4.23	.38	.77	1.15	.38	1.92	.00	41.15
(2)	.56	.39	.16	.32	.16	.07	.21	.07	.00	.00	.25	.02	.05	.07	.02	.12	.00	2.48
8-12	7	7	1	1	7	2	3	13	9	7	13	10	6	5	12	4	0	107
(1)	2.69	2.69	.38	.38	2.69	.77	1.15	5.00	3.46	2.69	5.00	3.85	2.31	1.92	4.62	1.54	.00	41.15
(2)	.16	.16	.02	.02	.16	.05	.07	.30	.21	.16	.30	.23	.14	.12	.28	.09	.00	2.48
13-18	1	3	1	1	1	1	0	6	0	4	8	1	1	1	2	2	0	33
(1)	.38	1.15	.38	.38	.38	.38	.00	2.31	.00	1.54	3.08	.38	.38	.38	.77	.77	.00	12.69
(2)	.02	.07	.02	.02	.02	.02	.00	.14	.00	.09	.19	.02	.02	.02	.05	.05	.00	.76
19-24	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	3
(1)	.00	.00	.38	.00	.00	.00	.00	.38	.00	.00	.00	.00	.00	.00	.38	.00	.00	1.15
(2)	.00	.00	.02	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.38	.00	.38	.00	.00	.77
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.05
ALL SPEEDS	32	28	10	17	17	6	12	24	9	12	33	12	11	9	17	11	0	260
(1)	12.31	10.77	3.85	6.54	6.54	2.31	4.62	9.23	3.46	4.62	12.69	4.62	4.23	3.46	6.54	4.23	.00	100.00
(2)	.74	.65	.23	.39	.39	.14	.28	.56	.21	.28	.76	.28	.25	.21	.39	.25	.00	6.02

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.58

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	9	9	5	8	13	7	4	2	3	5	6	7	7	3	8	4	0	100
(1)	.68	.68	.38	.61	.98	.53	.30	.15	.23	.38	.45	.53	.53	.23	.61	.30	.00	7.58
(2)	.21	.21	.12	.19	.30	.16	.09	.05	.07	.12	.14	.16	.16	.07	.19	.09	.00	2.32
4-7	44	48	22	33	27	24	16	15	15	21	15	22	12	14	16	13	0	357
(1)	3.33	3.64	1.67	2.50	2.05	1.82	1.21	1.14	1.14	1.59	1.14	1.67	.91	1.06	1.21	.98	.00	27.05
(2)	1.02	1.11	.51	.76	.63	.56	.37	.35	.35	.49	.35	.51	.28	.32	.37	.30	.00	8.27
8-12	44	24	27	74	43	18	9	61	24	42	48	28	20	22	36	29	0	549
(1)	3.33	1.82	2.05	5.61	3.26	1.36	.68	4.62	1.82	3.18	3.64	2.12	1.52	1.67	2.73	2.20	.00	41.59
(2)	1.02	.56	.63	1.71	1.00	.42	.21	1.41	.56	.97	1.11	.65	.46	.51	.83	.67	.00	12.72
13-18	32	29	24	24	16	3	6	38	2	21	28	10	3	3	21	19	0	279
(1)	2.42	2.20	1.82	1.82	1.21	.23	.45	2.88	.15	1.59	2.12	.76	.23	.23	1.59	1.44	.00	21.14
(2)	.74	.67	.56	.56	.37	.07	.14	.88	.05	.49	.65	.23	.07	.07	.49	.44	.00	6.46
19-24	7	4	2	0	2	0	0	2	0	1	1	0	1	5	2	5	0	32
(1)	.53	.30	.15	.00	.15	.00	.00	.15	.00	.08	.08	.00	.08	.38	.15	.38	.00	2.42
(2)	.16	.09	.05	.00	.05	.00	.00	.05	.00	.02	.02	.00	.02	.12	.05	.12	.00	.74
GT 24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
(1)	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.15
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.05
ALL SPEEDS	136	115	80	139	101	53	35	118	44	90	98	67	43	47	84	70	0	1320
(1)	10.30	8.71	6.06	10.53	7.65	4.02	2.65	8.94	3.33	6.82	7.42	5.08	3.26	3.56	6.36	5.30	.00	100.00
(2)	3.15	2.66	1.85	3.22	2.34	1.23	.81	2.73	1.02	2.08	2.27	1.55	1.00	1.09	1.95	1.62	.00	30.58

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 22.12

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	7	4	0	1	3	1	1	2	3	0	2	1	2	2	0	30
(1)	.10	.00	.73	.42	.00	.10	.31	.10	.10	.21	.31	.00	.21	.10	.21	.21	.00	3.14
(2)	.02	.00	.16	.09	.00	.02	.07	.02	.02	.05	.07	.00	.05	.02	.05	.05	.00	.69
4-7	7	5	2	6	8	4	11	8	13	6	19	20	6	12	11	11	0	149
(1)	.73	.52	.21	.63	.84	.42	1.15	.84	1.36	.63	1.99	2.09	.63	1.26	1.15	1.15	.00	15.60
(2)	.16	.12	.05	.14	.19	.09	.25	.19	.30	.14	.44	.46	.14	.28	.25	.25	.00	3.45
8-12	15	12	1	2	7	7	14	45	72	64	62	41	26	31	30	36	0	465
(1)	1.57	1.26	.10	.21	.73	.73	1.47	4.71	7.54	6.70	6.49	4.29	2.72	3.25	3.14	3.77	.00	48.69
(2)	.35	.28	.02	.05	.16	.16	.32	1.04	1.67	1.48	1.44	.95	.60	.72	.69	.83	.00	10.77
13-18	3	2	0	0	1	3	2	25	31	86	78	23	5	6	18	18	0	301
(1)	.31	.21	.00	.00	.10	.31	.21	2.62	3.25	9.01	8.17	2.41	.52	.63	1.88	1.88	.00	31.52
(2)	.07	.05	.00	.00	.02	.07	.05	.58	.72	1.99	1.81	.53	.12	.14	.42	.42	.00	6.97
19-24	0	0	0	0	0	0	0	0	0	1	5	1	0	1	0	2	0	10
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.52	.10	.00	.10	.00	.21	.00	1.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.12	.02	.00	.02	.00	.05	.00	.23
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	26	19	10	12	16	15	30	79	117	159	167	85	39	51	61	69	0	955
(1)	2.72	1.99	1.05	1.26	1.68	1.57	3.14	8.27	12.25	16.65	17.49	8.90	4.08	5.34	6.39	7.23	.00	100.00
(2)	.60	.44	.23	.28	.37	.35	.69	1.83	2.71	3.68	3.87	1.97	.90	1.18	1.41	1.60	.00	22.12

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 12.76

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	2	1	2	1	0	1	3	1	1	1	0	0	0	3	1	0	17
(1)	.00	.36	.18	.36	.18	.00	.18	.54	.18	.18	.18	.00	.00	.00	.54	.18	.00	3.09
(2)	.00	.05	.02	.05	.02	.00	.02	.07	.02	.02	.02	.00	.00	.00	.07	.02	.00	.39
4-7	4	3	1	1	0	3	7	2	10	4	8	9	5	5	3	6	0	71
(1)	.73	.54	.18	.18	.00	.54	1.27	.36	1.81	.73	1.45	1.63	.91	.91	.54	1.09	.00	12.89
(2)	.09	.07	.02	.02	.00	.07	.16	.05	.23	.09	.19	.21	.12	.12	.07	.14	.00	1.64
8-12	6	0	0	0	0	1	5	16	47	54	33	30	28	19	15	5	0	259
(1)	1.09	.00	.00	.00	.00	.18	.91	2.90	8.53	9.80	5.99	5.44	5.08	3.45	2.72	.91	.00	47.01
(2)	.14	.00	.00	.00	.00	.02	.12	.37	1.09	1.25	.76	.69	.65	.44	.35	.12	.00	6.00
13-18	0	0	0	0	0	0	0	7	31	58	46	22	7	8	21	3	0	203
(1)	.00	.00	.00	.00	.00	.00	.00	1.27	5.63	10.53	8.35	3.99	1.27	1.45	3.81	.54	.00	36.84
(2)	.00	.00	.00	.00	.00	.00	.00	.16	.72	1.34	1.07	.51	.16	.19	.49	.07	.00	4.70
19-24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00	.00	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	10	5	2	3	1	4	13	28	89	118	88	61	40	32	42	15	0	551
(1)	1.81	.91	.36	.54	.18	.73	2.36	5.08	16.15	21.42	15.97	11.07	7.26	5.81	7.62	2.72	.00	100.00
(2)	.23	.12	.05	.07	.02	.09	.30	.65	2.06	2.73	2.04	1.41	.93	.74	.97	.35	.00	12.76

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 9.08

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	2	3	1	5	4	2	1	1	2	1	1	1	3	4	2	0	36
(1)	.77	.51	.77	.26	1.28	1.02	.51	.26	.26	.51	.26	.26	.26	.77	1.02	.51	.00	9.18
(2)	.07	.05	.07	.02	.12	.09	.05	.02	.02	.05	.02	.02	.02	.07	.09	.05	.00	.83
4-7	4	0	1	2	2	1	2	3	3	5	7	4	9	7	5	3	0	58
(1)	1.02	.00	.26	.51	.51	.26	.51	.77	.77	1.28	1.79	1.02	2.30	1.79	1.28	.77	.00	14.80
(2)	.09	.00	.02	.05	.05	.02	.05	.07	.07	.12	.16	.09	.21	.16	.12	.07	.00	1.34
8-12	2	0	0	1	0	0	0	4	21	34	45	23	25	19	7	11	0	192
(1)	.51	.00	.00	.26	.00	.00	.00	1.02	5.36	8.67	11.48	5.87	6.38	4.85	1.79	2.81	.00	48.98
(2)	.05	.00	.00	.02	.00	.00	.00	.09	.49	.79	1.04	.53	.58	.44	.16	.25	.00	4.45
13-18	0	0	0	0	0	0	0	3	16	26	12	13	15	11	8	1	0	105
(1)	.00	.00	.00	.00	.00	.00	.00	.77	4.08	6.63	3.06	3.32	3.83	2.81	2.04	.26	.00	26.79
(2)	.00	.00	.00	.00	.00	.00	.00	.07	.37	.60	.28	.30	.35	.25	.19	.02	.00	2.43
19-24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.00	.00	.00	.00	.00	.00	.26
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	9	2	4	4	7	5	4	11	41	68	65	41	50	40	24	17	0	392
(1)	2.30	.51	1.02	1.02	1.79	1.28	1.02	2.81	10.46	17.35	16.58	10.46	12.76	10.20	6.12	4.34	.00	100.00
(2)	.21	.05	.09	.09	.16	.12	.09	.25	.95	1.58	1.51	.95	1.16	.93	.56	.39	.00	9.08

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-61—CCNPP 197' June JFD

CC JUNE MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	14	15	17	18	24	14	10	9	6	11	15	8	11	7	17	9	0	205
(1)	.32	.35	.39	.42	.56	.32	.23	.21	.14	.25	.35	.19	.25	.16	.39	.21	.00	4.75
(2)	.32	.35	.39	.42	.56	.32	.23	.21	.14	.25	.35	.19	.25	.16	.39	.21	.00	4.75
4-7	103	113	52	81	73	60	57	44	52	55	84	65	40	45	37	42	0	1003
(1)	2.39	2.62	1.20	1.88	1.69	1.39	1.32	1.02	1.20	1.27	1.95	1.51	.93	1.04	.86	.97	.00	23.23
(2)	2.39	2.62	1.20	1.88	1.69	1.39	1.32	1.02	1.20	1.27	1.95	1.51	.93	1.04	.86	.97	.00	23.23
8-12	124	64	30	82	63	38	65	180	191	237	270	170	124	110	113	92	0	1953
(1)	2.87	1.48	.69	1.90	1.46	.88	1.51	4.17	4.42	5.49	6.25	3.94	2.87	2.55	2.62	2.13	.00	45.24
(2)	2.87	1.48	.69	1.90	1.46	.88	1.51	4.17	4.42	5.49	6.25	3.94	2.87	2.55	2.62	2.13	.00	45.24
13-18	39	39	26	25	20	7	20	106	88	224	224	80	37	34	73	50	0	1092
(1)	.90	.90	.60	.58	.46	.16	.46	2.46	2.04	5.19	5.19	1.85	.86	.79	1.69	1.16	.00	25.30
(2)	.90	.90	.60	.58	.46	.16	.46	2.46	2.04	5.19	5.19	1.85	.86	.79	1.69	1.16	.00	25.30
19-24	7	7	3	0	2	0	0	6	0	5	6	1	1	6	6	8	0	58
(1)	.16	.16	.07	.00	.05	.00	.00	.14	.00	.12	.14	.02	.02	.14	.14	.19	.00	1.34
(2)	.16	.16	.07	.00	.05	.00	.00	.14	.00	.12	.14	.02	.02	.14	.14	.19	.00	1.34
GT 24	0	1	0	0	0	0	0	1	0	0	0	0	1	0	2	0	0	5
(1)	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.05	.00	.00	.12
(2)	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02	.00	.05	.00	.00	.12
ALL SPEEDS	287	239	128	206	182	120	152	346	337	532	599	324	214	202	248	201	0	4317
(1)	6.65	5.54	2.97	4.77	4.22	2.78	3.52	8.01	7.81	12.32	13.88	7.51	4.96	4.68	5.74	4.66	.00	100.00
(2)	6.65	5.54	2.97	4.77	4.22	2.78	3.52	8.01	7.81	12.32	13.88	7.51	4.96	4.68	5.74	4.66	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.73

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18	.00	.00	.00	.00	.00	.18
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
4-7	14	21	6	12	13	6	12	2	3	13	13	6	0	0	1	2	0	124
(1)	2.50	3.76	1.07	2.15	2.33	1.07	2.15	.36	.54	2.33	2.33	1.07	.00	.00	.18	.36	.00	22.18
(2)	.32	.48	.14	.27	.30	.14	.27	.05	.07	.30	.30	.14	.00	.00	.02	.05	.00	2.82
8-12	51	48	6	2	0	12	21	29	13	36	51	26	8	4	6	6	0	319
(1)	9.12	8.59	1.07	.36	.00	2.15	3.76	5.19	2.33	6.44	9.12	4.65	1.43	.72	1.07	1.07	.00	57.07
(2)	1.16	1.09	.14	.05	.00	.27	.48	.66	.30	.82	1.16	.59	.18	.09	.14	.14	.00	7.26
13-18	14	13	8	1	0	1	10	15	5	10	9	2	3	3	10	6	0	110
(1)	2.50	2.33	1.43	.18	.00	.18	1.79	2.68	.89	1.79	1.61	.36	.54	.54	1.79	1.07	.00	19.68
(2)	.32	.30	.18	.02	.00	.02	.23	.34	.11	.23	.20	.05	.07	.07	.23	.14	.00	2.50
19-24	0	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
(1)	.00	.18	.36	.00	.00	.00	.00	.18	.00	.00	.18	.00	.00	.00	.00	.00	.00	.89
(2)	.00	.02	.05	.00	.00	.00	.00	.02	.00	.00	.02	.00	.00	.00	.00	.00	.00	.11
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	79	83	22	15	13	19	43	47	21	59	74	35	11	7	17	14	0	559
(1)	14.13	14.85	3.94	2.68	2.33	3.40	7.69	8.41	3.76	10.55	13.24	6.26	1.97	1.25	3.04	2.50	.00	100.00
(2)	1.80	1.89	.50	.34	.30	.43	.98	1.07	.48	1.34	1.68	.80	.25	.16	.39	.32	.00	12.73

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.92

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	2	0	0	1	0	0	0	1	1	1	0	0	0	0	7
(1)	.00	.38	.00	.77	.00	.00	.38	.00	.00	.00	.38	.38	.38	.00	.00	.00	.00	2.69
(2)	.00	.02	.00	.05	.00	.00	.02	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.16
4-7	23	22	7	10	16	8	8	3	3	3	3	10	10	2	1	0	0	129
(1)	8.85	8.46	2.69	3.85	6.15	3.08	3.08	1.15	1.15	1.15	1.15	3.85	3.85	.77	.38	.00	.00	49.62
(2)	.52	.50	.16	.23	.36	.18	.18	.07	.07	.07	.07	.23	.23	.05	.02	.00	.00	2.94
8-12	11	11	1	1	0	1	8	14	2	10	10	12	7	1	1	4	0	94
(1)	4.23	4.23	.38	.38	.00	.38	3.08	5.38	.77	3.85	3.85	4.62	2.69	.38	.38	1.54	.00	36.15
(2)	.25	.25	.02	.02	.00	.02	.18	.32	.05	.23	.23	.27	.16	.02	.02	.09	.00	2.14
13-18	4	2	2	1	0	0	0	4	3	2	5	2	0	0	1	0	0	26
(1)	1.54	.77	.77	.38	.00	.00	.00	1.54	1.15	.77	1.92	.77	.00	.00	.38	.00	.00	10.00
(2)	.09	.05	.05	.02	.00	.00	.00	.09	.07	.05	.11	.05	.00	.00	.02	.00	.00	.59
19-24	0	1	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	4
(1)	.00	.38	.00	.00	.00	.00	.00	.00	.38	.00	.38	.00	.00	.00	.38	.00	.00	1.54
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	38	37	10	14	16	9	17	21	9	15	20	25	18	3	4	4	0	260
(1)	14.62	14.23	3.85	5.38	6.15	3.46	6.54	8.08	3.46	5.77	7.69	9.62	6.92	1.15	1.54	1.54	.00	100.00
(2)	.87	.84	.23	.32	.36	.20	.39	.48	.20	.34	.46	.57	.41	.07	.09	.09	.00	5.92

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.79

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	2	0	3	3	0	0	0	1	0	1	0	0	0	1	3	0	15
(1)	.34	.67	.00	1.01	1.01	.00	.00	.00	.34	.00	.34	.00	.00	.00	.34	1.01	.00	5.03
(2)	.02	.05	.00	.07	.07	.00	.00	.00	.02	.00	.02	.00	.00	.00	.02	.07	.00	.34
4-7	20	30	9	14	15	8	10	6	5	3	8	9	4	4	2	1	0	148
(1)	6.71	10.07	3.02	4.70	5.03	2.68	3.36	2.01	1.68	1.01	2.68	3.02	1.34	1.34	.67	.34	.00	49.66
(2)	.46	.68	.20	.32	.34	.18	.23	.14	.11	.07	.18	.20	.09	.09	.05	.02	.00	3.37
8-12	24	6	3	3	2	2	5	9	3	5	18	14	3	0	1	9	0	107
(1)	8.05	2.01	1.01	1.01	.67	.67	1.68	3.02	1.01	1.68	6.04	4.70	1.01	.00	.34	3.02	.00	35.91
(2)	.55	.14	.07	.07	.05	.05	.11	.20	.07	.11	.41	.32	.07	.00	.02	.20	.00	2.44
13-18	4	1	2	1	0	0	0	4	2	2	5	3	1	1	1	1	0	28
(1)	1.34	.34	.67	.34	.00	.00	.00	1.34	.67	.67	1.68	1.01	.34	.34	.34	.34	.00	9.40
(2)	.09	.02	.05	.02	.00	.00	.00	.09	.05	.05	.11	.07	.02	.02	.02	.02	.00	.64
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	49	39	14	21	20	10	15	19	11	10	32	26	8	5	5	14	0	298
(1)	16.44	13.09	4.70	7.05	6.71	3.36	5.03	6.38	3.69	3.36	10.74	8.72	2.68	1.68	1.68	4.70	.00	100.00
(2)	1.12	.89	.32	.48	.46	.23	.34	.43	.25	.23	.73	.59	.18	.11	.11	.32	.00	6.79

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.62

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	9	8	11	11	5	5	4	7	4	3	3	4	1	1	5	0	87
(1)	.45	.67	.59	.82	.82	.37	.37	.30	.52	.30	.22	.22	.30	.07	.07	.37	.00	6.47
(2)	.14	.20	.18	.25	.25	.11	.11	.09	.16	.09	.07	.07	.09	.02	.02	.11	.00	1.98
4-7	43	61	20	33	39	21	19	16	8	24	30	21	17	20	14	14	0	400
(1)	3.20	4.54	1.49	2.45	2.90	1.56	1.41	1.19	.59	1.78	2.23	1.56	1.26	1.49	1.04	1.04	.00	29.74
(2)	.98	1.39	.46	.75	.89	.48	.43	.36	.18	.55	.68	.48	.39	.46	.32	.32	.00	9.11
8-12	45	41	54	61	49	25	32	43	19	26	56	37	13	7	9	16	0	533
(1)	3.35	3.05	4.01	4.54	3.64	1.86	2.38	3.20	1.41	1.93	4.16	2.75	.97	.52	.67	1.19	.00	39.63
(2)	1.02	.93	1.23	1.39	1.12	.57	.73	.98	.43	.59	1.28	.84	.30	.16	.20	.36	.00	12.14
13-18	12	38	72	36	17	7	4	28	7	10	18	7	0	1	7	7	0	271
(1)	.89	2.83	5.35	2.68	1.26	.52	.30	2.08	.52	.74	1.34	.52	.00	.07	.52	.52	.00	20.15
(2)	.27	.87	1.64	.82	.39	.16	.09	.64	.16	.23	.41	.16	.00	.02	.16	.16	.00	6.17
19-24	3	11	16	3	1	0	0	0	0	0	7	0	0	1	0	0	0	42
(1)	.22	.82	1.19	.22	.07	.00	.00	.00	.00	.00	.52	.00	.00	.07	.00	.00	.00	3.12
(2)	.07	.25	.36	.07	.02	.00	.00	.00	.00	.00	.16	.00	.00	.02	.00	.00	.00	.96
GT 24	0	10	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	12
(1)	.00	.74	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.00	.00	.89
(2)	.00	.23	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.27
ALL SPEEDS	109	170	171	144	117	58	60	91	41	64	114	68	34	30	32	42	0	1345
(1)	8.10	12.64	12.71	10.71	8.70	4.31	4.46	6.77	3.05	4.76	8.48	5.06	2.53	2.23	2.38	3.12	.00	100.00
(2)	2.48	3.87	3.89	3.28	2.66	1.32	1.37	2.07	.93	1.46	2.60	1.55	.77	.68	.73	.96	.00	30.62

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 23.11

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	3	3	5	3	3	3	6	2	2	3	1	1	1	3	1	0	42
(1)	.20	.30	.30	.49	.30	.30	.30	.59	.20	.20	.30	.10	.10	.10	.30	.10	.00	4.14
(2)	.05	.07	.07	.11	.07	.07	.07	.14	.05	.05	.07	.02	.02	.02	.07	.02	.00	.96
4-7	9	8	7	10	11	12	7	18	17	8	24	15	9	15	7	8	0	185
(1)	.89	.79	.69	.99	1.08	1.18	.69	1.77	1.67	.79	2.36	1.48	.89	1.48	.69	.79	.00	18.23
(2)	.20	.18	.16	.23	.25	.27	.16	.41	.39	.18	.55	.34	.20	.34	.16	.18	.00	4.21
8-12	22	7	9	2	5	9	17	76	68	64	69	70	26	18	20	28	0	510
(1)	2.17	.69	.89	.20	.49	.89	1.67	7.49	6.70	6.31	6.80	6.90	2.56	1.77	1.97	2.76	.00	50.25
(2)	.50	.16	.20	.05	.11	.20	.39	1.73	1.55	1.46	1.57	1.59	.59	.41	.46	.64	.00	11.61
13-18	2	11	2	2	3	3	1	14	30	69	77	11	2	6	5	12	0	250
(1)	.20	1.08	.20	.20	.30	.30	.10	1.38	2.96	6.80	7.59	1.08	.20	.59	.49	1.18	.00	24.63
(2)	.05	.25	.05	.05	.07	.07	.02	.32	.68	1.57	1.75	.25	.05	.14	.11	.27	.00	5.69
19-24	2	0	1	1	1	1	0	0	3	4	14	0	0	0	0	1	0	28
(1)	.20	.00	.10	.10	.10	.10	.00	.00	.30	.39	1.38	.00	.00	.00	.00	.10	.00	2.76
(2)	.05	.00	.02	.02	.02	.02	.00	.00	.07	.09	.32	.00	.00	.00	.00	.02	.00	.64
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	37	29	22	20	23	28	28	114	120	147	187	97	38	40	35	50	0	1015
(1)	3.65	2.86	2.17	1.97	2.27	2.76	2.76	11.23	11.82	14.48	18.42	9.56	3.74	3.94	3.45	4.93	.00	100.00
(2)	.84	.66	.50	.46	.52	.64	.64	2.60	2.73	3.35	4.26	2.21	.87	.91	.80	1.14	.00	23.11

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.82

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.21
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	2	1	2	3	1	1	3	1	2	1	3	2	0	3	1	1	0	27
(1)	.42	.21	.42	.63	.21	.21	.63	.21	.42	.21	.63	.42	.00	.63	.21	.21	.00	5.68
(2)	.05	.02	.05	.07	.02	.02	.07	.02	.05	.02	.07	.05	.00	.07	.02	.02	.00	.61
4-7	6	4	2	0	3	2	4	7	5	9	13	18	3	6	3	2	0	87
(1)	1.26	.84	.42	.00	.63	.42	.84	1.47	1.05	1.89	2.74	3.79	.63	1.26	.63	.42	.00	18.32
(2)	.14	.09	.05	.00	.07	.05	.09	.16	.11	.20	.30	.41	.07	.14	.07	.05	.00	1.98
8-12	4	1	1	1	1	2	8	11	57	47	49	35	22	17	11	12	0	279
(1)	.84	.21	.21	.21	.21	.42	1.68	2.32	12.00	9.89	10.32	7.37	4.63	3.58	2.32	2.53	.00	58.74
(2)	.09	.02	.02	.02	.02	.05	.18	.25	1.30	1.07	1.12	.80	.50	.39	.25	.27	.00	6.35
13-18	0	0	0	0	0	0	0	1	7	21	18	10	5	4	15	0	0	81
(1)	.00	.00	.00	.00	.00	.00	.00	.21	1.47	4.42	3.79	2.11	1.05	.84	3.16	.00	.00	17.05
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.16	.48	.41	.23	.11	.09	.34	.00	.00	1.84
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	12	6	5	4	5	6	15	20	71	78	83	65	30	30	30	15	0	475
(1)	2.53	1.26	1.05	.84	1.05	1.26	3.16	4.21	14.95	16.42	17.47	13.68	6.32	6.32	6.32	3.16	.00	100.00
(2)	.27	.14	.11	.09	.11	.14	.34	.46	1.62	1.78	1.89	1.48	.68	.68	.68	.34	.00	10.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 10.02

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	5	5	2	6	1	2	4	4	2	2	2	4	0	1	3	0	46
(1)	.68	1.14	1.14	.45	1.36	.23	.45	.91	.91	.45	.45	.45	.91	.00	.23	.68	.00	10.45
(2)	.07	.11	.11	.05	.14	.02	.05	.09	.09	.05	.05	.05	.09	.00	.02	.07	.00	1.05
4-7	7	5	7	2	4	1	3	6	12	9	15	17	16	6	3	3	0	116
(1)	1.59	1.14	1.59	.45	.91	.23	.68	1.36	2.73	2.05	3.41	3.86	3.64	1.36	.68	.68	.00	26.36
(2)	.16	.11	.16	.05	.09	.02	.07	.14	.27	.20	.34	.39	.36	.14	.07	.07	.00	2.64
8-12	1	0	0	0	0	0	4	2	25	32	50	51	38	14	17	12	0	246
(1)	.23	.00	.00	.00	.00	.00	.91	.45	5.68	7.27	11.36	11.59	8.64	3.18	3.86	2.73	.00	55.91
(2)	.02	.00	.00	.00	.00	.00	.09	.05	.57	.73	1.14	1.16	.87	.32	.39	.27	.00	5.60
13-18	0	0	0	0	0	0	0	0	9	3	2	2	3	5	8	0	0	32
(1)	.00	.00	.00	.00	.00	.00	.00	.00	2.05	.68	.45	.45	.68	1.14	1.82	.00	.00	7.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.20	.07	.05	.05	.07	.11	.18	.00	.00	.73
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	11	10	12	4	10	2	9	12	50	46	69	72	61	25	29	18	0	440
(1)	2.50	2.27	2.73	.91	2.27	.45	2.05	2.73	11.36	10.45	15.68	16.36	13.86	5.68	6.59	4.09	.00	100.00
(2)	.25	.23	.27	.09	.23	.05	.20	.27	1.14	1.05	1.57	1.64	1.39	.57	.66	.41	.00	10.02

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-62—CCNPP 197' July JFD

CC JULY MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
(2)	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	14	21	18	26	24	10	14	15	16	9	13	10	10	5	7	13	0	225
(1)	.32	.48	.41	.59	.55	.23	.32	.34	.36	.20	.30	.23	.23	.11	.16	.30	.00	5.12
(2)	.32	.48	.41	.59	.55	.23	.32	.34	.36	.20	.30	.23	.23	.11	.16	.30	.00	5.12
4-7	122	151	58	81	101	58	63	58	53	69	106	96	59	53	31	30	0	1189
(1)	2.78	3.44	1.32	1.84	2.30	1.32	1.43	1.32	1.21	1.57	2.41	2.19	1.34	1.21	.71	.68	.00	27.07
(2)	2.78	3.44	1.32	1.84	2.30	1.32	1.43	1.32	1.21	1.57	2.41	2.19	1.34	1.21	.71	.68	.00	27.07
8-12	158	114	74	70	57	51	95	184	187	220	303	245	117	61	65	87	0	2088
(1)	3.60	2.60	1.68	1.59	1.30	1.16	2.16	4.19	4.26	5.01	6.90	5.58	2.66	1.39	1.48	1.98	.00	47.54
(2)	3.60	2.60	1.68	1.59	1.30	1.16	2.16	4.19	4.26	5.01	6.90	5.58	2.66	1.39	1.48	1.98	.00	47.54
13-18	36	65	86	41	20	11	15	66	63	117	134	37	14	20	47	26	0	798
(1)	.82	1.48	1.96	.93	.46	.25	.34	1.50	1.43	2.66	3.05	.84	.32	.46	1.07	.59	.00	18.17
(2)	.82	1.48	1.96	.93	.46	.25	.34	1.50	1.43	2.66	3.05	.84	.32	.46	1.07	.59	.00	18.17
19-24	5	13	19	4	2	1	0	1	4	4	23	0	0	1	1	1	0	79
(1)	.11	.30	.43	.09	.05	.02	.00	.02	.09	.09	.52	.00	.00	.02	.02	.02	.00	1.80
(2)	.11	.30	.43	.09	.05	.02	.00	.02	.09	.09	.52	.00	.00	.02	.02	.02	.00	1.80
GT 24	0	10	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	12
(1)	.00	.23	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.27
(2)	.00	.23	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.27
ALL SPEEDS	335	374	256	222	204	132	187	324	323	419	579	388	200	140	152	157	0	4392
(1)	7.63	8.52	5.83	5.05	4.64	3.01	4.26	7.38	7.35	9.54	13.18	8.83	4.55	3.19	3.46	3.57	.00	100.00
(2)	7.63	8.52	5.83	5.05	4.64	3.01	4.26	7.38	7.35	9.54	13.18	8.83	4.55	3.19	3.46	3.57	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.05

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	4
(1)	.19	.00	.19	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.19	.00	.75
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.09
4-7	19	12	5	10	15	8	7	6	12	17	31	6	4	0	1	2	0	155
(1)	3.55	2.24	.93	1.87	2.80	1.50	1.31	1.12	2.24	3.18	5.79	1.12	.75	.00	.19	.37	.00	28.97
(2)	.43	.27	.11	.23	.34	.18	.16	.14	.27	.38	.70	.14	.09	.00	.02	.05	.00	3.49
8-12	38	36	7	1	2	5	18	29	13	43	73	9	7	5	3	6	0	295
(1)	7.10	6.73	1.31	.19	.37	.93	3.36	5.42	2.43	8.04	13.64	1.68	1.31	.93	.56	1.12	.00	55.14
(2)	.86	.81	.16	.02	.05	.11	.41	.65	.29	.97	1.64	.20	.16	.11	.07	.14	.00	6.64
13-18	15	11	0	0	0	3	6	9	2	10	12	2	0	0	0	3	0	73
(1)	2.80	2.06	.00	.00	.00	.56	1.12	1.68	.37	1.87	2.24	.37	.00	.00	.00	.56	.00	13.64
(2)	.34	.25	.00	.00	.00	.07	.14	.20	.05	.23	.27	.05	.00	.00	.00	.07	.00	1.64
19-24	3	3	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	8
(1)	.56	.56	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.50
(2)	.07	.07	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	76	62	13	11	17	16	31	46	27	70	116	18	11	5	4	12	0	535
(1)	14.21	11.59	2.43	2.06	3.18	2.99	5.79	8.60	5.05	13.08	21.68	3.36	2.06	.93	.75	2.24	.00	100.00
(2)	1.71	1.40	.29	.25	.38	.36	.70	1.04	.61	1.58	2.61	.41	.25	.11	.09	.27	.00	12.05

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.81

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	5
(1)	.00	.39	.39	.39	.39	.00	.39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.94
(2)	.00	.02	.02	.02	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
4-7	18	16	13	9	5	6	4	2	5	5	13	7	2	0	0	1	0	106
(1)	6.98	6.20	5.04	3.49	1.94	2.33	1.55	.78	1.94	1.94	5.04	2.71	.78	.00	.00	.39	.00	41.09
(2)	.41	.36	.29	.20	.11	.14	.09	.05	.11	.11	.29	.16	.05	.00	.00	.02	.00	2.39
8-12	17	15	1	1	1	2	10	20	7	7	14	5	4	3	2	3	0	112
(1)	6.59	5.81	.39	.39	.39	.78	3.88	7.75	2.71	2.71	5.43	1.94	1.55	1.16	.78	1.16	.00	43.41
(2)	.38	.34	.02	.02	.02	.05	.23	.45	.16	.16	.32	.11	.09	.07	.05	.07	.00	2.52
13-18	5	4	2	0	0	1	2	2	2	2	5	1	1	0	0	1	0	28
(1)	1.94	1.55	.78	.00	.00	.39	.78	.78	.78	.78	1.94	.39	.39	.00	.00	.39	.00	10.85
(2)	.11	.09	.05	.00	.00	.02	.05	.05	.05	.05	.11	.02	.02	.00	.00	.02	.00	.63
19-24	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	4
(1)	.78	.00	.00	.00	.00	.00	.00	.39	.00	.39	.00	.00	.00	.00	.00	.00	.00	1.55
(2)	.05	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	3
(1)	.00	.00	.00	.39	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.39	.39	.00	1.16
(2)	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.07
ALL SPEEDS	42	36	17	12	7	9	17	25	14	15	32	13	7	3	3	6	0	258
(1)	16.28	13.95	6.59	4.65	2.71	3.49	6.59	9.69	5.43	5.81	12.40	5.04	2.71	1.16	1.16	2.33	.00	100.00
(2)	.95	.81	.38	.27	.16	.20	.38	.56	.32	.34	.72	.29	.16	.07	.07	.14	.00	5.81

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 6.10

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	3	4	1	0	1	0	0	0	1	1	2	1	0	0	0	0	16
(1)	.74	1.11	1.48	.37	.00	.37	.00	.00	.00	.37	.37	.74	.37	.00	.00	.00	.00	5.90
(2)	.05	.07	.09	.02	.00	.02	.00	.00	.00	.02	.02	.05	.02	.00	.00	.00	.00	.36
4-7	13	19	8	11	12	6	4	4	5	3	18	6	4	2	0	0	0	115
(1)	4.80	7.01	2.95	4.06	4.43	2.21	1.48	1.48	1.85	1.11	6.64	2.21	1.48	.74	.00	.00	.00	42.44
(2)	.29	.43	.18	.25	.27	.14	.09	.09	.11	.07	.41	.14	.09	.05	.00	.00	.00	2.59
8-12	19	18	3	2	1	3	6	20	4	7	15	9	3	2	4	4	0	120
(1)	7.01	6.64	1.11	.74	.37	1.11	2.21	7.38	1.48	2.58	5.54	3.32	1.11	.74	1.48	1.48	.00	44.28
(2)	.43	.41	.07	.05	.02	.07	.14	.45	.09	.16	.34	.20	.07	.05	.09	.09	.00	2.70
13-18	1	3	1	1	0	0	0	3	1	2	3	1	0	1	0	1	0	18
(1)	.37	1.11	.37	.37	.00	.00	.00	1.11	.37	.74	1.11	.37	.00	.37	.00	.37	.00	6.64
(2)	.02	.07	.02	.02	.00	.00	.00	.07	.02	.05	.07	.02	.00	.02	.00	.02	.00	.41
19-24	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
(1)	.37	.00	.00	.00	.00	.00	.00	.00	.00	.00	.37	.00	.00	.00	.00	.00	.00	.74
(2)	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	36	43	16	15	13	10	10	27	10	13	38	18	8	5	4	5	0	271
(1)	13.28	15.87	5.90	5.54	4.80	3.69	3.69	9.96	3.69	4.80	14.02	6.64	2.95	1.85	1.48	1.85	.00	100.00
(2)	.81	.97	.36	.34	.29	.23	.23	.61	.23	.29	.86	.41	.18	.11	.09	.11	.00	6.10

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 28.72

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	10	7	6	8	11	7	3	2	7	8	5	5	2	7	3	6	0	97
(1)	.78	.55	.47	.63	.86	.55	.24	.16	.55	.63	.39	.39	.16	.55	.24	.47	.00	7.61
(2)	.23	.16	.14	.18	.25	.16	.07	.05	.16	.18	.11	.11	.05	.16	.07	.14	.00	2.18
4-7	50	41	19	35	51	22	21	29	12	16	28	18	9	6	7	14	0	378
(1)	3.92	3.22	1.49	2.75	4.00	1.73	1.65	2.27	.94	1.25	2.20	1.41	.71	.47	.55	1.10	.00	29.65
(2)	1.13	.92	.43	.79	1.15	.50	.47	.65	.27	.36	.63	.41	.20	.14	.16	.32	.00	8.51
8-12	29	41	31	39	21	28	20	65	32	43	47	21	8	12	17	28	0	482
(1)	2.27	3.22	2.43	3.06	1.65	2.20	1.57	5.10	2.51	3.37	3.69	1.65	.63	.94	1.33	2.20	.00	37.80
(2)	.65	.92	.70	.88	.47	.63	.45	1.46	.72	.97	1.06	.47	.18	.27	.38	.63	.00	10.86
13-18	28	28	36	21	5	9	5	26	4	13	40	2	2	3	4	21	0	247
(1)	2.20	2.20	2.82	1.65	.39	.71	.39	2.04	.31	1.02	3.14	.16	.16	.24	.31	1.65	.00	19.37
(2)	.63	.63	.81	.47	.11	.20	.11	.59	.09	.29	.90	.05	.05	.07	.09	.47	.00	5.56
19-24	7	24	20	3	0	0	0	1	0	3	3	1	0	1	0	2	0	65
(1)	.55	1.88	1.57	.24	.00	.00	.00	.08	.00	.24	.24	.08	.00	.08	.00	.16	.00	5.10
(2)	.16	.54	.45	.07	.00	.00	.00	.02	.00	.07	.07	.02	.00	.02	.00	.05	.00	1.46
GT 24	0	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
(1)	.00	.24	.16	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.47
(2)	.00	.07	.05	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.14
ALL SPEEDS	124	144	114	107	88	66	49	123	55	83	123	47	21	29	31	71	0	1275
(1)	9.73	11.29	8.94	8.39	6.90	5.18	3.84	9.65	4.31	6.51	9.65	3.69	1.65	2.27	2.43	5.57	.00	100.00
(2)	2.79	3.24	2.57	2.41	1.98	1.49	1.10	2.77	1.24	1.87	2.77	1.06	.47	.65	.70	1.60	.00	28.72

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 27.48

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.02
C-3	2	0	2	4	0	5	5	2	4	3	0	3	3	3	3	2	0	41
(1)	.16	.00	.16	.33	.00	.41	.41	.16	.33	.25	.00	.25	.25	.25	.25	.16	.00	3.36
(2)	.05	.00	.05	.09	.00	.11	.11	.05	.09	.07	.00	.07	.07	.07	.07	.05	.00	.92
4-7	11	6	4	9	12	12	12	8	25	15	22	8	9	6	9	9	0	177
(1)	.90	.49	.33	.74	.98	.98	.98	.66	2.05	1.23	1.80	.66	.74	.49	.74	.74	.00	14.51
(2)	.25	.14	.09	.20	.27	.27	.27	.18	.56	.34	.50	.18	.20	.14	.20	.20	.00	3.99
8-12	22	12	15	6	7	13	28	72	110	96	69	44	17	16	22	50	0	599
(1)	1.80	.98	1.23	.49	.57	1.07	2.30	5.90	9.02	7.87	5.66	3.61	1.39	1.31	1.80	4.10	.00	49.10
(2)	.50	.27	.34	.14	.16	.29	.63	1.62	2.48	2.16	1.55	.99	.38	.36	.50	1.13	.00	13.49
13-18	6	12	3	0	0	0	0	15	46	115	140	14	4	4	9	15	0	383
(1)	.49	.98	.25	.00	.00	.00	.00	1.23	3.77	9.43	11.48	1.15	.33	.33	.74	1.23	.00	31.39
(2)	.14	.27	.07	.00	.00	.00	.00	.34	1.04	2.59	3.15	.32	.09	.09	.20	.34	.00	8.63
19-24	0	7	3	0	1	0	0	0	1	3	3	0	1	0	0	0	0	19
(1)	.00	.57	.25	.00	.08	.00	.00	.00	.08	.25	.25	.00	.08	.00	.00	.00	.00	1.56
(2)	.00	.16	.07	.00	.02	.00	.00	.00	.02	.07	.07	.00	.02	.00	.00	.00	.00	.43
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	41	37	27	19	20	30	45	97	186	232	234	69	35	29	43	76	0	1220
(1)	3.36	3.03	2.21	1.56	1.64	2.46	3.69	7.95	15.25	19.02	19.18	5.66	2.87	2.38	3.52	6.23	.00	100.00
(2)	.92	.83	.61	.43	.45	.68	1.01	2.18	4.19	5.23	5.27	1.55	.79	.65	.97	1.71	.00	27.48

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.91

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02
C-3	4	3	1	2	4	2	2	3	3	4	1	2	1	3	1	0	0	36
(1)	.76	.57	.19	.38	.76	.38	.38	.57	.57	.76	.19	.38	.19	.57	.19	.00	.00	6.81
(2)	.09	.07	.02	.05	.09	.05	.05	.07	.07	.09	.02	.05	.02	.07	.02	.00	.00	.81
4-7	5	4	0	3	3	6	4	12	13	22	9	7	8	0	4	4	0	104
(1)	.95	.76	.00	.57	.57	1.13	.76	2.27	2.46	4.16	1.70	1.32	1.51	.00	.76	.76	.00	19.66
(2)	.11	.09	.00	.07	.07	.14	.09	.27	.29	.50	.20	.16	.18	.00	.09	.09	.00	2.34
8-12	6	0	0	0	0	2	9	17	58	60	45	37	17	18	8	16	0	293
(1)	1.13	.00	.00	.00	.00	.38	1.70	3.21	10.96	11.34	8.51	6.99	3.21	3.40	1.51	3.02	.00	55.39
(2)	.14	.00	.00	.00	.00	.05	.20	.38	1.31	1.35	1.01	.83	.38	.41	.18	.36	.00	6.60
13-18	0	0	0	0	0	0	0	1	25	29	16	8	8	2	5	1	0	95
(1)	.00	.00	.00	.00	.00	.00	.00	.19	4.73	5.48	3.02	1.51	1.51	.38	.95	.19	.00	17.96
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.56	.65	.36	.18	.18	.05	.11	.02	.00	2.14
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	7	1	5	7	10	15	33	99	115	71	55	34	23	18	21	0	529
(1)	2.84	1.32	.19	.95	1.32	1.89	2.84	6.24	18.71	21.74	13.42	10.40	6.43	4.35	3.40	3.97	.00	100.00
(2)	.34	.16	.02	.11	.16	.23	.34	.74	2.23	2.59	1.60	1.24	.77	.52	.41	.47	.00	11.91

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.93

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.28	.00	.00	.57
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.05
C-3	4	2	2	5	6	2	7	3	1	2	1	6	2	1	1	1	0	46
(1)	1.14	.57	.57	1.42	1.70	.57	1.99	.85	.28	.57	.28	1.70	.57	.28	.28	.28	.00	13.07
(2)	.09	.05	.05	.11	.14	.05	.16	.07	.02	.05	.02	.14	.05	.02	.02	.02	.00	1.04
4-7	2	2	1	5	5	4	8	4	6	14	10	11	1	4	4	9	0	90
(1)	.57	.57	.28	1.42	1.42	1.14	2.27	1.14	1.70	3.98	2.84	3.13	.28	1.14	1.14	2.56	.00	25.57
(2)	.05	.05	.02	.11	.11	.09	.18	.09	.14	.32	.23	.25	.02	.09	.09	.20	.00	2.03
8-12	1	0	0	0	0	0	1	6	25	35	31	29	14	9	7	21	0	179
(1)	.28	.00	.00	.00	.00	.00	.28	1.70	7.10	9.94	8.81	8.24	3.98	2.56	1.99	5.97	.00	50.85
(2)	.02	.00	.00	.00	.00	.00	.02	.14	.56	.79	.70	.65	.32	.20	.16	.47	.00	4.03
13-18	0	0	0	0	0	0	0	0	7	12	9	1	1	2	2	1	0	35
(1)	.00	.00	.00	.00	.00	.00	.00	.00	1.99	3.41	2.56	.28	.28	.57	.57	.28	.00	9.94
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.16	.27	.20	.02	.02	.05	.05	.02	.00	.79
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	7	4	3	10	11	6	16	13	39	63	51	47	19	16	15	32	0	352
(1)	1.99	1.14	.85	2.84	3.13	1.70	4.55	3.69	11.08	17.90	14.49	13.35	5.40	4.55	4.26	9.09	.00	100.00
(2)	.16	.09	.07	.23	.25	.14	.36	.29	.88	1.42	1.15	1.06	.43	.36	.34	.72	.00	7.93

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-63—CCNPP 197' August JFD

CC AUGUST MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.02	.00	.00	.09
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.00	.02	.00	.00	.09
C-3	23	16	17	21	22	17	18	10	15	18	8	19	9	14	8	10	0	245
(1)	.52	.36	.38	.47	.50	.38	.41	.23	.34	.41	.18	.43	.20	.32	.18	.23	.00	5.52
(2)	.52	.36	.38	.47	.50	.38	.41	.23	.34	.41	.18	.43	.20	.32	.18	.23	.00	5.52
4-7	118	100	50	82	103	64	60	65	78	92	131	63	37	18	25	39	0	1125
(1)	2.66	2.25	1.13	1.85	2.32	1.44	1.35	1.46	1.76	2.07	2.95	1.42	.83	.41	.56	.88	.00	25.34
(2)	2.66	2.25	1.13	1.85	2.32	1.44	1.35	1.46	1.76	2.07	2.95	1.42	.83	.41	.56	.88	.00	25.34
8-12	132	122	57	49	32	53	92	229	249	291	294	154	70	65	63	128	0	2080
(1)	2.97	2.75	1.28	1.10	.72	1.19	2.07	5.16	5.61	6.55	6.62	3.47	1.58	1.46	1.42	2.88	.00	46.85
(2)	2.97	2.75	1.28	1.10	.72	1.19	2.07	5.16	5.61	6.55	6.62	3.47	1.58	1.46	1.42	2.88	.00	46.85
13-18	55	58	42	22	5	13	13	56	87	183	225	29	16	12	20	43	0	879
(1)	1.24	1.31	.95	.50	.11	.29	.29	1.26	1.96	4.12	5.07	.65	.36	.27	.45	.97	.00	19.80
(2)	1.24	1.31	.95	.50	.11	.29	.29	1.26	1.96	4.12	5.07	.65	.36	.27	.45	.97	.00	19.80
19-24	13	34	23	3	1	0	0	4	1	7	7	1	1	1	0	2	0	98
(1)	.29	.77	.52	.07	.02	.00	.00	.09	.02	.16	.16	.02	.02	.02	.00	.05	.00	2.21
(2)	.29	.77	.52	.07	.02	.00	.00	.09	.02	.16	.16	.02	.02	.02	.00	.05	.00	2.21
GT 24	0	3	2	2	0	0	0	0	0	0	0	0	0	0	1	1	0	9
(1)	.00	.07	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.20
(2)	.00	.07	.05	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.20
ALL SPEEDS	341	333	191	179	163	147	183	364	430	591	665	267	135	110	118	223	0	4440
(1)	7.68	7.50	4.30	4.03	3.67	3.31	4.12	8.20	9.68	13.31	14.98	6.01	3.04	2.48	2.66	5.02	.00	100.00
(2)	7.68	7.50	4.30	4.03	3.67	3.31	4.12	8.20	9.68	13.31	14.98	6.01	3.04	2.48	2.66	5.02	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 11.81

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	2	1	1	2	0	1	0	0	1	0	1	0	0	0	1	0	11
(1)	.20	.40	.20	.20	.40	.00	.20	.00	.00	.20	.00	.20	.00	.00	.00	.20	.00	2.20
(2)	.02	.05	.02	.02	.05	.00	.02	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.26
4-7	20	29	10	6	7	10	4	6	6	12	10	5	3	4	2	2	0	136
(1)	4.01	5.81	2.00	1.20	1.40	2.00	.80	1.20	1.20	2.40	2.00	1.00	.60	.80	.40	.40	.00	27.25
(2)	.47	.69	.24	.14	.17	.24	.09	.14	.14	.28	.24	.12	.07	.09	.05	.05	.00	3.22
8-12	71	44	3	1	0	8	27	20	5	29	31	12	2	4	0	8	0	265
(1)	14.23	8.82	.60	.20	.00	1.60	5.41	4.01	1.00	5.81	6.21	2.40	.40	.80	.00	1.60	.00	53.11
(2)	1.68	1.04	.07	.02	.00	.19	.64	.47	.12	.69	.73	.28	.05	.09	.00	.19	.00	6.27
13-18	16	13	9	0	0	0	3	7	2	4	4	1	0	1	0	1	0	61
(1)	3.21	2.61	1.80	.00	.00	.00	.60	1.40	.40	.80	.80	.20	.00	.20	.00	.20	.00	12.22
(2)	.38	.31	.21	.00	.00	.00	.07	.17	.05	.09	.09	.02	.00	.02	.00	.02	.00	1.44
19-24	4	7	4	0	0	0	0	1	0	7	0	0	0	0	3	0	0	26
(1)	.80	1.40	.80	.00	.00	.00	.00	.20	.00	1.40	.00	.00	.00	.00	.60	.00	.00	5.21
(2)	.09	.17	.09	.00	.00	.00	.00	.02	.00	.17	.00	.00	.00	.00	.07	.00	.00	.62
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	112	95	27	8	9	18	35	34	13	53	45	19	5	9	5	12	0	499
(1)	22.44	19.04	5.41	1.60	1.80	3.61	7.01	6.81	2.61	10.62	9.02	3.81	1.00	1.80	1.00	2.40	.00	100.00
(2)	2.65	2.25	.64	.19	.21	.43	.83	.80	.31	1.25	1.06	.45	.12	.21	.12	.28	.00	11.81

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 5.51

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	2	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	4
(1)	.00	.86	.00	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43	.00	.00	1.72
(2)	.00	.05	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.09
4-7	9	12	9	6	9	4	6	4	2	3	2	2	2	1	0	4	0	75
(1)	3.86	5.15	3.86	2.58	3.86	1.72	2.58	1.72	.86	1.29	.86	.86	.86	.43	.00	1.72	.00	32.19
(2)	.21	.28	.21	.14	.21	.09	.14	.09	.05	.07	.05	.05	.05	.02	.00	.09	.00	1.77
8-12	26	18	5	1	0	2	10	6	2	2	10	1	1	5	2	3	0	94
(1)	11.16	7.73	2.15	.43	.00	.86	4.29	2.58	.86	.86	4.29	.43	.43	2.15	.86	1.29	.00	40.34
(2)	.62	.43	.12	.02	.00	.05	.24	.14	.05	.05	.24	.02	.02	.12	.05	.07	.00	2.22
13-18	7	5	9	0	0	0	3	6	1	3	2	0	0	3	2	1	0	42
(1)	3.00	2.15	3.86	.00	.00	.00	1.29	2.58	.43	1.29	.86	.00	.00	1.29	.86	.43	.00	18.03
(2)	.17	.12	.21	.00	.00	.00	.07	.14	.02	.07	.05	.00	.00	.07	.05	.02	.00	.99
19-24	3	4	3	0	0	0	0	1	2	0	0	0	0	1	3	0	0	17
(1)	1.29	1.72	1.29	.00	.00	.00	.00	.43	.86	.00	.00	.00	.00	.43	1.29	.00	.00	7.30
(2)	.07	.09	.07	.00	.00	.00	.00	.02	.05	.00	.00	.00	.00	.02	.07	.00	.00	.40
GT 24	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.43	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.43
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	45	42	26	8	9	6	19	17	7	8	14	3	3	10	8	8	0	233
(1)	19.31	18.03	11.16	3.43	3.86	2.58	8.15	7.30	3.00	3.43	6.01	1.29	1.29	4.29	3.43	3.43	.00	100.00
(2)	1.06	.99	.62	.19	.21	.14	.45	.40	.17	.19	.33	.07	.07	.24	.19	.19	.00	5.51

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.82

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	2	1	2	0	0	0	0	0	1	2	0	0	0	2	0	11
(1)	.00	.41	.81	.41	.81	.00	.00	.00	.00	.00	.41	.81	.00	.00	.00	.81	.00	4.47
(2)	.00	.02	.05	.02	.05	.00	.00	.00	.00	.00	.02	.05	.00	.00	.00	.05	.00	.26
4-7	9	24	10	9	11	9	10	10	7	1	1	2	6	3	2	0	0	114
(1)	3.66	9.76	4.07	3.66	4.47	3.66	4.07	4.07	2.85	.41	.41	.81	2.44	1.22	.81	.00	.00	46.34
(2)	.21	.57	.24	.21	.26	.21	.24	.24	.17	.02	.02	.05	.14	.07	.05	.00	.00	2.70
8-12	21	15	3	2	1	1	3	10	1	1	6	1	1	3	6	6	0	81
(1)	8.54	6.10	1.22	.81	.41	.41	1.22	4.07	.41	.41	2.44	.41	.41	1.22	2.44	2.44	.00	32.93
(2)	.50	.35	.07	.05	.02	.02	.07	.24	.02	.02	.14	.02	.02	.07	.14	.14	.00	1.92
13-18	3	4	4	0	0	0	2	4	1	3	0	0	0	1	2	3	0	27
(1)	1.22	1.63	1.63	.00	.00	.00	.81	1.63	.41	1.22	.00	.00	.00	.41	.81	1.22	.00	10.98
(2)	.07	.09	.09	.00	.00	.00	.05	.09	.02	.07	.00	.00	.00	.02	.05	.07	.00	.64
19-24	2	3	5	1	0	0	0	0	0	1	0	0	0	0	0	1	0	13
(1)	.81	1.22	2.03	.41	.00	.00	.00	.00	.00	.41	.00	.00	.00	.00	.00	.41	.00	5.28
(2)	.05	.07	.12	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.31
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	35	47	24	13	14	10	15	24	9	6	8	5	7	7	10	12	0	246
(1)	14.23	19.11	9.76	5.28	5.69	4.07	6.10	9.76	3.66	2.44	3.25	2.03	2.85	2.85	4.07	4.88	.00	100.00
(2)	.83	1.11	.57	.31	.33	.24	.35	.57	.21	.14	.19	.12	.17	.17	.24	.28	.00	5.82

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 34.29

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	6	10	13	8	4	4	6	1	2	2	1	2	5	1	3	3	0	71
(1)	.41	.69	.90	.55	.28	.28	.41	.07	.14	.14	.07	.14	.35	.07	.21	.21	.00	4.90
(2)	.14	.24	.31	.19	.09	.09	.14	.02	.05	.05	.02	.05	.12	.02	.07	.07	.00	1.68
4-7	41	58	20	35	51	13	9	11	10	10	12	6	12	10	10	15	0	323
(1)	2.83	4.00	1.38	2.42	3.52	.90	.62	.76	.69	.69	.83	.41	.83	.69	.69	1.04	.00	22.29
(2)	.97	1.37	.47	.83	1.21	.31	.21	.26	.24	.24	.28	.14	.28	.24	.24	.35	.00	7.64
8-12	41	33	40	67	60	44	31	42	21	13	17	11	6	13	22	27	0	488
(1)	2.83	2.28	2.76	4.62	4.14	3.04	2.14	2.90	1.45	.90	1.17	.76	.41	.90	1.52	1.86	.00	33.68
(2)	.97	.78	.95	1.59	1.42	1.04	.73	.99	.50	.31	.40	.26	.14	.31	.52	.64	.00	11.55
13-18	30	34	87	48	6	6	10	20	13	11	13	5	3	4	9	22	0	321
(1)	2.07	2.35	6.00	3.31	.41	.41	.69	1.38	.90	.76	.90	.35	.21	.28	.62	1.52	.00	22.15
(2)	.71	.80	2.06	1.14	.14	.14	.24	.47	.31	.26	.31	.12	.07	.09	.21	.52	.00	7.60
19-24	29	35	51	8	0	0	10	8	6	3	0	0	0	0	4	8	0	162
(1)	2.00	2.42	3.52	.55	.00	.00	.69	.55	.41	.21	.00	.00	.00	.00	.28	.55	.00	11.18
(2)	.69	.83	1.21	.19	.00	.00	.24	.19	.14	.07	.00	.00	.00	.00	.09	.19	.00	3.83
GT 24	7	43	23	0	2	0	1	2	1	0	0	0	0	0	0	4	0	83
(1)	.48	2.97	1.59	.00	.14	.00	.07	.14	.07	.00	.00	.00	.00	.00	.00	.28	.00	5.73
(2)	.17	1.02	.54	.00	.05	.00	.02	.05	.02	.00	.00	.00	.00	.00	.00	.09	.00	1.96
ALL SPEEDS	154	214	234	166	123	67	67	84	53	39	43	24	26	28	48	79	0	1449
(1)	10.63	14.77	16.15	11.46	8.49	4.62	4.62	5.80	3.66	2.69	2.97	1.66	1.79	1.93	3.31	5.45	.00	100.00
(2)	3.64	5.06	5.54	3.93	2.91	1.59	1.59	1.99	1.25	.92	1.02	.57	.62	.66	1.14	1.87	.00	34.29

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 22.43

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	2	3	2	1	6	0	6	3	0	1	1	2	1	2	2	1	0	33
(1)	.21	.32	.21	.11	.63	.00	.63	.32	.00	.11	.11	.21	.11	.21	.21	.11	.00	3.48
(2)	.05	.07	.05	.02	.14	.00	.14	.07	.00	.02	.02	.05	.02	.05	.05	.02	.00	.78
4-7	12	15	7	12	24	15	8	5	13	5	5	8	7	9	3	9	0	157
(1)	1.27	1.58	.74	1.27	2.53	1.58	.84	.53	1.37	.53	.53	.84	.74	.95	.32	.95	.00	16.56
(2)	.28	.35	.17	.28	.57	.35	.19	.12	.31	.12	.12	.19	.17	.21	.07	.21	.00	3.72
8-12	23	29	28	10	17	30	24	63	50	28	23	13	17	27	25	45	0	452
(1)	2.43	3.06	2.95	1.05	1.79	3.16	2.53	6.65	5.27	2.95	2.43	1.37	1.79	2.85	2.64	4.75	.00	47.68
(2)	.54	.69	.66	.24	.40	.71	.57	1.49	1.18	.66	.54	.31	.40	.64	.59	1.06	.00	10.70
13-18	8	17	18	0	0	0	1	26	41	52	38	7	5	7	25	31	0	276
(1)	.84	1.79	1.90	.00	.00	.00	.11	2.74	4.32	5.49	4.01	.74	.53	.74	2.64	3.27	.00	29.11
(2)	.19	.40	.43	.00	.00	.00	.02	.62	.97	1.23	.90	.17	.12	.17	.59	.73	.00	6.53
19-24	1	3	0	0	0	0	0	0	1	4	6	1	1	1	0	0	0	18
(1)	.11	.32	.00	.00	.00	.00	.00	.00	.11	.42	.63	.11	.11	.11	.00	.00	.00	1.90
(2)	.02	.07	.00	.00	.00	.00	.00	.00	.02	.09	.14	.02	.02	.02	.00	.00	.00	.43
GT 24	1	1	1	2	1	3	1	2	0	0	0	0	0	0	0	0	0	12
(1)	.11	.11	.11	.21	.11	.32	.11	.21	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.27
(2)	.02	.02	.02	.05	.02	.07	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28
ALL SPEEDS	47	68	56	25	48	48	40	99	105	90	73	31	31	46	55	86	0	948
(1)	4.96	7.17	5.91	2.64	5.06	5.06	4.22	10.44	11.08	9.49	7.70	3.27	3.27	4.85	5.80	9.07	.00	100.00
(2)	1.11	1.61	1.33	.59	1.14	1.14	.95	2.34	2.48	2.13	1.73	.73	.73	1.09	1.30	2.04	.00	22.43

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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.01

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	2	3	7	1	2	0	3	1	1	1	1	2	1	1	0	27
(1)	.24	.00	.47	.71	1.65	.24	.47	.00	.71	.24	.24	.24	.24	.47	.24	.24	.00	6.38
(2)	.02	.00	.05	.07	.17	.02	.05	.00	.07	.02	.02	.02	.02	.05	.02	.02	.00	.64
4-7	4	5	2	8	2	5	6	8	4	5	1	2	5	3	0	6	0	66
(1)	.95	1.18	.47	1.89	.47	1.18	1.42	1.89	.95	1.18	.24	.47	1.18	.71	.00	1.42	.00	15.60
(2)	.09	.12	.05	.19	.05	.12	.14	.19	.09	.12	.02	.05	.12	.07	.00	.14	.00	1.56
8-12	17	4	1	0	0	1	13	29	48	28	21	11	8	11	12	27	0	231
(1)	4.02	.95	.24	.00	.00	.24	3.07	6.86	11.35	6.62	4.96	2.60	1.89	2.60	2.84	6.38	.00	54.61
(2)	.40	.09	.02	.00	.00	.02	.31	.69	1.14	.66	.50	.26	.19	.26	.28	.64	.00	5.47
13-18	0	0	0	0	0	0	0	9	15	13	14	4	2	8	25	9	0	99
(1)	.00	.00	.00	.00	.00	.00	.00	2.13	3.55	3.07	3.31	.95	.47	1.89	5.91	2.13	.00	23.40
(2)	.00	.00	.00	.00	.00	.00	.00	.21	.35	.31	.33	.09	.05	.19	.59	.21	.00	2.34
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	22	9	5	11	9	7	21	46	70	47	37	18	16	24	38	43	0	423
(1)	5.20	2.13	1.18	2.60	2.13	1.65	4.96	10.87	16.55	11.11	8.75	4.26	3.78	5.67	8.98	10.17	.00	100.00
(2)	.52	.21	.12	.26	.21	.17	.50	1.09	1.66	1.11	.88	.43	.38	.57	.90	1.02	.00	10.01

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 10.13

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23	.00	.00	.00	.00	.00	.00	.23
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02
C-3	11	5	5	4	8	6	4	6	4	4	7	6	3	3	8	3	0	87
(1)	2.57	1.17	1.17	.93	1.87	1.40	.93	1.40	.93	.93	1.64	1.40	.70	.70	1.87	.70	.00	20.33
(2)	.26	.12	.12	.09	.19	.14	.09	.14	.09	.09	.17	.14	.07	.07	.19	.07	.00	2.06
4-7	13	16	3	7	5	3	12	12	9	8	6	4	8	8	5	6	0	125
(1)	3.04	3.74	.70	1.64	1.17	.70	2.80	2.80	2.10	1.87	1.40	.93	1.87	1.87	1.17	1.40	.00	29.21
(2)	.31	.38	.07	.17	.12	.07	.28	.28	.21	.19	.14	.09	.19	.19	.12	.14	.00	2.96
8-12	9	2	0	0	0	1	3	10	27	25	28	8	14	14	7	13	0	161
(1)	2.10	.47	.00	.00	.00	.23	.70	2.34	6.31	5.84	6.54	1.87	3.27	3.27	1.64	3.04	.00	37.62
(2)	.21	.05	.00	.00	.00	.02	.07	.24	.64	.59	.66	.19	.33	.33	.17	.31	.00	3.81
13-18	0	0	0	0	0	0	0	1	14	10	11	3	3	7	4	1	0	54
(1)	.00	.00	.00	.00	.00	.00	.00	.23	3.27	2.34	2.57	.70	.70	1.64	.93	.23	.00	12.62
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.33	.24	.26	.07	.07	.17	.09	.02	.00	1.28
19-24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	33	23	8	11	13	10	19	29	54	47	53	21	28	32	24	23	0	428
(1)	7.71	5.37	1.87	2.57	3.04	2.34	4.44	6.78	12.62	10.98	12.38	4.91	6.54	7.48	5.61	5.37	.00	100.00
(2)	.78	.54	.19	.26	.31	.24	.45	.69	1.28	1.11	1.25	.50	.66	.76	.57	.54	.00	10.13

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-64—CCNPP 197' September JFD

CC SEPTEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2
(1)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.05
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.05
C-3	21	23	25	19	29	11	19	10	9	9	11	14	10	8	15	11	0	244
(1)	.50	.54	.59	.45	.69	.26	.45	.24	.21	.21	.26	.33	.24	.19	.35	.26	.00	5.77
(2)	.50	.54	.59	.45	.69	.26	.45	.24	.21	.21	.26	.33	.24	.19	.35	.26	.00	5.77
4-7	108	159	61	83	109	59	55	56	51	44	37	29	43	38	22	42	0	996
(1)	2.56	3.76	1.44	1.96	2.58	1.40	1.30	1.33	1.21	1.04	.88	.69	1.02	.90	.52	.99	.00	23.57
(2)	2.56	3.76	1.44	1.96	2.58	1.40	1.30	1.33	1.21	1.04	.88	.69	1.02	.90	.52	.99	.00	23.57
8-12	208	145	80	81	78	87	111	180	154	126	136	57	49	77	74	129	0	1772
(1)	4.92	3.43	1.89	1.92	1.85	2.06	2.63	4.26	3.64	2.98	3.22	1.35	1.16	1.82	1.75	3.05	.00	41.93
(2)	4.92	3.43	1.89	1.92	1.85	2.06	2.63	4.26	3.64	2.98	3.22	1.35	1.16	1.82	1.75	3.05	.00	41.93
13-18	64	73	127	48	6	6	19	73	87	96	82	20	13	31	67	68	0	880
(1)	1.51	1.73	3.01	1.14	.14	.14	.45	1.73	2.06	2.27	1.94	.47	.31	.73	1.59	1.61	.00	20.82
(2)	1.51	1.73	3.01	1.14	.14	.14	.45	1.73	2.06	2.27	1.94	.47	.31	.73	1.59	1.61	.00	20.82
19-24	39	52	63	9	0	0	10	10	9	15	6	1	1	2	10	9	0	236
(1)	.92	1.23	1.49	.21	.00	.00	.24	.24	.21	.35	.14	.02	.02	.05	.24	.21	.00	5.58
(2)	.92	1.23	1.49	.21	.00	.00	.24	.24	.21	.35	.14	.02	.02	.05	.24	.21	.00	5.58
GT 24	8	45	24	2	3	3	2	4	1	0	0	0	0	0	0	4	0	96
(1)	.19	1.06	.57	.05	.07	.07	.05	.09	.02	.00	.00	.00	.00	.00	.00	.09	.00	2.27
(2)	.19	1.06	.57	.05	.07	.07	.05	.09	.02	.00	.00	.00	.00	.00	.00	.09	.00	2.27
ALL SPEEDS	448	498	380	242	225	166	216	333	311	290	273	121	116	156	188	263	0	4226
(1)	10.60	11.78	8.99	5.73	5.32	3.93	5.11	7.88	7.36	6.86	6.46	2.86	2.74	3.69	4.45	6.22	.00	100.00
(2)	10.60	11.78	8.99	5.73	5.32	3.93	5.11	7.88	7.36	6.86	6.46	2.86	2.74	3.69	4.45	6.22	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 12.84

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	2	1	4	2	0	0	0	0	0	0	0	0	0	0	0	10
(1)	.00	.18	.35	.18	.70	.35	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.76
(2)	.00	.02	.05	.02	.09	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.23
4-7	27	9	4	3	11	7	5	8	3	5	7	9	5	2	2	5	0	112
(1)	4.75	1.58	.70	.53	1.94	1.23	.88	1.41	.53	.88	1.23	1.58	.88	.35	.35	.88	.00	19.72
(2)	.61	.20	.09	.07	.25	.16	.11	.18	.07	.11	.16	.20	.11	.05	.05	.11	.00	2.53
8-12	58	18	3	0	1	2	5	21	11	19	29	16	11	18	20	15	0	247
(1)	10.21	3.17	.53	.00	.18	.35	.88	3.70	1.94	3.35	5.11	2.82	1.94	3.17	3.52	2.64	.00	43.49
(2)	1.31	.41	.07	.00	.02	.05	.11	.47	.25	.43	.66	.36	.25	.41	.45	.34	.00	5.58
13-18	25	11	1	1	3	0	1	8	0	7	13	13	11	27	24	9	0	154
(1)	4.40	1.94	.18	.18	.53	.00	.18	1.41	.00	1.23	2.29	2.29	1.94	4.75	4.23	1.58	.00	27.11
(2)	.56	.25	.02	.02	.07	.00	.02	.18	.00	.16	.29	.29	.25	.61	.54	.20	.00	3.48
19-24	2	5	1	2	0	0	0	4	0	0	6	3	0	9	7	1	0	40
(1)	.35	.88	.18	.35	.00	.00	.00	.70	.00	.00	1.06	.53	.00	1.58	1.23	.18	.00	7.04
(2)	.05	.11	.02	.05	.00	.00	.00	.09	.00	.00	.14	.07	.00	.20	.16	.02	.00	.90
GT 24	0	1	2	0	0	0	0	0	0	0	0	2	0	0	0	0	0	5
(1)	.00	.18	.35	.00	.00	.00	.00	.00	.00	.00	.00	.35	.00	.00	.00	.00	.00	.88
(2)	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.11
ALL SPEEDS	112	45	13	7	19	11	11	41	14	31	55	43	27	56	53	30	0	568
(1)	19.72	7.92	2.29	1.23	3.35	1.94	1.94	7.22	2.46	5.46	9.68	7.57	4.75	9.86	9.33	5.28	.00	100.00
(2)	2.53	1.02	.29	.16	.43	.25	.25	.93	.32	.70	1.24	.97	.61	1.27	1.20	.68	.00	12.84

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.98

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2
(1)	.57	.00	.00	.00	.57	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.14
(2)	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.05
4-7	4	4	2	2	3	5	4	1	0	5	3	3	1	3	5	6	0	51
(1)	2.27	2.27	1.14	1.14	1.70	2.84	2.27	.57	.00	2.84	1.70	1.70	.57	1.70	2.84	3.41	.00	28.98
(2)	.09	.09	.05	.05	.07	.11	.09	.02	.00	.11	.07	.07	.02	.07	.11	.14	.00	1.15
8-12	19	9	1	1	2	1	3	9	0	3	6	2	1	5	11	2	0	75
(1)	10.80	5.11	.57	.57	1.14	.57	1.70	5.11	.00	1.70	3.41	1.14	.57	2.84	6.25	1.14	.00	42.61
(2)	.43	.20	.02	.02	.05	.02	.07	.20	.00	.07	.14	.05	.02	.11	.25	.05	.00	1.69
13-18	3	1	0	0	0	0	1	7	0	1	4	1	1	5	6	5	0	35
(1)	1.70	.57	.00	.00	.00	.00	.57	3.98	.00	.57	2.27	.57	.57	2.84	3.41	2.84	.00	19.89
(2)	.07	.02	.00	.00	.00	.00	.02	.16	.00	.02	.09	.02	.02	.11	.14	.11	.00	.79
19-24	1	3	0	0	0	0	0	2	0	0	1	0	2	1	3	0	0	13
(1)	.57	1.70	.00	.00	.00	.00	.00	1.14	.00	.00	.57	.00	1.14	.57	1.70	.00	.00	7.39
(2)	.02	.07	.00	.00	.00	.00	.00	.05	.00	.00	.02	.00	.05	.02	.07	.00	.00	.29
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	28	17	3	3	6	6	8	19	0	9	14	6	5	14	25	13	0	176
(1)	15.91	9.66	1.70	1.70	3.41	3.41	4.55	10.80	.00	5.11	7.95	3.41	2.84	7.95	14.20	7.39	.00	100.00
(2)	.63	.38	.07	.07	.14	.14	.18	.43	.00	.20	.32	.14	.11	.32	.56	.29	.00	3.98

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	3	2	1	1	1	1	0	0	2	0	1	0	1	0	0	15
(1)	.52	.52	1.55	1.04	.52	.52	.52	.52	.00	.00	1.04	.00	.52	.00	.52	.00	.00	7.77
(2)	.02	.02	.07	.05	.02	.02	.02	.02	.00	.00	.05	.00	.02	.00	.02	.00	.00	.34
4-7	10	9	4	4	4	5	1	1	2	0	5	4	1	4	2	4	0	60
(1)	5.18	4.66	2.07	2.07	2.07	2.59	.52	.52	1.04	.00	2.59	2.07	.52	2.07	1.04	2.07	.00	31.09
(2)	.23	.20	.09	.09	.09	.11	.02	.02	.05	.00	.11	.09	.02	.09	.05	.09	.00	1.36
8-12	7	13	1	0	0	1	2	8	0	4	2	5	4	1	5	10	0	63
(1)	3.63	6.74	.52	.00	.00	.52	1.04	4.15	.00	2.07	1.04	2.59	2.07	.52	2.59	5.18	.00	32.64
(2)	.16	.29	.02	.00	.00	.02	.05	.18	.00	.09	.05	.11	.09	.02	.11	.23	.00	1.42
13-18	6	9	2	0	0	0	0	4	0	2	2	3	2	4	9	2	0	45
(1)	3.11	4.66	1.04	.00	.00	.00	.00	2.07	.00	1.04	1.04	1.55	1.04	2.07	4.66	1.04	.00	23.32
(2)	.14	.20	.05	.00	.00	.00	.00	.09	.00	.05	.05	.07	.05	.09	.20	.05	.00	1.02
19-24	1	2	0	0	0	0	0	3	0	1	1	0	0	2	0	0	0	10
(1)	.52	1.04	.00	.00	.00	.00	.00	1.55	.00	.52	.52	.00	.00	1.04	.00	.00	.00	5.18
(2)	.02	.05	.00	.00	.00	.00	.00	.07	.00	.02	.02	.00	.00	.05	.00	.00	.00	.23
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	25	34	10	6	5	7	4	17	2	7	12	12	8	11	17	16	0	193
(1)	12.95	17.62	5.18	3.11	2.59	3.63	2.07	8.81	1.04	3.63	6.22	6.22	4.15	5.70	8.81	8.29	.00	100.00
(2)	.56	.77	.23	.14	.11	.16	.09	.38	.05	.16	.27	.27	.18	.25	.38	.36	.00	4.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 33.92

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	9	4	7	5	8	2	3	1	0	3	6	4	3	2	4	0	67
(1)	.40	.60	.27	.47	.33	.53	.13	.20	.07	.00	.20	.40	.27	.20	.13	.27	.00	4.46
(2)	.14	.20	.09	.16	.11	.18	.05	.07	.02	.00	.07	.14	.09	.07	.05	.09	.00	1.51
4-7	33	38	26	36	29	17	11	12	8	8	5	5	5	4	8	11	0	256
(1)	2.20	2.53	1.73	2.40	1.93	1.13	.73	.80	.53	.53	.33	.33	.33	.27	.53	.73	.00	17.06
(2)	.75	.86	.59	.81	.66	.38	.25	.27	.18	.18	.11	.11	.11	.09	.18	.25	.00	5.79
8-12	48	63	82	61	35	15	23	22	28	17	19	12	9	10	35	56	0	535
(1)	3.20	4.20	5.46	4.06	2.33	1.00	1.53	1.47	1.87	1.13	1.27	.80	.60	.67	2.33	3.73	.00	35.64
(2)	1.08	1.42	1.85	1.38	.79	.34	.52	.50	.63	.38	.43	.27	.20	.23	.79	1.27	.00	12.09
13-18	50	117	80	19	1	4	8	23	24	6	15	12	10	14	35	57	0	475
(1)	3.33	7.79	5.33	1.27	.07	.27	.53	1.53	1.60	.40	1.00	.80	.67	.93	2.33	3.80	.00	31.65
(2)	1.13	2.64	1.81	.43	.02	.09	.18	.52	.54	.14	.34	.27	.23	.32	.79	1.29	.00	10.73
19-24	36	37	25	2	0	0	0	8	4	9	5	0	1	0	1	14	0	142
(1)	2.40	2.47	1.67	.13	.00	.00	.00	.53	.27	.60	.33	.00	.07	.00	.07	.93	.00	9.46
(2)	.81	.84	.56	.05	.00	.00	.00	.18	.09	.20	.11	.00	.02	.00	.02	.32	.00	3.21
GT 24	16	6	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	26
(1)	1.07	.40	.20	.00	.00	.00	.00	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	1.73
(2)	.36	.14	.07	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.59
ALL SPEEDS	189	270	220	125	70	44	44	68	66	40	47	35	29	31	81	142	0	1501
(1)	12.59	17.99	14.66	8.33	4.66	2.93	2.93	4.53	4.40	2.66	3.13	2.33	1.93	2.07	5.40	9.46	.00	100.00
(2)	4.27	6.10	4.97	2.82	1.58	.99	.99	1.54	1.49	.90	1.06	.79	.66	.70	1.83	3.21	.00	33.92

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 20.23

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
C-3	4	2	6	1	2	3	3	7	0	2	1	0	1	2	1	2	0	37
(1)	.45	.22	.67	.11	.22	.34	.34	.78	.00	.22	.11	.00	.11	.22	.11	.22	.00	4.13
(2)	.09	.05	.14	.02	.05	.07	.07	.16	.00	.05	.02	.00	.02	.05	.02	.05	.00	.84
4-7	9	6	8	12	26	9	1	4	5	2	3	4	1	4	8	11	0	113
(1)	1.01	.67	.89	1.34	2.91	1.01	.11	.45	.56	.22	.34	.45	.11	.45	.89	1.23	.00	12.63
(2)	.20	.14	.18	.27	.59	.20	.02	.09	.11	.05	.07	.09	.02	.09	.18	.25	.00	2.55
8-12	22	23	17	24	16	12	9	47	28	12	20	16	17	33	36	36	0	368
(1)	2.46	2.57	1.90	2.68	1.79	1.34	1.01	5.25	3.13	1.34	2.23	1.79	1.90	3.69	4.02	4.02	.00	41.12
(2)	.50	.52	.38	.54	.36	.27	.20	1.06	.63	.27	.45	.36	.38	.75	.81	.81	.00	8.32
13-18	10	13	1	0	0	0	0	17	39	61	49	23	15	32	49	45	0	354
(1)	1.12	1.45	.11	.00	.00	.00	.00	1.90	4.36	6.82	5.47	2.57	1.68	3.58	5.47	5.03	.00	39.55
(2)	.23	.29	.02	.00	.00	.00	.00	.38	.88	1.38	1.11	.52	.34	.72	1.11	1.02	.00	8.00
19-24	1	0	1	0	0	0	0	0	3	12	2	0	0	0	0	2	0	21
(1)	.11	.00	.11	.00	.00	.00	.00	.00	.34	1.34	.22	.00	.00	.00	.00	.22	.00	2.35
(2)	.02	.00	.02	.00	.00	.00	.00	.00	.07	.27	.05	.00	.00	.00	.00	.05	.00	.47
GT 24	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	46	44	33	37	45	24	13	76	75	89	75	43	34	71	94	96	0	895
(1)	5.14	4.92	3.69	4.13	5.03	2.68	1.45	8.49	8.38	9.94	8.38	4.80	3.80	7.93	10.50	10.73	.00	100.00
(2)	1.04	.99	.75	.84	1.02	.54	.29	1.72	1.69	2.01	1.69	.97	.77	1.60	2.12	2.17	.00	20.23

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.40

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	2	0	0	1	2	2	1	0	0	0	0	3	1	1	0	0	14
(1)	.22	.43	.00	.00	.22	.43	.43	.22	.00	.00	.00	.00	.65	.22	.22	.00	.00	3.04
(2)	.02	.05	.00	.00	.02	.05	.05	.02	.00	.00	.00	.00	.07	.02	.02	.00	.00	.32
4-7	7	7	2	3	5	3	2	3	5	5	3	2	0	3	4	5	0	59
(1)	1.52	1.52	.43	.65	1.09	.65	.43	.65	1.09	1.09	.65	.43	.00	.65	.87	1.09	.00	12.83
(2)	.16	.16	.05	.07	.11	.07	.05	.07	.11	.11	.07	.05	.00	.07	.09	.11	.00	1.33
8-12	4	0	1	3	0	2	4	13	13	18	16	13	16	25	27	18	0	173
(1)	.87	.00	.22	.65	.00	.43	.87	2.83	2.83	3.91	3.48	2.83	3.48	5.43	5.87	3.91	.00	37.61
(2)	.09	.00	.02	.07	.00	.05	.09	.29	.29	.41	.36	.29	.36	.56	.61	.41	.00	3.91
13-18	0	0	0	0	0	0	1	16	39	32	32	18	15	24	25	10	0	212
(1)	.00	.00	.00	.00	.00	.00	.22	3.48	8.48	6.96	6.96	3.91	3.26	5.22	5.43	2.17	.00	46.09
(2)	.00	.00	.00	.00	.00	.00	.02	.36	.88	.72	.72	.41	.34	.54	.56	.23	.00	4.79
19-24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.22	.00	.00	.00	.22	.00	.00	.43
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.00	.00	.05
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	12	9	3	6	6	7	9	33	57	55	52	33	34	53	58	33	0	460
(1)	2.61	1.96	.65	1.30	1.30	1.52	1.96	7.17	12.39	11.96	11.30	7.17	7.39	11.52	12.61	7.17	.00	100.00
(2)	.27	.20	.07	.14	.14	.16	.20	.75	1.29	1.24	1.18	.75	.77	1.20	1.31	.75	.00	10.40

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 14.28

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2
(1)	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.00	.16	.00	.00	.00	.00	.00	.32
(2)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.05
C-3	2	1	6	1	2	2	2	4	4	3	3	6	3	6	3	9	0	57
(1)	.32	.16	.95	.16	.32	.32	.32	.63	.63	.47	.47	.95	.47	.95	.47	1.42	.00	9.02
(2)	.05	.02	.14	.02	.05	.05	.05	.09	.09	.07	.07	.14	.07	.14	.07	.20	.00	1.29
4-7	12	10	2	3	4	7	9	11	13	19	13	9	4	6	2	9	0	133
(1)	1.90	1.58	.32	.47	.63	1.11	1.42	1.74	2.06	3.01	2.06	1.42	.63	.95	.32	1.42	.00	21.04
(2)	.27	.23	.05	.07	.09	.16	.20	.25	.29	.43	.29	.20	.09	.14	.05	.20	.00	3.01
8-12	5	0	0	0	0	3	6	13	27	38	36	39	9	17	25	37	0	255
(1)	.79	.00	.00	.00	.00	.47	.95	2.06	4.27	6.01	5.70	6.17	1.42	2.69	3.96	5.85	.00	40.35
(2)	.11	.00	.00	.00	.00	.07	.14	.29	.61	.86	.81	.88	.20	.38	.56	.84	.00	5.76
13-18	0	0	0	0	0	0	0	17	32	28	25	17	18	12	24	4	0	177
(1)	.00	.00	.00	.00	.00	.00	.00	2.69	5.06	4.43	3.96	2.69	2.85	1.90	3.80	.63	.00	28.01
(2)	.00	.00	.00	.00	.00	.00	.00	.38	.72	.63	.56	.38	.41	.27	.54	.09	.00	4.00
19-24	0	0	0	0	0	0	0	0	1	0	1	3	0	2	1	0	0	8
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.16	.00	.16	.47	.00	.32	.16	.00	.00	1.27
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.07	.00	.05	.02	.00	.00	.18
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	19	11	8	4	7	12	17	45	77	88	78	75	34	43	55	59	0	632
(1)	3.01	1.74	1.27	.63	1.11	1.90	2.69	7.12	12.18	13.92	12.34	11.87	5.38	6.80	8.70	9.34	.00	100.00
(2)	.43	.25	.18	.09	.16	.27	.38	1.02	1.74	1.99	1.76	1.69	.77	.97	1.24	1.33	.00	14.28

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-65—CCNPP 197' October JFD

CC OCTOBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.07
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.07
C-3	15	16	21	12	16	18	10	16	5	5	9	12	12	12	8	15	0	202
(1)	.34	.36	.47	.27	.36	.41	.23	.36	.11	.11	.20	.27	.27	.27	.18	.34	.00	4.56
(2)	.34	.36	.47	.27	.36	.41	.23	.36	.11	.11	.20	.27	.27	.27	.18	.34	.00	4.56
4-7	102	83	48	63	82	53	33	40	36	44	39	36	17	26	31	51	0	784
(1)	2.31	1.88	1.08	1.42	1.85	1.20	.75	.90	.81	.99	.88	.81	.38	.59	.70	1.15	.00	17.72
(2)	2.31	1.88	1.08	1.42	1.85	1.20	.75	.90	.81	.99	.88	.81	.38	.59	.70	1.15	.00	17.72
8-12	163	126	105	89	54	36	52	133	107	111	128	103	67	109	159	174	0	1716
(1)	3.68	2.85	2.37	2.01	1.22	.81	1.18	3.01	2.42	2.51	2.89	2.33	1.51	2.46	3.59	3.93	.00	38.78
(2)	3.68	2.85	2.37	2.01	1.22	.81	1.18	3.01	2.42	2.51	2.89	2.33	1.51	2.46	3.59	3.93	.00	38.78
13-18	94	151	84	20	4	4	11	92	134	137	140	87	72	118	172	132	0	1452
(1)	2.12	3.41	1.90	.45	.09	.09	.25	2.08	3.03	3.10	3.16	1.97	1.63	2.67	3.89	2.98	.00	32.81
(2)	2.12	3.41	1.90	.45	.09	.09	.25	2.08	3.03	3.10	3.16	1.97	1.63	2.67	3.89	2.98	.00	32.81
19-24	41	47	27	4	0	0	0	17	8	22	17	6	3	14	13	17	0	236
(1)	.93	1.06	.61	.09	.00	.00	.00	.38	.18	.50	.38	.14	.07	.32	.29	.38	.00	5.33
(2)	.93	1.06	.61	.09	.00	.00	.00	.38	.18	.50	.38	.14	.07	.32	.29	.38	.00	5.33
GT 24	16	7	5	0	0	0	0	1	1	0	0	2	0	0	0	0	0	32
(1)	.36	.16	.11	.00	.00	.00	.00	.02	.02	.00	.00	.05	.00	.00	.00	.00	.00	.72
(2)	.36	.16	.11	.00	.00	.00	.00	.02	.02	.00	.00	.05	.00	.00	.00	.00	.00	.72
ALL SPEEDS	431	430	290	188	158	111	106	299	291	319	333	247	171	279	383	389	0	4425
(1)	9.74	9.72	6.55	4.25	3.57	2.51	2.40	6.76	6.58	7.21	7.53	5.58	3.86	6.31	8.66	8.79	.00	100.00
(2)	9.74	9.72	6.55	4.25	3.57	2.51	2.40	6.76	6.58	7.21	7.53	5.58	3.86	6.31	8.66	8.79	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 13.19

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
(1)	.00	.18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.18
(2)	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02
4-7	3	9	8	4	12	6	3	2	2	7	7	3	4	1	0	3	0	74
(1)	.53	1.58	1.41	.70	2.11	1.05	.53	.35	.35	1.23	1.23	.53	.70	.18	.00	.53	.00	13.01
(2)	.07	.21	.19	.09	.28	.14	.07	.05	.05	.16	.16	.07	.09	.02	.00	.07	.00	1.72
8-12	38	14	0	0	0	2	7	20	18	29	33	11	6	7	8	15	0	208
(1)	6.68	2.46	.00	.00	.00	.35	1.23	3.51	3.16	5.10	5.80	1.93	1.05	1.23	1.41	2.64	.00	36.56
(2)	.88	.32	.00	.00	.00	.05	.16	.46	.42	.67	.77	.26	.14	.16	.19	.35	.00	4.82
13-18	22	8	2	0	0	0	0	6	3	38	44	11	8	28	21	29	0	220
(1)	3.87	1.41	.35	.00	.00	.00	.00	1.05	.53	6.68	7.73	1.93	1.41	4.92	3.69	5.10	.00	38.66
(2)	.51	.19	.05	.00	.00	.00	.00	.14	.07	.88	1.02	.26	.19	.65	.49	.67	.00	5.10
19-24	3	4	0	0	0	0	0	3	3	9	6	2	1	8	13	3	0	55
(1)	.53	.70	.00	.00	.00	.00	.00	.53	.53	1.58	1.05	.35	.18	1.41	2.28	.53	.00	9.67
(2)	.07	.09	.00	.00	.00	.00	.00	.07	.07	.21	.14	.05	.02	.19	.30	.07	.00	1.28
GT 24	0	0	0	0	0	0	0	1	0	1	0	0	2	4	3	0	0	11
(1)	.00	.00	.00	.00	.00	.00	.00	.18	.00	.18	.00	.00	.35	.70	.53	.00	.00	1.93
(2)	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.05	.09	.07	.00	.00	.26
ALL SPEEDS	66	36	10	4	12	8	10	32	26	84	90	27	21	48	45	50	0	569
(1)	11.60	6.33	1.76	.70	2.11	1.41	1.76	5.62	4.57	14.76	15.82	4.75	3.69	8.44	7.91	8.79	.00	100.00
(2)	1.53	.83	.23	.09	.28	.19	.23	.74	.60	1.95	2.09	.63	.49	1.11	1.04	1.16	.00	13.19

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 3.59

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.65	.00	.65	.00	.00	.00	.65	.00	.00	.00	.00	.00	1.94
(2)	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.02	.00	.00	.00	.00	.00	.07
4-7	1	5	2	0	3	4	0	0	1	1	4	3	3	1	1	1	0	30
(1)	.65	3.23	1.29	.00	1.94	2.58	.00	.00	.65	.65	2.58	1.94	1.94	.65	.65	.65	.00	19.35
(2)	.02	.12	.05	.00	.07	.09	.00	.00	.02	.02	.09	.07	.07	.02	.02	.02	.00	.70
8-12	6	7	1	0	1	1	3	6	2	3	9	7	1	2	3	1	0	53
(1)	3.87	4.52	.65	.00	.65	.65	1.94	3.87	1.29	1.94	5.81	4.52	.65	1.29	1.94	.65	.00	34.19
(2)	.14	.16	.02	.00	.02	.02	.07	.14	.05	.07	.21	.16	.02	.05	.07	.02	.00	1.23
13-18	4	3	0	0	0	0	0	0	0	7	2	4	4	10	6	6	0	46
(1)	2.58	1.94	.00	.00	.00	.00	.00	.00	.00	4.52	1.29	2.58	2.58	6.45	3.87	3.87	.00	29.68
(2)	.09	.07	.00	.00	.00	.00	.00	.00	.00	.16	.05	.09	.09	.23	.14	.14	.00	1.07
19-24	4	0	0	0	0	0	0	1	0	4	0	0	0	4	4	3	0	20
(1)	2.58	.00	.00	.00	.00	.00	.00	.65	.00	2.58	.00	.00	.00	2.58	2.58	1.94	.00	12.90
(2)	.09	.00	.00	.00	.00	.00	.00	.02	.00	.09	.00	.00	.00	.09	.09	.07	.00	.46
GT 24	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3
(1)	.65	.00	.00	.00	.00	.00	.00	.65	.00	.00	.00	.00	.00	.65	.00	.00	.00	1.94
(2)	.02	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.07
ALL SPEEDS	16	15	3	0	4	6	3	9	3	15	15	15	8	18	14	11	0	155
(1)	10.32	9.68	1.94	.00	2.58	3.87	1.94	5.81	1.94	9.68	9.68	9.68	5.16	11.61	9.03	7.10	.00	100.00
(2)	.37	.35	.07	.00	.09	.14	.07	.21	.07	.35	.35	.35	.19	.42	.32	.26	.00	3.59

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 3.69

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	1	2	0	1	1	0	0	0	2	0	0	0	7
(1)	.00	.00	.00	.00	.00	.63	1.26	.00	.63	.63	.00	.00	.00	1.26	.00	.00	.00	4.40
(2)	.00	.00	.00	.00	.00	.02	.05	.00	.02	.02	.00	.00	.00	.05	.00	.00	.00	.16
4-7	3	8	3	4	3	7	2	4	3	3	3	1	2	0	3	0	0	49
(1)	1.89	5.03	1.89	2.52	1.89	4.40	1.26	2.52	1.89	1.89	1.89	.63	1.26	.00	1.89	.00	.00	30.82
(2)	.07	.19	.07	.09	.07	.16	.05	.09	.07	.07	.07	.02	.05	.00	.07	.00	.00	1.14
8-12	2	1	0	0	0	1	4	7	0	3	8	4	4	3	2	3	0	42
(1)	1.26	.63	.00	.00	.00	.63	2.52	4.40	.00	1.89	5.03	2.52	2.52	1.89	1.26	1.89	.00	26.42
(2)	.05	.02	.00	.00	.00	.02	.09	.16	.00	.07	.19	.09	.09	.07	.05	.07	.00	.97
13-18	6	4	0	0	0	0	1	2	4	3	3	1	3	2	3	2	0	34
(1)	3.77	2.52	.00	.00	.00	.00	.63	1.26	2.52	1.89	1.89	.63	1.89	1.26	1.89	1.26	.00	21.38
(2)	.14	.09	.00	.00	.00	.00	.02	.05	.09	.07	.07	.02	.07	.05	.07	.05	.00	.79
19-24	2	3	0	0	0	0	0	1	0	1	0	0	1	7	4	1	0	20
(1)	1.26	1.89	.00	.00	.00	.00	.00	.63	.00	.63	.00	.00	.63	4.40	2.52	.63	.00	12.58
(2)	.05	.07	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.02	.16	.09	.02	.00	.46
GT 24	3	2	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	7
(1)	1.89	1.26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.63	.00	.63	.00	4.40
(2)	.07	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.16
ALL SPEEDS	16	18	3	4	3	9	9	14	8	11	14	6	10	15	12	7	0	159
(1)	10.06	11.32	1.89	2.52	1.89	5.66	5.66	8.81	5.03	6.92	8.81	3.77	6.29	9.43	7.55	4.40	.00	100.00
(2)	.37	.42	.07	.09	.07	.21	.21	.32	.19	.26	.32	.14	.23	.35	.28	.16	.00	3.69

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 30.35

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	5	7	2	8	5	0	2	3	1	1	2	2	1	2	1	5	0	47
(1)	.38	.53	.15	.61	.38	.00	.15	.23	.08	.08	.15	.15	.08	.15	.08	.38	.00	3.59
(2)	.12	.16	.05	.19	.12	.00	.05	.07	.02	.02	.05	.05	.02	.05	.02	.12	.00	1.09
4-7	13	10	21	11	19	18	24	23	15	9	8	7	7	5	8	10	0	208
(1)	.99	.76	1.60	.84	1.45	1.38	1.83	1.76	1.15	.69	.61	.53	.53	.38	.61	.76	.00	15.89
(2)	.30	.23	.49	.26	.44	.42	.56	.53	.35	.21	.19	.16	.16	.12	.19	.23	.00	4.82
8-12	24	11	12	18	29	26	40	54	31	23	20	19	12	12	23	36	0	390
(1)	1.83	.84	.92	1.38	2.22	1.99	3.06	4.13	2.37	1.76	1.53	1.45	.92	.92	1.76	2.75	.00	29.79
(2)	.56	.26	.28	.42	.67	.60	.93	1.25	.72	.53	.46	.44	.28	.28	.53	.83	.00	9.04
13-18	32	23	13	7	6	10	8	74	24	24	38	19	15	40	56	69	0	458
(1)	2.44	1.76	.99	.53	.46	.76	.61	5.65	1.83	1.83	2.90	1.45	1.15	3.06	4.28	5.27	.00	34.99
(2)	.74	.53	.30	.16	.14	.23	.19	1.72	.56	.56	.88	.44	.35	.93	1.30	1.60	.00	10.62
19-24	31	17	6	0	0	0	0	15	5	7	8	1	3	35	21	16	0	165
(1)	2.37	1.30	.46	.00	.00	.00	.00	1.15	.38	.53	.61	.08	.23	2.67	1.60	1.22	.00	12.61
(2)	.72	.39	.14	.00	.00	.00	.00	.35	.12	.16	.19	.02	.07	.81	.49	.37	.00	3.83
GT 24	12	4	0	0	0	0	0	9	0	0	0	1	2	9	2	2	0	41
(1)	.92	.31	.00	.00	.00	.00	.00	.69	.00	.00	.00	.08	.15	.69	.15	.15	.00	3.13
(2)	.28	.09	.00	.00	.00	.00	.00	.21	.00	.00	.00	.02	.05	.21	.05	.05	.00	.95
ALL SPEEDS	117	72	54	44	59	54	74	178	76	64	76	49	40	103	111	138	0	1309
(1)	8.94	5.50	4.13	3.36	4.51	4.13	5.65	13.60	5.81	4.89	5.81	3.74	3.06	7.87	8.48	10.54	.00	100.00
(2)	2.71	1.67	1.25	1.02	1.37	1.25	1.72	4.13	1.76	1.48	1.76	1.14	.93	2.39	2.57	3.20	.00	30.35

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 28.61

	WIND DIRECTION FROM																	
SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	6	2	2	2	4	7	2	4	2	1	0	1	2	2	2	4	0	43
(1)	.49	.16	.16	.16	.32	.57	.16	.32	.16	.08	.00	.08	.16	.16	.16	.32	.00	3.48
(2)	.14	.05	.05	.05	.09	.16	.05	.09	.05	.02	.00	.02	.05	.05	.05	.09	.00	1.00
4-7	8	3	13	13	18	18	11	11	10	14	5	5	3	8	13	9	0	162
(1)	.65	.24	1.05	1.05	1.46	1.46	.89	.89	.81	1.13	.41	.41	.24	.65	1.05	.73	.00	13.13
(2)	.19	.07	.30	.30	.42	.42	.26	.26	.23	.32	.12	.12	.07	.19	.30	.21	.00	3.76
8-12	22	9	11	9	12	22	13	29	27	43	40	32	28	46	59	65	0	467
(1)	1.78	.73	.89	.73	.97	1.78	1.05	2.35	2.19	3.48	3.24	2.59	2.27	3.73	4.78	5.27	.00	37.84
(2)	.51	.21	.26	.21	.28	.51	.30	.67	.63	1.00	.93	.74	.65	1.07	1.37	1.51	.00	10.83
13-18	10	6	0	0	1	0	4	17	76	100	75	23	20	29	60	62	0	483
(1)	.81	.49	.00	.00	.08	.00	.32	1.38	6.16	8.10	6.08	1.86	1.62	2.35	4.86	5.02	.00	39.14
(2)	.23	.14	.00	.00	.02	.00	.09	.39	1.76	2.32	1.74	.53	.46	.67	1.39	1.44	.00	11.20
19-24	3	0	0	0	1	0	0	8	4	27	22	3	2	5	2	1	0	78
(1)	.24	.00	.00	.00	.08	.00	.00	.65	.32	2.19	1.78	.24	.16	.41	.16	.08	.00	6.32
(2)	.07	.00	.00	.00	.02	.00	.00	.19	.09	.63	.51	.07	.05	.12	.05	.02	.00	1.81
GT 24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.08	.00	.00	.00	.00	.00	.00	.00	.08
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	49	20	26	24	36	47	30	69	119	186	142	64	55	90	136	141	0	1234
(1)	3.97	1.62	2.11	1.94	2.92	3.81	2.43	5.59	9.64	15.07	11.51	5.19	4.46	7.29	11.02	11.43	.00	100.00
(2)	1.14	.46	.60	.56	.83	1.09	.70	1.60	2.76	4.31	3.29	1.48	1.28	2.09	3.15	3.27	.00	28.61

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 11.62

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	3	4	1	3	4	1	1	4	2	2	1	1	2	0	2	0	32
(1)	.20	.60	.80	.20	.60	.80	.20	.20	.80	.40	.40	.20	.20	.40	.00	.40	.00	6.39
(2)	.02	.07	.09	.02	.07	.09	.02	.02	.09	.05	.05	.02	.02	.05	.00	.05	.00	.74
4-7	6	0	8	2	8	3	5	5	11	7	7	1	3	7	2	4	0	79
(1)	1.20	.00	1.60	.40	1.60	.60	1.00	1.00	2.20	1.40	1.40	.20	.60	1.40	.40	.80	.00	15.77
(2)	.14	.00	.19	.05	.19	.07	.12	.12	.26	.16	.16	.02	.07	.16	.05	.09	.00	1.83
8-12	9	2	3	0	0	4	10	20	28	23	13	13	18	10	18	28	0	199
(1)	1.80	.40	.60	.00	.00	.80	2.00	3.99	5.59	4.59	2.59	2.59	3.59	2.00	3.59	5.59	.00	39.72
(2)	.21	.05	.07	.00	.00	.09	.23	.46	.65	.53	.30	.30	.42	.23	.42	.65	.00	4.61
13-18	2	0	0	0	0	0	3	15	35	50	19	5	5	10	23	8	0	175
(1)	.40	.00	.00	.00	.00	.00	.60	2.99	6.99	9.98	3.79	1.00	1.00	2.00	4.59	1.60	.00	34.93
(2)	.05	.00	.00	.00	.00	.00	.07	.35	.81	1.16	.44	.12	.12	.23	.53	.19	.00	4.06
19-24	0	0	0	0	0	0	0	0	0	5	11	0	0	0	0	0	0	16
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	1.00	2.20	.00	.00	.00	.00	.00	.00	3.19
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.12	.26	.00	.00	.00	.00	.00	.00	.37
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	18	5	15	3	11	11	19	41	78	87	52	20	27	29	43	42	0	501
(1)	3.59	1.00	2.99	.60	2.20	2.20	3.79	8.18	15.57	17.37	10.38	3.99	5.39	5.79	8.58	8.38	.00	100.00
(2)	.42	.12	.35	.07	.26	.26	.44	.95	1.81	2.02	1.21	.46	.63	.67	1.00	.97	.00	11.62

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 8.95

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.26	.00	.26	.00	.00	.00	.00	.52
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.05
C-3	1	1	3	1	2	0	3	2	1	3	5	5	1	3	0	2	0	33
(1)	.26	.26	.78	.26	.52	.00	.78	.52	.26	.78	1.30	1.30	.26	.78	.00	.52	.00	8.55
(2)	.02	.02	.07	.02	.05	.00	.07	.05	.02	.07	.12	.12	.02	.07	.00	.05	.00	.77
4-7	6	5	5	0	4	2	2	1	5	10	6	8	9	6	5	5	0	79
(1)	1.55	1.30	1.30	.00	1.04	.52	.52	.26	1.30	2.59	1.55	2.07	2.33	1.55	1.30	1.30	.00	20.47
(2)	.14	.12	.12	.00	.09	.05	.05	.02	.12	.23	.14	.19	.21	.14	.12	.12	.00	1.83
8-12	7	1	0	1	0	1	5	10	18	21	12	7	10	14	13	19	0	139
(1)	1.81	.26	.00	.26	.00	.26	1.30	2.59	4.66	5.44	3.11	1.81	2.59	3.63	3.37	4.92	.00	36.01
(2)	.16	.02	.00	.02	.00	.02	.12	.23	.42	.49	.28	.16	.23	.32	.30	.44	.00	3.22
13-18	1	0	0	0	0	4	5	8	21	31	21	8	10	6	12	2	0	129
(1)	.26	.00	.00	.00	.00	1.04	1.30	2.07	5.44	8.03	5.44	2.07	2.59	1.55	3.11	.52	.00	33.42
(2)	.02	.00	.00	.00	.00	.09	.12	.19	.49	.72	.49	.19	.23	.14	.28	.05	.00	2.99
19-24	0	0	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.78	.26	.00	.00	.00	.00	.00	.00	1.04
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.02	.00	.00	.00	.00	.00	.00	.09
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	15	7	8	2	6	7	15	21	45	68	46	28	31	29	30	28	0	386
(1)	3.89	1.81	2.07	.52	1.55	1.81	3.89	5.44	11.66	17.62	11.92	7.25	8.03	7.51	7.77	7.25	.00	100.00
(2)	.35	.16	.19	.05	.14	.16	.35	.49	1.04	1.58	1.07	.65	.72	.67	.70	.65	.00	8.95

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
(2)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PERIOD
C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-66—CCNPP 197' November JFD

CC NOVEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
	WIND DIRECTION FROM																	
CALM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.05
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.05
C-3	13	14	11	12	14	13	10	11	9	8	9	10	5	11	3	13	0	166
(1)	.30	.32	.26	.28	.32	.30	.23	.26	.21	.19	.21	.23	.12	.26	.07	.30	.00	3.85
(2)	.30	.32	.26	.28	.32	.30	.23	.26	.21	.19	.21	.23	.12	.26	.07	.30	.00	3.85
4-7	40	40	60	34	67	58	47	46	47	51	40	28	31	28	32	32	0	681
(1)	.93	.93	1.39	.79	1.55	1.34	1.09	1.07	1.09	1.18	.93	.65	.72	.65	.74	.74	.00	15.79
(2)	.93	.93	1.39	.79	1.55	1.34	1.09	1.07	1.09	1.18	.93	.65	.72	.65	.74	.74	.00	15.79
8-12	108	45	27	28	42	57	82	146	124	145	135	93	79	94	126	167	0	1498
(1)	2.50	1.04	.63	.65	.97	1.32	1.90	3.39	2.88	3.36	3.13	2.16	1.83	2.18	2.92	3.87	.00	34.73
(2)	2.50	1.04	.63	.65	.97	1.32	1.90	3.39	2.88	3.36	3.13	2.16	1.83	2.18	2.92	3.87	.00	34.73
13-18	77	44	15	7	7	14	21	122	163	253	202	71	65	125	181	178	0	1545
(1)	1.79	1.02	.35	.16	.16	.32	.49	2.83	3.78	5.87	4.68	1.65	1.51	2.90	4.20	4.13	.00	35.82
(2)	1.79	1.02	.35	.16	.16	.32	.49	2.83	3.78	5.87	4.68	1.65	1.51	2.90	4.20	4.13	.00	35.82
19-24	43	24	6	0	1	0	0	28	12	56	48	6	7	59	44	24	0	358
(1)	1.00	.56	.14	.00	.02	.00	.00	.65	.28	1.30	1.11	.14	.16	1.37	1.02	.56	.00	8.30
(2)	1.00	.56	.14	.00	.02	.00	.00	.65	.28	1.30	1.11	.14	.16	1.37	1.02	.56	.00	8.30
GT 24	16	6	0	0	0	0	0	11	0	2	0	1	4	15	5	3	0	63
(1)	.37	.14	.00	.00	.00	.00	.00	.26	.00	.05	.00	.02	.09	.35	.12	.07	.00	1.46
(2)	.37	.14	.00	.00	.00	.00	.00	.26	.00	.05	.00	.02	.09	.35	.12	.07	.00	1.46
ALL SPEEDS	297	173	119	81	131	142	160	364	355	515	435	209	192	332	391	417	0	4313
(1)	6.89	4.01	2.76	1.88	3.04	3.29	3.71	8.44	8.23	11.94	10.09	4.85	4.45	7.70	9.07	9.67	.00	100.00
(2)	6.89	4.01	2.76	1.88	3.04	3.29	3.71	8.44	8.23	11.94	10.09	4.85	4.45	7.70	9.07	9.67	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 8.34

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	2	0	0	0	0	0	0	0	0	1	0	0	0	3
(1)	.00	.00	.00	.00	.56	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00	.00	.83
(2)	.00	.00	.00	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.07
4-7	7	5	5	2	2	0	0	0	1	2	5	4	2	1	3	4	0	43
(1)	1.94	1.39	1.39	.56	.56	.00	.00	.00	.28	.56	1.39	1.11	.56	.28	.83	1.11	.00	11.94
(2)	.16	.12	.12	.05	.05	.00	.00	.00	.02	.05	.12	.09	.05	.02	.07	.09	.00	1.00
8-12	17	7	3	1	0	0	0	2	3	17	18	12	8	13	12	5	0	118
(1)	4.72	1.94	.83	.28	.00	.00	.00	.56	.83	4.72	5.00	3.33	2.22	3.61	3.33	1.39	.00	32.78
(2)	.39	.16	.07	.02	.00	.00	.00	.05	.07	.39	.42	.28	.19	.30	.28	.12	.00	2.74
13-18	16	6	2	2	0	0	0	2	3	18	18	16	13	24	17	3	0	140
(1)	4.44	1.67	.56	.56	.00	.00	.00	.56	.83	5.00	5.00	4.44	3.61	6.67	4.72	.83	.00	38.89
(2)	.37	.14	.05	.05	.00	.00	.00	.05	.07	.42	.42	.37	.30	.56	.39	.07	.00	3.25
19-24	3	0	1	0	0	0	0	0	0	2	5	1	2	19	22	0	0	55
(1)	.83	.00	.28	.00	.00	.00	.00	.00	.00	.56	1.39	.28	.56	5.28	6.11	.00	.00	15.28
(2)	.07	.00	.02	.00	.00	.00	.00	.00	.00	.05	.12	.02	.05	.44	.51	.00	.00	1.27
GT 24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.28	.00	.00	.00	.00	.00	.00	.00	.28
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
ALL SPEEDS	43	18	11	5	4	0	0	4	7	40	46	33	25	58	54	12	0	360
(1)	11.94	5.00	3.06	1.39	1.11	.00	.00	1.11	1.94	11.11	12.78	9.17	6.94	16.11	15.00	3.33	.00	100.00
(2)	1.00	.42	.25	.12	.09	.00	.00	.09	.16	.93	1.07	.76	.58	1.34	1.25	.28	.00	8.34

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.20

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
4-7	4	6	1	0	1	1	0	1	0	1	0	4	2	1	2	2	0	26
(1)	2.21	3.31	.55	.00	.55	.55	.00	.55	.00	.55	.00	2.21	1.10	.55	1.10	1.10	.00	14.36
(2)	.09	.14	.02	.00	.02	.02	.00	.02	.00	.02	.00	.09	.05	.02	.05	.05	.00	.60
8-12	8	8	2	0	1	0	1	1	3	7	8	4	3	8	6	5	0	65
(1)	4.42	4.42	1.10	.00	.55	.00	.55	.55	1.66	3.87	4.42	2.21	1.66	4.42	3.31	2.76	.00	35.91
(2)	.19	.19	.05	.00	.02	.00	.02	.02	.07	.16	.19	.09	.07	.19	.14	.12	.00	1.51
13-18	8	4	1	0	0	0	0	0	0	8	4	3	6	7	12	5	0	58
(1)	4.42	2.21	.55	.00	.00	.00	.00	.00	.00	4.42	2.21	1.66	3.31	3.87	6.63	2.76	.00	32.04
(2)	.19	.09	.02	.00	.00	.00	.00	.00	.00	.19	.09	.07	.14	.16	.28	.12	.00	1.34
19-24	1	1	1	0	0	0	0	0	1	1	2	1	1	7	11	1	0	28
(1)	.55	.55	.55	.00	.00	.00	.00	.00	.55	.55	1.10	.55	.55	3.87	6.08	.55	.00	15.47
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.02	.02	.05	.02	.02	.16	.25	.02	.00	.65
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.55	1.66	.00	.00	2.21
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.07	.00	.00	.09
ALL SPEEDS	21	19	5	0	2	1	1	2	4	17	14	12	12	24	34	13	0	181
(1)	11.60	10.50	2.76	.00	1.10	.55	.55	1.10	2.21	9.39	7.73	6.63	6.63	13.26	18.78	7.18	.00	100.00
(2)	.49	.44	.12	.00	.05	.02	.02	.05	.09	.39	.32	.28	.28	.56	.79	.30	.00	4.20

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 4.36

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4
(1)	.53	.53	.53	.00	.00	.00	.00	.00	.53	.00	.00	.00	.00	.00	.00	.00	.00	2.13
(2)	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.09
4-7	2	4	2	2	2	3	1	1	1	1	1	4	5	4	3	1	0	37
(1)	1.06	2.13	1.06	1.06	1.06	1.60	.53	.53	.53	.53	.53	2.13	2.66	2.13	1.60	.53	.00	19.68
(2)	.05	.09	.05	.05	.05	.07	.02	.02	.02	.02	.02	.09	.12	.09	.07	.02	.00	.86
8-12	6	4	2	0	0	2	1	4	5	6	5	5	6	8	5	12	0	71
(1)	3.19	2.13	1.06	.00	.00	1.06	.53	2.13	2.66	3.19	2.66	2.66	3.19	4.26	2.66	6.38	.00	37.77
(2)	.14	.09	.05	.00	.00	.05	.02	.09	.12	.14	.12	.12	.14	.19	.12	.28	.00	1.65
13-18	3	3	2	0	0	0	0	0	2	5	5	3	6	10	12	2	0	53
(1)	1.60	1.60	1.06	.00	.00	.00	.00	.00	1.06	2.66	2.66	1.60	3.19	5.32	6.38	1.06	.00	28.19
(2)	.07	.07	.05	.00	.00	.00	.00	.00	.05	.12	.12	.07	.14	.23	.28	.05	.00	1.23
19-24	0	2	0	0	0	0	0	0	0	0	4	0	0	6	5	1	0	18
(1)	.00	1.06	.00	.00	.00	.00	.00	.00	.00	.00	2.13	.00	.00	3.19	2.66	.53	.00	9.57
(2)	.00	.05	.00	.00	.00	.00	.00	.00	.00	.00	.09	.00	.00	.14	.12	.02	.00	.42
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.53	2.13	.00	.00	2.66
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.09	.00	.00	.12
ALL SPEEDS	12	14	7	2	2	5	2	5	9	12	15	12	17	29	29	16	0	188
(1)	6.38	7.45	3.72	1.06	1.06	2.66	1.06	2.66	4.79	6.38	7.98	6.38	9.04	15.43	15.43	8.51	.00	100.00
(2)	.28	.32	.16	.05	.05	.12	.05	.12	.21	.28	.35	.28	.39	.67	.67	.37	.00	4.36

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 35.33

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	6	6	4	5	0	1	2	0	0	2	2	2	2	3	4	0	42
(1)	.20	.39	.39	.26	.33	.00	.07	.13	.00	.00	.13	.13	.13	.13	.20	.26	.00	2.76
(2)	.07	.14	.14	.09	.12	.00	.02	.05	.00	.00	.05	.05	.05	.05	.07	.09	.00	.97
4-7	26	22	9	17	8	12	6	9	15	8	5	19	21	16	17	12	0	222
(1)	1.71	1.44	.59	1.12	.52	.79	.39	.59	.98	.52	.33	1.25	1.38	1.05	1.12	.79	.00	14.57
(2)	.60	.51	.21	.39	.19	.28	.14	.21	.35	.19	.12	.44	.49	.37	.39	.28	.00	5.15
8-12	54	37	42	36	13	12	22	25	27	29	24	22	16	40	49	71	0	519
(1)	3.54	2.43	2.76	2.36	.85	.79	1.44	1.64	1.77	1.90	1.57	1.44	1.05	2.62	3.22	4.66	.00	34.06
(2)	1.25	.86	.97	.83	.30	.28	.51	.58	.63	.67	.56	.51	.37	.93	1.14	1.65	.00	12.03
13-18	64	67	40	11	0	2	2	16	16	22	31	20	26	46	97	57	0	517
(1)	4.20	4.40	2.62	.72	.00	.13	.13	1.05	1.05	1.44	2.03	1.31	1.71	3.02	6.36	3.74	.00	33.92
(2)	1.48	1.55	.93	.25	.00	.05	.05	.37	.37	.51	.72	.46	.60	1.07	2.25	1.32	.00	11.98
19-24	29	25	14	1	0	0	4	12	7	5	10	3	7	33	29	13	0	192
(1)	1.90	1.64	.92	.07	.00	.00	.26	.79	.46	.33	.66	.20	.46	2.17	1.90	.85	.00	12.60
(2)	.67	.58	.32	.02	.00	.00	.09	.28	.16	.12	.23	.07	.16	.76	.67	.30	.00	4.45
GT 24	4	0	5	0	0	0	3	0	0	0	0	1	3	8	6	2	0	32
(1)	.26	.00	.33	.00	.00	.00	.20	.00	.00	.00	.00	.07	.20	.52	.39	.13	.00	2.10
(2)	.09	.00	.12	.00	.00	.00	.07	.00	.00	.00	.00	.02	.07	.19	.14	.05	.00	.74
ALL SPEEDS	180	157	116	69	26	26	38	64	65	64	72	67	75	145	201	159	0	1524
(1)	11.81	10.30	7.61	4.53	1.71	1.71	2.49	4.20	4.27	4.20	4.72	4.40	4.92	9.51	13.19	10.43	.00	100.00
(2)	4.17	3.64	2.69	1.60	.60	.60	.88	1.48	1.51	1.48	1.67	1.55	1.74	3.36	4.66	3.69	.00	35.33

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 36.07

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	2	2	1	3	1	1	1	1	5	1	4	4	1	3	2	0	35
(1)	.19	.13	.13	.06	.19	.06	.06	.06	.06	.32	.06	.26	.26	.06	.19	.13	.00	2.25
(2)	.07	.05	.05	.02	.07	.02	.02	.02	.02	.12	.02	.09	.09	.02	.07	.05	.00	.81
4-7	14	12	12	10	4	8	11	12	10	5	7	5	13	16	22	19	0	180
(1)	.90	.77	.77	.64	.26	.51	.71	.77	.64	.32	.45	.32	.84	1.03	1.41	1.22	.00	11.57
(2)	.32	.28	.28	.23	.09	.19	.25	.28	.23	.12	.16	.12	.30	.37	.51	.44	.00	4.17
8-12	33	22	16	9	5	12	29	33	41	31	25	30	55	116	127	110	0	694
(1)	2.12	1.41	1.03	.58	.32	.77	1.86	2.12	2.63	1.99	1.61	1.93	3.53	7.46	8.16	7.07	.00	44.60
(2)	.76	.51	.37	.21	.12	.28	.67	.76	.95	.72	.58	.70	1.27	2.69	2.94	2.55	.00	16.09
13-18	14	7	2	0	0	2	5	30	52	91	108	29	34	82	57	35	0	548
(1)	.90	.45	.13	.00	.00	.13	.32	1.93	3.34	5.85	6.94	1.86	2.19	5.27	3.66	2.25	.00	35.22
(2)	.32	.16	.05	.00	.00	.05	.12	.70	1.21	2.11	2.50	.67	.79	1.90	1.32	.81	.00	12.70
19-24	0	1	0	0	0	0	3	10	2	23	36	2	2	15	2	0	0	96
(1)	.00	.06	.00	.00	.00	.00	.19	.64	.13	1.48	2.31	.13	.13	.96	.13	.00	.00	6.17
(2)	.00	.02	.00	.00	.00	.00	.07	.23	.05	.53	.83	.05	.05	.35	.05	.00	.00	2.23
GT 24	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.06	.13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.19
(2)	.00	.00	.00	.00	.00	.00	.02	.05	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07
ALL SPEEDS	64	44	32	20	12	23	50	88	106	155	177	70	108	230	211	166	0	1556
(1)	4.11	2.83	2.06	1.29	.77	1.48	3.21	5.66	6.81	9.96	11.38	4.50	6.94	14.78	13.56	10.67	.00	100.00
(2)	1.48	1.02	.74	.46	.28	.53	1.16	2.04	2.46	3.59	4.10	1.62	2.50	5.33	4.89	3.85	.00	36.07

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 8.81

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	1	2	2	1	2	2	1	2	1	2	3	0	3	2	4	4	0	32
(1)	.26	.53	.53	.26	.53	.53	.26	.53	.26	.53	.79	.00	.79	.53	1.05	1.05	.00	8.42
(2)	.02	.05	.05	.02	.05	.05	.02	.05	.02	.05	.07	.00	.07	.05	.09	.09	.00	.74
4-7	7	3	3	1	4	3	3	8	4	5	7	3	6	9	8	10	0	84
(1)	1.84	.79	.79	.26	1.05	.79	.79	2.11	1.05	1.32	1.84	.79	1.58	2.37	2.11	2.63	.00	22.11
(2)	.16	.07	.07	.02	.09	.07	.07	.19	.09	.12	.16	.07	.14	.21	.19	.23	.00	1.95
8-12	2	1	1	0	2	0	6	6	11	18	21	16	9	22	25	15	0	155
(1)	.53	.26	.26	.00	.53	.00	1.58	1.58	2.89	4.74	5.53	4.21	2.37	5.79	6.58	3.95	.00	40.79
(2)	.05	.02	.02	.00	.05	.00	.14	.14	.25	.42	.49	.37	.21	.51	.58	.35	.00	3.59
13-18	3	0	0	0	0	0	0	1	24	37	22	9	3	3	4	0	0	106
(1)	.79	.00	.00	.00	.00	.00	.00	.26	6.32	9.74	5.79	2.37	.79	.79	1.05	.00	.00	27.89
(2)	.07	.00	.00	.00	.00	.00	.00	.02	.56	.86	.51	.21	.07	.07	.09	.00	.00	2.46
19-24	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	3
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.26	.26	.26	.00	.00	.00	.00	.00	.00	.79
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.00	.00	.00	.00	.00	.00	.07
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	13	6	6	2	8	5	10	17	41	63	54	28	21	36	41	29	0	380
(1)	3.42	1.58	1.58	.53	2.11	1.32	2.63	4.47	10.79	16.58	14.21	7.37	5.53	9.47	10.79	7.63	.00	100.00
(2)	.30	.14	.14	.05	.19	.12	.23	.39	.95	1.46	1.25	.65	.49	.83	.95	.67	.00	8.81

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 2.90

WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	3	2	2	0	0	1	1	0	0	3	0	0	0	0	2	1	0	15
(1)	2.40	1.60	1.60	.00	.00	.80	.80	.00	.00	2.40	.00	.00	.00	.00	1.60	.80	.00	12.00
(2)	.07	.05	.05	.00	.00	.02	.02	.00	.00	.07	.00	.00	.00	.00	.05	.02	.00	.35
4-7	0	0	0	1	2	0	3	2	2	9	2	3	5	4	6	2	0	41
(1)	.00	.00	.00	.80	1.60	.00	2.40	1.60	1.60	7.20	1.60	2.40	4.00	3.20	4.80	1.60	.00	32.80
(2)	.00	.00	.00	.02	.05	.00	.07	.05	.05	.21	.05	.07	.12	.09	.14	.05	.00	.95
8-12	1	0	0	0	0	0	1	6	4	7	7	9	3	3	3	1	0	45
(1)	.80	.00	.00	.00	.00	.00	.80	4.80	3.20	5.60	5.60	7.20	2.40	2.40	2.40	.80	.00	36.00
(2)	.02	.00	.00	.00	.00	.00	.02	.14	.09	.16	.16	.21	.07	.07	.07	.02	.00	1.04
13-18	1	0	0	0	0	0	0	3	7	7	2	1	0	1	0	1	0	23
(1)	.80	.00	.00	.00	.00	.00	.00	2.40	5.60	5.60	1.60	.80	.00	.80	.00	.80	.00	18.40
(2)	.02	.00	.00	.00	.00	.00	.00	.07	.16	.16	.05	.02	.00	.02	.00	.02	.00	.53
19-24	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.80	.00	.00	.00	.00	.00	.00	.00	.80
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.02
GT 24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
ALL SPEEDS	5	2	2	1	2	1	5	11	13	27	11	13	8	8	11	5	0	125
(1)	4.00	1.60	1.60	.80	1.60	.80	4.00	8.80	10.40	21.60	8.80	10.40	6.40	6.40	8.80	4.00	.00	100.00
(2)	.12	.05	.05	.02	.05	.02	.12	.25	.30	.63	.25	.30	.19	.19	.25	.12	.00	2.90

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Table 2.7-67—CCNPP 197' December JFD

CC DECEMBER MET DATA JOINT FREQUENCY DISTRIBUTION (60 METER TOWER)
197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00
WIND DIRECTION FROM

SPEED MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL
CALM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
C-3	11	13	13	6	12	4	4	5	3	10	6	6	9	6	12	11	0	131
(1)	.25	.30	.30	.14	.28	.09	.09	.12	.07	.23	.14	.14	.21	.14	.28	.25	.00	3.04
(2)	.25	.30	.30	.14	.28	.09	.09	.12	.07	.23	.14	.14	.21	.14	.28	.25	.00	3.04
4-7	60	52	32	33	23	27	24	33	33	31	27	42	54	51	61	50	0	633
(1)	1.39	1.21	.74	.76	.53	.63	.56	.76	.76	.72	.63	.97	1.25	1.18	1.41	1.16	.00	14.67
(2)	1.39	1.21	.74	.76	.53	.63	.56	.76	.76	.72	.63	.97	1.25	1.18	1.41	1.16	.00	14.67
8-12	121	79	66	46	21	26	60	77	94	115	108	98	100	210	227	219	0	1667
(1)	2.80	1.83	1.53	1.07	.49	.60	1.39	1.78	2.18	2.67	2.50	2.27	2.32	4.87	5.26	5.08	.00	38.64
(2)	2.80	1.83	1.53	1.07	.49	.60	1.39	1.78	2.18	2.67	2.50	2.27	2.32	4.87	5.26	5.08	.00	38.64
13-18	109	87	47	13	0	4	7	52	104	188	190	81	88	173	199	103	0	1445
(1)	2.53	2.02	1.09	.30	.00	.09	.16	1.21	2.41	4.36	4.40	1.88	2.04	4.01	4.61	2.39	.00	33.50
(2)	2.53	2.02	1.09	.30	.00	.09	.16	1.21	2.41	4.36	4.40	1.88	2.04	4.01	4.61	2.39	.00	33.50
19-24	33	29	16	1	0	0	7	22	11	33	58	7	12	80	69	15	0	393
(1)	.76	.67	.37	.02	.00	.00	.16	.51	.25	.76	1.34	.16	.28	1.85	1.60	.35	.00	9.11
(2)	.76	.67	.37	.02	.00	.00	.16	.51	.25	.76	1.34	.16	.28	1.85	1.60	.35	.00	9.11
GT 24	4	0	5	0	0	0	4	2	0	1	0	1	3	10	13	2	0	45
(1)	.09	.00	.12	.00	.00	.00	.09	.05	.00	.02	.00	.02	.07	.23	.30	.05	.00	1.04
(2)	.09	.00	.12	.00	.00	.00	.09	.05	.00	.02	.00	.02	.07	.23	.30	.05	.00	1.04
ALL SPEEDS	338	260	179	99	56	61	106	191	245	378	389	235	266	530	581	400	0	4314
(1)	7.83	6.03	4.15	2.29	1.30	1.41	2.46	4.43	5.68	8.76	9.02	5.45	6.17	12.29	13.47	9.27	.00	100.00
(2)	7.83	6.03	4.15	2.29	1.30	1.41	2.46	4.43	5.68	8.76	9.02	5.45	6.17	12.29	13.47	9.27	.00	100.00

(1)=PERCENT OF ALL GOOD OBSERVATIONS FOR THIS PAGE
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C= CALM (WIND SPEED LESS THAN OR EQUAL TO 0.50 MPH)

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Table 2.7-68—Monthly Mean Wind Speed and Prevailing Wind Direction

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/ Washington International Airport	mph	9.4	9.9	10.6	10.2	8.9	8.3	7.7	7.6	7.9	8.2	9.0	9.0	8.9
	deg	290	300	300	300	280	250	250	250	270	270	280	290	280
Norfolk, VA	mph	11.3	11.8	12.2	11.8	10.3	9.6	9.0	8.7	9.7	10.1	10.4	10.8	10.5
	deg	360	360	230	220	230	230	230	220	50	50	230	230	230
Richmond, VA	mph	8.3	8.7	9.3	9.2	7.9	7.5	7.1	6.6	7.0	7.2	7.7	7.9	7.9
	deg	10	10	360	190	190	200	190	190	360	360	190	360	190

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Table 2.7-69—Monthly Maximum Two Minute Wind Speed and Direction

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/ Washington International Airport	mph	40	40	41	36	39	38	40	34	34	31	36	41	41
	deg	300	290	280	320	290	280	280	280	260	290	270	280	280
Norfolk, VA	mph	43	41	41	36	40	36	36	46	36	29	31	37	46
	deg	20	70	220	60	70	280	30	110	60	10	200	260	110
Richmond, VA	mph	38	39	37	46	41	45	33	44	40	37	36	40	46
	deg	310	220	220	330	300	260	290	360	10	100	160	150	330

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Table 2.7-70—Monthly Maximum Five Second Wind Speed and Direction

SITE		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
Baltimore/ Washington International Airport	mph	53	49	53	52	51	46	48	53	44	40	44	54	54
	deg	280	290	280	150	310	310	280	270	270	270	270	280	280
Norfolk, VA	mph	54	53	49	44	52	58	51	67	46	40	43	47	67
	deg	20	340	220	30	60	290	40	220	290	330	170	250	220
Richmond, VA	mph	48	49	49	56	60	55	44	59	53	46	46	48	60
	deg	310	260	220	250	280	270	290	320	80	100	160	160	280

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Table 2.7-71—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2000

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	158	55	22	15	14	9	2	2	1	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	282
	56	76	83	89	94	97	98	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
NNE	176	63	35	13	12	4	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	308
	57	78	89	93	97	98	99	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NE	159	54	25	8	4	3	3	4	3	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	267
	60	80	89	92	94	95	96	97	99	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	
ENE	156	33	17	9	2	4	2	1	0	2	1	0	1	0	0	2	0	0	0	0	0	0	0	0	0	230
	68	82	90	93	94	96	97	97	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
E	112	35	12	7	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	65	85	92	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	76	26	4	2	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112
	68	91	95	96	96	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	110	19	7	2	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	141
	78	91	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	139	41	27	15	6	1	4	1	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	238
	58	76	87	93	96	96	98	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
S	192	49	25	14	5	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	287
	67	84	93	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-71—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2000

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	227	86	36	16	11	8	0	2	5	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	394
	58	79	89	93	95	97	97	98	99	99	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	
SW	234	103	45	23	22	17	8	10	4	4	1	2	1	0	0	1	0	0	1	1	0	0	0	0	0	477
	49	71	80	85	90	93	95	97	98	99	99	99	99	99	99	100	100	100	100	100	0	0	0	0	0	
WSW	216	82	23	20	9	5	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	359
	60	83	89	95	97	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	198	53	29	3	6	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	295
	67	85	95	96	98	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	203	66	32	10	8	3	3	3	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	332
	61	81	91	94	96	97	98	99	99	100	100	100	100	100	100	100	100	100	100	100	100	0	0	0	0	
NW	202	58	36	15	13	11	5	4	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	350
	58	74	85	89	93	96	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	157	50	18	8	2	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	241
	65	86	93	97	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2715	873	393	180	118	73	36	31	24	16	5	6	3	3	0	4	2	0	1	1	1	0	0	0	0	4485

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Table 2.7-72—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2001

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	143	60	35	26	9	5	5	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	292
	49	70	82	90	93	95	97	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	183	65	33	7	4	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300
	61	83	94	96	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	159	41	17	10	7	5	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
	66	83	90	94	97	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	111	47	15	2	1	4	1	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	59	84	93	94	94	96	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	116	31	16	2	2	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	171
	68	86	95	96	98	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
ESE	109	30	8	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154
	71	90	95	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	99	37	17	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	158
	63	86	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	129	49	28	16	11	5	5	3	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	249
	52	71	83	89	94	96	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
S	195	63	28	13	13	5	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	321
	61	80	89	93	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-72—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2001

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	253	75	59	31	15	4	3	6	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	449
	56	73	86	93	96	97	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SW	258	104	42	27	24	16	10	2	11	3	0	2	2	2	0	0	2	0	0	1	0	0	0	0	0	506
	51	72	80	85	90	93	95	95	98	98	98	99	99	99	99	99	100	100	100	100	0	0	0	0	0	
WSW	240	66	39	16	6	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	376
	64	81	92	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	175	51	17	6	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	69	89	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	194	58	26	8	10	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	301
	64	84	92	95	98	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	179	59	26	20	13	8	4	3	2	2	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	320
	56	74	83	89	93	95	97	98	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	
NNW	162	45	20	13	6	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	254
	64	81	89	94	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2705	881	426	205	127	73	39	30	21	6	5	3	6	3	1	0	2	0	0	1	0	0	0	0	0	4534

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Table 2.7-73—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2002

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	145	70	37	15	13	6	5	7	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300
	48	72	84	89	93	95	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	165	73	27	19	7	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	299
	55	80	89	95	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	144	51	26	11	9	2	1	3	1	3	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	254
	57	77	87	91	95	96	96	97	98	99	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	
ENE	124	37	21	9	5	5	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	206
	60	78	88	93	95	98	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	95	30	15	0	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	66	86	97	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	94	24	3	2	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	128
	73	92	95	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	124	36	12	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	178
	70	90	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	127	49	20	12	11	7	1	2	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	237
	54	74	83	88	92	95	96	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	149	62	24	13	8	6	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	267
	56	79	88	93	96	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-73—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2002

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
SSW	213	85	41	20	11	10	5	2	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	54	76	86	92	94	97	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	238	95	54	20	19	12	8	8	8	8	3	4	2	0	0	2	0	0	1	1	0	0	0	0	1	484
	49	69	80	84	88	90	92	94	95	97	98	99	99	99	99	99	99	99	100	100	100	100	100	100	100	
WSW	214	67	26	17	11	4	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	342
	63	82	90	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	177	44	20	12	3	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	259
	68	85	93	98	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	170	51	7	12	8	3	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	257
	66	86	89	93	96	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	144	68	34	18	10	3	3	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	286
	50	74	86	92	96	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	147	60	23	19	11	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
	55	78	86	93	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2470	902	390	202	134	71	31	37	24	16	8	7	2	0	1	2	1	0	1	1	0	0	0	0	1	4301

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Table 2.7-74—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2003

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	145	73	34	13	10	9	4	4	1	2	3	1	0	1	0	1	0	0	0	0	0	0	0	0	0	301
	48	72	84	88	91	94	96	97	97	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	
NNE	180	68	36	18	6	5	3	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	320
	56	78	89	94	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	161	57	21	13	7	7	2	1	2	1	2	1	2	0	0	0	1	0	1	0	0	0	1	0	0	280
	58	78	85	90	93	95	96	96	97	97	98	98	99	99	99	99	99	99	100	100	100	100	100	0	0	
ENE	114	40	17	12	2	3	4	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	198
	58	78	86	92	93	95	97	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	
E	111	26	12	7	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	159
	70	86	94	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	110	22	8	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	146
	75	90	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	134	30	16	8	4	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	68	83	91	95	97	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	139	56	33	11	6	11	3	4	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	267
	52	73	85	90	92	96	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	173	68	28	15	13	2	1	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	304
	57	79	88	93	98	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-74—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2003

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	220	75	32	22	7	7	0	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
	59	80	88	94	96	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	248	77	40	30	12	8	9	5	4	4	4	0	1	1	2	1	0	0	0	0	0	0	0	0	0	446
	56	73	82	89	91	93	95	96	97	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	
WSW	214	69	29	13	6	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335
	64	84	93	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	202	43	17	11	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280
	72	88	94	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	202	60	26	9	4	7	1	2	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	314
	64	83	92	95	96	98	98	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NW	198	63	38	21	6	6	5	2	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	343
	58	76	87	93	95	97	98	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNW	148	56	14	13	4	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239
	62	85	91	97	98	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2699	883	401	219	99	71	38	26	16	15	13	5	3	4	2	2	1	0	1	0	0	0	1	0	1	4500

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Table 2.7-75—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2004

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	151	61	39	23	10	2	2	4	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	295
	51	72	85	93	96	97	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNE	185	59	34	13	9	1	5	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	309
	60	79	90	94	97	97	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NE	156	54	19	8	10	5	1	1	0	0	2	0	0	1	0	0	1	0	0	0	0	0	0	0	0	258
	60	81	89	92	96	98	98	98	98	98	99	99	99	100	100	100	100	0	0	0	0	0	0	0	0	
ENE	142	46	21	8	5	3	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	229
	62	82	91	95	97	98	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	145	31	15	5	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	201
	72	88	95	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	128	18	10	3	5	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	168
	76	87	93	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	121	41	15	4	2	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187
	65	87	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	136	42	23	16	11	5	9	4	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	248
	55	72	81	88	92	94	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	194	65	33	15	10	2	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	321
	60	81	91	96	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-75—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2004

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	226	82	51	22	16	9	3	2	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	415
	54	74	87	92	96	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SW	241	88	45	26	18	6	9	8	5	7	5	5	1	0	0	0	0	0	1	1	0	0	0	0	0	466
	52	71	80	86	90	91	93	95	96	97	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	
WSW	251	64	33	10	6	6	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	375
	67	84	93	95	97	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	192	51	15	7	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	268
	72	91	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	173	63	23	12	3	3	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	280
	62	84	93	97	98	99	99	100	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	
NW	166	62	32	21	8	3	2	3	2	2	1	0	0	2	1	1	0	0	0	0	0	0	0	0	0	306
	54	75	85	92	94	95	96	97	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	
NNW	175	38	18	8	2	3	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	248
	71	86	93	96	97	98	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2782	865	426	201	120	53	37	29	13	13	12	10	3	4	1	1	1	1	1	1	0	0	0	0	0	4574

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Table 2.7-76—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	157	69	35	15	10	13	6	1	6	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	315
	50	72	83	88	91	95	97	97	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
NNE	199	67	26	14	7	6	2	4	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	327
	61	81	89	94	96	98	98	99	99	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
NE	151	45	29	13	8	7	2	4	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	264
	57	74	85	90	93	96	97	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
ENE	142	49	15	7	6	4	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	226
	63	85	91	94	97	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	116	37	17	8	6	5	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	191
	61	80	89	93	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	122	22	11	4	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
	75	89	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	135	37	4	6	4	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	189
	71	91	93	96	98	99	99	99	99	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
SSE	129	49	31	15	9	9	5	4	1	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	254
	51	70	82	88	92	95	97	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
S	176	47	37	16	2	9	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290
	61	77	90	95	96	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-76—CCNPP 33 Feet Wind Direction Persistence Summary for Year 2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	208	71	31	17	10	5	4	0	2	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	351
	59	79	88	93	96	97	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	232	75	45	23	24	9	11	4	2	4	2	1	1	2	0	0	0	0	0	1	0	0	0	0	0	436
	53	70	81	86	92	94	96	97	97	98	99	99	99	100	100	100	100	100	100	100	0	0	0	0	0	
WSW	222	65	36	12	8	4	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	350
	63	82	92	96	98	99	99	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
W	210	62	22	5	3	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	308
	68	88	95	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	189	56	17	14	4	3	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
	65	84	90	95	96	97	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	160	72	23	16	11	4	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	291
	55	80	88	93	97	98	99	99	99	99	99	99	99	99	99	99	99	99	99	99	100	100	100	100	100	
NNW	133	35	19	5	3	2	2	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	204
	65	82	92	94	96	97	98	98	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	2681	858	398	190	118	83	40	26	19	12	3	5	1	6	3	2	1	0	0	1	1	0	0	0	1	4449

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Table 2.7-77—CCNPP 33 Feet Average Wind Direction Persistence Summary for Years 2000-2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	150	65	34	18	11	7	4	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	298
	50	72	84	90	93	96	97	98	99	83	83	66	66	67	50	33	17	0	0	0	0	0	0	0	0	0
NNE	181	66	32	14	8	4	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	311
	58	80	90	94	97	98	99	99	83	66	50	50	50	33	17	17	0	0	0	0	0	0	0	0	0	0
NE	155	50	23	11	8	5	2	2	2	1	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	261
	60	79	88	92	95	97	97	98	99	99	99	82	83	83	67	67	50	17	17	17	17	17	17	0	0	0
ENE	132	42	18	8	4	4	2	2	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	213
	62	82	90	94	95	97	98	98	82	83	66	66	33	33	33	33	17	17	17	17	17	17	17	17	17	0
E	116	32	15	5	3	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
	67	85	94	97	98	83	83	83	50	33	33	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0
ESE	107	24	7	3	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	145
	73	90	95	97	99	83	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	121	33	12	4	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	175
	69	88	95	97	99	83	66	66	33	33	33	17	17	17	17	17	0	0	0	0	0	0	0	0	0	0
SSE	133	48	27	14	9	6	5	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	249
	54	73	84	89	93	95	97	99	99	100	100	67	50	17	0	0	0	0	0	0	0	0	0	0	0	0
S	180	59	29	14	9	4	2	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	298
	60	80	90	95	98	99	100	100	83	50	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Table 2.7-77—CCNPP 33 Feet Average Wind Direction Persistence Summary for Years 2000-2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	225	79	42	21	12	7	3	3	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	395
	57	77	87	93	96	97	98	99	99	100	100	83	50	17	17	17	17	0	0	0	0	0	0	0	0	0
SW	242	90	45	25	20	11	9	6	6	5	3	2	1	1	0	1	0	0	1	1	0	0	0	0	0	469
	52	71	81	86	90	92	94	96	97	98	99	99	99	99	100	100	83	83	83	83	17	17	17	17	17	0
WSW	226	69	31	15	8	5	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	356
	64	83	92	96	98	99	99	83	83	50	33	33	17	17	17	17	17	0	0	0	0	0	0	0	0	0
W	192	51	20	7	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	277
	69	88	95	98	99	83	83	67	50	17	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	189	59	22	11	6	4	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	296
	64	84	91	95	97	98	99	99	100	83	50	50	50	50	33	33	33	33	17	17	17	0	0	0	0	0
NW	175	64	32	19	10	6	3	3	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	316
	55	76	86	91	95	96	98	98	99	99	83	83	66	66	50	33	17	17	17	17	17	17	17	17	17	0
NNW	154	47	19	11	5	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	242
	64	83	91	95	97	98	99	99	83	50	33	33	17	17	17	0	0	0	0	0	0	0	0	0	0	0
TOTAL	2675	877	406	200	119	71	37	30	20	13	8	6	3	3	1	2	1	0	1	1	0	0	0	0	1	4474

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Table 2.7-78—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2000

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	146	60	37	19	12	17	2	3	1	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	305
	48	68	80	86	90	95	96	97	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNE	165	70	22	18	13	3	4	3	2	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	305
	54	77	84	90	94	95	97	98	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
NE	141	53	25	8	4	2	0	0	0	1	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	237
	59	82	92	96	97	98	98	98	98	99	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	
ENE	115	42	15	12	2	5	3	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	199
	58	79	86	92	93	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	103	30	9	5	2	4	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	157
	66	85	90	94	95	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	77	21	9	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112
	69	88	96	96	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	96	29	21	5	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	154
	62	81	95	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	112	35	28	19	4	11	5	2	3	1	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	224
2	50	66	78	87	88	93	96	96	98	98	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
S	154	41	28	16	7	6	2	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	258

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Table 2.7-78—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2000

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
	60	76	86	93	95	98	98	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSW	174	65	34	20	14	6	3	10	3	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	333
	52	72	82	88	92	94	95	98	99	99	99	99	99	100	100	100	100	100	100	100	0	0	0	0	0	
SW	167	85	36	16	11	11	11	4	5	1	1	2	4	0	0	0	1	0	0	0	1	0	0	0	0	356
	47	71	81	85	88	92	95	96	97	97	98	98	99	99	99	99	100	100	100	100	100	0	0	0	0	
WSW	158	49	28	18	8	4	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	270
	59	77	87	94	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	128	43	20	11	7	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	215
	60	80	89	94	97	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	163	64	34	19	9	5	3	1	1	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	302
	54	75	86	93	96	97	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NW	166	53	37	26	11	9	4	5	3	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	317
	52	69	81	89	92	95	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	160	54	27	22	10	4	2	3	4	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	291
	55	74	83	90	94	95	96	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2225	794	410	235	117	92	44	37	28	15	13	7	8	3	1	3	1	0	0	1	1	0	0	0	0	4035

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Table 2.7-79—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2001

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	133	62	39	18	16	6	6	1	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	286
	47	68	82	88	94	96	98	98	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
NNE	149	52	29	17	9	6	4	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271
	55	74	85	91	94	97	98	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	136	34	20	9	4	3	2	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	210
	65	81	90	95	97	98	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
ENE	122	32	17	7	1	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	185
	66	83	92	96	97	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	125	44	16	5	2	2	1	1	0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	200
	63	85	93	95	96	97	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	93	32	14	3	6	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	151
	62	83	92	94	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	119	33	11	8	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
	69	88	94	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	118	43	35	27	15	6	5	5	1	1	1	1	0	2	0	0	0	0	0	0	1	0	0	0	0	261
	45	62	75	85	91	93	95	97	98	98	98	99	99	100	100	100	100	100	100	100	100	0	0	0	0	
S	176	51	33	19	9	12	4	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	308
	57	74	84	91	94	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-79—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2001

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	174	72	43	35	17	13	5	3	4	3	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	372
	47	66	78	87	92	95	97	97	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
SW	165	73	37	25	25	10	2	6	1	3	3	3	2	0	1	0	1	0	0	0	0	0	0	0	0	357
	46	67	77	84	91	94	94	96	96	97	98	99	99	99	100	100	100	0	0	0	0	0	0	0	0	
WSW	155	64	34	7	10	3	3	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	279
	56	78	91	93	97	98	99	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	
W	123	49	23	7	2	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	59	83	94	97	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	139	39	23	10	2	7	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	225
	62	79	89	94	95	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NW	178	55	32	18	13	8	6	2	0	4	2	1	0	1	0	1	0	1	1	0	0	0	0	0	0	323
	55	72	82	88	92	94	96	97	97	98	98	99	99	99	99	99	99	100	100	0	0	0	0	0	0	
NNW	136	64	18	24	9	8	12	5	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	281
	48	71	78	86	89	92	96	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2241	799	424	239	141	90	52	40	12	21	7	9	2	4	4	1	1	1	1	0	1	0	0	0	0	4090

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Table 2.7-80—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2002

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	125	61	42	30	14	7	5	1	4	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	292
	43	64	78	88	93	96	97	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNE	149	62	30	18	13	11	5	3	5	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	299
	50	71	81	87	91	95	96	97	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
NE	139	51	20	6	5	2	1	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	231
	60	82	91	94	96	97	97	97	98	98	98	99	99	100	100	100	100	100	100	100	100	100	0	0	0	
ENE	124	24	13	5	4	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	177
	70	84	91	94	96	97	98	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	81	34	13	4	2	1	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	139
	58	83	92	95	96	97	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	86	28	13	3	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
	64	84	94	96	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	101	36	11	10	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	162
	62	85	91	98	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	94	50	26	17	11	9	5	3	2	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	226
	42	64	75	83	88	92	94	95	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
S	126	57	39	21	10	9	1	3	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	269
	47	68	83	90	94	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-80—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2002

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	153	78	53	26	15	8	5	1	5	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	349
	44	66	81	89	93	95	97	97	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
SW	163	60	34	36	16	4	5	7	5	5	4	3	2	0	0	0	2	1	0	0	0	0	0	0	1	348
	47	64	74	84	89	90	91	93	95	96	97	98	99	99	99	99	99	100	100	100	100	100	100	100	100	
WSW	164	52	16	9	11	7	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	62	82	88	92	96	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	126	33	22	11	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	64	81	92	97	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	147	50	18	15	12	4	3	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	254
	58	78	85	91	95	97	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
NW	145	57	30	14	13	7	7	1	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	280
	52	72	83	88	93	95	98	98	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
NNW	114	50	36	18	18	7	7	0	6	1	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	260
	44	63	77	84	91	93	96	96	98	99	99	99	99	100	100	100	0	0	0	0	0	0	0	0	0	
TOTAL	2037	783	416	243	148	83	52	25	34	20	14	11	4	5	0	1	2	1	0	0	0	1	0	0	1	3881

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Table 2.7-81—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2003

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	124	61	39	15	13	13	8	8	2	1	3	0	0	0	0	2	0	0	1	0	0	0	0	0	0	290
	43	64	77	82	87	91	94	97	98	98	99	99	99	99	99	100	100	100	100	0	0	0	0	0	0	
NNE	161	65	36	20	4	8	2	1	1	3	1	2	0	0	0	0	0	0	1	0	0	0	0	0	0	305
	53	74	86	92	94	96	97	97	98	99	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	
NE	137	50	22	8	5	3	3	3	1	4	2	1	1	0	1	0	0	0	1	0	0	0	0	0	0	242
	57	77	86	90	92	93	94	95	96	98	98	99	99	99	100	100	100	100	100	0	0	0	0	0	0	
ENE	138	34	12	4	4	1	6	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	202
	68	85	91	93	95	96	99	99	99	99	99	99	99	99	99	99	100	100	100	0	0	0	0	0	0	
E	99	26	14	13	0	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	156
	63	80	89	97	97	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	99	30	14	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	149
	66	87	96	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	134	42	14	10	3	3	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	209
	64	84	91	96	97	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	124	56	37	15	16	5	5	5	1	3	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	271
	46	66	80	86	92	93	95	97	97	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
S	162	54	32	21	12	8	1	1	3	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	295
	55	73	84	91	95	98	98	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-81—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2003

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	159	58	28	21	9	11	7	2	4	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	302
	53	72	81	88	91	95	97	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
SW	177	75	22	26	6	7	7	9	3	3	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	340
	52	74	81	88	90	92	94	97	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	
WSW	146	48	23	12	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	239
	61	81	91	96	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	141	47	22	6	5	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	223
	63	84	94	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	145	65	22	17	4	4	2	0	4	0	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	267
	54	79	87	93	95	96	97	97	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
NW	138	62	39	17	7	14	2	1	3	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	290
	48	69	82	88	91	96	96	97	98	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
NNW	122	58	20	14	8	6	6	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	240
	51	75	83	89	93	95	98	98	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2206	831	396	220	102	91	56	32	26	18	16	8	4	5	2	2	1	0	4	0	0	0	0	0	0	4020

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Table 2.7-82—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2004

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	145	49	37	21	23	10	6	5	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	301
	48	64	77	84	91	95	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
NNE	156	59	21	14	12	4	7	3	2	0	0	2	0	0	0	1	2	0	0	0	0	0	1	0	0	284
	55	76	83	88	92	94	96	97	98	98	98	99	99	99	99	99	100	100	100	100	100	100	100	0	0	
NE	133	44	23	16	3	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	223
	60	79	90	97	98	98	99	99	99	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	
ENE	129	37	17	11	5	4	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	205
	63	81	89	95	97	99	99	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
E	115	30	9	12	3	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173
	66	84	89	96	98	98	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	111	30	10	5	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	165
	67	85	92	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	134	36	18	8	6	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	208
	64	82	90	94	97	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SSE	131	46	36	20	9	7	6	1	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	263
	50	67	81	89	92	95	97	97	98	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	
S	159	62	35	11	14	8	2	3	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	297
	54	74	86	90	95	97	98	99	99	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-82—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2004

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	192	77	52	25	11	8	7	6	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	384
	50	70	84	90	93	95	97	98	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
SW	179	74	41	22	12	5	5	7	4	4	4	0	1	1	0	0	1	1	0	0	0	0	0	0	0	361
	50	70	81	88	91	92	94	96	97	98	99	99	99	99	99	99	100	100	0	0	0	0	0	0	0	
WSW	157	44	22	11	7	4	1	1	2	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	251
	63	80	89	93	96	98	98	98	99	100	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	
W	152	45	22	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	222
	68	89	99	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	157	50	21	8	9	2	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	252
	62	82	90	94	97	98	98	98	98	98	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	
NW	145	55	30	16	15	6	4	4	1	1	1	1	0	0	0	0	0	1	1	0	1	0	0	0	1	283
	51	71	81	87	92	94	96	97	98	98	98	99	99	99	99	99	99	99	99	99	100	100	100	100	100	
NNW	135	58	26	10	8	10	4	1	2	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	258
	52	75	85	89	92	96	97	98	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	2330	796	420	211	142	73	47	38	22	14	7	9	5	1	1	1	3	2	3	1	1	0	1	1	1	4130

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Table 2.7-83—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	134	69	43	19	17	7	13	2	1	0	3	1	0	0	0	0	0	0	0	0	1	0	0	0	0	310
	43	65	79	85	91	93	97	98	98	98	99	100	100	100	100	100	100	100	100	100	100	0	0	0	0	
NNE	158	66	33	19	13	13	4	4	1	2	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	318
	50	70	81	87	91	95	96	97	98	98	99	99	100	0	0	0	0	0	0	0	0	0	0	0	0	
NE	147	46	17	11	4	6	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235
	63	82	89	94	96	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ENE	131	56	10	7	2	2	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	211
	62	89	93	97	98	99	99	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	
E	129	38	14	12	7	5	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	209
	62	80	87	92	96	98	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ESE	115	39	14	3	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	176
	65	88	95	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SE	143	48	19	7	3	0	0	1	2	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	225
	64	85	93	96	98	98	98	98	99	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
SSE	143	59	35	15	14	7	5	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	284
	50	71	83	89	94	96	98	99	99	99	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	
S	154	45	29	16	11	10	3	4	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	275
	56	72	83	89	93	96	97	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	

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Table 2.7-83—CCNPP 197 Feet Wind Direction Persistence Summary for Year 2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	152	65	38	18	12	7	3	2	1	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	0	304
	50	71	84	90	94	96	97	98	98	99	99	99	99	99	100	0	0	0	0	0	0	0	0	0	0	
SW	167	64	34	15	15	8	5	3	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	317
	53	73	84	88	93	96	97	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
WSW	152	46	31	15	12	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	58	75	87	93	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
W	133	48	19	6	0	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	212
	63	85	94	97	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
WNW	182	45	16	10	9	3	3	1	2	1	0	1	0	0	2	0	0	0	0	1	0	0	0	0	1	277
	66	82	88	91	95	96	97	97	98	98	98	99	99	99	99	99	99	99	99	100	100	100	100	100	100	
NW	161	50	30	19	11	5	5	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	285
	56	74	85	91	95	97	99	99	100	100	100	100	100	100	100	100	100	0	0	0	0	0	0	0	0	
NNW	144	40	24	12	11	5	2	4	2	1	4	0	0	0	0	1	0	0	0	0	0	0	0	0	0	250
	58	74	83	88	92	94	95	97	98	98	100	100	100	100	100	100	0	0	0	0	0	0	0	0	0	
TOTAL	2345	824	406	204	145	85	53	30	16	12	9	5	4	2	4	1	2	0	0	1	1	0	0	0	2	4151

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Table 2.7-84—CCNPP 197 Feet Average Wind Direction Persistence Summary for Years 2000-2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																									
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
N	135	60	40	20	16	10	7	3	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	297
	45	66	79	86	91	94	97	98	98	99	99	100	100	83	50	33	33	33	33	17	17	0	0	0	0	0
NNE	156	62	29	18	11	8	4	3	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	297
	53	74	83	89	93	95	97	98	99	99	83	83	67	50	50	33	33	33	33	17	17	17	17	0	0	0
NE	139	46	21	10	4	3	2	1	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	230
	61	81	90	94	96	97	98	98	82	82	82	83	83	83	67	67	50	50	50	33	17	17	0	0	0	0
ENE	127	38	14	8	3	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	197
	65	84	90	95	96	98	99	100	83	83	83	67	33	33	17	17	17	17	17	0	0	0	0	0	0	0
E	109	34	13	9	3	3	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	172
	63	83	90	95	96	98	99	99	83	66	33	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ESE	97	30	12	3	3	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	148
	66	86	94	96	98	99	83	66	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SE	121	37	16	8	3	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	189
	64	84	92	97	98	99	99	100	50	33	33	33	17	17	17	17	17	0	0	0	0	0	0	0	0	0
SSE	120	48	33	19	12	8	5	3	2	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	255
	47	66	79	87	91	94	96	97	98	99	99	100	83	83	67	67	50	50	50	50	50	33	33	33	17	0
S	155	52	33	17	11	9	2	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284
	55	73	84	91	94	97	98	99	100	100	67	50	50	33	17	0	0	0	0	0	0	0	0	0	0	0

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Table 2.7-84—CCNPP 197 Feet Average Wind Direction Persistence Summary for Years 2000-2005

	DIRECTION PERSISTENCE (HOURS)/PERCENT																								
SECTOR	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
SSW	167	69	41	24	13	9	5	4	3	2	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	341
	49	70	82	89	93	95	97	98	99	99	99	100	83	67	50	17	17	17	17	17	0	0	0	0	0	0
SW	170	72	34	23	14	8	6	6	4	3	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0	347
	49	70	80	86	90	93	94	96	97	98	99	99	83	83	83	66	67	50	33	33	33	17	17	17	17	0
WSW	155	51	26	12	9	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	261
	60	79	89	94	97	98	99	66	66	33	33	33	33	33	33	17	17	17	17	0	0	0	0	0	0	0
W	134	44	21	7	3	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	213
	63	84	94	97	98	99	100	67	33	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WNW	156	52	22	13	8	4	2	1	2	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	263
	59	79	88	93	96	97	98	98	99	99	83	83	83	67	33	33	33	33	33	17	17	17	17	17	17	0
NW	156	55	33	18	12	8	5	3	2	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	296
	52	71	82	89	93	95	97	98	98	99	99	83	83	66	50	50	50	33	33	17	17	17	17	17	17	0
NNW	135	54	25	17	11	7	6	2	3	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	263
	51	72	82	88	92	94	96	97	98	99	100	83	67	33	33	33	0	0	0	0	0	0	0	0	0	0
TOTAL	2231	805	412	225	133	86	51	34	23	17	11	8	5	3	2	2	2	1	1	1	1	0	0	0	1	4051

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Table 2.7-85—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2000

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	113	62	35	39	28	26	19	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	334
	34	52	63	75	83	91	96	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	302	49	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	364
	83	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	300	55	12	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
	81	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	381	198	68	44	27	16	3	8	9	8	11	7	8	5	7	7	4	4	1	4	0	1	2	3	9	835
	46	69	77	83	86	88	88	89	90	91	93	93	94	95	96	97	97	98	98	98	98	98	99	99	100	
E	273	133	70	47	32	30	23	20	11	19	8	11	6	5	1	3	0	1	0	0	0	0	0	0	0	693
	39	59	69	75	80	84	88	91	92	95	96	98	99	99	99	100	100	100	0	0	0	0	0	0	0	
F	204	73	44	17	13	11	4	2	3	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	375
	54	74	86	90	94	97	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	58	27	21	12	9	14	3	4	3	7	2	1	2	3	2	0	0	0	0	0	0	0	0	0	0	168
	35	51	63	70	76	84	86	88	90	94	95	96	97	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1631	597	261	163	109	99	52	42	29	35	23	19	17	14	10	10	4	5	1	4	0	1	2	3	9	3140

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Table 2.7-86—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2001

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	129	65	34	29	40	34	32	20	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	392
	33	49	58	66	76	84	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	305	46	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	363
	84	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	288	47	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347
	83	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	373	193	81	37	23	18	12	8	12	5	7	8	5	3	7	2	4	2	4	4	0	2	0	0	5	815
	46	69	79	84	87	89	90	91	93	93	94	95	96	96	97	97	98	98	99	99	99	99	99	99	100	
E	310	130	78	48	36	28	15	12	13	9	7	6	8	7	2	3	0	0	0	0	0	0	0	0	0	712
	44	62	73	79	85	88	91	92	94	95	96	97	98	99	100	100	0	0	0	0	0	0	0	0	0	
F	262	102	39	33	15	14	7	4	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	482
	54	76	84	90	94	96	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	79	35	23	19	11	7	9	5	4	6	4	3	2	1	1	0	0	0	0	0	0	0	0	0	0	209
	38	55	66	75	80	83	88	90	92	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1746	618	275	169	126	101	75	49	38	24	19	17	16	11	10	5	4	2	4	4	0	2	0	0	5	3320

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Table 2.7-87—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2002

	STABILITY PERSISTENCE (HOURS)/PERCENT																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	101	53	36	40	25	26	34	12	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	332
	30	46	57	69	77	85	95	98	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	275	47	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	331
	83	97	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	264	62	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	336
	79	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	348	186	99	32	26	17	16	10	9	7	7	3	5	6	1	3	3	2	1	3	1	1	1	0	13	800
	44	67	79	83	86	89	91	92	93	94	95	95	96	96	97	97	97	98	98	98	98	98	98	98	100	
E	291	126	61	47	42	28	22	28	12	8	9	12	8	3	4	4	0	0	0	0	0	1	0	0	0	706
	41	59	68	74	80	84	87	91	93	94	95	97	98	99	99	100	100	100	100	100	100	100	0	0	0	
F	217	84	40	34	25	8	7	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420
	52	72	81	89	95	97	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	75	32	26	14	10	8	5	4	2	4	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	183
	41	58	73	80	86	90	93	95	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1571	590	278	169	129	87	84	54	28	22	20	15	13	10	5	7	3	2	1	3	1	2	1	0	13	3108

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Table 2.7-88—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2003

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	100	50	26	29	25	12	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	251
	40	60	70	82	92	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	207	47	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
	76	93	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	287	49	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	348
	82	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	314	190	101	44	36	27	19	12	14	3	4	8	2	3	3	7	7	2	1	3	1	1	4	0	10	816
	38	62	74	80	84	87	90	91	93	93	94	95	95	95	96	96	97	98	98	98	98	98	99	99	100	
E	285	140	69	42	48	31	17	20	11	11	11	14	6	5	3	7	0	1	0	1	0	0	0	0	0	722
	39	59	68	74	81	85	88	90	92	93	95	97	98	98	99	100	100	100	100	100	0	0	0	0	0	
F	198	85	58	23	13	8	6	3	1	3	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	403
	49	70	85	90	94	96	97	98	98	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	73	31	17	16	12	9	4	2	2	4	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	179
	41	58	68	77	83	88	91	92	93	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1464	592	296	158	135	87	52	40	28	21	22	25	10	9	7	14	7	3	1	4	1	1	4	0	10	2991

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Table 2.7-89—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2004

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	106	46	35	22	25	24	21	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	285
	37	53	66	73	82	91	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	226	63	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	298
	76	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	284	51	9	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	348
	82	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	289	191	103	52	30	24	18	28	10	13	12	6	5	3	7	2	5	4	2	1	2	3	0	3	12	825
	35	58	71	77	81	84	86	89	90	92	93	94	95	95	96	96	97	97	97	98	98	98	98	99	100	
E	267	103	91	56	33	35	25	23	11	10	10	8	6	5	2	0	0	0	0	0	0	0	0	0	0	685
	39	54	67	75	80	85	89	92	94	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	
F	196	81	44	28	16	7	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	381
	51	73	84	92	96	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	52	34	11	14	10	3	6	5	1	2	4	0	4	2	1	0	0	0	0	0	0	0	0	0	0	149
	35	58	65	74	81	83	87	91	91	93	95	95	98	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1420	569	300	176	114	95	71	63	27	26	27	14	15	10	10	2	5	4	2	1	2	3	0	3	12	2971

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Table 2.7-90—CCNPP 33 Feet Annual Stability Persistence Summary for Year 2005

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	101	42	30	13	18	20	21	27	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	285
	35	50	61	65	72	79	86	95	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	215	47	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	272
	79	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	273	54	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	343
	80	95	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	294	159	109	48	36	27	19	11	14	8	8	5	6	5	2	6	3	4	8	4	1	0	0	3	7	787
	37	58	71	78	82	86	88	89	91	92	93	94	95	95	95	96	97	97	98	99	99	99	99	99	100	
E	309	98	65	52	37	26	20	16	8	11	5	14	2	6	5	0	1	0	0	0	0	0	0	0	0	675
	46	60	70	78	83	87	90	92	93	95	96	98	98	99	100	100	100	0	0	0	0	0	0	0	0	
F	203	86	44	32	13	10	8	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	405
	50	71	82	90	93	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	70	19	21	20	4	12	9	6	1	1	5	6	2	4	1	0	0	0	0	0	0	0	0	0	0	181
	39	49	61	72	74	81	86	89	90	90	93	96	97	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1465	505	292	168	108	95	77	64	36	23	19	26	10	15	8	6	4	4	8	4	1	0	0	3	7	2948

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Table 2.7-91—CCNPP 33 Feet Annual Stability Persistence Summary for Years 2000-2005

	STABILITY PERSISTENCE (HOURS)/PERCENT																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	108	53	33	29	27	24	22	13	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	313
	35	52	63	72	80	88	95	98	83	50	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	255	50	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	317
	80	96	99	100	50	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	283	53	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	349
	81	96	99	100	67	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	333	186	94	43	30	22	15	13	11	7	8	6	5	4	5	5	4	3	3	3	1	1	1	2	9	813
	41	64	75	81	84	87	89	90	92	93	94	94	95	95	96	97	97	98	98	98	98	98	99	99	100	0
E	289	122	72	49	38	30	20	20	11	11	8	11	6	5	3	3	0	0	0	0	0	0	0	0	0	699
	41	59	69	76	82	86	89	91	93	95	96	98	98	99	100	83	67	50	33	33	17	17	0	0	0	0
F	213	85	45	28	16	10	6	3	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	411
	52	73	84	90	94	97	98	99	99	100	100	50	50	17	0	0	0	0	0	0	0	0	0	0	0	0
G	68	30	20	16	9	9	6	4	2	4	4	2	2	2	1	0	0	0	0	0	0	0	0	0	0	178
	38	55	66	75	80	85	89	91	92	94	96	97	98	99	83	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1550	579	284	167	120	94	69	52	31	25	22	19	14	12	8	7	5	3	3	3	1	2	1	2	9	3080

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Table 2.7-92—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2000

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	113	62	36	39	28	26	19	8	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335
	34	52	63	75	83	91	96	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	304	49	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	366
	83	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	300	55	12	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	371
	81	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	383	197	68	42	26	16	3	9	9	8	11	7	8	5	7	7	4	4	1	4	0	1	2	3	9	834
	46	70	78	83	86	88	88	89	90	91	93	93	94	95	96	97	97	98	98	98	98	98	99	99	100	
E	273	131	71	45	30	30	23	20	11	19	8	11	6	5	2	3	0	1	0	0	0	0	0	0	0	689
	40	59	69	75	80	84	88	90	92	95	96	98	98	99	99	100	100	100	0	0	0	0	0	0	0	
F	204	73	44	17	13	11	4	2	3	0	2	0	1	1	0	0	0	0	0	0	0	0	0	0	0	375
	54	74	86	90	94	97	98	98	99	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	
G	57	27	21	12	9	14	3	4	3	7	2	1	2	3	2	0	0	0	0	0	0	0	0	0	0	167
	34	50	63	70	75	84	86	88	90	94	95	96	97	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1634	594	263	159	106	99	52	43	29	35	23	19	17	14	11	10	4	5	1	4	0	1	2	3	9	3137

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Table 2.7-93—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2001

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	130	65	34	29	40	34	32	20	7	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	393
	33	50	58	66	76	84	93	98	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	305	46	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	363
	84	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	288	47	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	347
	83	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	375	194	80	37	23	18	12	8	12	5	7	8	5	3	7	2	4	2	4	4	0	2	0	0	5	817
	46	70	79	84	87	89	90	91	93	94	94	95	96	96	97	97	98	98	99	99	99	99	99	99	100	
E	310	131	78	48	36	28	15	12	13	9	7	6	8	8	2	3	0	0	0	0	0	0	0	0	0	714
	43	62	73	79	84	88	90	92	94	95	96	97	98	99	100	100	0	0	0	0	0	0	0	0	0	
F	262	102	39	33	15	14	7	4	2	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	482
	54	76	84	90	94	96	98	99	99	100	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	77	36	24	19	11	7	9	5	5	6	4	2	2	1	1	0	0	0	0	0	0	0	0	0	0	209
	37	54	66	75	80	83	88	90	92	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1747	621	275	169	126	101	75	49	39	24	19	16	16	12	10	5	4	2	4	4	0	2	0	0	5	3325

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Table 2.7-94—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2002

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	100	53	36	40	27	27	33	14	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	335
	30	46	56	68	76	84	94	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	281	47	8	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	337
	83	97	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	270	62	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	342
	79	97	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	352	189	98	32	26	17	15	10	9	8	7	3	5	6	1	3	3	3	1	3	1	1	1	0	13	807
	44	67	79	83	86	88	90	92	93	94	95	95	96	96	96	97	97	98	98	98	98	98	98	98	100	
E	287	127	59	47	44	28	22	29	12	9	9	12	8	3	4	4	0	0	0	0	0	1	0	0	0	705
	41	59	67	74	80	84	87	91	93	94	95	97	98	99	99	100	100	100	100	100	100	100	0	0	0	
F	219	83	41	32	25	8	7	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420
	52	72	82	89	95	97	99	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	71	32	26	15	10	10	4	5	2	4	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	183
	39	56	70	79	84	90	92	95	96	98	99	99	99	100	0	0	0	0	0	0	0	0	0	0	0	
TOTAL	1580	593	276	168	133	90	81	58	28	24	21	15	13	10	5	7	3	3	1	3	1	2	1	0	13	3129

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Table 2.7-95—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2003

	STABILITY PERSISTENCE (HOURS)/PERCENT																									
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	100	50	26	29	25	12	6	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	251
	40	60	70	82	92	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	208	47	15	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	273
	76	93	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	289	49	10	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350
	83	97	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	310	190	99	46	36	27	19	12	14	3	4	8	2	3	3	7	7	2	1	3	1	1	4	0	10	812
	38	62	74	79	84	87	90	91	93	93	94	95	95	95	96	96	97	98	98	98	98	98	99	99	100	
E	287	137	69	41	47	30	17	20	11	11	11	15	6	5	3	7	0	1	0	0	0	0	0	0	0	718
	40	59	69	74	81	85	87	90	92	93	95	97	98	98	99	100	100	100	0	0	0	0	0	0	0	
F	194	83	58	23	13	7	6	3	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	396
	49	70	85	90	94	95	97	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	
G	71	32	17	16	12	9	4	2	2	4	4	2	1	1	1	0	0	0	0	0	0	0	0	0	0	178
	40	58	67	76	83	88	90	92	93	95	97	98	99	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1459	588	294	159	134	85	52	40	28	20	23	26	10	9	7	14	7	3	1	3	1	1	4	0	10	2978

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Table 2.7-96—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2004

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	106	46	35	21	25	24	21	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	284
	37	54	66	73	82	90	98	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	225	63	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	297
	76	97	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	284	51	9	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	348
	82	96	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	289	191	104	52	30	24	18	28	10	13	12	6	5	3	7	2	4	4	3	1	2	3	0	3	12	826
	35	58	71	77	81	84	86	89	90	92	93	94	95	95	96	96	97	97	97	98	98	98	98	99	100	
E	267	105	91	56	33	35	25	23	11	10	10	8	6	5	2	0	0	0	0	0	0	0	0	0	0	687
	39	54	67	76	80	85	89	92	94	95	97	98	99	100	100	0	0	0	0	0	0	0	0	0	0	
F	197	82	44	28	15	7	1	2	4	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	382
	52	73	85	92	96	98	98	98	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	53	34	11	13	10	3	6	5	1	2	4	0	4	2	1	0	0	0	0	0	0	0	0	0	0	149
	36	58	66	74	81	83	87	91	91	93	95	95	98	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1421	572	301	174	113	95	71	63	27	26	27	14	15	10	10	2	4	4	3	1	2	3	0	3	12	2973

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Table 2.7-97—CCNPP 197 Feet Annual Stability Persistence Summary for Year 2005

	STABILITY PERSISTENCE (HOURS)/PERCENT																								
STABILITY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	GT.24	TOTAL
A	101	42	30	13	18	20	21	27	11	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	285
	35	50	61	65	72	79	86	95	99	100	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	
B	214	47	8	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	271
	79	96	99	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
C	273	54	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	343
	80	95	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
D	293	158	109	48	37	24	19	11	14	9	9	5	7	4	2	6	3	4	8	4	1	0	0	3	7	785
	37	57	71	77	82	85	88	89	91	92	93	94	95	95	95	96	97	97	98	99	99	99	99	99	100	
E	308	98	65	52	37	26	20	16	8	11	5	14	2	7	5	0	1	0	0	0	0	0	0	0	0	675
	46	60	70	77	83	87	90	92	93	95	96	98	98	99	100	100	100	0	0	0	0	0	0	0	0	
F	205	86	45	32	13	10	8	4	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	408
	50	71	82	90	93	96	98	99	99	100	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
G	73	19	21	20	4	12	9	6	1	1	5	6	2	4	1	0	0	0	0	0	0	0	0	0	0	184
	40	50	61	72	74	81	86	89	90	90	93	96	97	99	100	0	0	0	0	0	0	0	0	0	0	
TOTAL	1467	504	293	168	109	92	77	64	36	24	20	26	11	15	8	6	4	4	8	4	1	0	0	3	7	2951

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Table 2.7-98—CCNPP 197 Feet Annual Stability Persistence Summary for Years 2000-2005

	STABILITY PERSISTENCE (HOURS)/PERCENT																									
STABILITY	**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**	**10**	**11**	**12**	**13**	**14**	**15**	**16**	**17**	**18**	**19**	**20**	**21**	**22**	**23**	**24**	**GT.24**	**TOTAL**
A	108	53	33	29	27	24	22	13	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	314
	35	52	62	72	80	87	94	99	83	50	17	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0
B	256	50	10	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	318
	80	96	99	100	50	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C	284	53	11	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350
	81	96	99	100	67	33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
D	334	187	93	43	30	21	14	13	11	8	8	6	5	4	5	5	4	3	3	3	1	1	1	2	9	814
	41	64	75	81	84	87	89	90	92	93	94	94	95	95	96	97	97	98	98	98	98	98	99	99	100	0
E	289	122	72	48	38	30	20	20	11	12	8	11	6	6	3	3	0	0	0	0	0	0	0	0	0	698
	42	59	69	76	81	86	89	91	93	95	96	98	98	99	100	83	67	50	17	17	17	17	0	0	0	0
F	214	85	45	28	16	10	6	3	2	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	411
	52	73	84	90	94	97	98	99	99	100	100	50	50	17	0	0	0	0	0	0	0	0	0	0	0	0
G	67	30	20	16	9	9	6	5	2	4	4	2	2	2	1	0	0	0	0	0	0	0	0	0	0	178
	38	54	66	74	80	85	88	91	92	94	96	97	98	99	83	0	0	0	0	0	0	0	0	0	0	0
TOTAL	1551	579	284	166	120	94	68	53	31	26	22	19	14	12	9	7	4	4	3	3	1	2	1	2	9	3082

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Table 2.7-99—Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release with Building Wake from 0.5 to 5 Miles with Site Boundary Values

Downwind Sector	χ/Q (sec/m³) Site Boundary	χ/Q (sec/m³) 0.5 miles	χ/Q (sec/m³) 0.75 miles	χ/Q (sec/m³) 1.0 mile	χ/Q (sec/m³) 1.5 miles	χ/Q (sec/m³) 2.0 miles	χ/Q (sec/m³) 2.5 miles	χ/Q (sec/m³) 3.0 miles	χ/Q (sec/m³) 3.5 miles	χ/Q (sec/m³) 4.0 miles	χ/Q (sec/m³) 4.5 miles	χ/Q (sec/m³) 5.0 miles
N	2.885E-06	1.923E-06	1.065E-06	5.811E-07	2.571E-07	1.538E-07	1.055E-07	8.046E-08	6.401E-08	5.261E-08	4.482E-08	3.881E-08
NNE	9.558E-06	3.287E-06	1.754E-06	9.348E-07	3.980E-07	2.333E-07	1.584E-07	1.201E-07	9.528E-08	7.821E-08	6.663E-08	5.773E-08
NE	1.379E-05	5.039E-06	2.711E-06	1.443E-06	6.059E-07	3.491E-07	2.334E-07	1.748E-07	1.372E-07	1.117E-07	9.446E-08	8.134E-08
ENE	4.991E-06	2.038E-06	1.090E-06	5.855E-07	2.525E-07	1.491E-07	1.017E-07	7.731E-08	6.142E-08	5.048E-08	4.303E-08	3.731E-08
E	2.778E-06	1.516E-06	8.448E-07	4.715E-07	2.135E-07	1.287E-07	8.848E-08	6.751E-08	5.374E-08	4.421E-08	3.773E-08	3.273E-08
ESE	2.486E-06	1.987E-06	1.123E-06	6.238E-07	2.761E-07	1.627E-07	1.099E-07	8.269E-08	6.509E-08	5.305E-08	4.489E-08	3.866E-08
SE	1.076E-06	2.416E-06	1.464E-06	8.347E-07	3.833E-07	2.214E-07	1.458E-07	1.072E-07	8.261E-08	6.606E-08	5.495E-08	4.660E-08
SSE	5.252E-07	1.381E-06	8.911E-07	5.240E-07	2.393E-07	1.396E-07	9.489E-08	6.969E-08	5.363E-08	4.280E-08	3.554E-08	3.008E-08
S	8.681E-07	1.815E-06	1.127E-06	6.501E-07	3.095E-07	1.771E-07	1.155E-07	8.420E-08	6.481E-08	5.148E-08	4.256E-08	3.589E-08
SSW	8.366E-07	1.599E-06	1.050E-06	6.224E-07	2.824E-07	1.628E-07	1.066E-07	7.786E-08	5.963E-08	4.741E-08	3.922E-08	3.308E-08
SW	4.960E-07	1.557E-06	1.013E-06	5.897E-07	2.619E-07	1.496E-07	9.750E-08	7.102E-08	5.432E-08	4.314E-08	3.568E-08	3.009E-08
WSW	3.802E-07	1.053E-06	7.219E-07	4.396E-07	2.056E-07	1.204E-07	7.956E-08	5.843E-08	4.492E-08	3.580E-08	2.968E-08	2.508E-08
W	2.914E-07	6.742E-07	5.085E-07	3.282E-07	1.627E-07	9.803E-08	6.584E-08	4.888E-08	3.787E-08	3.036E-08	2.528E-08	2.143E-08
WNW	1.127E-07	4.529E-07	3.122E-07	2.012E-07	1.108E-07	6.956E-08	4.823E-08	3.671E-08	2.902E-08	2.365E-08	2.079E-08	1.781E-08
NW	2.545E-07	6.608E-07	4.337E-07	2.685E-07	1.399E-07	8.563E-08	5.846E-08	4.403E-08	3.454E-08	2.799E-08	2.353E-08	2.012E-08
NNW	1.699E-06	1.586E-06	9.808E-07	5.737E-07	2.658E-07	1.580E-07	1.062E-07	7.933E-08	6.190E-08	4.999E-08	4.193E-08	3.580E-08

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Table 2.7-100—Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

Downwind Sector	χ/Q (sec/m³) 7.5 miles	χ/Q (sec/m³) 10 miles	χ/Q (sec/m³) 15 mile	χ/Q (sec/m³) 20 miles	χ/Q (sec/m³) 25 miles	χ/Q (sec/m³) 30 miles	χ/Q (sec/m³) 35 miles	χ/Q (sec/m³) 40 miles	χ/Q (sec/m³) 45 miles	χ/Q (sec/m³) 50 miles
N	2.217E-08	1.608E-08	1.013E-08	7.265E-09	5.602E-09	4.526E-09	3.937E-09	3.363E-09	2.926E-09	2.584E-09
NNE	3.321E-08	2.429E-08	1.555E-08	1.129E-08	8.797E-09	7.170E-09	6.090E-09	5.239E-09	4.773E-09	4.236E-09
NE	4.586E-08	3.318E-08	2.099E-08	1.515E-08	1.236E-08	1.005E-08	8.434E-09	7.247E-09	6.340E-09	5.625E-09
ENE	2.152E-08	1.580E-08	1.018E-08	7.445E-09	6.198E-09	5.078E-09	4.290E-09	3.706E-09	3.258E-09	2.903E-09
E	1.892E-08	1.390E-08	8.963E-09	6.547E-09	5.263E-09	4.304E-09	3.629E-09	3.129E-09	2.746E-09	2.443E-09
ESE	2.176E-08	1.570E-08	9.870E-09	7.089E-09	5.615E-09	4.546E-09	3.802E-09	3.257E-09	2.841E-09	2.514E-09
SE	2.468E-08	1.706E-08	1.011E-08	6.975E-09	5.294E-09	4.183E-09	3.429E-09	2.888E-09	2.482E-09	2.169E-09
SSE	1.578E-08	1.081E-08	6.328E-09	4.322E-09	3.249E-09	2.550E-09	2.079E-09	1.743E-09	1.492E-09	1.299E-09
S	1.862E-08	1.270E-08	7.407E-09	5.053E-09	3.791E-09	2.977E-09	2.429E-09	2.037E-09	1.746E-09	1.522E-09
SSW	1.716E-08	1.170E-08	6.808E-09	4.636E-09	3.470E-09	2.721E-09	2.217E-09	1.857E-09	1.590E-09	1.385E-09
SW	1.562E-08	1.065E-08	6.206E-09	4.230E-09	3.169E-09	2.487E-09	2.078E-09	1.741E-09	1.519E-09	1.322E-09
WSW	1.306E-08	8.908E-09	5.187E-09	3.526E-09	2.614E-09	2.048E-09	1.779E-09	1.486E-09	1.290E-09	1.120E-09
W	1.128E-08	7.736E-09	4.767E-09	3.231E-09	2.399E-09	1.876E-09	1.525E-09	1.275E-09	1.089E-09	9.469E-10
WNW	9.934E-09	6.957E-09	4.180E-09	2.903E-09	2.411E-09	1.901E-09	1.571E-09	1.321E-09	1.234E-09	1.074E-09
NW	1.095E-08	7.658E-09	4.619E-09	3.201E-09	2.677E-09	2.106E-09	1.789E-09	1.499E-09	1.309E-09	1.139E-09
NNW	2.036E-08	1.421E-08	9.444E-09	6.507E-09	5.273E-09	4.148E-09	3.389E-09	2.847E-09	2.442E-09	2.130E-09

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Table 2.7-101—Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release With Building Wake for Nearest Residents

Downwind Sector	Distance meters(miles)	χ/Q (sec/m^3)
SE	1574 (1.0)	8.707E-07
SSE	1969 (1.2)	3.545E-07
S	2206 (1.4)	3.717E-07
SW	1945 (1.2)	4.040E-07
WSW	1634 (1.0)	4.279E-07
W	2074 (1.3)	2.129E-07
WNW	2485 (1.5)	1.053E-07
NW	4097 (2.5)	5.686E-08

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Table 2.7-102—Normal Effluent Annual Average, Undecayed, Undepleted χ/Q Values for Mixed Mode Release With Building Wake for Nearest Gardens

Downwind Sector	Distance meters (miles)	χ/Q (sec/m^3)
SE	1574 (1.0)	8.707E-07
SSE	2130 (1.3)	3.054E-07
S	2206 (1.4)	3.717E-07
SW	2256 (1.4)	3.009E-07
WSW	1634 (1.0)	4.279E-07
W	2529 (1.6)	1.495E-07
WNW	2795 (1.7)	8.776E-08
NW	4097 (2.5)	5.686E-08

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Table 2.7-103—Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release With Building Wake from 0.5 to 5 Miles with Site Boundary Values

Downwind Sector	χ/Q (sec/m³) Site Boundary	χ/Q (sec/m³) 0.5 miles 0.8 km	χ/Q (sec/m³) 0.75 miles 1.21 km	χ/Q (sec/m³) 1.0 mile 1.6 mm	χ/Q (sec/m³) 1.5 miles 2.4 km	χ/Q (sec/m³) 2.0 miles 3.2 km	χ/Q (sec/m³) 2.5 miles 4.0 km	χ/Q (sec/m³) 3.0 miles 4.8 km	χ/Q (sec/m³) 3.5 miles 5.6 km	χ/Q (sec/m³) 4.0 miles 6.4 km	χ/Q (sec/m³) 4.5 miles 7.2 km	χ/Q (sec/m³) 5.0 miles 8.0 km
N	2.677E-06	1.760E-06	9.545E-07	5.149E-07	2.253E-07	1.340E-07	9.153E-08	6.951E-08	5.510E-08	4.513E-08	3.833E-08	3.308E-08
NNE	9.030E-06	3.008E-06	1.570E-06	8.255E-07	3.458E-07	2.007E-07	1.353E-07	1.020E-07	8.050E-08	6.579E-08	5.582E-08	4.818E-08
NE	1.301E-05	4.614E-06	2.427E-06	1.274E-06	5.254E-07	2.990E-07	1.980E-07	1.470E-07	1.146E-07	9.272E-08	7.798E-08	6.680E-08
ENE	4.701E-06	1.870E-06	9.791E-07	5.199E-07	2.212E-07	1.295E-07	8.772E-08	6.629E-08	5.240E-08	4.287E-08	3.639E-08	3.142E-08
E	2.597E-06	1.392E-06	7.627E-07	4.229E-07	1.902E-07	1.141E-07	7.811E-08	5.935E-08	4.707E-08	3.860E-08	3.283E-08	2.839E-08
ESE	2.298E-06	1.823E-06	1.013E-06	5.585E-07	2.449E-07	1.433E-07	9.622E-08	7.202E-08	5.641E-08	4.578E-08	3.859E-08	3.311E-08
SE	9.733E-07	2.220E-06	1.328E-06	7.531E-07	3.439E-07	1.970E-07	1.287E-07	9.395E-08	7.192E-08	5.715E-08	4.727E-08	3.986E-08
SSE	4.789E-07	1.272E-06	8.145E-07	4.778E-07	2.168E-07	1.255E-07	8.487E-08	6.189E-08	4.730E-08	3.752E-08	3.097E-08	2.606E-08
S	7.939E-07	1.680E-06	1.033E-06	5.933E-07	2.816E-07	1.596E-07	1.032E-07	7.458E-08	5.698E-08	4.493E-08	3.689E-08	3.091E-08
SSW	7.759E-07	1.491E-06	9.745E-07	5.766E-07	2.596E-07	1.484E-07	9.633E-08	6.978E-08	5.303E-08	4.186E-08	3.439E-08	2.883E-08
SW	4.573E-07	1.449E-06	9.378E-07	5.444E-07	2.396E-07	1.356E-07	8.756E-08	6.325E-08	4.799E-08	3.784E-08	3.108E-08	2.604E-08
WSW	3.534E-07	9.797E-07	6.711E-07	4.089E-07	1.901E-07	1.104E-07	7.237E-08	5.272E-08	4.022E-08	3.183E-08	2.621E-08	2.201E-08
W	2.753E-07	6.324E-07	4.789E-07	3.101E-07	1.533E-07	9.180E-08	6.126E-08	4.520E-08	3.480E-08	2.774E-08	2.297E-08	1.938E-08
WNW	1.054E-07	4.205E-07	2.897E-07	1.876E-07	1.039E-07	6.502E-08	4.490E-08	3.403E-08	2.678E-08	2.174E-08	1.909E-08	1.629E-08
NW	2.356E-07	6.130E-07	4.005E-07	2.485E-07	1.299E-07	7.919E-08	5.382E-08	4.035E-08	3.151E-08	2.542E-08	2.128E-08	1.812E-08
NNW	1.570E-06	1.462E-06	8.954E-07	5.225E-07	2.408E-07	1.423E-07	9.513E-08	7.063E-08	5.481E-08	4.404E-08	3.676E-08	3.125E-08

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Table 2.7-104—Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

Downwind Sector	χ/Q (sec/m³) 7.5 miles 12.1 km	χ/Q (sec/m³) 10 miles 16.1 km	χ/Q (sec/m³) 15 mile 24.1 km	χ/Q (sec/m³) 20 miles 32.2 km	χ/Q (sec/m³) 25 miles 40.2 km	χ/Q (sec/m³) 30 miles 48.3 km	χ/Q (sec/m³) 35 miles 56.3 km	χ/Q (sec/m³) 40 miles 64.4 km	χ/Q (sec/m³) 45 miles 72.4 km	χ/Q (sec/m³) 50 miles 80.5 km
N	1.868E-08	1.340E-08	8.305E-09	5.878E-09	4.485E-09	3.591E-09	3.132E-09	2.657E-09	2.298E-09	2.017E-09
NNE	2.736E-08	1.978E-08	1.244E-08	8.912E-09	6.869E-09	5.547E-09	4.687E-09	4.003E-09	3.668E-09	3.235E-09
NE	3.698E-08	2.634E-08	1.628E-08	1.156E-08	9.443E-09	7.597E-09	6.315E-09	5.381E-09	4.672E-09	4.115E-09
ENE	1.788E-08	1.297E-08	8.214E-09	5.928E-09	4.961E-09	4.034E-09	3.383E-09	2.904E-09	2.539E-09	2.250E-09
E	1.625E-08	1.183E-08	7.532E-09	5.449E-09	4.371E-09	3.552E-09	2.977E-09	2.554E-09	2.231E-09	1.975E-09
ESE	1.839E-08	1.311E-08	8.101E-09	5.743E-09	4.529E-09	3.635E-09	3.016E-09	2.565E-09	2.224E-09	1.957E-09
SE	2.067E-08	1.403E-08	8.084E-09	5.456E-09	4.081E-09	3.176E-09	2.567E-09	2.135E-09	1.815E-09	1.569E-09
SSE	1.337E-08	8.997E-09	5.116E-09	3.418E-09	2.529E-09	1.956E-09	1.572E-09	1.302E-09	1.102E-09	9.494E-10
S	1.562E-08	1.041E-08	5.855E-09	3.883E-09	2.851E-09	2.195E-09	1.755E-09	1.446E-09	1.219E-09	1.046E-09
SSW	1.457E-08	9.706E-09	5.448E-09	3.606E-09	2.639E-09	2.027E-09	1.617E-09	1.330E-09	1.120E-09	9.590E-10
SW	1.317E-08	8.790E-09	4.952E-09	3.289E-09	2.415E-09	1.861E-09	1.537E-09	1.268E-09	1.093E-09	9.369E-10
WSW	1.117E-08	7.458E-09	4.203E-09	2.785E-09	2.022E-09	1.556E-09	1.345E-09	1.106E-09	9.432E-10	8.070E-10
W	9.991E-09	6.734E-09	4.058E-09	2.695E-09	1.968E-09	1.517E-09	1.216E-09	1.004E-09	8.487E-10	7.291E-10
WNW	8.964E-09	6.202E-09	3.658E-09	2.505E-09	2.078E-09	1.624E-09	1.329E-09	1.107E-09	9.486E-10	8.114E-10
NW	9.709E-09	6.696E-09	3.954E-09	2.695E-09	2.244E-09	1.742E-09	1.426E-09	1.175E-09	9.615E-10	8.199E-10
NNW	1.757E-08	1.208E-08	7.968E-09	5.395E-09	4.271E-09	3.304E-09	2.657E-09	2.194E-09	1.853E-09	1.592E-09

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Table 2.7-105—Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release With Building Wake for Nearest Residents

Downwind Sector	Distance meters (miles)	χ/Q (sec/m^3)
SE	1574 (1.0)	7.859E-07
SSE	1969 (1.2)	3.223E-07
S	2206 (1.4)	3.389E-07
SW	1945 (1.2)	3.717E-07
WSW	1634 (1.0)	3.980E-07
W	2074 (1.3)	2.009E-07
WNW	2485 (1.5)	9.872E-08
NW	4097 (2.5)	5.233E-08

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Table 2.7-106—Normal Effluent Annual Average, Decayed, Depleted χ/Q Values for Mixed Mode Release With Building Wake for Nearest Gardens

Downwind Sector	Distance meters (miles)	χ/Q (sec/m^3)
SE	1574 (1.0)	7.859E-07
SSE	2130 (1.3)	2.773E-07
S	2206 (1.4)	3.389E-07
SW	2256 (1.4)	2.758E-07
WSW	1634 (1.0)	3.980E-07
W	2529 (1.6)	1.407E-07
WNW	2795 (1.7)	8.218E-08
NW	4097 (2.5)	5.233E-08

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Table 2.7-107—Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release With Building Wake from 0.5 to 5 Miles with Site Boundary Values

Downwind Sector	χ/Q (sec/m³) Site Boundary	χ/Q (sec/m³) 0.5 miles 0.8 km	χ/Q (sec/m³) 0.75 miles 1.21 km	χ/Q (sec/m³) 1.0 mile 1.6 mm	χ/Q (sec/m³) 1.5 miles 2.4 km	χ/Q (sec/m³) 2.0 miles 3.2 km	χ/Q (sec/m³) 2.5 miles 4.0 km	χ/Q (sec/m³) 3.0 miles 4.8 km	χ/Q (sec/m³) 3.5 miles 5.6 km	χ/Q (sec/m³) 4.0 miles 6.4 km	χ/Q (sec/m³) 4.5 miles 7.2 km	χ/Q (sec/m³) 5.0 miles 8.0 km
N	1.872E-06	1.415E-06	9.137E-07	5.319E-07	2.442E-07	1.460E-07	9.939E-08	7.527E-08	5.957E-08	4.877E-08	4.143E-08	3.580E-08
NNE	4.043E-06	2.160E-06	1.379E-06	7.991E-07	3.647E-07	2.176E-07	1.481E-07	1.123E-07	8.900E-08	7.299E-08	6.212E-08	5.377E-08
NE	5.769E-06	3.100E-06	1.968E-06	1.135E-06	5.133E-07	3.040E-07	2.057E-07	1.552E-07	1.226E-07	1.002E-07	8.505E-08	7.345E-08
ENE	2.580E-06	1.504E-06	9.617E-07	5.580E-07	2.548E-07	1.519E-07	1.034E-07	7.835E-08	6.210E-08	5.093E-08	4.335E-08	3.752E-08
E	1.905E-06	1.270E-06	8.198E-07	4.771E-07	2.182E-07	1.299E-07	8.814E-08	6.661E-08	5.265E-08	4.308E-08	3.659E-08	3.162E-08
ESE	1.733E-06	1.470E-06	9.407E-07	5.436E-07	2.457E-07	1.449E-07	9.760E-08	7.331E-08	5.765E-08	4.696E-08	3.972E-08	3.420E-08
SE	8.150E-07	1.716E-06	1.100E-06	6.334E-07	2.878E-07	1.671E-07	1.109E-07	8.221E-08	6.389E-08	5.150E-08	4.315E-08	3.683E-08
SSE	4.208E-07	1.113E-06	7.248E-07	4.199E-07	1.884E-07	1.097E-07	7.407E-08	5.484E-08	4.255E-08	3.424E-08	2.864E-08	2.440E-08
S	7.118E-07	1.453E-06	9.258E-07	5.304E-07	2.428E-07	1.394E-07	9.163E-08	6.741E-08	5.224E-08	4.188E-08	3.490E-08	2.965E-08
SSW	6.895E-07	1.370E-06	8.780E-07	5.041E-07	2.225E-07	1.279E-07	8.412E-08	6.187E-08	4.777E-08	3.828E-08	3.190E-08	2.709E-08
SW	3.963E-07	1.286E-06	8.259E-07	4.729E-07	2.081E-07	1.194E-07	7.843E-08	5.763E-08	4.445E-08	3.559E-08	2.964E-08	2.516E-08
WSW	3.261E-07	1.004E-06	6.576E-07	3.815E-07	1.707E-07	9.890E-08	6.536E-08	4.821E-08	3.728E-08	2.990E-08	2.493E-08	2.118E-08
W	2.712E-07	8.038E-07	5.327E-07	3.119E-07	1.414E-07	8.256E-08	5.487E-08	4.065E-08	3.154E-08	2.537E-08	2.120E-08	1.805E-08
WNW	1.171E-07	5.959E-07	3.950E-07	2.331E-07	1.108E-07	6.573E-08	4.426E-08	3.315E-08	2.597E-08	2.105E-08	1.811E-08	1.550E-08
NW	2.580E-07	7.179E-07	4.689E-07	2.742E-07	1.283E-07	7.546E-08	5.053E-08	3.771E-08	2.945E-08	2.383E-08	2.003E-08	1.714E-08
NNW	1.447E-06	1.365E-06	8.820E-07	5.114E-07	2.308E-07	1.352E-07	9.033E-08	6.731E-08	5.253E-08	4.249E-08	3.570E-08	3.054E-08

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Table 2.7-108—Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

Downwind Sector	χ/Q (sec/m³) 7.5 miles	χ/Q (sec/m³) 10 miles	χ/Q (sec/m³) 15 mile	χ/Q (sec/m³) 20 miles	χ/Q (sec/m³) 25 miles	χ/Q (sec/m³) 30 miles	χ/Q (sec/m³) 35 miles	χ/Q (sec/m³) 40 miles	χ/Q (sec/m³) 45 miles	χ/Q (sec/m³) 50 miles
N	2.036E-08	1.475E-08	9.307E-09	6.685E-09	5.162E-09	4.175E-09	3.577E-09	3.058E-09	2.663E-09	2.353E-09
NNE	3.084E-08	2.253E-08	1.439E-08	1.044E-08	8.122E-09	6.613E-09	5.590E-09	4.805E-09	4.301E-09	3.815E-09
NE	4.181E-08	3.040E-08	1.933E-08	1.398E-08	1.119E-08	9.095E-09	7.631E-09	6.554E-09	5.730E-09	5.082E-09
ENE	2.155E-08	1.577E-08	1.011E-08	7.357E-09	5.953E-09	4.856E-09	4.087E-09	3.519E-09	3.084E-09	2.741E-09
E	1.803E-08	1.313E-08	8.360E-09	6.056E-09	4.773E-09	3.885E-09	3.264E-09	2.806E-09	2.456E-09	2.180E-09
ESE	1.924E-08	1.387E-08	8.715E-09	6.254E-09	4.890E-09	3.957E-09	3.308E-09	2.833E-09	2.471E-09	2.186E-09
SE	2.001E-08	1.407E-08	8.532E-09	5.968E-09	4.548E-09	3.620E-09	2.985E-09	2.526E-09	2.179E-09	1.911E-09
SSE	1.314E-08	9.172E-09	5.492E-09	3.804E-09	2.874E-09	2.273E-09	1.864E-09	1.569E-09	1.348E-09	1.178E-09
S	1.582E-08	1.099E-09	6.561E-09	4.538E-09	3.423E-09	2.707E-09	2.220E-09	1.870E-09	1.608E-09	1.405E-09
SSW	1.443E-08	1.001E-09	5.965E-09	4.119E-09	3.102E-09	2.450E-09	2.007E-09	1.689E-09	1.452E-09	1.268E-09
SW	1.337E-08	9.260E-09	5.497E-09	3.787E-09	2.846E-09	2.246E-09	1.861E-09	1.564E-09	1.355E-09	1.183E-09
WSW	1.127E-08	7.797E-09	4.617E-09	3.171E-09	2.366E-09	1.862E-09	1.570E-09	1.316E-09	1.136E-09	9.889E-10
W	9.675E-09	6.726E-09	4.121E-09	2.832E-09	2.118E-09	1.668E-09	1.363E-09	1.44E-09	9.811E-10	8.553E-10
WNW	8.582E-09	6.046E-09	3.667E-09	2.563E-09	2.033E-09	1.614E-09	1.333E-09	1.125E-09	1.007E-09	8.809E-10
NW	9.389E-09	6.622E-09	4.036E-09	2.823E-09	2.258E-09	1.791E-09	1.501E-09	1.266E-09	1.100E-09	9.619E-10
NNW	1.718E-08	1.212E-08	7.752E-09	5.412E-09	4.238E-09	3.366E-09	2.772E-09	2.343E-09	2.020E-09	1.770E-09

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Table 2.7-109—Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release With Building Wake for Nearest Residents

Downwind Sector	Distance meters (mile)	χ/Q (sec/m^3)
SE	1574 (1.0)	6.605E-07
SSE	1969 (1.2)	2.810E-07
S	2206 (1.4)	2.919E-07
SW	1945 (1.2)	3.218E-07
WSW	1634 (1.0)	3.705E-07
W	2074 (1.3)	1.900E-07
WNW	2485 (1.5)	1.046E-07
NW	4097 (2.5)	4.910E-08

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Table 2.7-110—Normal Effluent Annual Average, Undecayed, Undepleted Gamma χ/Q Values for Mixed Mode Release With Building Wake for Nearest Gardens

Downwind Sector	Distance meters (miles)	χ/Q (sec/m^3)
SE	1574 (1.0)	6.605E-07
SSE	2130 (1.3)	2.413E-07
S	2206 (1.4)	2.919E-07
SW	2256 (1.4)	2.391E-07
WSW	1634 (1.0)	3.705E-07
W	2529 (1.6)	1.290E-07
WNW	2795 (1.7)	8.503E-08
NW	4097 (2.5)	4.910E-08

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Table 2.7-111—Normal Effluent Annual Average, D/Q Values for Mixed Mode Release With Building Wake from 0.5 to 5 Miles with Site Boundary Values

Downwind Sector	D/Q ($1/m^2$) Site Boundary	D/Q ($1/m^2$) 0.5 miles 0.8 km	D/Q ($1/m^2$) 0.75 miles 1.21 km	D/Q ($1/m^2$) 1.0 mile 1.6 km	D/Q ($1/m^2$) 1.5 miles 2.4 km	D/Q ($1/m^2$) 2.0 miles 3.2 km	D/Q ($1/m^2$) 2.5 miles 4.0 km	D/Q ($1/m^2$) 3.0 miles 4.8 km	D/Q ($1/m^2$) 3.5 miles 5.6 km	D/Q ($1/m^2$) 4.0 miles 6.4 km	D/Q ($1/m^2$) 4.5 miles 7.2 km	D/Q ($1/m^2$) 5.0 miles 8.0 km
N	1.895E-08	1.322E-08	7.391E-09	3.875E-09	1.472E-09	7.661E-10	4.653E-10	3.197E-10	2.322E-10	1.759E-10	1.390E-10	1.123E-10
NNE	5.101E-08	2.145E-08	1.177E-08	6.016E-09	2.219E-09	1.135E-09	6.822E-10	4.657E-10	3.368E-10	2.545E-10	2.008E-10	1.622E-10
NE	8.617E-08	3.792E-08	2.075E-08	1.057E-08	3.879E-09	1.977E-09	1.184E-09	8.068E-10	5.829E-10	4.402E-10	3.472E-10	2.804E-10
ENE	3.134E-08	1.588E-08	8.994E-09	4.695E-09	1.763E-09	9.143E-10	5.545E-10	3.812E-10	2.773E-10	2.105E-10	1.666E-10	1.349E-10
E	1.978E-08	1.203E-08	6.702E-09	3.472E-09	1.305E-09	6.721E-10	4.053E-10	2.774E-10	2.010E-10	1.522E-10	1.202E-10	9.720E-11
ESE	2.465E-08	1.987E-08	1.081E-08	5.498E-09	2.033E-09	1.032E-09	6.158E-10	4.181E-10	3.012E-10	2.270E-10	1.787E-10	1.441E-10
SE	1.060E-08	2.758E-08	1.520E-08	7.823E-09	2.943E-09	1.496E-09	8.920E-10	6.051E-10	4.355E-10	3.280E-10	2.582E-10	2.081E-10
SSE	4.730E-09	1.508E-08	8.770E-09	4.717E-09	1.846E-09	9.593E-10	5.823E-10	3.982E-10	2.882E-10	2.179E-10	1.721E-10	1.390E-10
S	1.186E-08	2.818E-08	1.604E-08	8.446E-09	3.275E-09	1.690E-09	1.018E-09	6.966E-10	5.050E-10	3.822E-10	3.021E-10	2.443E-10
SSW	9.686E-09	2.181E-08	1.271E-08	6.802E-09	2.649E-09	1.380E-09	8.371E-10	5.751E-10	4.180E-10	3.172E-10	2.511E-10	2.033E-10
SW	5.493E-09	2.151E-08	1.255E-08	6.719E-09	2.616E-09	1.357E-09	8.192E-10	5.607E-10	4.063E-10	3.075E-10	2.431E-10	1.966E-10
WSW	3.580E-09	1.199E-08	7.502E-09	4.250E-09	1.740E-09	9.261E-10	5.680E-10	3.929E-10	2.867E-10	2.179E-10	1.729E-10	1.400E-10
W	2.159E-09	6.673E-09	4.317E-09	2.510E-09	1.053E-09	5.700E-10	3.537E-10	2.466E-10	1.810E-10	1.382E-10	1.098E-10	8.910E-11
WNW	7.963E-10	4.775E-09	3.015E-09	1.737E-09	7.306E-10	3.965E-10	2.468E-10	1.724E-10	1.267E-10	9.681E-11	7.725E-11	6.266E-11
NW	2.465E-09	8.120E-09	4.833E-09	2.646E-09	1.061E-09	5.619E-10	3.445E-10	2.384E-10	1.741E-10	1.326E-10	1.052E-10	8.525E-11
NNW	2.064E-08	1.920E-08	1.103E-08	5.871E-09	2.275E-09	1.184E-09	7.177E-10	4.927E-10	3.578E-10	2.712E-10	2.145E-10	1.735E-10

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Table 2.7-112—Normal Effluent Annual Average, D/Q Values for Mixed Mode Release With Building Wake from 7.5 to 50 Miles

Downwind Sector	D/Q ($1/m^2$) 7.5 miles 12.1 km	D/Q ($1/m^2$) 10 miles 16.1 km	D/Q ($1/m^2$) 15 mile 24.1 km	D/Q ($1/m^2$) 20 miles 32.2 km	D/Q ($1/m^2$) 25 miles 40.2 km	D/Q ($1/m^2$) 30 miles 48.3 km	D/Q ($1/m^2$) 35 miles 56.3 km	D/Q ($1/m^2$) 40 miles 64.4 km	D/Q ($1/m^2$) 45 miles 72.4 km	D/Q ($1/m^2$) 50 miles 80.5 km
N	5.031E-11	3.161E-11	1.627E-11	1.009E-11	7.011E-12	5.187E-12	3.990E-12	3.183E-12	2.596E-12	2.156E-12
NNE	7.259E-11	4.579E-11	2.373E-11	1.478E-11	1.034E-11	7.696E-12	5.956E-12	4.767E-12	3.888E-12	3.234E-12
NE	1.254E-10	7.906E-11	4.100E-11	2.555E-11	1.786E-11	1.329E-11	1.030E-11	8.249E-12	6.744E-12	5.611E-12
ENE	6.088E-11	3.847E-11	2.012E-11	1.265E-11	8.954E-12	6.734E-12	5.259E-12	4.245E-12	3.491E-12	2.917E-12
E	4.350E-11	2.735E-11	1.418E-11	8.878E-12	6.223E-12	4.649E-12	3.614E-12	2.909E-12	2.388E-12	1.994E-12
ESE	6.385E-11	4.000E-11	2.053E-11	1.272E-11	8.795E-12	6.499E-12	5.015E-12	4.011E-12	3.279E-12	2.733E-12
SE	9.188E-11	5.720E-11	2.906E-11	1.793E-11	1.243E-11	9.273E-12	7.278E-12	5.937E-12	4.959E-12	4.244E-12
SSE	6.157E-11	3.806E-11	1.920E-11	1.183E-11	8.188E-12	6.096E-12	4.774E-12	3.884E-12	3.236E-12	2.763E-12
S	1.089E-10	6.795E-11	3.500E-11	2.193E-11	1.539E-11	1.158E-11	9.095E-12	7.412E-12	6.162E-12	5.223E-12
SSW	9.094E-11	5.673E-11	2.926E-11	1.839E-11	1.298E-11	9.821E-12	7.758E-12	6.356E-12	5.308E-12	4.519E-12
SW	8.744E-11	5.427E-11	2.766E-11	1.720E-11	1.198E-11	8.950E-12	7.656E-12	6.425E-12	6.883E-12	6.214E-12
WSW	6.255E-11	3.862E-11	1.952E-11	1.208E-11	8.370E-12	6.195E-12	5.790E-12	4.968E-12	5.869E-12	5.485E-12
W	4.009E-11	2.485E-11	1.266E-11	7.985E-12	5.745E-12	4.473E-12	3.663E-12	3.106E-12	2.678E-12	2.365E-12
WNW	2.827E-11	1.757E-11	9.012E-12	5.644E-12	4.309E-12	3.511E-12	3.334E-12	3.048E-12	4.026E-11	3.979E-11
NW	3.833E-11	2.395E-11	1.238E-11	7.785E-12	6.691E-12	5.943E-12	2.517E-11	2.703E-11	5.502E-11	5.402E-11
NNW	7.758E-11	4.832E-11	2.489E-11	1.618E-11	2.645E-11	3.090E-11	3.475E-11	3.701E-11	3.749E-11	3.831E-11

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Table 2.7-113—Normal Effluent Annual Average, D/Q Values for Mixed Mode Release With Building Wake for Nearest Residents

Downwind Sector*	Distance meters (miles)	D/Q ($1/m^2$)
SE	1574 (1.0)	8.234E-09
SSE	1969 (1.2)	2.960E-09
S	2206 (1.4)	4.068E-09
SW	1945 (1.2)	4.333E-09
WSW	1634 (1.0)	4.115E-09
W	2074 (1.3)	1.465E-09
WNW	2485 (1.5)	6.835E-10
NW	4097 (2.5)	3.322E-10

Note:

* Only includes sectors with residents.

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Table 2.7-114—Normal Effluent Annual Average, D/Q Values for Mixed Mode Release With Building Wake for Nearest Gardens

Downwind Sector*	Distance meters (miles)	D/Q ($1/m^2$)
SE	1574 (1.0)	8.234E-09
SSE	2130 (1.3)	2.475E-09
S	2206 (1.4)	4.068E-09
SW	2256 (1.4)	3.074E-09
WSW	1634 (1.0)	4.115E-09
W	2529 (1.6)	9.487E-10
WNW	2795 (1.7)	5.336E-10
NW	4097 (1.5)	3.322E-10

Note:

* Only includes sectors with residents.

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Table 2.7-115—50th Percentile χ/Q Values

Time Interval (hrs)	Atmospheric Dispersion Factor (sec/m^3) (Nominal, 50% Meteorology)	
	EAB (Worst 2-hr)	LPZ (0-30 days)
LOCA		
0 to 1.5	n/a	1.181E-05
1.5 to 3.5[a]	8.079E-05	1.527E-05
3.5 to 8	n/a	1.181E-05
8 to 24		9.391E-06
24 to 96		6.607E-06
96 to 720		3.987E-06
All Other Accidents		
0 to 2	8.079E-05	1.527E-05
2 to 8	n/a	1.181E-05
8 to 24		9.391E-06
24 to 96		6.607E-06
96 to 720		3.987E-06

a. In accordance with Regulatory Guide 1.183 (Section 4.1.5), the period of most adverse release of radioactive materials to the environment was assumed to occur Coincident with the period of most unfavorable atmospheric dispersion.

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Table 2.7-116—Summary of Ambient Environmental Sound Levels (dBA) for Commonly Used Metrics to Assess Noise Level Impact

Location [a]	Minimum L90 [b]	Average Daytime L90 [c]	Ldn [d]	Ldn [e]
P1	Note (f)	Note (f)	65	65
N1	34	44	55	56
W1	30	40	49	52
W2	37	56	65	66
W3	33	46	59	60
S1	31	43	49	51
S2	30	39	49	51
S3	33	44	53	55

Notes:

(a) See Figure 2.7-207.
(b) Minimum measured hourly L90 over 45 hour survey period.
(c) Arithmetic average of measured hourly L90 for the 28 hours from 7 A.M. to 10 P.M.
(d) Calculated for 24 hours with lowest wind speed, nearly calm or still.
(e) Calculated for 24 hours with increasing wind speed.
(f) Control point located on the CCNPP Units 1 and 2 site area.

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Table 2.7-117—Snow Storm Events in Calvert County

Date	Snow Amount
12/28/1993	No amounts provided
01/06/1996	Calvert County: Approximately 15 in (381 mm) BWI Airport: Approximately 23 in (584 mm)
01/12/1996	4 to 6 in (102 to 152 mm)
02/02/1996	8 to 13 in (203 to 330 mm)
02/02/1996	4 to 6 in (102 to 152 mm) during the afternoon followed by 9 in (229 mm) overnight
02/16/1996	10 to 13 in (254 to 330 mm)
02/08/1997	4 to 8 in (102 to 203 mm)
03/09/1999	4 to 8 in (102 to 203 mm)
01/20/2000	3 to 8 in (76 to 203 mm)
01/25/2000	16.5 in (419 mm) in Hollywood, St. Mary's County
02/22/2001	3 to 7 in (76 to 178 mm)
01/03/2002	1 to 4 in (25 to 102 mm)
01/19/2002	1 to 2 in (25 to 51 mm)
12/05/2002	3 to 5 in (76 to 127 mm)
02/06/2003	5 to 8 in (127 to 203 mm)
02/14/2003	7.5 in (191 mm) of mainly sleet in Hollywood, St. Mary's County
02/26/2003	5 to 8 in (127 to 203 mm)
12/04/2003	1 to 2 in (25 to 51 mm)
12/14/2003	1 to 3 in (25 to 76 mm)
01/17/2004	¼ to 2 in (6 to 51 mm)
01/25/2004	3 to 4 in (76 to 102 mm)
02/24/2005	4 to 8 in (102 to 203 mm)
12/06/2005	4 to 6.5 in (102 to 165 mm)
12/09/2005	1 to 4 in (25 to 102 mm)
02/11/2006	8 to 14 in (203 to 356 mm)

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	1	1	55.9	39.0	46.2
2000	1	2	68.5	50.0	59.0
2000	1	3	70.2	58.8	63.8
2000	1	4	72.7	49.5	63.3
2000	1	5	49.8	38.1	41.6
2000	1	6	46.8	35.2	40.5
2000	1	7	54.5	38.8	44.8
2000	1	8	44.1	34.0	39.6
2000	1	9	49.5	40.8	44.1
2000	1	10	58.1	44.4	51.0
2000	1	11	60.1	42.4	51.4
2000	1	12	53.1	36.9	44.5
2000	1	13	65.3	34.0	47.2
2000	1	14	31.2	23.6	27.4
2000	1	15	35.4	21.6	28.4
2000	1	16	60.3	34.9	45.3
2000	1	17	32.9	20.0	24.3
2000	1	18	20.4	15.7	17.8
2000	1	19	37.6	15.5	28.2
2000	1	20	36.3	28.3	33.0
2000	1	21	26.5	16.8	21.2
2000	1	22	27.0	15.7	21.1
2000	1	23	29.2	26.0	27.9
2000	1	24	37.0	29.2	33.1
2000	1	26	33.8	21.1	27.1
2000	1	27	26.0	17.5	21.1
2000	1	28	32.4	14.8	23.3
2000	1	29	29.9	17.9	24.9
2000	1	30	30.1	22.0	27.1
2000	1	31	34.3	24.3	29.3
2000	2	1	35.4	22.4	29.6
2000	2	2	34.9	23.4	29.6
2000	2	3	43.9	26.5	34.1
2000	2	4	32.9	29.7	31.9
2000	2	5	40.1	31.2	34.8
2000	2	6	39.4	30.6	34.2
2000	2	7	50.4	32.9	41.2
2000	2	8	38.5	27.6	31.0
2000	2	9	51.8	27.0	38.4
2000	2	10	51.1	39.2	44.9
2000	2	11	62.8	41.0	48.8
2000	2	12	39.7	25.6	31.1
2000	2	13	38.1	23.1	32.4
2000	2	14	62.1	37.8	50.8
2000	2	15	45.5	35.4	39.9
2000	2	16	64.8	36.1	49.6
2000	2	17	43.9	33.6	36.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	2	18	46.9	31.5	36.7
2000	2	19	56.1	38.5	46.6
2000	2	20	44.6	36.1	39.6
2000	2	21	43.3	34.3	38.0
2000	2	22	49.6	33.1	41.1
2000	2	23	60.4	34.7	47.5
2000	2	24	69.1	49.8	58.8
2000	2	25	75.6	54.1	63.5
2000	2	26	52.7	41.9	44.0
2000	2	27	65.7	43.2	52.4
2000	2	28	58.8	46.6	52.8
2000	2	29	54.9	39.0	47.8
2000	3	1	61.9	42.8	54.6
2000	3	2	58.6	41.2	50.3
2000	3	3	53.2	34.7	44.2
2000	3	4	51.6	39.6	44.1
2000	3	5	67.6	42.6	55.6
2000	3	6	55.2	41.4	49.0
2000	3	7	66.6	41.0	54.3
2000	3	8	84.0	58.8	70.8
2000	3	9	79.5	64.6	72.1
2000	3	10	69.4	53.6	62.7
2000	3	11	72.0	49.5	56.2
2000	3	12	60.1	37.4	48.9
2000	3	13	44.8	33.1	39.6
2000	3	14	54.1	37.2	46.1
2000	3	15	67.8	47.1	56.0
2000	3	16	68.7	55.6	61.1
2000	3	17	62.4	35.2	49.9
2000	3	18	39.9	29.7	34.1
2000	3	19	46.6	34.2	41.2
2000	3	20	48.2	40.1	43.3
2000	3	21	45.0	42.3	43.8
2000	3	22	46.2	41.9	43.6
2000	3	23	55.2	42.1	48.0
2000	3	24	62.6	50.4	54.7
2000	3	25	75.4	48.4	60.0
2000	3	26	66.6	56.7	61.6
2000	3	27	66.9	50.7	57.2
2000	3	28	59.9	46.0	52.1
2000	3	29	61.2	43.5	51.9
2000	4	1	65.1	44.4	54.3
2000	4	2	69.4	55.0	60.0
2000	4	3	73.2	61.2	66.2
2000	4	4	70.2	46.2	59.9
2000	4	5	61.5	37.4	46.8
2000	4	6	86.2	37.0	62.6
2000	4	7	69.8	47.1	61.5

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	4	8	77.9	40.6	62.4
2000	4	9	53.8	33.1	43.9
2000	4	10	64.9	42.4	53.1
2000	4	11	56.3	51.8	54.2
2000	4	12	57.0	46.6	53.0
2000	4	13	48.9	43.5	46.2
2000	4	14	55.0	43.5	49.6
2000	4	15	57.9	50.2	53.8
2000	4	16	76.1	57.9	65.5
2000	4	17	64.4	49.5	55.6
2000	4	18	50.0	46.4	48.4
2000	4	19	56.1	45.9	50.5
2000	4	20	63.5	45.7	54.5
2000	4	21	67.3	52.5	58.6
2000	4	22	56.5	47.5	52.2
2000	4	23	57.0	46.9	52.5
2000	4	24	62.2	47.7	54.9
2000	4	25	52.9	46.0	49.2
2000	4	26	53.2	45.5	48.8
2000	4	27	51.4	45.7	48.4
2000	4	28	57.2	48.2	52.8
2000	4	29	66.0	50.9	56.6
2000	4	30	64.0	53.4	59.2
2000	5	1	74.7	48.7	63.1
2000	5	2	72.0	58.3	65.5
2000	5	3	69.6	52.0	60.7
2000	5	4	70.9	52.9	63.1
2000	5	5	85.1	63.9	73.3
2000	5	6	85.3	68.5	77.0
2000	5	7	89.8	70.7	79.8
2000	5	8	88.9	69.6	79.0
2000	5	9	87.3	70.9	78.8
2000	5	10	86.2	59.9	75.0
2000	5	11	76.8	55.4	66.1
2000	5	12	88.3	65.3	76.6
2000	5	13	88.3	64.0	76.0
2000	5	14	74.7	61.2	67.9
2000	5	15	66.9	57.7	62.2
2000	5	16	71.2	49.3	62.5
2000	5	17	71.4	57.0	64.8
2000	5	18	85.1	66.9	76.0
2000	5	19	80.2	57.2	71.8
2000	5	20	59.7	55.0	57.3
2000	5	21	63.3	56.5	60.3
2000	5	22	61.3	56.5	59.2
2000	5	23	67.8	58.6	63.8
2000	5	24	84.0	65.8	74.2
2000	5	25	75.6	64.9	70.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	5	26	78.3	62.1	70.4
2000	5	27	69.3	58.5	63.5
2000	5	28	63.1	56.7	60.3
2000	5	29	60.8	55.0	57.8
2000	5	30	59.9	53.8	56.5
2000	6	1	84.7	57.7	72.0
2000	6	2	90.9	64.8	80.2
2000	6	3	69.6	59.0	67.0
2000	6	4	70.3	57.0	63.8
2000	6	5	66.9	58.6	62.5
2000	6	6	62.4	58.6	59.8
2000	6	7	72.9	55.9	63.4
2000	6	8	78.1	59.7	69.4
2000	6	9	85.1	63.5	74.3
2000	6	10	88.0	68.4	78.0
2000	6	11	89.8	71.6	80.2
2000	6	12	88.3	71.4	78.6
2000	6	13	72.0	62.4	66.5
2000	6	14	70.9	61.0	65.5
2000	6	15	84.9	65.7	74.8
2000	6	16	84.0	67.3	76.2
2000	6	17	85.8	72.0	78.1
2000	6	18	86.4	69.8	76.1
2000	6	19	72.7	66.2	68.9
2000	6	20	77.9	65.5	70.1
2000	6	21	82.4	63.0	73.6
2000	6	22	80.8	68.0	74.7
2000	6	23	82.6	68.0	75.6
2000	6	24	82.8	68.4	76.6
2000	6	25	84.4	72.9	78.5
2000	6	26	87.8	71.2	79.0
2000	6	27	86.9	68.7	76.7
2000	6	28	73.0	68.7	70.6
2000	6	29	74.3	65.3	69.5
2000	6	30	75.7	62.1	69.0
2000	7	1	77.9	64.9	71.5
2000	7	2	82.4	64.8	73.4
2000	7	3	84.2	68.9	76.6
2000	7	4	85.1	69.8	77.1
2000	7	5	80.6	70.0	76.2
2000	7	6	79.2	70.3	75.6
2000	7	7	76.6	70.9	74.0
2000	7	8	74.3	65.1	69.8
2000	7	9	84.7	64.2	75.8
2000	7	10	89.6	69.4	80.1
2000	7	11	74.1	66.2	71.1
2000	7	12	76.6	64.6	71.4
2000	7	13	77.7	63.7	70.4

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	7	14	82.2	66.9	73.4
2000	7	15	73.9	63.0	67.3
2000	7	16	74.5	62.8	67.8
2000	7	17	78.1	63.7	71.0
2000	7	18	85.3	67.5	76.9
2000	7	19	77.7	61.7	69.9
2000	7	20	73.2	61.5	67.1
2000	7	21	79.5	64.9	72.5
2000	7	22	77.9	69.4	72.8
2000	7	23	75.7	66.4	72.5
2000	7	24	70.9	66.7	68.9
2000	7	25	69.6	64.4	67.4
2000	7	26	72.1	65.8	68.4
2000	7	27	74.8	65.8	69.6
2000	7	28	79.5	65.3	72.3
2000	7	29	80.2	65.3	72.1
2000	7	30	80.2	71.4	75.2
2000	7	31	82.4	70.2	75.3
2000	8	1	84.9	71.6	77.9
2000	8	2	83.5	72.0	76.9
2000	8	3	80.2	68.5	75.8
2000	8	4	81.9	69.4	73.2
2000	8	5	75.6	67.1	71.2
2000	8	6	76.8	64.6	71.5
2000	8	7	89.8	76.5	82.4
2000	8	8	86.5	74.8	80.5
2000	8	9	86.7	72.1	79.3
2000	8	10	81.9	70.3	76.3
2000	8	11	83.3	70.5	76.4
2000	8	12	75.4	67.1	71.5
2000	8	13	68.5	63.3	66.4
2000	8	14	69.8	63.7	66.3
2000	8	15	79.7	63.0	72.0
2000	8	16	86.2	71.2	77.8
2000	8	17	74.8	63.0	68.7
2000	8	18	74.1	65.7	70.1
2000	8	19	72.7	60.6	67.0
2000	8	20	69.4	57.9	65.6
2000	8	21	70.3	58.6	64.5
2000	8	22	74.3	59.7	67.4
2000	8	23	79.7	62.4	70.7
2000	8	24	78.4	67.5	72.5
2000	8	25	76.1	65.1	72.0
2000	8	26	79.2	63.7	71.4
2000	8	27	78.8	65.5	70.0
2000	8	28	74.5	64.2	69.7
2000	8	29	77.2	69.8	73.0
2000	8	30	75.4	70.9	72.9

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	8	31	79.0	72.0	75.2
2000	9	1	82.2	74.7	77.3
2000	9	2	82.8	71.8	75.6
2000	9	3	79.7	71.4	74.1
2000	9	4	79.7	70.9	74.6
2000	9	5	72.3	59.2	62.7
2000	9	6	66.7	59.4	62.9
2000	9	7	68.0	59.0	63.4
2000	9	8	74.1	58.6	66.6
2000	9	9	77.9	63.7	70.4
2000	9	10	79.5	64.6	71.6
2000	9	11	77.4	65.1	70.9
2000	9	12	81.0	66.6	73.1
2000	9	13	77.4	70.0	73.6
2000	9	14	76.8	67.3	71.9
2000	9	15	72.0	55.4	66.8
2000	9	16	64.6	49.8	57.0
2000	9	17	66.9	49.3	58.1
2000	9	18	68.5	55.6	62.2
2000	9	19	72.0	59.5	65.2
2000	9	20	82.0	59.4	71.6
2000	9	21	75.4	65.1	70.9
2000	9	22	68.7	56.5	63.5
2000	9	23	68.2	62.8	65.4
2000	9	24	75.9	65.7	69.6
2000	9	25	65.1	50.0	55.4
2000	9	26	53.6	49.6	52.0
2000	9	27	63.3	47.1	55.3
2000	9	28	67.8	52.7	60.1
2000	9	29	59.9	52.3	55.9
2000	9	30	63.0	54.5	58.3
2000	10	1	65.8	58.1	62.5
2000	10	2	68.7	58.8	63.2
2000	10	3	81.5	60.3	70.1
2000	10	5	71.1	55.6	67.4
2000	10	6	81.5	63.7	70.2
2000	10	7	62.2	49.8	56.4
2000	10	8	54.5	43.5	48.6
2000	10	9	50.5	38.3	44.2
2000	10	10	61.0	41.4	50.5
2000	10	11	66.9	48.0	57.0
2000	10	12	68.2	51.6	59.1
2000	10	13	72.5	50.0	60.9
2000	10	14	74.3	51.3	63.3
2000	10	15	75.0	53.1	65.0
2000	10	16	73.8	58.1	64.8
2000	10	17	65.8	61.7	63.3
2000	10	18	68.0	60.1	63.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	10	19	69.8	52.0	60.5
2000	10	20	70.0	48.2	59.0
2000	10	21	75.0	55.4	63.4
2000	10	22	65.7	55.0	61.7
2000	10	23	61.5	50.4	56.5
2000	10	24	61.3	48.2	54.7
2000	10	25	65.3	51.6	58.4
2000	10	26	58.3	51.3	56.3
2000	10	27	65.7	57.2	59.6
2000	10	28	66.6	49.8	59.2
2000	10	29	56.3	35.8	47.9
2000	10	30	55.9	39.0	48.6
2000	10	31	57.2	38.8	48.1
2000	11	1	56.8	38.5	49.3
2000	11	2	57.4	45.7	52.4
2000	11	3	61.9	42.4	53.9
2000	11	4	63.7	53.4	58.4
2000	11	5	56.7	44.2	51.2
2000	11	6	53.6	38.5	46.3
2000	11	7	55.8	38.5	48.8
2000	11	8	58.6	46.6	53.6
2000	11	9	61.0	55.0	58.5
2000	11	10	64.8	49.5	57.1
2000	11	11	59.0	48.6	52.7
2000	11	12	51.3	43.0	46.9
2000	11	13	55.0	40.5	48.2
2000	11	14	52.7	38.5	48.5
2000	11	15	45.7	35.6	39.7
2000	11	16	50.0	30.6	42.6
2000	11	17	55.8	36.3	46.9
2000	11	18	43.2	31.0	37.5
2000	11	19	38.5	32.7	36.1
2000	11	20	48.2	31.4	37.3
2000	11	21	36.7	27.2	31.6
2000	11	22	34.3	23.6	29.1
2000	11	23	35.8	25.4	30.7
2000	11	24	38.5	29.2	34.0
2000	11	25	51.3	34.9	41.0
2000	11	26	59.5	47.5	52.5
2000	11	27	56.1	45.3	50.0
2000	11	28	53.8	36.9	45.9
2000	11	29	47.5	32.7	42.2
2000	11	30	45.5	36.1	40.7
2000	12	1	44.4	32.2	38.9
2000	12	2	38.5	31.2	34.0
2000	12	3	33.4	25.4	29.0
2000	12	4	39.7	22.9	32.3
2000	12	5	47.3	32.2	38.5

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2000	12	6	32.9	24.3	28.7
2000	12	7	37.9	31.4	34.4
2000	12	8	41.0	36.0	38.3
2000	12	9	37.6	33.1	34.9
2000	12	10	36.7	32.9	34.7
2000	12	11	41.4	32.5	36.4
2000	12	12	53.2	29.0	42.1
2000	12	13	32.4	26.1	29.0
2000	12	14	43.5	31.2	35.7
2000	12	15	37.0	33.4	35.4
2000	12	16	48.4	35.1	39.7
2000	12	17	58.8	31.4	48.5
2000	12	18	35.4	25.6	30.7
2000	12	19	41.9	27.6	35.4
2000	12	20	28.7	17.9	23.9
2000	12	21	33.1	20.7	27.7
2000	12	22	32.7	15.2	27.1
2000	12	23	26.3	11.7	19.1
2000	12	24	38.3	21.5	29.5
2000	12	25	28.8	17.7	21.4
2000	12	26	26.5	12.8	20.3
2000	12	27	29.7	21.5	26.7
2000	12	28	27.9	23.1	25.6
2000	12	29	26.0	16.6	22.6
2000	12	30	31.4	19.8	26.4
2000	12	31	35.8	19.8	26.8
2001	1	1	33.8	22.9	28.2
2001	1	2	29.9	22.9	27.0
2001	1	3	30.8	16.8	23.7
2001	1	4	34.9	21.6	28.0
2001	1	5	31.7	23.1	28.2
2001	1	6	39.7	30.1	34.3
2001	1	7	45.5	28.5	36.3
2001	1	8	40.5	31.2	33.4
2001	1	9	34.0	25.6	29.2
2001	1	10	42.3	26.0	32.1
2001	1	11	56.3	30.1	42.0
2001	1	12	45.7	31.4	35.3
2001	1	13	38.3	28.3	32.8
2001	1	14	46.2	28.1	36.0
2001	1	15	38.5	34.9	36.7
2001	1	16	46.6	33.8	38.4
2001	1	17	41.4	31.2	36.1
2001	1	18	36.5	33.3	34.4
2001	1	19	39.2	34.0	35.7
2001	1	20	35.2	31.0	33.7
2001	1	21	32.2	24.7	28.7
2001	1	22	29.7	23.4	27.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	1	23	31.7	23.3	28.0
2001	1	24	43.7	26.5	34.6
2001	1	25	37.2	28.1	33.3
2001	1	26	34.2	22.7	28.3
2001	1	27	44.6	32.2	37.6
2001	1	28	42.4	26.5	34.8
2001	1	29	39.9	28.8	34.4
2001	1	30	61.9	37.9	49.1
2001	1	31	56.5	43.5	50.7
2001	2	1	45.7	36.9	41.8
2001	2	2	49.5	29.4	39.7
2001	2	3	34.0	23.4	28.1
2001	2	4	40.3	27.2	34.1
2001	2	5	40.6	33.8	35.7
2001	2	6	48.0	31.4	39.4
2001	2	7	47.8	36.5	41.2
2001	2	8	51.6	33.6	41.7
2001	2	9	66.9	47.8	57.4
2001	2	10	61.9	35.6	50.9
2001	2	11	34.2	26.1	30.1
2001	2	12	33.1	27.4	29.9
2001	2	13	44.4	30.6	37.2
2001	2	14	51.4	39.7	44.2
2001	2	15	56.1	39.6	46.8
2001	2	16	43.5	37.8	39.3
2001	2	17	40.8	25.8	36.2
2001	2	18	32.9	20.9	26.4
2001	2	19	45.7	24.5	35.6
2001	2	20	63.7	41.0	51.6
2001	2	21	55.2	31.0	46.6
2001	2	22	29.6	22.2	24.5
2001	2	23	42.1	20.7	32.0
2001	2	24	37.8	31.5	33.8
2001	2	25	61.0	33.1	45.6
2001	2	26	57.2	40.8	49.7
2001	2	27	53.2	34.9	42.8
2001	2	28	42.1	31.7	36.4
2001	3	1	45.0	29.7	36.6
2001	3	2	50.5	35.6	43.4
2001	3	3	52.7	38.7	45.9
2001	3	4	43.7	38.5	40.2
2001	3	5	38.8	28.5	34.4
2001	3	6	36.0	23.1	29.3
2001	3	7	43.9	32.0	37.7
2001	3	8	43.7	29.4	36.6
2001	3	9	43.5	33.3	39.5
2001	3	10	44.6	28.7	36.2
2001	3	11	62.1	32.2	45.9

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	3	12	47.7	36.5	41.2
2001	3	13	67.5	39.2	49.9
2001	3	14	59.7	44.6	51.6
2001	3	15	50.4	40.5	44.6
2001	3	16	47.8	39.7	43.6
2001	3	17	50.4	41.5	45.2
2001	3	18	46.9	33.6	41.0
2001	3	19	47.1	36.5	41.5
2001	3	20	50.7	36.1	42.9
2001	3	21	47.8	42.3	45.3
2001	3	22	51.4	39.6	45.4
2001	3	23	57.9	41.2	49.1
2001	3	24	65.7	40.8	49.3
2001	3	25	43.7	34.3	38.3
2001	3	26	36.9	28.7	33.7
2001	3	27	38.3	23.1	31.2
2001	3	28	44.2	28.5	35.9
2001	3	29	49.1	37.9	41.4
2001	3	30	55.6	43.2	50.5
2001	3	31	46.4	41.7	42.9
2001	4	1	43.3	41.0	42.5
2001	4	2	52.3	40.5	45.1
2001	4	3	52.2	39.0	46.0
2001	4	4	51.1	42.6	46.6
2001	4	5	59.0	39.6	48.8
2001	4	6	72.0	47.8	58.9
2001	4	7	64.9	45.5	56.1
2001	4	8	56.3	43.7	48.8
2001	4	9	87.4	52.9	68.4
2001	4	10	67.3	51.1	59.3
2001	4	11	55.4	50.4	52.6
2001	4	12	75.4	52.2	63.2
2001	4	13	76.3	60.8	68.6
2001	4	14	66.2	53.2	58.5
2001	4	15	68.5	50.9	56.8
2001	4	16	50.7	44.4	47.8
2001	4	17	48.6	38.5	43.4
2001	4	18	48.0	34.9	41.7
2001	4	19	58.8	33.4	45.3
2001	4	20	73.2	43.2	58.1
2001	4	21	72.7	56.5	64.6
2001	4	22	82.8	61.5	70.5
2001	4	23	81.1	64.4	72.3
2001	4	24	83.5	56.1	67.8
2001	4	25	56.1	48.0	49.8
2001	4	26	58.5	41.9	51.4
2001	4	27	74.3	41.9	59.2
2001	4	28	62.6	55.0	58.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	4	29	57.2	46.0	51.9
2001	4	30	66.4	44.1	55.6
2001	5	1	75.0	53.4	63.6
2001	5	2	78.4	56.8	67.5
2001	5	3	82.4	60.1	70.6
2001	5	4	83.5	61.5	71.7
2001	5	5	77.4	60.6	67.9
2001	5	6	63.7	49.1	58.3
2001	5	7	60.6	46.0	52.6
2001	5	8	64.9	46.6	55.6
2001	5	9	65.3	52.7	58.7
2001	5	10	76.5	56.3	66.4
2001	5	11	83.3	61.5	71.5
2001	5	12	78.4	62.2	69.3
2001	5	13	64.8	53.4	59.3
2001	5	14	63.7	46.8	56.7
2001	5	15	66.2	51.8	58.5
2001	5	16	64.8	49.5	58.2
2001	5	17	60.1	52.2	56.2
2001	5	18	62.4	56.7	59.8
2001	5	19	65.8	59.9	61.9
2001	5	20	63.0	55.6	60.0
2001	5	21	64.8	55.9	60.4
2001	5	22	75.7	62.4	68.1
2001	5	23	70.7	56.3	63.1
2001	5	24	74.3	55.4	65.3
2001	5	25	68.5	59.4	62.5
2001	5	26	62.8	57.4	60.1
2001	5	27	73.0	58.3	65.5
2001	5	28	69.1	60.3	64.4
2001	5	29	71.6	59.2	64.7
2001	5	30	67.5	57.4	62.7
2001	5	31	65.8	49.3	57.6
2001	6	1	66.2	52.5	61.3
2001	6	2	72.1	64.2	66.5
2001	6	3	71.8	58.1	65.3
2001	6	4	71.8	57.4	65.0
2001	6	5	75.2	60.6	67.3
2001	6	6	73.6	64.4	69.6
2001	6	7	68.9	60.6	64.5
2001	6	8	75.6	60.8	67.5
2001	6	9	76.8	59.0	68.4
2001	6	10	78.3	62.1	70.3
2001	6	11	82.4	64.4	74.1
2001	6	12	84.2	68.5	76.9
2001	6	13	85.6	71.2	77.7
2001	6	14	79.7	72.1	75.2
2001	6	15	81.0	72.3	76.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	6	16	74.5	71.8	73.5
2001	6	17	83.7	67.3	75.3
2001	6	18	79.3	68.7	73.4
2001	6	19	81.5	63.9	72.9
2001	6	20	83.8	68.0	75.5
2001	6	21	81.7	66.7	74.6
2001	6	22	79.3	70.7	75.0
2001	6	23	75.4	66.4	70.1
2001	6	24	74.3	64.9	69.2
2001	6	25	79.0	62.6	71.6
2001	6	26	81.7	65.5	73.8
2001	6	27	84.4	67.3	76.2
2001	6	28	87.4	72.9	79.9
2001	6	29	87.8	72.3	79.9
2001	6	30	88.2	74.3	80.3
2001	7	1	83.5	67.6	77.1
2001	7	2	69.1	55.6	63.9
2001	7	3	72.5	57.9	66.5
2001	7	4	82.4	68.2	74.3
2001	7	5	82.6	66.6	74.5
2001	7	6	75.6	61.9	68.2
2001	7	7	77.5	61.0	70.1
2001	7	8	77.7	64.0	71.5
2001	7	9	82.4	68.2	75.2
2001	7	10	86.2	68.4	77.1
2001	7	11	83.5	67.5	75.2
2001	7	12	76.3	62.6	69.6
2001	7	13	77.7	63.7	70.6
2001	7	14	77.7	61.2	70.0
2001	7	15	78.8	66.9	72.9
2001	7	16	83.8	66.2	74.2
2001	7	17	86.7	70.5	77.3
2001	7	18	77.0	70.3	73.0
2001	7	19	75.2	66.6	71.3
2001	7	20	76.3	65.3	70.0
2001	7	21	77.9	58.6	69.4
2001	7	22	80.1	61.9	71.4
2001	7	23	83.1	68.4	75.1
2001	7	24	86.0	72.9	78.9
2001	7	25	85.6	75.2	80.3
2001	7	26	84.0	67.3	74.7
2001	7	27	74.1	64.6	69.5
2001	7	28	73.2	59.0	67.7
2001	7	29	67.3	59.9	63.6
2001	7	30	74.7	64.9	69.2
2001	7	31	77.0	60.8	69.4
2001	8	1	79.0	63.1	70.4
2001	8	2	79.9	62.1	70.8

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	8	3	81.5	66.2	73.2
2001	8	4	82.0	69.4	74.2
2001	8	5	80.8	71.1	76.3
2001	8	8	92.3	78.4	84.8
2001	8	9	93.4	79.2	85.3
2001	8	10	92.7	75.2	83.3
2001	8	11	85.5	73.4	76.9
2001	8	12	81.5	70.2	75.0
2001	8	13	77.0	68.4	73.3
2001	8	14	80.1	67.5	73.5
2001	8	15	79.3	70.0	74.1
2001	8	16	81.3	65.7	73.8
2001	8	17	83.7	72.5	76.8
2001	8	18	81.3	70.9	75.9
2001	8	19	79.3	69.4	74.4
2001	8	20	81.5	73.0	76.5
2001	8	21	79.5	65.8	72.7
2001	8	22	81.9	65.8	73.4
2001	8	23	83.8	69.3	75.1
2001	8	24	78.8	66.7	72.5
2001	8	25	78.8	68.7	73.5
2001	8	26	79.2	61.7	70.8
2001	8	27	84.0	69.4	74.7
2001	8	28	83.7	69.6	75.6
2001	8	29	80.6	72.1	76.0
2001	8	30	81.3	68.7	75.1
2001	8	31	80.8	69.8	75.8
2001	9	1	76.5	66.7	72.4
2001	9	2	72.5	63.9	67.9
2001	9	3	77.2	65.5	70.3
2001	9	4	81.7	65.5	73.7
2001	9	5	73.9	66.9	70.9
2001	9	6	73.6	56.7	66.6
2001	9	7	75.9	60.6	68.6
2001	9	8	80.1	65.1	72.1
2001	9	9	80.8	66.9	73.9
2001	9	10	82.8	70.0	74.7
2001	9	11	76.3	63.9	70.3
2001	9	12	74.1	62.2	69.6
2001	9	13	79.0	59.0	68.9
2001	9	14	66.6	56.3	62.1
2001	9	15	65.5	56.8	61.2
2001	9	16	68.2	50.4	62.4
2001	9	17	72.1	52.5	62.4
2001	9	18	75.9	56.3	65.1
2001	9	19	73.2	60.1	67.3
2001	9	20	70.3	66.4	68.3
2001	9	21	73.6	62.6	68.0

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	9	22	77.2	65.1	70.2
2001	9	23	75.2	67.1	70.6
2001	9	24	76.1	67.6	70.7
2001	9	25	68.5	52.9	60.5
2001	9	26	60.8	43.3	53.5
2001	9	27	68.7	49.3	59.0
2001	9	28	59.7	48.4	54.2
2001	9	29	62.2	49.3	56.9
2001	9	30	58.6	51.3	54.9
2001	10	1	60.1	48.4	53.7
2001	10	2	74.3	53.2	63.0
2001	10	3	79.3	58.6	68.4
2001	10	4	79.3	61.3	68.6
2001	10	5	78.3	58.6	68.8
2001	10	6	69.4	49.1	59.0
2001	10	7	55.4	42.1	49.1
2001	10	8	52.3	37.6	46.0
2001	10	9	58.1	36.7	49.0
2001	10	10	69.6	46.8	57.7
2001	10	11	73.9	56.5	63.3
2001	10	12	73.8	55.4	63.7
2001	10	13	72.9	57.6	64.9
2001	10	14	71.4	59.0	65.3
2001	10	15	67.1	51.8	59.3
2001	10	16	66.0	47.7	57.9
2001	10	17	64.8	36.7	48.9
2001	10	18	56.8	33.4	46.0
2001	10	19	62.2	41.7	52.0
2001	10	20	69.1	53.4	60.1
2001	10	21	73.6	53.2	63.2
2001	10	22	75.2	58.8	65.9
2001	10	23	74.7	58.8	66.9
2001	10	24	80.8	64.0	71.0
2001	10	25	75.9	57.7	69.3
2001	10	26	57.6	41.9	52.1
2001	10	27	49.8	38.3	43.9
2001	10	28	49.1	39.4	43.0
2001	10	29	54.3	32.7	43.7
2001	10	30	58.3	43.0	52.5
2001	10	31	60.3	41.5	52.6
2001	11	1	69.4	49.8	58.9
2001	11	2	74.7	57.6	65.2
2001	11	3	68.7	57.0	63.0
2001	11	4	62.6	50.2	55.0
2001	11	5	54.9	42.1	49.2
2001	11	6	54.5	38.8	45.5
2001	11	7	68.4	43.7	56.4
2001	11	8	66.7	51.3	57.4

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 15 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	11	9	59.2	44.8	51.8
2001	11	10	67.3	40.3	53.0
2001	11	11	54.9	43.3	51.2
2001	11	12	45.7	34.7	40.3
2001	11	13	53.1	34.7	43.4
2001	11	14	62.2	40.6	50.3
2001	11	15	66.0	44.4	54.3
2001	11	16	72.7	48.4	60.3
2001	11	17	60.8	47.8	52.6
2001	11	18	55.6	42.3	48.6
2001	11	19	67.1	45.9	55.7
2001	11	20	60.1	37.4	48.7
2001	11	21	46.8	33.6	39.2
2001	11	22	54.5	35.2	44.5
2001	11	23	58.1	42.3	50.1
2001	11	24	61.3	49.8	55.4
2001	11	25	65.7	57.9	61.4
2001	11	26	59.0	52.7	55.1
2001	11	27	57.4	48.6	53.3
2001	11	28	57.9	54.3	56.6
2001	11	29	64.0	54.5	58.9
2001	11	30	70.2	61.7	65.8
2001	12	1	69.8	54.7	61.9
2001	12	2	53.6	47.3	49.9
2001	12	3	53.8	37.2	47.7
2001	12	4	64.9	41.4	50.9
2001	12	5	72.9	52.9	60.8
2001	12	6	71.4	55.8	61.4
2001	12	7	61.9	54.3	58.5
2001	12	8	54.3	45.1	48.7
2001	12	9	49.5	42.3	46.4
2001	12	10	46.4	39.2	43.0
2001	12	11	49.6	44.8	47.1
2001	12	12	50.0	43.5	46.9
2001	12	13	61.3	47.5	53.8
2001	12	14	66.6	55.2	60.4
2001	12	15	62.8	44.1	50.5
2001	12	16	43.2	36.7	40.6
2001	12	17	57.2	40.1	48.1
2001	12	18	56.5	41.5	51.2
2001	12	19	50.5	35.4	44.3
2001	12	20	46.2	37.0	42.2
2001	12	21	42.1	33.8	37.5
2001	12	22	40.1	29.9	34.5
2001	12	23	54.7	33.4	43.1
2001	12	24	55.0	35.2	42.9
2001	12	25	37.8	29.0	34.5
2001	12	26	37.2	28.7	33.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 16 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2001	12	27	37.2	25.6	31.4
2001	12	28	42.6	26.9	34.8
2001	12	29	49.5	27.0	37.8
2001	12	30	30.1	22.0	26.0
2001	12	31	32.9	20.0	26.7
2002	1	1	31.4	19.8	25.8
2002	1	2	31.5	20.2	26.4
2002	1	3	34.9	26.5	29.8
2002	1	4	37.2	26.1	31.3
2002	1	5	44.2	26.7	34.8
2002	1	6	36.7	28.5	33.0
2002	1	7	36.0	31.5	34.3
2002	1	8	36.1	26.1	30.7
2002	1	9	50.7	29.7	40.2
2002	1	10	54.9	44.2	48.9
2002	1	11	51.6	39.9	46.2
2002	1	12	47.1	30.3	38.5
2002	1	13	47.3	36.5	41.5
2002	1	14	47.5	34.2	41.5
2002	1	15	53.8	39.0	45.3
2002	1	16	42.4	32.5	37.6
2002	1	17	46.2	36.9	41.8
2002	1	18	44.1	32.9	38.4
2002	1	19	35.1	30.6	32.7
2002	1	20	35.8	30.1	32.7
2002	1	21	44.4	32.9	37.6
2002	1	22	51.4	34.9	42.3
2002	1	23	46.4	41.0	44.0
2002	1	24	63.3	43.9	54.2
2002	1	25	55.6	36.9	43.3
2002	1	26	54.9	35.1	43.4
2002	1	27	58.1	39.4	48.6
2002	1	28	63.7	50.5	56.1
2002	1	29	72.1	52.3	61.1
2002	1	30	77.2	47.7	61.3
2002	1	31	48.2	43.3	45.1
2002	2	1	75.2	43.7	58.5
2002	2	2	42.6	30.1	36.7
2002	2	3	43.0	31.4	37.3
2002	2	4	42.8	24.7	34.1
2002	2	5	35.4	19.3	27.1
2002	2	6	43.0	26.9	35.9
2002	2	7	38.3	32.4	35.8
2002	2	8	52.5	33.6	42.0
2002	2	9	48.6	38.1	44.0
2002	2	10	57.7	37.9	47.2
2002	2	11	50.5	31.7	41.1
2002	2	12	53.6	26.7	40.4

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 17 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	2	13	45.3	34.5	40.9
2002	2	14	39.2	28.1	33.2
2002	2	15	50.5	31.5	41.1
2002	2	16	55.6	45.0	49.4
2002	2	17	46.2	32.0	40.4
2002	2	18	40.3	27.8	33.9
2002	2	19	53.6	30.5	41.2
2002	2	20	63.0	46.9	52.9
2002	2	21	63.0	50.0	55.8
2002	2	22	51.1	39.2	45.9
2002	2	23	39.6	34.7	37.4
2002	2	24	43.9	35.2	38.6
2002	2	25	52.0	31.5	42.1
2002	2	26	66.7	43.9	53.6
2002	2	27	43.9	27.2	34.9
2002	2	28	37.9	24.0	30.7
2002	3	1	45.7	26.3	35.7
2002	3	2	50.5	33.8	41.9
2002	3	3	58.5	40.6	53.4
2002	3	4	37.9	22.0	29.8
2002	3	5	41.0	16.2	29.2
2002	3	6	59.2	36.1	47.3
2002	3	7	64.0	43.2	52.1
2002	3	8	65.1	47.7	55.9
2002	3	9	66.0	50.7	58.8
2002	3	10	64.4	37.4	48.2
2002	3	11	41.0	31.2	35.3
2002	3	12	49.6	36.9	42.9
2002	3	13	46.9	42.3	44.4
2002	3	14	62.1	45.3	51.1
2002	3	15	74.3	43.7	60.1
2002	3	16	71.8	46.8	61.5
2002	3	17	45.0	39.0	40.7
2002	3	18	44.1	40.3	42.2
2002	3	19	44.4	39.9	42.9
2002	3	20	48.9	40.1	45.1
2002	3	21	53.4	37.6	45.6
2002	3	22	34.7	23.6	29.4
2002	3	23	48.9	26.9	38.0
2002	3	24	55.8	36.5	47.1
2002	3	25	55.0	42.6	46.5
2002	3	26	59.2	41.5	47.3
2002	3	27	51.6	40.5	46.0
2002	3	28	47.8	35.1	40.3
2002	3	29	58.6	39.7	49.7
2002	3	30	69.6	56.8	61.4
2002	3	31	54.5	46.0	49.4
2002	4	1	60.4	44.2	51.7

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 18 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	4	2	61.5	45.5	54.0
2002	4	3	80.1	44.1	61.1
2002	4	4	46.0	36.5	42.1
2002	4	5	46.8	37.8	41.8
2002	4	6	43.2	33.4	38.4
2002	4	7	45.5	34.0	39.8
2002	4	8	64.8	42.3	53.3
2002	4	9	73.8	58.6	65.2
2002	4	10	66.9	48.4	56.8
2002	4	11	65.3	32.5	51.2
2002	4	12	57.6	46.4	50.6
2002	4	13	72.0	56.7	64.8
2002	4	14	76.8	60.3	67.9
2002	4	15	81.3	62.4	71.0
2002	4	16	85.6	65.7	75.0
2002	4	17	87.8	67.6	77.4
2002	4	18	85.3	64.6	73.4
2002	4	19	78.1	62.6	68.9
2002	4	20	77.7	62.4	70.7
2002	4	21	61.3	47.8	53.0
2002	4	22	61.3	46.2	52.9
2002	4	23	53.6	40.6	47.6
2002	4	24	57.0	38.7	49.6
2002	4	25	60.8	50.0	55.1
2002	4	26	60.3	45.9	52.1
2002	4	27	58.6	44.2	52.6
2002	4	28	75.0	55.9	64.6
2002	4	29	66.2	48.0	56.4
2002	4	30	66.6	45.3	55.7
2002	5	1	65.7	47.7	58.2
2002	5	2	80.2	56.3	67.0
2002	5	3	66.0	54.5	60.0
2002	5	4	58.5	45.7	52.4
2002	5	5	62.1	46.6	53.3
2002	5	6	67.6	50.2	58.9
2002	5	7	75.7	60.3	68.2
2002	5	8	71.4	58.8	65.1
2002	5	9	65.1	55.8	60.3
2002	5	10	71.6	61.2	66.9
2002	5	11	65.8	58.8	61.3
2002	5	12	81.3	58.8	70.0
2002	5	13	81.9	57.7	72.2
2002	5	14	63.0	51.1	56.5
2002	5	15	68.7	48.0	58.5
2002	5	16	79.2	55.2	67.1
2002	5	17	80.2	63.9	70.7
2002	5	18	71.2	47.1	56.9
2002	5	19	54.9	43.0	49.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 19 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	5	20	55.9	43.7	50.9
2002	5	21	56.3	44.8	50.0
2002	5	22	60.1	43.0	52.3
2002	5	23	68.9	45.1	57.3
2002	5	24	81.7	54.0	68.2
2002	5	25	73.0	60.1	67.0
2002	5	26	74.7	59.9	67.8
2002	5	27	78.1	61.5	70.1
2002	5	28	78.4	61.0	69.7
2002	5	29	78.1	65.1	70.6
2002	5	30	80.4	62.2	70.8
2002	5	31	86.4	64.2	76.0
2002	6	1	85.5	69.6	76.7
2002	6	2	86.2	66.9	76.0
2002	6	3	72.7	63.1	67.3
2002	6	4	74.7	63.9	70.0
2002	6	5	86.9	70.7	77.6
2002	6	6	86.4	63.9	76.1
2002	6	7	66.9	59.0	63.1
2002	6	8	69.4	56.3	62.3
2002	6	9	78.8	53.8	66.5
2002	6	10	82.9	66.2	74.0
2002	6	11	90.7	69.1	78.9
2002	6	12	89.8	72.3	78.4
2002	6	13	76.6	63.7	70.5
2002	6	14	68.7	62.1	65.6
2002	6	15	77.4	62.1	68.1
2002	6	16	78.6	60.1	69.0
2002	6	17	77.2	64.0	70.0
2002	6	18	78.4	64.8	71.8
2002	6	19	76.8	66.2	70.9
2002	6	20	78.4	64.8	71.7
2002	6	21	78.1	63.3	69.9
2002	6	22	79.9	62.2	71.4
2002	6	23	85.3	64.0	73.6
2002	6	24	90.0	70.7	79.7
2002	6	25	91.2	70.7	80.5
2002	6	26	91.4	74.3	81.6
2002	6	27	88.5	70.2	78.1
2002	6	28	81.7	69.8	73.0
2002	6	29	81.0	67.8	75.3
2002	6	30	84.9	66.9	75.4
2002	7	1	85.8	67.6	76.9
2002	7	2	89.2	70.3	79.8
2002	7	3	92.1	75.2	82.5
2002	7	4	93.4	76.5	84.7
2002	7	5	86.7	77.5	82.5
2002	7	6	80.4	69.4	75.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	7	7	84.6	63.7	74.0
2002	7	8	91.0	65.3	78.7
2002	7	9	96.3	75.4	84.7
2002	7	10	81.5	75.0	78.1
2002	7	11	77.4	68.0	72.2
2002	7	12	82.0	59.7	70.5
2002	7	13	80.2	65.1	73.5
2002	7	14	74.8	67.6	71.0
2002	7	15	87.4	66.6	76.5
2002	7	16	91.2	73.0	81.6
2002	7	17	92.5	70.2	81.6
2002	7	18	88.9	74.8	81.9
2002	7	19	91.0	75.6	83.2
2002	7	20	85.3	74.8	79.5
2002	7	21	86.7	73.8	79.5
2002	7	22	89.1	71.4	80.9
2002	7	23	91.8	71.8	82.9
2002	7	24	78.3	69.3	72.9
2002	7	25	75.2	67.3	70.8
2002	7	26	68.2	64.9	66.9
2002	7	27	81.3	66.9	73.7
2002	7	28	92.7	72.5	82.3
2002	7	29	93.4	77.4	85.1
2002	7	30	93.0	77.0	84.4
2002	7	31	86.9	76.1	80.5
2002	8	1	90.7	71.4	80.8
2002	8	2	90.5	73.9	82.0
2002	8	3	89.8	75.6	81.4
2002	8	4	92.1	72.5	80.9
2002	8	5	93.9	74.8	82.6
2002	8	6	77.7	73.2	75.4
2002	8	7	75.7	65.8	70.6
2002	8	8	77.9	63.9	71.8
2002	8	9	79.9	63.7	73.0
2002	8	10	81.9	64.2	73.2
2002	8	11	84.9	66.2	75.8
2002	8	12	90.0	69.1	78.8
2002	8	13	89.2	71.8	80.5
2002	8	14	91.0	76.6	81.9
2002	8	15	87.1	73.9	80.7
2002	8	16	87.4	73.2	78.9
2002	8	17	88.7	75.7	81.4
2002	8	18	89.4	74.3	81.1
2002	8	19	86.4	77.9	81.7
2002	8	20	84.9	75.9	80.4
2002	8	21	82.0	72.9	76.7
2002	8	22	83.8	67.5	76.8
2002	8	23	82.6	74.7	79.7

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	8	24	82.2	72.3	75.5
2002	8	25	80.6	71.2	76.0
2002	8	26	79.9	70.5	75.2
2002	8	27	78.3	68.9	74.8
2002	8	28	74.1	63.5	68.2
2002	8	29	66.9	63.5	65.0
2002	8	30	71.2	62.6	66.5
2002	8	31	71.6	65.7	68.0
2002	9	1	67.3	64.4	66.1
2002	9	2	71.6	62.4	66.2
2002	9	3	82.6	61.7	71.9
2002	9	4	87.6	72.1	78.9
2002	9	5	76.3	67.5	72.9
2002	9	6	73.6	65.3	69.4
2002	9	7	75.4	60.8	68.5
2002	9	8	75.7	63.0	69.6
2002	9	9	79.0	62.6	72.4
2002	9	10	79.2	71.2	74.7
2002	9	11	79.2	66.2	72.8
2002	9	12	70.2	59.9	64.8
2002	9	13	79.2	58.1	67.7
2002	9	14	77.9	64.4	71.2
2002	9	15	77.7	70.2	71.7
2002	9	16	78.6	68.0	72.1
2002	9	17	87.3	61.9	73.1
2002	9	18	80.4	61.2	71.8
2002	9	19	78.8	66.4	72.4
2002	9	20	82.0	67.6	74.6
2002	9	21	83.5	70.0	76.3
2002	9	22	82.0	68.9	75.5
2002	9	23	73.6	67.5	71.1
2002	9	24	74.7	65.8	69.8
2002	9	25	74.3	67.3	70.4
2002	9	26	66.9	63.9	65.1
2002	9	27	80.6	65.8	74.0
2002	9	28	77.4	66.4	71.0
2002	9	29	70.2	62.1	66.3
2002	9	30	73.4	62.1	66.5
2002	10	1	79.2	62.1	69.5
2002	10	2	85.6	65.8	74.3
2002	10	3	84.9	67.8	77.2
2002	10	4	79.7	71.6	75.8
2002	10	5	86.0	69.1	78.6
2002	10	6	71.6	63.5	67.2
2002	10	7	76.5	64.9	70.5
2002	10	8	64.4	54.3	60.2
2002	10	9	65.7	60.1	63.3
2002	10	10	68.2	65.1	66.6

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	10	11	70.2	66.4	68.1
2002	10	12	69.1	65.7	67.7
2002	10	13	67.3	63.5	64.9
2002	10	14	61.2	53.6	56.1
2002	10	15	62.2	54.9	58.2
2002	10	16	60.8	53.6	57.5
2002	10	17	61.0	48.6	55.6
2002	10	18	60.3	41.0	50.8
2002	10	19	65.1	50.9	58.9
2002	10	20	61.5	55.4	57.9
2002	10	21	58.1	49.3	55.5
2002	10	22	59.7	50.4	54.2
2002	10	23	63.9	48.6	55.8
2002	10	24	54.1	49.5	51.8
2002	10	25	59.2	48.6	53.9
2002	10	26	66.0	54.7	59.2
2002	10	27	64.2	50.2	56.7
2002	10	28	57.2	49.3	53.1
2002	10	29	52.2	43.5	47.4
2002	10	30	45.9	40.6	43.6
2002	10	31	46.6	39.7	42.4
2002	11	1	54.1	38.5	45.8
2002	11	2	50.2	37.0	42.9
2002	11	3	50.4	40.6	45.3
2002	11	4	52.9	43.0	47.6
2002	11	5	50.9	43.9	47.9
2002	11	6	57.0	46.4	50.2
2002	11	7	52.7	39.4	47.6
2002	11	8	62.8	39.7	50.7
2002	11	9	68.4	51.6	59.6
2002	11	10	75.2	59.5	66.9
2002	11	11	70.9	61.3	66.1
2002	11	12	61.3	49.8	53.9
2002	11	13	50.4	41.0	47.1
2002	11	14	59.2	38.5	48.2
2002	11	15	59.5	47.1	52.7
2002	11	16	54.7	49.6	52.2
2002	11	17	52.2	39.2	43.9
2002	11	18	50.0	37.6	43.1
2002	11	19	54.1	35.2	46.1
2002	11	20	56.1	41.4	48.0
2002	11	21	57.0	44.4	50.5
2002	11	22	53.4	41.5	48.7
2002	11	23	46.4	37.0	41.5
2002	11	24	57.2	37.9	47.2
2002	11	25	63.1	43.5	51.0
2002	11	26	49.5	42.6	44.7
2002	11	27	42.1	31.4	38.2

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2002	11	28	37.2	28.5	31.9
2002	11	29	47.1	27.2	37.9
2002	11	30	55.0	38.8	45.6
2002	12	1	36.9	28.5	33.0
2002	12	2	48.4	28.7	39.4
2002	12	3	43.3	24.5	30.3
2002	12	4	29.0	19.1	25.4
2002	12	5	32.0	24.9	28.9
2002	12	6	33.8	23.1	28.6
2002	12	7	37.0	17.1	29.8
2002	12	8	46.2	32.0	39.1
2002	12	9	37.6	23.3	28.1
2002	12	10	34.0	24.7	30.3
2002	12	11	35.1	32.0	33.7
2002	12	12	45.0	33.4	39.1
2002	12	13	40.8	35.1	37.7
2002	12	14	45.3	37.8	41.5
2002	12	15	48.6	37.0	42.7
2002	12	16	45.3	31.5	41.2
2002	12	17	32.4	28.3	30.5
2002	12	18	33.6	28.8	31.2
2002	12	19	53.4	32.9	42.6
2002	12	20	61.0	38.5	52.0
2002	12	21	52.3	37.0	44.4
2002	12	22	56.3	40.6	47.7
2002	12	23	50.7	38.5	44.5
2002	12	24	42.1	32.2	37.3
2002	12	25	38.3	33.8	36.0
2002	12	26	40.6	31.4	36.7
2002	12	27	33.3	27.6	30.2
2002	12	28	42.6	24.9	34.5
2002	12	29	44.4	33.6	39.1
2002	12	30	45.5	31.2	39.3
2002	12	31	63.3	39.4	50.4
2003	1	1	59.2	46.8	54.6
2003	1	2	44.6	38.3	39.8
2003	1	3	43.5	34.9	39.7
2003	1	4	38.5	29.9	34.7
2003	1	5	34.5	27.4	30.9
2003	1	6	34.7	30.3	32.5
2003	1	7	35.6	24.2	29.8
2003	1	8	52.7	36.5	43.6
2003	1	9	61.0	45.0	51.7
2003	1	10	47.3	35.6	42.4
2003	1	11	36.1	25.2	30.4
2003	1	12	31.7	21.5	26.4
2003	1	13	44.2	24.0	33.3
2003	1	14	33.8	25.6	28.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	1	15	32.0	22.5	26.6
2003	1	16	27.9	19.3	24.2
2003	1	17	30.8	20.6	25.3
2003	1	18	19.8	9.9	16.1
2003	1	19	30.3	17.0	24.9
2003	1	20	40.1	27.2	33.4
2003	1	21	26.9	20.9	23.5
2003	1	22	26.3	14.6	20.3
2003	1	23	18.2	12.5	15.7
2003	1	24	31.4	12.8	21.7
2003	1	25	32.7	17.1	24.1
2003	1	26	41.5	24.2	30.9
2003	1	27	29.4	14.1	18.8
2003	1	28	32.9	11.6	23.0
2003	1	29	38.1	30.1	33.6
2003	1	30	30.6	28.7	29.6
2003	1	31	32.4	29.4	30.7
2003	2	1	37.6	32.0	34.8
2003	2	2	46.9	34.3	39.4
2003	2	3	43.7	33.4	38.6
2003	2	4	57.2	37.4	47.8
2003	2	5	37.0	29.2	33.0
2003	2	6	32.4	27.2	29.7
2003	2	7	35.1	27.6	30.2
2003	2	8	34.2	22.2	28.2
2003	2	9	41.5	20.9	30.7
2003	2	10	34.3	29.7	32.8
2003	2	11	36.9	28.7	32.6
2003	2	12	41.2	27.0	35.0
2003	2	13	39.9	22.4	30.3
2003	2	14	36.9	24.5	32.1
2003	2	15	36.1	24.5	30.4
2003	2	16	25.4	16.4	18.7
2003	2	17	29.4	20.7	24.8
2003	2	18	39.7	23.4	29.6
2003	2	19	42.4	24.9	34.4
2003	2	20	42.6	34.2	39.0
2003	2	21	45.1	35.2	38.4
2003	2	22	43.2	32.9	36.8
2003	2	23	58.8	34.7	45.0
2003	2	24	56.1	28.7	38.3
2003	2	25	39.7	28.1	32.6
2003	2	26	27.6	23.6	25.8
2003	2	27	32.2	25.4	28.5
2003	2	28	32.5	28.5	30.1
2003	3	1	39.7	30.1	35.5
2003	3	2	52.0	34.9	41.1
2003	3	3	41.7	22.4	28.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	3	4	42.6	22.2	32.6
2003	3	5	66.9	40.8	51.3
2003	3	6	53.8	30.1	39.8
2003	3	7	31.2	26.1	28.7
2003	3	8	51.3	26.3	37.6
2003	3	9	59.7	33.6	48.8
2003	3	10	39.2	28.3	32.9
2003	3	11	37.2	29.2	32.6
2003	3	12	54.9	33.4	42.5
2003	3	13	63.1	39.7	49.8
2003	3	14	39.2	31.0	34.6
2003	3	15	51.4	30.3	41.2
2003	3	16	53.8	40.6	48.4
2003	3	17	55.8	48.0	52.7
2003	3	18	60.1	47.3	53.4
2003	3	19	45.9	37.8	42.3
2003	3	20	53.6	38.1	45.2
2003	3	21	59.0	45.1	51.0
2003	3	22	65.3	48.9	55.8
2003	3	23	59.7	38.3	51.1
2003	3	24	57.4	46.6	51.0
2003	3	25	60.8	42.6	52.0
2003	3	26	72.3	45.3	57.7
2003	3	27	58.3	42.8	49.3
2003	3	28	55.0	43.9	48.9
2003	3	29	67.8	52.5	60.2
2003	3	30	52.5	32.2	39.1
2003	3	31	42.4	29.2	36.2
2003	4	1	60.8	33.3	47.7
2003	4	2	79.2	57.0	67.7
2003	4	3	77.5	48.2	61.4
2003	4	4	50.5	43.5	46.0
2003	4	5	50.4	43.0	46.1
2003	4	6	48.7	40.6	44.9
2003	4	7	43.9	36.7	39.5
2003	4	8	39.2	37.4	38.2
2003	4	9	41.4	36.9	38.6
2003	4	10	47.3	39.0	41.6
2003	4	11	43.9	39.9	41.5
2003	4	12	68.4	44.4	56.2
2003	4	13	57.4	46.4	53.0
2003	4	14	61.7	41.9	51.5
2003	4	15	84.6	50.4	65.8
2003	4	16	86.2	63.5	74.5
2003	4	17	70.9	40.3	49.5
2003	4	18	48.6	41.0	44.7
2003	4	19	55.6	45.5	49.6
2003	4	20	60.6	48.0	53.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	4	21	57.7	49.3	53.3
2003	4	22	65.8	53.6	58.1
2003	4	23	63.7	46.6	54.4
2003	4	24	62.1	43.3	53.6
2003	4	25	69.3	52.2	58.1
2003	4	26	57.6	54.3	56.0
2003	4	27	67.3	55.6	60.7
2003	4	28	74.1	49.6	63.5
2003	4	29	79.3	61.0	67.1
2003	4	30	68.9	57.0	61.1
2003	5	1	76.8	57.4	65.8
2003	5	2	74.8	60.4	67.7
2003	5	3	62.4	50.7	55.6
2003	5	4	61.0	49.6	54.1
2003	5	5	53.4	42.3	49.7
2003	5	6	57.9	51.3	55.2
2003	5	7	73.9	52.3	62.6
2003	5	8	69.4	60.3	64.9
2003	5	9	60.4	55.2	57.6
2003	5	10	67.3	56.1	61.3
2003	5	11	81.0	61.7	71.2
2003	5	12	72.7	59.7	66.4
2003	5	13	64.2	55.8	60.5
2003	5	14	70.7	49.6	60.7
2003	5	15	69.8	57.0	62.6
2003	5	16	61.5	52.2	56.6
2003	5	17	51.1	48.4	49.3
2003	5	18	52.2	47.7	49.5
2003	5	19	64.6	50.5	56.4
2003	5	20	70.3	47.1	59.9
2003	5	21	64.8	54.7	58.0
2003	5	22	56.7	54.9	55.6
2003	5	23	55.6	52.5	54.2
2003	5	24	62.2	55.0	57.8
2003	5	25	61.2	57.2	59.1
2003	5	26	62.1	56.3	58.7
2003	5	27	58.1	54.7	56.4
2003	5	28	62.4	53.6	57.3
2003	5	29	66.0	54.0	59.5
2003	5	30	79.2	55.6	67.3
2003	5	31	73.4	63.3	67.1
2003	6	1	66.6	59.4	62.9
2003	6	2	68.4	51.8	60.0
2003	6	3	65.1	55.4	59.6
2003	6	4	66.9	56.7	60.6
2003	6	5	73.8	57.2	65.1
2003	6	6	73.0	58.3	65.6
2003	6	7	72.1	63.3	67.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	6	8	63.9	60.3	62.1
2003	6	9	75.7	58.6	66.0
2003	6	10	78.1	63.0	70.4
2003	6	11	86.2	65.8	75.6
2003	6	12	84.6	66.6	73.2
2003	6	13	82.9	70.2	74.7
2003	6	14	84.9	69.4	74.8
2003	6	15	72.9	67.6	70.5
2003	6	16	72.5	60.6	65.9
2003	6	17	62.8	58.5	60.1
2003	6	18	68.9	60.3	64.9
2003	6	19	74.8	65.5	70.1
2003	6	20	67.8	60.6	65.1
2003	6	21	67.1	54.7	61.3
2003	6	22	73.4	57.2	64.4
2003	6	23	86.4	64.6	75.1
2003	6	24	87.6	69.8	78.1
2003	6	25	89.6	68.2	78.7
2003	6	26	89.2	72.7	80.8
2003	6	27	85.6	70.2	76.8
2003	6	28	75.6	68.2	71.9
2003	6	29	81.7	66.4	74.4
2003	6	30	84.9	72.0	78.3
2003	7	1	77.7	69.4	73.9
2003	7	2	73.8	65.8	69.8
2003	7	3	76.5	67.3	71.1
2003	7	4	87.4	68.0	77.6
2003	7	5	89.2	74.1	81.6
2003	7	6	89.6	73.4	81.4
2003	7	7	87.4	70.2	76.5
2003	7	8	87.3	74.1	79.6
2003	7	9	92.1	73.6	81.2
2003	7	10	80.6	72.3	75.4
2003	7	11	84.6	72.3	77.6
2003	7	12	83.3	66.2	75.8
2003	7	13	77.7	66.6	72.1
2003	7	14	75.6	65.7	71.2
2003	7	15	79.7	67.3	73.0
2003	7	16	88.2	71.8	79.2
2003	7	17	81.7	68.4	75.9
2003	7	18	84.6	64.9	73.6
2003	7	19	77.0	68.0	72.2
2003	7	20	80.6	68.2	75.1
2003	7	21	86.7	72.5	79.8
2003	7	22	86.9	68.9	77.9
2003	7	23	77.7	68.5	72.1
2003	7	24	80.2	67.1	72.6
2003	7	25	81.0	67.1	73.7

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	7	26	85.5	66.9	76.4
2003	7	27	86.9	73.8	79.8
2003	7	28	83.7	71.4	77.5
2003	7	29	75.0	68.4	71.9
2003	7	30	71.4	65.7	69.2
2003	7	31	77.2	69.3	72.9
2003	8	1	81.9	72.0	75.0
2003	8	2	83.1	71.4	75.1
2003	8	3	81.9	72.7	76.0
2003	8	4	82.8	71.2	76.0
2003	8	5	81.1	66.0	75.0
2003	8	6	79.9	66.2	72.6
2003	8	7	74.5	69.8	72.7
2003	8	8	81.1	67.5	73.9
2003	8	9	78.3	72.5	74.3
2003	8	10	80.8	72.1	75.3
2003	8	11	78.1	70.2	74.3
2003	8	12	81.5	70.5	75.7
2003	8	13	83.7	71.8	76.8
2003	8	14	86.5	73.6	78.9
2003	8	15	88.0	72.5	80.0
2003	8	16	84.9	68.4	75.1
2003	8	17	80.1	67.6	73.7
2003	8	18	77.7	70.3	73.5
2003	8	19	80.4	68.5	73.7
2003	8	20	82.2	67.5	74.5
2003	8	21	86.4	71.2	77.9
2003	8	22	89.2	73.8	80.6
2003	8	23	79.7	69.6	76.5
2003	8	24	74.8	63.5	70.7
2003	8	25	83.7	61.7	73.0
2003	8	26	88.3	67.1	76.6
2003	8	27	87.1	68.5	77.4
2003	8	28	80.6	68.0	74.2
2003	8	29	89.1	73.6	80.1
2003	8	30	89.4	72.5	79.1
2003	8	31	73.4	66.2	70.4
2003	9	1	83.8	70.5	76.1
2003	9	2	85.5	70.2	76.2
2003	9	3	77.9	70.2	72.7
2003	9	4	76.5	71.6	73.8
2003	9	5	76.1	64.0	70.0
2003	9	6	72.9	63.0	67.6
2003	9	7	75.2	59.0	67.8
2003	9	8	77.4	61.3	71.1
2003	9	9	72.1	65.8	69.6
2003	9	10	71.1	62.4	67.3
2003	9	11	77.0	57.4	68.2

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	9	12	68.7	64.8	66.9
2003	9	13	79.5	69.8	74.0
2003	9	14	78.6	68.4	73.4
2003	9	15	75.2	68.7	71.9
2003	9	16	74.7	63.5	68.7
2003	9	17	76.6	66.7	72.0
2003	9	18	75.2	66.6	69.5
2003	9	19	79.5	67.6	73.3
2003	9	20	76.8	64.4	70.6
2003	9	21	72.1	68.4	70.4
2003	9	22	75.7	68.0	71.6
2003	9	23	75.6	61.3	69.4
2003	9	24	81.5	56.3	65.0
2003	9	26	79.0	67.6	71.6
2003	9	27	79.5	67.8	73.5
2003	9	28	70.9	59.2	67.3
2003	9	29	65.7	53.4	58.6
2003	9	30	64.6	50.0	56.5
2003	10	1	60.3	52.9	56.5
2003	10	2	58.8	45.0	52.5
2003	10	3	56.8	40.3	50.1
2003	10	4	68.0	52.0	58.4
2003	10	5	66.0	48.2	58.7
2003	10	6	64.4	55.9	60.1
2003	10	7	69.6	57.0	62.9
2003	10	8	72.0	57.9	65.0
2003	10	9	72.9	60.4	66.8
2003	10	10	67.3	61.7	64.9
2003	10	11	66.9	61.7	64.0
2003	10	12	75.4	59.0	67.2
2003	10	13	67.6	57.7	63.4
2003	10	14	68.4	56.3	62.3
2003	10	15	65.3	52.5	59.3
2003	10	16	68.7	50.7	59.1
2003	10	17	60.8	53.4	57.6
2003	10	18	57.0	45.0	51.8
2003	10	19	66.0	46.9	55.5
2003	10	20	66.4	50.2	57.7
2003	10	21	75.6	58.5	66.9
2003	10	22	64.6	45.5	55.8
2003	10	23	49.8	39.0	44.3
2003	10	24	54.7	35.6	45.6
2003	10	25	62.6	44.6	55.0
2003	10	26	72.5	63.3	66.4
2003	10	27	68.4	50.4	61.2
2003	10	28	52.3	47.3	50.2
2003	10	29	54.9	46.8	50.3
2003	10	30	64.1	44.5	53.2

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	10	31	67.0	49.7	57.8
2003	11	1	76.5	52.5	62.3
2003	11	2	75.6	56.7	65.9
2003	11	3	76.8	57.5	65.4
2003	11	4	77.5	60.8	67.4
2003	11	5	77.5	64.2	70.6
2003	11	6	65.3	60.1	63.3
2003	11	7	59.7	49.8	56.1
2003	11	8	50.4	39.2	46.2
2003	11	9	41.5	34.9	37.7
2003	11	10	47.1	34.5	41.0
2003	11	11	60.3	43.0	53.0
2003	11	12	60.3	54.9	57.1
2003	11	13	63.5	38.3	49.9
2003	11	14	48.6	34.5	41.4
2003	11	15	53.8	43.3	47.6
2003	11	16	52.2	43.7	47.4
2003	11	17	57.7	46.0	50.5
2003	11	18	56.7	48.4	51.9
2003	11	19	64.9	51.4	59.2
2003	11	20	56.1	46.2	51.3
2003	11	21	71.1	43.3	57.1
2003	11	22	58.5	50.2	54.9
2003	11	23	59.9	47.5	52.8
2003	11	24	63.7	38.1	54.8
2003	11	25	41.2	34.2	37.8
2003	11	26	48.4	36.0	42.0
2003	11	27	52.7	42.8	48.3
2003	11	28	63.1	42.3	54.8
2003	11	29	44.2	35.2	39.8
2003	11	30	51.1	34.3	42.3
2003	12	1	55.8	37.4	47.9
2003	12	2	40.5	31.4	36.3
2003	12	3	34.5	26.7	30.7
2003	12	4	37.6	28.1	33.5
2003	12	5	40.6	33.8	37.4
2003	12	6	32.5	26.9	29.2
2003	12	7	34.9	26.3	29.8
2003	12	8	38.5	25.8	32.1
2003	12	9	42.4	32.4	38.2
2003	12	10	54.0	38.5	45.0
2003	12	11	53.2	37.4	47.1
2003	12	12	42.1	32.5	36.6
2003	12	13	32.7	29.6	31.5
2003	12	14	43.2	29.9	35.9
2003	12	15	42.8	31.2	37.3
2003	12	16	50.5	32.7	41.8
2003	12	17	47.7	30.6	40.8

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2003	12	18	38.1	30.3	33.6
2003	12	19	34.5	29.9	32.0
2003	12	20	37.6	27.2	31.7
2003	12	21	42.8	24.9	34.0
2003	12	22	55.2	36.9	45.1
2003	12	23	60.6	44.2	52.5
2003	12	24	55.9	37.4	48.4
2003	12	25	40.3	31.0	35.1
2003	12	26	42.6	29.2	35.3
2003	12	27	45.5	35.2	40.4
2003	12	28	46.8	36.7	39.9
2003	12	29	58.5	35.2	45.7
2003	12	30	56.8	38.8	51.0
2003	12	31	47.7	29.7	40.4
2004	1	1	49.1	39.4	45.2
2004	1	2	49.1	41.0	44.9
2004	1	3	69.1	45.5	56.4
2004	1	4	70.7	43.9	57.8
2004	1	5	44.8	39.2	41.7
2004	1	6	41.9	24.5	35.7
2004	1	7	27.9	17.7	23.0
2004	1	8	33.4	19.8	27.0
2004	1	9	30.1	19.1	27.4
2004	1	10	17.7	9.2	13.9
2004	1	11	28.7	10.3	20.3
2004	1	12	52.0	28.8	40.2
2004	1	13	52.9	32.5	41.2
2004	1	14	31.7	24.3	28.0
2004	1	15	35.2	22.0	28.8
2004	1	16	26.5	13.7	20.2
2004	1	17	30.5	18.6	25.3
2004	1	18	38.5	30.5	34.5
2004	1	19	28.7	20.7	24.8
2004	1	20	27.9	19.8	23.0
2004	1	21	27.6	15.5	21.7
2004	1	22	46.0	22.7	34.2
2004	1	23	26.3	15.9	20.6
2004	1	24	23.1	17.5	19.9
2004	1	25	18.6	14.6	16.0
2004	1	26	24.7	15.0	20.1
2004	1	27	30.1	22.4	26.1
2004	1	28	27.9	20.9	24.6
2004	1	29	37.6	20.4	28.3
2004	1	30	28.5	18.6	24.6
2004	1	31	24.5	12.8	18.6
2004	2	1	27.0	15.0	21.7
2004	2	2	29.4	24.7	27.2
2004	2	3	42.8	27.6	33.5

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	2	4	41.7	31.4	36.6
2004	2	5	32.7	28.1	30.2
2004	2	6	36.9	28.7	32.8
2004	2	7	45.7	33.1	37.7
2004	2	8	34.5	26.0	29.6
2004	2	9	48.9	26.1	37.9
2004	2	10	50.9	37.9	41.6
2004	2	11	40.8	33.4	37.1
2004	2	12	38.7	32.0	34.2
2004	2	13	49.6	30.3	37.7
2004	2	14	49.1	36.7	42.3
2004	2	15	41.4	26.9	32.8
2004	2	16	27.4	19.7	24.2
2004	2	17	34.0	24.7	29.7
2004	2	18	44.1	29.0	34.5
2004	2	19	56.5	32.0	44.4
2004	2	20	56.8	37.9	46.9
2004	2	21	57.2	40.3	50.9
2004	2	22	45.3	34.3	39.9
2004	2	23	40.5	32.2	35.7
2004	2	24	45.7	34.3	38.5
2004	2	25	38.1	28.1	33.8
2004	2	26	35.4	29.7	33.4
2004	2	27	40.3	33.3	36.7
2004	2	28	52.5	33.1	41.6
2004	2	29	63.5	39.2	50.6
2004	3	1	61.3	43.9	53.1
2004	3	2	68.0	54.7	60.2
2004	3	3	59.7	45.3	53.9
2004	3	4	54.0	46.0	49.9
2004	3	5	75.4	43.3	57.8
2004	3	6	69.6	51.6	62.2
2004	3	7	54.1	39.7	47.1
2004	3	8	45.5	36.3	41.1
2004	3	9	41.7	31.2	36.8
2004	3	10	41.4	35.1	38.3
2004	3	11	53.6	33.3	43.3
2004	3	12	48.9	37.6	45.1
2004	3	13	44.2	29.0	37.4
2004	3	14	48.9	33.6	42.0
2004	3	15	55.8	47.5	51.7
2004	3	16	46.6	37.2	39.9
2004	3	17	39.0	32.4	37.5
2004	3	18	44.8	29.0	38.2
2004	3	19	44.8	39.0	42.3
2004	3	20	59.2	34.3	46.3
2004	3	21	60.3	35.2	49.8
2004	3	22	39.7	29.2	33.9

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	3	23	47.7	28.1	37.8
2004	3	24	57.6	39.2	48.6
2004	3	25	66.7	46.6	56.2
2004	3	26	72.3	54.7	62.2
2004	3	27	65.8	57.4	61.4
2004	3	28	54.3	42.4	48.6
2004	3	29	46.2	37.2	42.2
2004	3	30	44.6	36.9	40.8
2004	3	31	45.3	40.8	42.6
2004	4	1	47.1	44.1	45.1
2004	4	2	43.3	40.6	42.2
2004	4	3	50.2	41.0	44.8
2004	4	4	47.7	37.0	44.1
2004	4	5	45.7	29.4	38.2
2004	4	6	57.7	32.7	45.5
2004	4	7	73.4	46.0	60.1
2004	4	8	58.5	45.0	47.8
2004	4	9	61.0	42.1	51.1
2004	4	10	57.7	47.7	51.9
2004	4	11	48.4	41.7	45.0
2004	4	12	46.6	42.8	44.0
2004	4	13	62.8	43.5	48.5
2004	4	14	52.9	43.0	47.0
2004	4	15	54.7	43.5	49.6
2004	4	16	58.6	42.4	49.0
2004	4	17	80.1	45.9	63.9
2004	4	18	81.9	62.2	71.2
2004	4	19	85.6	65.1	75.4
2004	4	20	72.9	56.8	68.4
2004	4	21	68.7	55.0	61.9
2004	4	22	81.3	63.1	71.8
2004	4	23	79.0	54.1	69.0
2004	4	24	66.0	53.2	58.7
2004	4	25	61.7	53.4	57.3
2004	4	26	70.5	54.0	60.7
2004	4	27	65.1	43.9	55.4
2004	4	28	58.6	38.7	48.3
2004	4	29	71.8	48.9	59.6
2004	4	30	72.7	56.7	63.3
2004	5	1	73.6	60.8	66.7
2004	5	2	78.1	62.6	69.0
2004	5	3	60.1	45.3	48.6
2004	5	4	57.4	41.9	49.2
2004	5	5	70.7	49.3	58.8
2004	5	6	70.2	55.8	60.1
2004	5	7	85.3	57.9	69.4
2004	5	8	64.4	55.2	61.1
2004	5	9	80.6	54.1	67.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	5	10	84.6	65.1	75.3
2004	5	11	85.6	69.3	76.5
2004	5	12	85.3	69.3	76.8
2004	5	13	82.8	67.8	74.8
2004	5	14	84.9	68.9	76.0
2004	5	15	86.4	69.3	77.4
2004	5	16	76.8	65.8	71.1
2004	5	17	82.2	65.5	71.4
2004	5	18	83.3	67.5	73.8
2004	5	19	73.6	65.1	69.1
2004	5	20	68.5	61.9	65.1
2004	5	21	82.9	64.4	72.1
2004	5	22	84.6	65.1	75.1
2004	5	23	87.1	72.7	78.7
2004	5	24	86.4	71.6	78.8
2004	5	25	82.0	68.4	75.7
2004	5	26	79.7	67.6	73.0
2004	5	27	78.4	65.1	71.7
2004	5	28	76.3	64.8	70.8
2004	5	29	68.0	57.7	62.7
2004	5	30	68.4	60.3	65.2
2004	5	31	76.8	61.5	69.3
2004	6	1	77.4	59.5	67.3
2004	6	2	79.9	60.4	70.4
2004	6	3	77.4	61.3	69.9
2004	6	4	68.9	61.9	65.2
2004	6	5	69.8	60.6	63.4
2004	6	6	65.5	55.8	61.0
2004	6	7	74.6	62.2	67.5
2004	6	8	77.9	61.6	69.5
2004	6	9	87.1	67.3	77.6
2004	6	10	85.3	71.6	77.8
2004	6	11	70.5	58.3	64.7
2004	6	12	73.0	57.9	66.0
2004	6	13	71.6	58.5	66.5
2004	6	14	82.9	70.7	77.0
2004	6	15	84.0	74.3	78.8
2004	6	16	81.1	72.7	75.9
2004	6	17	87.3	68.0	77.1
2004	6	18	85.8	69.3	77.7
2004	6	19	82.0	70.0	75.6
2004	6	20	69.4	59.5	64.3
2004	6	21	74.5	58.1	67.6
2004	6	22	84.0	68.4	73.4
2004	6	23	75.2	66.2	71.3
2004	6	24	80.2	66.2	73.5
2004	6	25	79.7	68.0	72.7
2004	6	26	78.8	68.0	72.6

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	6	27	76.6	58.6	68.9
2004	6	28	75.9	62.1	69.8
2004	6	29	74.5	63.1	69.1
2004	6	30	78.3	63.9	71.4
2004	7	1	80.8	65.8	74.0
2004	7	2	83.8	69.6	75.8
2004	7	3	81.1	68.4	75.4
2004	7	4	78.8	72.1	75.7
2004	7	5	88.7	71.1	78.4
2004	7	6	81.9	71.6	77.1
2004	7	7	83.7	69.4	74.9
2004	7	8	84.4	68.5	76.2
2004	7	9	83.5	68.5	76.3
2004	7	10	79.3	72.9	75.7
2004	7	11	84.0	70.7	77.6
2004	7	12	83.3	70.7	76.0
2004	7	13	79.0	70.9	75.2
2004	7	14	87.3	70.0	75.9
2004	7	15	82.4	65.3	74.1
2004	7	16	82.8	67.1	74.6
2004	7	17	82.9	66.6	73.2
2004	7	18	73.4	64.9	70.3
2004	7	19	77.9	65.3	71.7
2004	7	20	81.3	65.3	73.2
2004	7	21	82.2	68.5	75.5
2004	7	22	84.7	69.6	76.5
2004	7	23	79.2	70.7	73.8
2004	7	24	72.5	70.0	71.6
2004	7	25	72.9	68.7	71.2
2004	7	26	75.2	67.8	71.3
2004	7	27	84.0	70.9	74.3
2004	7	28	77.7	72.3	74.2
2004	7	29	81.0	72.0	76.8
2004	7	30	83.3	71.6	77.3
2004	7	31	84.2	74.3	78.8
2004	8	1	84.6	72.9	76.1
2004	8	2	77.9	72.0	74.8
2004	8	3	78.1	70.9	74.5
2004	8	4	85.3	70.9	78.1
2004	8	5	77.4	66.9	72.2
2004	8	6	71.2	59.0	66.4
2004	8	7	70.5	55.0	63.2
2004	8	8	77.2	57.4	68.3
2004	8	9	80.8	62.8	72.0
2004	8	10	83.7	67.1	74.9
2004	8	11	83.7	69.8	76.0
2004	8	12	80.1	70.5	74.9
2004	8	13	74.5	69.6	71.9

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	8	14	68.2	62.6	66.2
2004	8	15	71.6	63.5	67.6
2004	8	16	75.9	65.1	69.8
2004	8	17	78.3	66.2	71.6
2004	8	18	79.0	68.4	73.0
2004	8	19	85.3	70.7	77.4
2004	8	20	87.4	73.8	79.8
2004	8	21	81.7	69.1	75.0
2004	8	22	71.8	64.2	68.2
2004	8	23	79.0	61.5	70.2
2004	8	24	81.7	65.8	73.5
2004	8	25	79.2	69.1	73.2
2004	8	26	80.4	69.6	74.1
2004	8	27	82.0	69.1	74.5
2004	8	28	83.8	69.8	75.7
2004	8	29	82.6	68.9	75.6
2004	8	30	80.1	71.8	75.7
2004	8	31	81.0	72.5	76.0
2004	9	1	76.8	65.7	71.8
2004	9	2	76.6	65.3	71.8
2004	9	3	76.3	68.4	72.5
2004	9	4	75.9	67.1	72.3
2004	9	5	74.8	66.0	70.6
2004	9	6	75.0	65.8	70.2
2004	9	7	76.3	68.4	72.1
2004	9	8	78.8	73.4	75.7
2004	9	9	80.1	67.3	74.0
2004	9	10	77.5	64.2	70.5
2004	9	11	74.5	66.6	70.8
2004	9	12	75.0	59.2	68.4
2004	9	13	77.0	63.7	69.7
2004	9	14	74.3	65.5	70.1
2004	9	15	69.8	65.1	67.6
2004	9	16	76.8	68.2	71.0
2004	9	17	77.9	67.6	73.8
2004	9	18	72.0	61.5	66.7
2004	9	19	65.7	56.5	61.2
2004	9	20	64.2	54.1	59.3
2004	9	21	76.8	52.2	63.9
2004	9	23	77.9	56.1	69.8
2004	9	24	73.8	63.5	67.9
2004	9	25	70.3	58.5	63.7
2004	9	26	73.0	59.5	66.5
2004	9	27	71.6	64.9	68.5
2004	9	28	77.5	65.8	72.3
2004	9	29	68.4	62.8	65.8
2004	9	30	70.2	60.4	65.3
2004	10	1	71.8	63.3	66.6

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	10	2	73.0	63.7	67.9
2004	10	3	65.8	56.3	61.3
2004	10	4	71.8	56.5	63.3
2004	10	5	62.2	49.5	57.1
2004	10	6	60.4	45.5	53.4
2004	10	7	68.5	49.3	58.3
2004	10	8	71.4	53.6	62.3
2004	10	9	69.6	56.7	62.1
2004	10	10	68.0	54.9	62.3
2004	10	11	59.5	46.9	53.1
2004	10	12	63.1	41.7	52.4
2004	10	13	59.0	46.9	54.2
2004	10	14	61.9	54.1	58.4
2004	10	15	61.7	49.1	58.8
2004	10	16	60.8	45.5	52.0
2004	10	17	60.3	43.9	51.5
2004	10	18	62.8	41.7	54.5
2004	10	19	66.4	55.9	61.0
2004	10	20	57.7	54.9	56.0
2004	10	21	55.2	52.9	54.1
2004	10	22	55.4	50.9	52.8
2004	10	23	54.7	47.5	50.8
2004	10	24	51.3	47.7	49.5
2004	10	25	54.3	48.0	51.5
2004	10	26	59.9	46.2	54.0
2004	10	27	57.4	48.2	52.7
2004	10	28	58.5	49.6	54.4
2004	10	29	56.8	52.9	55.0
2004	10	30	71.8	56.7	63.7
2004	10	31	75.2	63.0	68.4
2004	11	1	63.7	57.0	59.8
2004	11	2	70.0	55.0	63.6
2004	11	3	69.1	54.9	61.7
2004	11	4	55.2	48.2	51.1
2004	11	5	60.3	47.1	53.1
2004	11	6	71.6	51.1	62.3
2004	11	7	78.6	56.3	68.3
2004	11	8	70.7	53.2	61.1
2004	11	9	57.0	46.8	52.2
2004	11	10	57.4	47.5	52.6
2004	11	11	67.6	52.2	59.5
2004	11	12	62.2	54.9	58.9
2004	11	13	57.7	51.1	53.9
2004	11	14	55.4	46.2	51.0
2004	11	15	64.8	47.5	56.5
2004	11	16	67.1	51.6	59.7
2004	11	17	66.0	56.7	60.6
2004	11	18	72.3	58.1	64.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2004	11	19	67.8	60.6	64.8
2004	11	20	69.4	63.0	65.7
2004	11	21	66.9	61.7	63.7
2004	11	22	65.3	61.9	63.0
2004	11	23	64.6	62.1	63.2
2004	11	24	75.0	64.2	67.5
2004	11	25	77.2	50.7	65.9
2004	11	26	56.3	42.3	49.3
2004	11	27	65.5	48.6	57.0
2004	11	28	69.4	53.2	63.8
2004	11	29	57.6	48.6	53.1
2004	11	30	61.2	52.0	56.5
2004	12	1	71.8	53.2	62.1
2004	12	2	52.5	43.0	47.8
2004	12	3	50.7	39.2	44.2
2004	12	4	46.6	36.0	42.0
2004	12	5	57.2	40.1	47.6
2004	12	6	53.4	46.6	50.0
2004	12	7	65.8	47.8	55.2
2004	12	8	65.5	48.7	57.1
2004	12	9	51.1	44.4	48.0
2004	12	10	57.9	49.1	52.9
2004	12	11	50.0	41.4	47.2
2004	12	12	47.8	38.1	43.0
2004	12	13	46.9	35.8	43.4
2004	12	14	38.7	28.8	33.9
2004	12	15	35.1	24.2	29.5
2004	12	16	44.4	25.2	35.0
2004	12	17	49.1	35.2	42.0
2004	12	18	44.6	35.2	38.7
2004	12	19	41.9	19.3	35.3
2004	12	20	20.6	8.5	15.4
2004	12	21	42.3	17.1	31.2
2004	12	22	58.6	40.1	47.1
2004	12	23	58.8	36.1	50.6
2004	12	24	35.2	28.7	30.6
2004	12	25	29.0	26.1	27.3
2004	12	26	31.2	27.6	29.0
2004	12	27	29.6	24.2	26.9
2004	12	28	33.8	19.5	26.8
2004	12	29	50.0	32.5	40.9
2004	12	30	47.3	38.8	42.5
2004	12	31	57.7	40.1	47.9
2005	1	1	66.4	46.9	55.3
2005	1	2	44.4	38.3	40.3
2005	1	3	66.7	39.6	54.1
2005	1	4	69.3	45.1	56.7
2005	1	5	44.6	39.2	42.0

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	1	6	52.9	37.9	41.4
2005	1	7	43.0	40.1	41.5
2005	1	8	48.0	39.0	43.1
2005	1	9	40.5	35.8	38.2
2005	1	10	47.3	35.6	41.8
2005	1	11	46.0	39.0	43.0
2005	1	12	47.7	39.2	42.9
2005	1	13	67.5	48.2	59.8
2005	1	14	61.7	37.0	47.8
2005	1	15	36.3	30.6	32.5
2005	1	16	33.6	29.6	31.1
2005	1	17	28.7	16.1	22.8
2005	1	18	21.1	12.1	16.4
2005	1	19	24.0	14.6	19.6
2005	1	20	36.9	24.2	30.5
2005	1	21	30.1	18.2	23.5
2005	1	22	25.8	14.8	20.4
2005	1	23	22.2	13.2	17.9
2005	1	24	26.5	10.5	19.7
2005	1	25	35.4	24.3	30.1
2005	1	26	40.5	31.5	35.6
2005	1	27	31.7	17.3	21.4
2005	1	28	21.6	13.4	18.0
2005	1	29	31.7	14.6	24.2
2005	1	30	30.6	28.3	29.4
2005	1	31	31.2	27.6	29.4
2005	2	1	33.3	27.6	30.1
2005	2	2	36.9	26.5	32.0
2005	2	3	34.3	30.6	32.2
2005	2	4	43.3	31.2	36.8
2005	2	5	47.3	39.7	43.0
2005	2	6	48.9	38.7	41.7
2005	2	7	46.2	36.5	40.0
2005	2	8	59.5	32.4	44.1
2005	2	9	50.5	39.4	45.5
2005	2	10	49.8	29.2	40.7
2005	2	11	39.6	25.6	31.9
2005	2	12	49.8	27.8	38.3
2005	2	13	45.0	37.8	41.4
2005	2	14	53.4	35.1	41.9
2005	2	15	56.7	43.0	49.4
2005	2	16	64.2	41.4	49.6
2005	2	17	43.0	32.5	37.7
2005	2	18	31.7	23.4	28.4
2005	2	19	34.7	21.3	27.3
2005	2	20	38.7	27.0	33.5
2005	2	21	55.9	34.3	43.3
2005	2	22	41.2	35.8	38.0

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	2	23	43.0	35.4	38.8
2005	2	24	35.2	26.3	30.9
2005	2	25	31.7	25.4	27.6
2005	2	26	43.3	25.6	34.5
2005	2	27	37.4	29.6	31.5
2005	2	28	33.4	29.7	31.7
2005	3	1	38.3	29.7	33.2
2005	3	2	35.8	26.7	31.6
2005	3	3	36.0	24.0	29.1
2005	3	4	36.5	25.6	31.1
2005	3	5	37.2	29.7	34.6
2005	3	6	52.9	29.2	41.2
2005	3	7	68.7	43.9	55.9
2005	3	8	59.9	24.5	39.5
2005	3	9	36.0	19.7	27.6
2005	3	10	37.0	24.3	31.5
2005	3	11	54.0	35.6	42.7
2005	3	12	48.6	29.7	39.8
2005	3	13	40.3	36.9	38.4
2005	3	14	41.2	34.3	37.1
2005	3	15	45.5	28.3	37.6
2005	3	16	41.9	35.1	38.9
2005	3	17	39.9	33.4	37.5
2005	3	18	49.3	31.2	40.7
2005	3	19	53.4	37.6	45.4
2005	3	20	51.8	42.1	45.4
2005	3	21	49.6	39.0	43.7
2005	3	22	49.6	32.2	41.5
2005	3	23	48.6	39.2	43.7
2005	3	24	41.9	36.7	39.3
2005	3	25	44.1	37.4	41.1
2005	3	26	45.9	40.6	42.8
2005	3	27	46.4	40.6	43.1
2005	3	28	57.6	42.1	49.3
2005	3	29	57.0	45.9	50.7
2005	3	30	57.4	43.9	48.7
2005	3	31	50.9	41.5	46.3
2005	4	1	54.1	44.1	48.1
2005	4	2	55.8	43.3	51.2
2005	4	3	49.5	40.1	44.4
2005	4	4	63.9	43.9	54.6
2005	4	5	64.4	44.4	54.3
2005	4	6	90.7	52.2	68.5
2005	4	7	81.5	60.8	69.3
2005	4	8	61.0	49.3	54.6
2005	4	9	57.7	45.7	51.0
2005	4	10	64.4	44.1	53.2
2005	4	11	58.5	44.2	53.6

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	4	12	49.6	40.6	45.5
2005	4	13	55.9	43.0	48.0
2005	4	14	58.1	42.8	49.2
2005	4	15	52.7	41.9	46.4
2005	4	16	53.8	39.9	46.6
2005	4	17	70.0	38.3	54.7
2005	4	18	72.1	52.2	63.2
2005	4	19	81.0	56.8	69.0
2005	4	20	84.4	63.0	73.5
2005	4	21	69.1	49.8	59.2
2005	4	22	56.1	50.0	53.3
2005	4	23	66.6	48.6	57.8
2005	4	24	50.5	43.7	46.7
2005	4	25	61.7	43.0	51.8
2005	4	26	64.9	48.4	57.5
2005	4	27	64.6	54.1	59.3
2005	4	28	64.8	47.5	56.5
2005	4	29	59.2	52.2	55.2
2005	4	30	69.4	55.0	61.6
2005	5	1	63.1	48.0	56.6
2005	5	2	60.6	44.6	52.6
2005	5	3	57.9	39.9	49.3
2005	5	4	55.8	48.2	50.8
2005	5	5	59.5	44.4	52.6
2005	5	6	52.5	49.1	50.9
2005	5	7	64.2	45.5	55.4
2005	5	8	69.3	51.3	61.0
2005	5	9	70.2	46.4	58.3
2005	5	10	65.1	51.1	57.0
2005	5	11	78.3	50.2	63.8
2005	5	12	70.7	57.7	65.9
2005	5	13	58.1	52.2	54.8
2005	5	14	79.9	52.9	66.0
2005	5	15	70.7	57.2	63.7
2005	5	16	63.7	56.7	60.5
2005	5	17	63.9	55.0	58.7
2005	5	18	67.3	52.7	59.9
2005	5	19	64.6	54.9	59.8
2005	5	20	61.2	50.9	55.1
2005	5	21	67.6	45.0	57.6
2005	5	22	65.3	53.1	59.2
2005	5	23	62.1	56.7	59.0
2005	5	24	56.7	51.4	53.5
2005	5	25	55.6	50.7	53.0
2005	5	26	69.8	50.5	59.8
2005	5	27	79.0	58.6	69.2
2005	5	28	73.6	58.3	64.6
2005	5	29	74.5	54.0	64.2

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
(Page 42 of 46)

Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	5	30	75.7	55.8	64.5
2005	5	31	73.6	59.0	66.0
2005	6	1	73.9	57.9	65.5
2005	6	2	65.5	57.7	61.5
2005	6	3	65.3	57.7	62.5
2005	6	4	70.9	62.6	66.6
2005	6	5	82.2	64.4	73.2
2005	6	6	85.6	67.8	77.1
2005	6	7	82.6	65.5	73.9
2005	6	8	86.9	68.7	77.9
2005	6	9	82.2	70.0	75.9
2005	6	10	81.3	71.8	75.7
2005	6	11	82.6	69.6	74.7
2005	6	12	81.1	68.9	74.6
2005	6	13	85.3	73.2	79.2
2005	6	14	88.7	73.9	81.6
2005	6	15	85.3	72.7	79.2
2005	6	16	82.9	65.3	74.1
2005	6	17	75.2	59.4	68.0
2005	6	18	75.0	56.3	67.5
2005	6	19	73.4	62.2	67.8
2005	6	20	69.1	60.3	63.6
2005	6	21	76.8	53.8	66.6
2005	6	22	78.1	67.1	72.4
2005	6	23	76.3	67.3	70.7
2005	6	24	79.3	63.1	71.4
2005	6	25	83.3	64.4	73.2
2005	6	26	81.0	67.3	74.3
2005	6	27	78.3	71.2	74.0
2005	6	28	84.9	70.5	76.4
2005	6	29	77.4	69.1	73.2
2005	6	30	81.0	67.1	73.7
2005	7	1	86.5	71.1	78.0
2005	7	2	80.1	70.7	76.7
2005	7	3	80.8	69.6	74.4
2005	7	4	80.6	64.2	72.7
2005	7	5	81.0	69.6	75.2
2005	7	6	81.1	68.4	74.4
2005	7	7	78.1	68.0	73.2
2005	7	8	74.5	66.7	70.3
2005	7	9	83.7	66.6	74.8
2005	7	10	83.8	68.7	76.1
2005	7	11	85.6	69.6	78.1
2005	7	12	86.2	73.8	79.5
2005	7	13	83.8	73.0	78.1
2005	7	14	82.6	73.0	77.4
2005	7	15	82.8	73.6	77.5
2005	7	16	85.5	74.3	79.3

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	7	17	86.7	73.8	79.3
2005	7	18	88.0	74.3	80.6
2005	7	19	89.4	76.6	82.3
2005	7	20	86.2	73.8	79.8
2005	7	21	88.9	73.0	80.1
2005	7	22	86.5	72.1	78.5
2005	7	23	84.2	75.2	79.6
2005	7	24	82.0	62.6	74.9
2005	7	25	89.6	67.1	78.5
2005	7	26	90.5	77.2	83.1
2005	7	27	95.5	72.9	85.0
2005	7	28	78.4	72.0	75.0
2005	7	29	79.7	69.4	74.4
2005	7	30	78.6	71.6	74.7
2005	7	31	78.4	71.6	74.6
2005	8	1	81.1	71.2	75.4
2005	8	2	88.0	71.1	79.4
2005	8	3	86.4	75.4	80.4
2005	8	4	91.2	73.2	81.6
2005	8	5	92.3	72.9	81.7
2005	8	6	84.9	72.0	78.9
2005	8	7	85.5	72.9	78.8
2005	8	8	86.0	73.9	79.8
2005	8	9	72.9	69.6	71.2
2005	8	10	80.6	70.2	75.0
2005	8	11	90.0	74.3	81.4
2005	8	12	90.9	76.8	83.1
2005	8	13	92.7	78.1	84.5
2005	8	14	91.8	78.3	84.4
2005	8	15	86.7	77.7	82.6
2005	8	16	79.9	71.6	75.5
2005	8	17	80.2	69.4	73.9
2005	8	18	82.4	67.5	75.5
2005	8	19	76.6	69.1	73.0
2005	8	20	84.0	72.5	77.4
2005	8	21	87.1	76.5	81.3
2005	8	22	84.6	70.0	77.5
2005	8	23	78.8	72.1	75.3
2005	8	24	77.7	72.1	74.7
2005	8	25	77.4	62.1	71.6
2005	8	26	75.6	64.0	70.0
2005	8	27	75.4	66.9	70.7
2005	8	28	79.7	70.7	74.6
2005	8	29	82.6	70.5	76.0
2005	8	30	81.0	73.0	77.4
2005	8	31	83.8	71.8	79.4
2005	9	1	80.2	66.7	73.3
2005	9	2	84.9	66.7	75.7

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	9	3	78.1	68.2	73.1
2005	9	4	78.3	62.6	72.6
2005	9	5	77.5	67.1	72.2
2005	9	6	76.8	66.6	70.7
2005	9	7	74.1	65.3	69.2
2005	9	8	76.5	61.5	68.5
2005	9	9	78.6	63.9	71.9
2005	9	10	78.3	66.4	72.1
2005	9	11	76.1	61.5	69.6
2005	9	12	79.9	59.7	68.1
2005	9	13	81.0	62.4	71.7
2005	9	14	82.4	73.6	77.0
2005	9	15	82.9	74.8	78.1
2005	9	16	82.2	73.0	77.0
2005	9	17	83.1	71.1	76.7
2005	9	18	79.0	67.1	73.6
2005	9	19	80.2	63.9	72.5
2005	9	20	84.9	70.0	74.7
2005	9	21	86.5	56.7	70.4
2005	9	22	84.2	54.1	70.2
2005	9	23	86.5	70.9	78.5
2005	9	24	77.5	68.5	72.4
2005	9	25	76.8	67.8	71.8
2005	9	26	82.8	69.3	74.8
2005	9	27	74.1	64.0	69.8
2005	9	28	74.7	62.2	68.6
2005	9	29	72.9	62.1	67.4
2005	9	30	63.9	55.9	59.5
2005	10	1	70.9	53.8	62.5
2005	10	2	73.0	56.3	64.2
2005	10	3	72.3	56.3	65.8
2005	10	4	71.8	66.0	68.4
2005	10	5	71.4	64.4	67.6
2005	10	6	78.1	67.5	71.2
2005	10	7	75.6	68.5	72.2
2005	10	8	73.6	55.9	69.0
2005	10	9	60.4	54.9	57.6
2005	10	10	64.2	60.4	62.2
2005	10	11	63.5	61.2	62.6
2005	10	12	63.1	55.0	60.4
2005	10	13	62.2	54.0	58.6
2005	10	14	70.9	59.5	63.3
2005	10	15	77.9	56.5	65.6
2005	10	16	67.3	53.8	59.4
2005	10	17	68.2	45.3	55.7
2005	10	18	77.9	49.3	62.7
2005	10	19	75.7	48.6	64.3
2005	10	20	65.5	51.8	59.7

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	10	21	56.1	51.3	53.2
2005	10	22	60.4	50.7	56.8
2005	10	23	62.6	45.9	52.6
2005	10	24	58.1	49.5	53.3
2005	10	25	50.5	40.1	45.0
2005	10	26	56.7	39.4	47.0
2005	10	27	55.0	38.3	46.5
2005	10	28	53.4	42.3	48.6
2005	10	29	51.4	35.2	42.7
2005	10	30	68.0	39.0	51.1
2005	10	31	69.6	44.1	55.2
2005	11	1	70.3	49.3	59.1
2005	11	2	63.0	42.8	53.5
2005	11	3	68.5	40.3	54.2
2005	11	4	72.0	49.3	60.1
2005	11	5	73.0	49.1	59.8
2005	11	6	75.7	55.4	64.4
2005	11	7	67.8	47.3	58.9
2005	11	8	73.0	47.8	58.5
2005	11	9	71.4	55.9	63.1
2005	11	10	69.4	41.9	56.1
2005	11	11	55.0	36.7	44.4
2005	11	12	61.2	36.5	48.3
2005	11	13	69.6	45.7	57.3
2005	11	14	68.4	57.4	60.8
2005	11	15	70.9	56.7	62.1
2005	11	16	75.9	44.8	64.6
2005	11	17	45.9	29.7	40.3
2005	11	18	42.1	26.9	32.5
2005	11	19	52.5	29.2	39.8
2005	11	20	60.8	39.7	48.3
2005	11	21	50.5	47.3	48.7
2005	11	22	50.9	39.0	44.6
2005	11	23	40.8	29.4	35.3
2005	11	24	55.6	26.3	42.8
2005	11	25	37.9	22.0	27.3
2005	11	26	46.6	24.0	36.1
2005	11	27	55.0	36.3	45.8
2005	11	28	65.8	48.2	56.7
2005	11	29	62.4	56.7	59.8
2005	11	30	60.8	41.0	52.6
2005	12	1	45.0	34.2	39.0
2005	12	2	45.5	28.3	36.0
2005	12	3	39.2	26.0	32.4
2005	12	4	57.6	36.7	44.0
2005	12	5	40.1	30.6	35.4
2005	12	6	41.2	26.9	32.7
2005	12	7	43.3	24.3	32.1

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Table 2.7-118—CCNPP Daily Average and Extreme Temperatures (2000-2005)
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Year	Month	Day	Maximum Temp °F	Minimum Temp °F	Average Temp °F
2005	12	8	36.3	23.6	28.2
2005	12	9	41.4	28.3	33.6
2005	12	10	41.2	22.4	32.6
2005	12	11	47.1	30.8	39.0
2005	12	12	45.1	31.0	36.5
2005	12	13	32.9	23.6	27.7
2005	12	20	37.4	22.0	29.5
2005	12	21	34.9	23.8	29.1
2005	12	22	40.6	28.3	33.8
2005	12	23	52.9	31.5	41.4
2005	12	24	49.8	38.3	43.8
2005	12	25	51.8	40.6	45.4
2005	12	26	47.7	41.0	44.1
2005	12	27	46.0	36.7	40.8
2005	12	28	52.3	37.0	45.1
2005	12	29	52.3	45.1	47.0
2005	12	30	48.0	36.7	43.2
2005	12	31	48.6	37.9	42.3

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Table 2.7-119—CCNPP Monthly Mean Temperatures (1987 - 2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
°F	36.5	38.3	44.7	54.8	63.2	71.7	76.5	75.3	68.9	58.2	50.2	39.9	56.5
°C	2.5	3.5	7.1	12.7	17.3	22.1	24.7	24.1	20.5	14.6	10.1	4.4	13.6

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Table 2.7-120—CCNPP Monthly and Annual Precipitation (1992 - 2006)

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
in	2.11	2.16	3.58	2.90	2.87	2.82	3.04	1.95	2.80	2.42	2.74	2.20	31.58
mm	53.59	54.86	90.93	73.66	72.90	71.63	77.22	49.53	71.12	61.47	69.60	55.88	802.13

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

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CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 10.89

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4 - .9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	0	0	0	0	2	0	0	1	0	1	1	0	0	1	0	0	0	6	1.0 - 2.2
(1)	.00	.00	.00	.00	.03	.00	.00	.02	.00	.02	.02	.00	.00	.02	.00	.00	.00	.09	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
1.1- 1.5	3	3	4	8	4	0	5	2	3	12	9	6	8	4	1	1	0	73	2.3 - 3.4
(1)	.05	.05	.06	.12	.06	.00	.08	.03	.05	.18	.14	.09	.12	.06	.02	.02	.00	1.11	
(2)	.00	.00	.01	.01	.01	.00	.01	.00	.00	.02	.01	.01	.01	.01	.00	.00	.00	.12	
1.6- 2.0	10	29	20	22	14	13	7	13	11	36	54	27	14	5	5	7	0	287	3.5 - 4.5
(1)	.15	.44	.31	.34	.21	.20	.11	.20	.17	.55	.82	.41	.21	.08	.08	.11	.00	4.38	
(2)	.02	.05	.03	.04	.02	.02	.01	.02	.02	.06	.09	.04	.02	.01	.01	.01	.00	.48	
2.1- 3.0	139	178	121	71	83	67	72	84	84	193	297	178	66	38	29	19	0	1719	4.6 - 6.7
(1)	2.12	2.72	1.85	1.08	1.27	1.02	1.10	1.28	1.28	2.95	4.53	2.72	1.01	.58	.44	.29	.00	26.24	
(2)	.23	.30	.20	.12	.14	.11	.12	.14	.14	.32	.49	.30	.11	.06	.05	.03	.00	2.86	
3.1- 4.0	317	280	120	21	31	39	112	168	73	152	329	215	99	92	76	60	0	2184	6.8 - 8.9
(1)	4.84	4.27	1.83	.32	.47	.60	1.71	2.56	1.11	2.32	5.02	3.28	1.51	1.40	1.16	.92	.00	33.34	
(2)	.53	.47	.20	.03	.05	.06	.19	.28	.12	.25	.55	.36	.16	.15	.13	.10	.00	3.63	
4.1- 5.0	179	105	49	9	5	10	54	110	36	88	183	84	76	117	136	49	0	1290	9.0 - 11.2
(1)	2.73	1.60	.75	.14	.08	.15	.82	1.68	.55	1.34	2.79	1.28	1.16	1.79	2.08	.75	.00	19.69	
(2)	.30	.17	.08	.01	.01	.02	.09	.18	.06	.15	.30	.14	.13	.19	.23	.08	.00	2.14	
5.1- 6.0	70	24	28	1	0	1	12	53	6	35	72	26	40	120	122	31	0	641	11.3 - 13.4
(1)	1.07	.37	.43	.02	.00	.02	.18	.81	.09	.53	1.10	.40	.61	1.83	1.86	.47	.00	9.78	
(2)	.12	.04	.05	.00	.00	.00	.02	.09	.01	.06	.12	.04	.07	.20	.20	.05	.00	1.07	
6.1- 8.0	16	1	15	3	0	0	0	28	1	9	19	13	17	80	106	16	0	324	13.5 - 17.9
(1)	.24	.02	.23	.05	.00	.00	.00	.43	.02	.14	.29	.20	.26	1.22	1.62	.24	.00	4.95	
(2)	.03	.00	.02	.00	.00	.00	.00	.05	.00	.01	.03	.02	.03	.13	.18	.03	.00	.54	
8.1-10.0	0	0	0	0	0	0	0	0	0	2	0	0	2	13	8	0	0	25	18.0 - 22.4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.00	.03	.20	.12	.00	.00	.38	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.04	
10.1-89.5	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	22.5 - 200.2
(1)	.00	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.03	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
ALL SPEEDS	734	620	358	135	139	130	262	459	214	528	964	549	323	470	483	183	0	6551	
(1)	11.20	9.46	5.46	2.06	2.12	1.98	4.00	7.01	3.27	8.06	14.72	8.38	4.93	7.17	7.37	2.79	.00	100.00	
(2)	1.22	1.03	.60	.22	.23	.22	.44	.76	.36	.88	1.60	.91	.54	.78	.80	.30	.00	10.89	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 2 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.50

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4 - .9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	1	0	1	0	2	0	1	1	1	0	0	0	0	0	0	1	0	8	1.0 - 2.2
(1)	.04	.00	.04	.00	.07	.00	.04	.04	.04	.00	.00	.00	.00	.00	.00	.04	.00	.30	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
1.1- 1.5	3	4	3	2	9	1	4	2	3	5	7	3	4	3	0	0	0	53	2.3 - 3.4
(1)	.11	.15	.11	.07	.33	.04	.15	.07	.11	.18	.26	.11	.15	.11	.00	.00	.00	1.96	
(2)	.00	.01	.00	.00	.01	.00	.01	.00	.00	.01	.01	.00	.01	.00	.00	.00	.00	.09	
1.6- 2.0	12	12	27	24	13	20	13	3	13	10	24	20	10	6	4	6	0	217	3.5 - 4.5
(1)	.44	.44	1.00	.89	.48	.74	.48	.11	.48	.37	.89	.74	.37	.22	.15	.22	.00	8.01	
(2)	.02	.02	.04	.04	.02	.03	.02	.00	.02	.02	.04	.03	.02	.01	.01	.01	.00	.36	
2.1- 3.0	103	132	74	70	53	36	48	44	40	58	69	70	46	31	17	15	0	906	4.6 - 6.7
(1)	3.80	4.87	2.73	2.58	1.96	1.33	1.77	1.62	1.48	2.14	2.55	2.58	1.70	1.14	.63	.55	.00	33.44	
(2)	.17	.22	.12	.12	.09	.06	.08	.07	.07	.10	.11	.12	.08	.05	.03	.02	.00	1.51	
3.1- 4.0	122	92	49	16	8	12	53	86	16	44	86	58	33	34	33	18	0	760	6.8 - 8.9
(1)	4.50	3.40	1.81	.59	.30	.44	1.96	3.17	.59	1.62	3.17	2.14	1.22	1.26	1.22	.66	.00	28.05	
(2)	.20	.15	.08	.03	.01	.02	.09	.14	.03	.07	.14	.10	.05	.06	.05	.03	.00	1.26	
4.1- 5.0	58	18	31	3	1	3	15	31	10	22	42	23	26	27	45	29	0	384	9.0 - 11.2
(1)	2.14	.66	1.14	.11	.04	.11	.55	1.14	.37	.81	1.55	.85	.96	1.00	1.66	1.07	.00	14.17	
(2)	.10	.03	.05	.00	.00	.00	.02	.05	.02	.04	.07	.04	.04	.04	.07	.05	.00	.64	
5.1- 6.0	43	10	17	4	0	1	4	21	3	5	17	4	14	26	44	15	0	228	11.3 - 13.4
(1)	1.59	.37	.63	.15	.00	.04	.15	.78	.11	.18	.63	.15	.52	.96	1.62	.55	.00	8.42	
(2)	.07	.02	.03	.01	.00	.00	.01	.03	.00	.01	.03	.01	.02	.04	.07	.02	.00	.38	
6.1- 8.0	10	2	4	4	0	0	2	12	1	4	6	5	5	38	38	10	0	141	13.5 - 17.9
(1)	.37	.07	.15	.15	.00	.00	.07	.44	.04	.15	.22	.18	.18	1.40	1.40	.37	.00	5.20	
(2)	.02	.00	.01	.01	.00	.00	.00	.02	.00	.01	.01	.01	.01	.06	.06	.02	.00	.23	
8.1-10.0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	7	0	0	10	18.0 - 22.4
(1)	.04	.00	.00	.00	.00	.00	.00	.04	.00	.00	.00	.00	.00	.04	.26	.00	.00	.37	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	
10.1-89.5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	22.5 - 200.2
(1)	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
ALL SPEEDS	354	270	206	123	86	73	140	201	87	148	251	184	138	166	188	94	0	2709	
(1)	13.07	9.97	7.60	4.54	3.17	2.69	5.17	7.42	3.21	5.46	9.27	6.79	5.09	6.13	6.94	3.47	.00	100.00	
(2)	.59	.45	.34	.20	.14	.12	.23	.33	.14	.25	.42	.31	.23	.28	.31	.16	.00	4.50	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 3 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.09

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	.4 - .9
(1)	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	1	1	1	0	3	0	2	1	2	1	3	2	3	1	1	1	0	23	1.0 - 2.2
(1)	.03	.03	.03	.00	.10	.00	.07	.03	.07	.03	.10	.07	.10	.03	.03	.03	.00	.75	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	
1.1- 1.5	5	14	8	13	11	7	6	5	3	8	11	12	8	6	2	4	0	123	2.3 - 3.4
(1)	.16	.46	.26	.42	.36	.23	.20	.16	.10	.26	.36	.39	.26	.20	.07	.13	.00	4.02	
(2)	.01	.02	.01	.02	.02	.01	.01	.01	.00	.01	.02	.02	.01	.01	.00	.01	.00	.20	
1.6- 2.0	18	41	23	30	39	21	19	16	16	11	31	24	16	7	8	4	0	324	3.5 - 4.5
(1)	.59	1.34	.75	.98	1.27	.69	.62	.52	.52	.36	1.01	.78	.52	.23	.26	.13	.00	10.58	
(2)	.03	.07	.04	.05	.06	.03	.03	.03	.03	.02	.05	.04	.03	.01	.01	.01	.00	.54	
2.1- 3.0	132	163	107	79	58	44	56	63	39	60	108	76	48	38	36	25	0	1132	4.6 - 6.7
(1)	4.31	5.32	3.49	2.58	1.89	1.44	1.83	2.06	1.27	1.96	3.53	2.48	1.57	1.24	1.18	.82	.00	36.97	
(2)	.22	.27	.18	.13	.10	.07	.09	.10	.06	.10	.18	.13	.08	.06	.06	.04	.00	1.88	
3.1- 4.0	126	71	76	19	13	8	18	92	26	32	75	56	43	32	47	30	0	764	6.8 - 8.9
(1)	4.11	2.32	2.48	.62	.42	.26	.59	3.00	.85	1.05	2.45	1.83	1.40	1.05	1.53	.98	.00	24.95	
(2)	.21	.12	.13	.03	.02	.01	.03	.15	.04	.05	.12	.09	.07	.05	.08	.05	.00	1.27	
4.1- 5.0	56	22	35	7	3	2	9	44	8	18	35	27	15	33	46	26	0	386	9.0 - 11.2
(1)	1.83	.72	1.14	.23	.10	.07	.29	1.44	.26	.59	1.14	.88	.49	1.08	1.50	.85	.00	12.61	
(2)	.09	.04	.06	.01	.00	.00	.01	.07	.01	.03	.06	.04	.02	.05	.08	.04	.00	.64	
5.1- 6.0	15	10	18	9	0	0	3	15	2	2	19	5	8	24	31	10	0	171	11.3 - 13.4
(1)	.49	.33	.59	.29	.00	.00	.10	.49	.07	.07	.62	.16	.26	.78	1.01	.33	.00	5.58	
(2)	.02	.02	.03	.01	.00	.00	.00	.02	.00	.00	.03	.01	.01	.04	.05	.02	.00	.28	
6.1- 8.0	18	4	7	5	0	0	0	5	0	2	4	0	5	27	41	9	0	127	13.5 - 17.9
(1)	.59	.13	.23	.16	.00	.00	.00	.16	.00	.07	.13	.00	.16	.88	1.34	.29	.00	4.15	
(2)	.03	.01	.01	.01	.00	.00	.00	.01	.00	.00	.01	.00	.01	.04	.07	.01	.00	.21	
8.1-10.0	2	0	2	0	0	0	0	0	0	0	0	0	0	3	3	1	0	11	18.0 - 22.4
(1)	.07	.00	.07	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.10	.10	.03	.00	.36	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
10.1-89.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.5 - 200.2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
ALL SPEEDS	373	326	277	162	127	83	113	241	96	134	286	202	146	171	215	110	0	3062	
(1)	12.18	10.65	9.05	5.29	4.15	2.71	3.69	7.87	3.14	4.38	9.34	6.60	4.77	5.58	7.02	3.59	.00	100.00	
(2)	.62	.54	.46	.27	.21	.14	.19	.40	.16	.22	.48	.34	.24	.28	.36	.18	.00	5.09	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 4 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 33.91

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	1	0	0	0	0	2	3	0	0	1	2	1	0	10	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.00	.00	.05	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
.2- .4	1	1	0	2	0	0	1	1	2	2	2	2	4	5	0	1	0	24	.4 - .9
(1)	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.00	.00	.00	.12	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.04	
.5- 1.0	33	35	41	26	41	46	34	33	36	50	57	35	26	40	23	36	0	592	1.0 - 2.2
(1)	.16	.17	.20	.13	.20	.23	.17	.16	.18	.25	.28	.17	.13	.20	.11	.18	.00	2.90	
(2)	.05	.06	.07	.04	.07	.08	.06	.05	.06	.08	.09	.06	.04	.07	.04	.06	.00	.98	
1.1- 1.5	89	92	88	100	152	101	75	79	72	85	109	69	66	46	51	50	0	1324	2.3 - 3.4
(1)	.44	.45	.43	.49	.75	.50	.37	.39	.35	.42	.53	.34	.32	.23	.25	.25	.00	6.49	
(2)	.15	.15	.15	.17	.25	.17	.12	.13	.12	.14	.18	.11	.11	.08	.08	.08	.00	2.20	
1.6- 2.0	173	244	172	219	225	159	144	137	138	139	158	108	81	64	88	84	0	2333	3.5 - 4.5
(1)	.85	1.20	.84	1.07	1.10	.78	.71	.67	.68	.68	.77	.53	.40	.31	.43	.41	.00	11.44	
(2)	.29	.41	.29	.36	.37	.26	.24	.23	.23	.23	.26	.18	.13	.11	.15	.14	.00	3.88	
2.1- 3.0	487	577	448	573	434	274	304	463	284	242	375	282	184	171	287	303	0	5688	4.6 - 6.7
(1)	2.39	2.83	2.20	2.81	2.13	1.34	1.49	2.27	1.39	1.19	1.84	1.38	.90	.84	1.41	1.49	.00	27.89	
(2)	.81	.96	.74	.95	.72	.46	.51	.77	.47	.40	.62	.47	.31	.28	.48	.50	.00	9.45	
3.1- 4.0	470	352	470	445	186	116	153	406	179	154	294	191	114	150	374	452	0	4506	6.8 - 8.9
(1)	2.30	1.73	2.30	2.18	.91	.57	.75	1.99	.88	.76	1.44	.94	.56	.74	1.83	2.22	.00	22.09	
(2)	.78	.59	.78	.74	.31	.19	.25	.67	.30	.26	.49	.32	.19	.25	.62	.75	.00	7.49	
4.1- 5.0	384	285	403	243	48	19	53	221	80	80	188	80	65	144	334	324	0	2951	9.0 - 11.2
(1)	1.88	1.40	1.98	1.19	.24	.09	.26	1.08	.39	.39	.92	.39	.32	.71	1.64	1.59	.00	14.47	
(2)	.64	.47	.67	.40	.08	.03	.09	.37	.13	.13	.31	.13	.11	.24	.56	.54	.00	4.91	
5.1- 6.0	265	187	267	122	1	4	19	118	22	32	85	23	31	118	267	135	0	1696	11.3 - 13.4
(1)	1.30	.92	1.31	.60	.00	.02	.09	.58	.11	.16	.42	.11	.15	.58	1.31	.66	.00	8.31	
(2)	.44	.31	.44	.20	.00	.01	.03	.20	.04	.05	.14	.04	.05	.20	.44	.22	.00	2.82	
6.1- 8.0	204	110	211	53	3	2	13	62	17	17	15	12	15	133	162	49	0	1078	13.5 - 17.9
(1)	1.00	.54	1.03	.26	.01	.01	.06	.30	.08	.08	.07	.06	.07	.65	.79	.24	.00	5.29	
(2)	.34	.18	.35	.09	.00	.00	.02	.10	.03	.03	.02	.02	.02	.22	.27	.08	.00	1.79	
8.1-10.0	34	11	45	10	1	0	3	9	1	2	1	1	4	22	21	3	0	168	18.0 - 22.4
(1)	.17	.05	.22	.05	.00	.00	.01	.04	.00	.01	.00	.00	.02	.11	.10	.01	.00	.82	
(2)	.06	.02	.07	.02	.00	.00	.00	.01	.00	.00	.00	.00	.01	.04	.03	.00	.00	.28	
10.1-89.5	4	2	13	3	1	0	1	1	0	0	0	0	0	1	1	0	0	27	22.5 - 200.2
(1)	.02	.01	.06	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.13	
(2)	.01	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	
ALL SPEEDS	2144	1896	2158	1796	1093	721	800	1530	831	805	1287	803	590	895	1610	1438	0	20397	
(1)	10.51	9.30	10.58	8.81	5.36	3.53	3.92	7.50	4.07	3.95	6.31	3.94	2.89	4.39	7.89	7.05	.00	100.00	
(2)	3.56	3.15	3.59	2.99	1.82	1.20	1.33	2.54	1.38	1.34	2.14	1.33	.98	1.49	2.68	2.39	.00	33.91	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 5 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 27.57

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	3	3	0	0	2	1	4	6	7	3	12	8	5	1	2	1	0	58	LT .4
(1)	.02	.02	.00	.00	.01	.01	.02	.04	.04	.02	.07	.05	.03	.01	.01	.01	.00	.35	
(2)	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.02	.01	.01	.00	.00	.00	.00	.10	
.2- .4	3	2	7	2	4	7	8	10	17	19	10	13	15	7	8	1	0	133	.4 - .9
(1)	.02	.01	.04	.01	.02	.04	.05	.06	.10	.11	.06	.08	.09	.04	.05	.01	.00	.80	
(2)	.00	.00	.01	.00	.01	.01	.01	.02	.03	.03	.02	.02	.02	.01	.01	.00	.00	.22	
.5- 1.0	54	42	35	40	59	65	67	83	120	132	137	100	81	52	63	63	0	1193	1.0 - 2.2
(1)	.33	.25	.21	.24	.36	.39	.40	.50	.72	.80	.83	.60	.49	.31	.38	.38	.00	7.19	
(2)	.09	.07	.06	.07	.10	.11	.11	.14	.20	.22	.23	.17	.13	.09	.10	.10	.00	1.98	
1.1- 1.5	110	107	75	64	68	81	98	144	235	299	278	165	134	127	152	84	0	2221	2.3 - 3.4
(1)	.66	.65	.45	.39	.41	.49	.59	.87	1.42	1.80	1.68	.99	.81	.77	.92	.51	.00	13.39	
(2)	.18	.18	.12	.11	.11	.13	.16	.24	.39	.50	.46	.27	.22	.21	.25	.14	.00	3.69	
1.6- 2.0	137	141	63	76	99	70	115	184	296	309	319	204	178	214	233	175	0	2813	3.5 - 4.5
(1)	.83	.85	.38	.46	.60	.42	.69	1.11	1.78	1.86	1.92	1.23	1.07	1.29	1.40	1.05	.00	16.96	
(2)	.23	.23	.10	.13	.16	.12	.19	.31	.49	.51	.53	.34	.30	.36	.39	.29	.00	4.68	
2.1- 3.0	244	213	134	101	105	71	102	270	566	630	871	364	281	354	657	365	0	5328	4.6 - 6.7
(1)	1.47	1.28	.81	.61	.63	.43	.61	1.63	3.41	3.80	5.25	2.19	1.69	2.13	3.96	2.20	.00	32.12	
(2)	.41	.35	.22	.17	.17	.12	.17	.45	.94	1.05	1.45	.61	.47	.59	1.09	.61	.00	8.86	
3.1- 4.0	162	100	88	38	16	16	36	157	234	360	775	162	123	182	393	221	0	3063	6.8 - 8.9
(1)	.98	.60	.53	.23	.10	.10	.22	.95	1.41	2.17	4.67	.98	.74	1.10	2.37	1.33	.00	18.47	
(2)	.27	.17	.15	.06	.03	.03	.06	.26	.39	.60	1.29	.27	.20	.30	.65	.37	.00	5.09	
4.1- 5.0	78	36	33	6	8	5	11	78	77	163	292	54	47	110	119	78	0	1195	9.0 - 11.2
(1)	.47	.22	.20	.04	.05	.03	.07	.47	.46	.98	1.76	.33	.28	.66	.72	.47	.00	7.20	
(2)	.13	.06	.05	.01	.01	.01	.02	.13	.13	.27	.49	.09	.08	.18	.20	.13	.00	1.99	
5.1- 6.0	34	15	7	0	2	1	5	30	23	56	94	12	18	48	44	18	0	407	11.3 - 13.4
(1)	.20	.09	.04	.00	.01	.01	.03	.18	.14	.34	.57	.07	.11	.29	.27	.11	.00	2.45	
(2)	.06	.02	.01	.00	.00	.00	.01	.05	.04	.09	.16	.02	.03	.08	.07	.03	.00	.68	
6.1- 8.0	13	1	2	2	0	1	4	25	9	12	16	3	6	22	14	4	0	134	13.5 - 17.9
(1)	.08	.01	.01	.01	.00	.01	.02	.15	.05	.07	.10	.02	.04	.13	.08	.02	.00	.81	
(2)	.02	.00	.00	.00	.00	.00	.01	.04	.01	.02	.03	.00	.01	.04	.02	.01	.00	.22	
8.1-10.0	7	1	0	0	0	0	1	5	0	0	0	2	0	6	2	4	0	28	18.0 - 22.4
(1)	.04	.01	.00	.00	.00	.00	.01	.03	.00	.00	.00	.01	.00	.04	.01	.02	.00	.17	
(2)	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.01	.00	.05	
10.1-89.5	0	0	8	2	0	2	2	0	0	0	0	0	0	1	0	0	0	15	22.5 - 200.2
(1)	.00	.00	.05	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.09	
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
ALL SPEEDS	845	661	452	331	363	320	453	992	1584	1983	2804	1087	888	1124	1687	1014	0	16588	
(1)	5.09	3.98	2.72	2.00	2.19	1.93	2.73	5.98	9.55	11.95	16.90	6.55	5.35	6.78	10.17	6.11	.00	100.00	
(2)	1.40	1.10	.75	.55	.60	.53	.75	1.65	2.63	3.30	4.66	1.81	1.48	1.87	2.80	1.69	.00	27.57	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

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CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.52

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	4	2	2	2	2	3	2	8	9	9	9	3	4	4	1	0	64	LT .4
(1)	.00	.06	.03	.03	.03	.03	.05	.03	.13	.14	.14	.14	.05	.06	.06	.02	.00	1.01	
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.00	.00	.11	
.2- .4	0	2	6	2	9	8	8	12	11	19	11	5	7	10	1	6	0	117	.4 - .9
(1)	.00	.03	.09	.03	.14	.13	.13	.19	.17	.30	.17	.08	.11	.16	.02	.09	.00	1.85	
(2)	.00	.00	.01	.00	.01	.01	.01	.02	.02	.03	.02	.01	.01	.02	.00	.01	.00	.19	
.5- 1.0	31	29	41	27	22	41	30	55	104	150	179	110	82	71	28	32	0	1032	1.0 - 2.2
(1)	.49	.46	.65	.43	.35	.65	.47	.87	1.64	2.37	2.83	1.74	1.30	1.12	.44	.51	.00	16.31	
(2)	.05	.05	.07	.04	.04	.07	.05	.09	.17	.25	.30	.18	.14	.12	.05	.05	.00	1.72	
1.1- 1.5	25	27	24	16	15	24	36	83	216	373	342	177	104	127	71	30	0	1690	2.3 - 3.4
(1)	.40	.43	.38	.25	.24	.38	.57	1.31	3.41	5.89	5.40	2.80	1.64	2.01	1.12	.47	.00	26.71	
(2)	.04	.04	.04	.03	.02	.04	.06	.14	.36	.62	.57	.29	.17	.21	.12	.05	.00	2.81	
1.6- 2.0	20	26	13	18	6	6	27	85	187	344	374	190	135	154	107	24	0	1716	3.5 - 4.5
(1)	.32	.41	.21	.28	.09	.09	.43	1.34	2.96	5.44	5.91	3.00	2.13	2.43	1.69	.38	.00	27.12	
(2)	.03	.04	.02	.03	.01	.01	.04	.14	.31	.57	.62	.32	.22	.26	.18	.04	.00	2.85	
2.1- 3.0	23	37	12	9	5	1	15	38	104	229	458	172	92	135	132	11	0	1473	4.6 - 6.7
(1)	.36	.58	.19	.14	.08	.02	.24	.60	1.64	3.62	7.24	2.72	1.45	2.13	2.09	.17	.00	23.28	
(2)	.04	.06	.02	.01	.01	.00	.02	.06	.17	.38	.76	.29	.15	.22	.22	.02	.00	2.45	
3.1- 4.0	2	9	2	2	0	0	0	1	12	25	81	16	6	5	12	1	0	174	6.8 - 8.9
(1)	.03	.14	.03	.03	.00	.00	.00	.02	.19	.40	1.28	.25	.09	.08	.19	.02	.00	2.75	
(2)	.00	.01	.00	.00	.00	.00	.00	.00	.02	.04	.13	.03	.01	.01	.02	.00	.00	.29	
4.1- 5.0	3	4	3	8	2	0	0	0	1	2	11	0	1	0	2	0	0	37	9.0 - 11.2
(1)	.05	.06	.05	.13	.03	.00	.00	.00	.02	.03	.17	.00	.02	.00	.03	.00	.00	.58	
(2)	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.00	.06	
5.1- 6.0	5	1	2	6	2	0	0	0	0	0	2	0	1	0	0	2	0	21	11.3 - 13.4
(1)	.08	.02	.03	.09	.03	.00	.00	.00	.00	.00	.03	.00	.02	.00	.00	.03	.00	.33	
(2)	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	
6.1- 8.0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	13.5 - 17.9
(1)	.02	.02	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.06	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
8.1-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.0 - 22.4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
10.1-89.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.5 - 200.2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
ALL SPEEDS	110	140	107	90	63	82	119	276	643	1151	1467	679	431	506	357	107	0	6328	
(1)	1.74	2.21	1.69	1.42	1.00	1.30	1.88	4.36	10.16	18.19	23.18	10.73	6.81	8.00	5.64	1.69	.00	100.00	
(2)	.18	.23	.18	.15	.10	.14	.20	.46	1.07	1.91	2.44	1.13	.72	.84	.59	.18	.00	10.52	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 7 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.52

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	1	1	2	2	1	2	3	9	5	12	15	3	1	2	2	0	61	LT .4
(1)	.00	.02	.02	.04	.04	.02	.04	.07	.20	.11	.27	.33	.07	.02	.04	.04	.00	1.35	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.00	.00	.00	.00	.00	.10	
.2- .4	2	0	2	3	1	7	3	6	16	23	24	18	18	7	7	3	0	140	.4 - .9
(1)	.04	.00	.04	.07	.02	.15	.07	.13	.35	.51	.53	.40	.40	.15	.15	.07	.00	3.09	
(2)	.00	.00	.00	.00	.00	.01	.00	.01	.03	.04	.04	.03	.03	.01	.01	.00	.00	.23	
.5- 1.0	15	4	9	12	9	12	9	30	64	119	193	196	162	108	21	12	0	975	1.0 - 2.2
(1)	.33	.09	.20	.27	.20	.27	.20	.66	1.41	2.63	4.27	4.33	3.58	2.39	.46	.27	.00	21.55	
(2)	.02	.01	.01	.02	.01	.02	.01	.05	.11	.20	.32	.33	.27	.18	.03	.02	.00	1.62	
1.1- 1.5	6	6	9	8	2	6	7	23	119	393	488	270	167	126	18	3	0	1651	2.3 - 3.4
(1)	.13	.13	.20	.18	.04	.13	.15	.51	2.63	8.69	10.79	5.97	3.69	2.79	.40	.07	.00	36.49	
(2)	.01	.01	.01	.01	.00	.01	.01	.04	.20	.65	.81	.45	.28	.21	.03	.00	.00	2.74	
1.6- 2.0	1	8	2	9	0	8	4	22	82	263	378	138	108	126	26	5	0	1180	3.5 - 4.5
(1)	.02	.18	.04	.20	.00	.18	.09	.49	1.81	5.81	8.36	3.05	2.39	2.79	.57	.11	.00	26.08	
(2)	.00	.01	.00	.01	.00	.01	.01	.04	.14	.44	.63	.23	.18	.21	.04	.01	.00	1.96	
2.1- 3.0	1	4	3	0	0	2	2	7	22	64	160	72	55	51	21	2	0	466	4.6 - 6.7
(1)	.02	.09	.07	.00	.00	.04	.04	.15	.49	1.41	3.54	1.59	1.22	1.13	.46	.04	.00	10.30	
(2)	.00	.01	.00	.00	.00	.00	.00	.01	.04	.11	.27	.12	.09	.08	.03	.00	.00	.77	
3.1- 4.0	0	1	0	0	0	0	0	1	0	3	3	1	3	0	2	0	0	14	6.8 - 8.9
(1)	.00	.02	.00	.00	.00	.00	.00	.02	.00	.07	.07	.02	.07	.00	.04	.00	.00	.31	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
4.1- 5.0	0	1	2	5	1	0	0	0	0	0	1	0	0	1	5	0	0	16	9.0 - 11.2
(1)	.00	.02	.04	.11	.02	.00	.00	.00	.00	.00	.02	.00	.00	.02	.11	.00	.00	.35	
(2)	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.03	
5.1- 6.0	0	0	3	2	0	0	0	0	0	0	0	0	0	1	1	0	0	7	11.3 - 13.4
(1)	.00	.00	.07	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.15	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
6.1- 8.0	0	0	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9	13.5 - 17.9
(1)	.00	.00	.18	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.20	
(2)	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
8.1-10.0	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	18.0 - 22.4
(1)	.00	.00	.07	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.11	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
10.1-89.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.5 - 200.2
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
ALL SPEEDS	25	25	42	44	15	36	27	92	312	870	1259	710	516	421	103	27	0	4524	
(1)	.55	.55	.93	.97	.33	.80	.60	2.03	6.90	19.23	27.83	15.69	11.41	9.31	2.28	.60	.00	100.00	
(2)	.04	.04	.07	.07	.02	.06	.04	.15	.52	1.45	2.09	1.18	.86	.70	.17	.04	.00	7.52	

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Table 2.7-121—CCNPP 33' (10-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 8 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

33.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	3	8	3	4	7	4	9	11	24	19	36	33	11	7	10	5	0	194	LT .4
(1)	.00	.01	.00	.01	.01	.01	.01	.02	.04	.03	.06	.05	.02	.01	.02	.01	.00	.32	
(2)	.00	.01	.00	.01	.01	.01	.01	.02	.04	.03	.06	.05	.02	.01	.02	.01	.00	.32	
.2- .4	6	5	15	9	14	23	20	29	46	63	47	38	44	29	16	11	0	415	.4 - .9
(1)	.01	.01	.02	.01	.02	.04	.03	.05	.08	.10	.08	.06	.07	.05	.03	.02	.00	.69	
(2)	.01	.01	.02	.01	.02	.04	.03	.05	.08	.10	.08	.06	.07	.05	.03	.02	.00	.69	
.5- 1.0	135	111	128	105	138	164	143	204	327	453	570	443	354	273	136	145	0	3829	1.0 - 2.2
(1)	.22	.18	.21	.17	.23	.27	.24	.34	.54	.75	.95	.74	.59	.45	.23	.24	.00	6.36	
(2)	.22	.18	.21	.17	.23	.27	.24	.34	.54	.75	.95	.74	.59	.45	.23	.24	.00	6.36	
1.1- 1.5	241	253	211	211	261	220	231	338	651	1175	1244	702	491	439	295	172	0	7135	2.3 - 3.4
(1)	.40	.42	.35	.35	.43	.37	.38	.56	1.08	1.95	2.07	1.17	.82	.73	.49	.29	.00	11.86	
(2)	.40	.42	.35	.35	.43	.37	.38	.56	1.08	1.95	2.07	1.17	.82	.73	.49	.29	.00	11.86	
1.6- 2.0	371	501	320	398	396	297	329	460	743	1112	1338	711	542	576	471	305	0	8870	3.5 - 4.5
(1)	.62	.83	.53	.66	.66	.49	.55	.76	1.24	1.85	2.22	1.18	.90	.96	.78	.51	.00	14.74	
(2)	.62	.83	.53	.66	.66	.49	.55	.76	1.24	1.85	2.22	1.18	.90	.96	.78	.51	.00	14.74	
2.1- 3.0	1129	1304	899	903	738	495	599	969	1139	1476	2338	1214	772	818	1179	740	0	16712	4.6 - 6.7
(1)	1.88	2.17	1.49	1.50	1.23	.82	1.00	1.61	1.89	2.45	3.89	2.02	1.28	1.36	1.96	1.23	.00	27.78	
(2)	1.88	2.17	1.49	1.50	1.23	.82	1.00	1.61	1.89	2.45	3.89	2.02	1.28	1.36	1.96	1.23	.00	27.78	
3.1- 4.0	1199	905	805	541	254	191	372	911	540	770	1643	699	421	495	937	782	0	11465	6.8 - 8.9
(1)	1.99	1.50	1.34	.90	.42	.32	.62	1.51	.90	1.28	2.73	1.16	.70	.82	1.56	1.30	.00	19.06	
(2)	1.99	1.50	1.34	.90	.42	.32	.62	1.51	.90	1.28	2.73	1.16	.70	.82	1.56	1.30	.00	19.06	
4.1- 5.0	758	471	556	281	68	39	142	484	212	373	752	268	230	432	687	506	0	6259	9.0 - 11.2
(1)	1.26	.78	.92	.47	.11	.06	.24	.80	.35	.62	1.25	.45	.38	.72	1.14	.84	.00	10.40	
(2)	1.26	.78	.92	.47	.11	.06	.24	.80	.35	.62	1.25	.45	.38	.72	1.14	.84	.00	10.40	
5.1- 6.0	432	247	342	144	5	7	43	237	56	130	289	70	112	337	509	211	0	3171	11.3 - 13.4
(1)	.72	.41	.57	.24	.01	.01	.07	.39	.09	.22	.48	.12	.19	.56	.85	.35	.00	5.27	
(2)	.72	.41	.57	.24	.01	.01	.07	.39	.09	.22	.48	.12	.19	.56	.85	.35	.00	5.27	
6.1- 8.0	262	119	249	68	3	3	19	132	28	44	60	33	48	300	361	88	0	1817	13.5 - 17.9
(1)	.44	.20	.41	.11	.00	.00	.03	.22	.05	.07	.10	.05	.08	.50	.60	.15	.00	3.02	
(2)	.44	.20	.41	.11	.00	.00	.03	.22	.05	.07	.10	.05	.08	.50	.60	.15	.00	3.02	
8.1-10.0	44	12	50	12	1	0	4	15	1	4	1	3	6	45	41	8	0	247	18.0 - 22.4
(1)	.07	.02	.08	.02	.00	.00	.01	.02	.00	.01	.00	.00	.01	.07	.07	.01	.00	.41	
(2)	.07	.02	.08	.02	.00	.00	.01	.02	.00	.01	.00	.00	.01	.07	.07	.01	.00	.41	
10.1-89.5	5	2	22	5	1	2	3	1	0	0	0	0	1	2	1	0	0	45	22.5 - 200.2
(1)	.01	.00	.04	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	
(2)	.01	.00	.04	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	
ALL SPEEDS	4585	3938	3600	2681	1886	1445	1914	3791	3767	5619	8318	4214	3032	3753	4643	2973	0	60159	
(1)	7.62	6.55	5.98	4.46	3.14	2.40	3.18	6.30	6.26	9.34	13.83	7.00	5.04	6.24	7.72	4.94	.00	100.00	
(2)	7.62	6.55	5.98	4.46	3.14	2.40	3.18	6.30	6.26	9.34	13.83	7.00	5.04	6.24	7.72	4.94	.00	100.00	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 1 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS A CLASS FREQUENCY (PERCENT) = 10.94

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4 - .9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1.0 - 2.2
(1)	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
1.1- 1.5	2	3	2	3	4	2	1	1	0	1	0	1	1	1	0	0	0	22	2.3 - 3.4
(1)	.03	.05	.03	.05	.06	.03	.02	.02	.00	.02	.00	.02	.02	.02	.00	.00	.00	.34	
(2)	.00	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	
1.6- 2.0	12	13	9	12	20	1	1	1	2	4	12	11	6	0	1	6	0	111	3.5 - 4.5
(1)	.18	.20	.14	.18	.31	.02	.02	.02	.03	.06	.18	.17	.09	.00	.02	.09	.00	1.70	
(2)	.02	.02	.02	.02	.03	.00	.00	.00	.00	.01	.02	.02	.01	.00	.00	.01	.00	.19	
2.1- 3.0	75	91	58	55	76	48	26	22	29	48	77	33	17	10	10	15	0	690	4.6 - 6.7
(1)	1.15	1.39	.89	.84	1.16	.73	.40	.34	.44	.73	1.18	.51	.26	.15	.15	.23	.00	10.56	
(2)	.13	.15	.10	.09	.13	.08	.04	.04	.05	.08	.13	.06	.03	.02	.02	.03	.00	1.16	
3.1- 4.0	166	181	38	18	30	54	63	91	54	120	157	93	42	27	18	22	0	1174	6.8 - 8.9
(1)	2.54	2.77	.58	.28	.46	.83	.96	1.39	.83	1.84	2.40	1.42	.64	.41	.28	.34	.00	17.97	
(2)	.28	.30	.06	.03	.05	.09	.11	.15	.09	.20	.26	.16	.07	.05	.03	.04	.00	1.97	
4.1- 5.0	246	132	20	6	14	32	79	112	52	150	222	112	64	50	59	42	0	1392	9.0 - 11.2
(1)	3.77	2.02	.31	.09	.21	.49	1.21	1.71	.80	2.30	3.40	1.71	.98	.77	.90	.64	.00	21.31	
(2)	.41	.22	.03	.01	.02	.05	.13	.19	.09	.25	.37	.19	.11	.08	.10	.07	.00	2.33	
5.1- 6.0	154	93	14	1	7	6	55	91	39	108	203	89	62	75	72	56	0	1125	11.3 - 13.4
(1)	2.36	1.42	.21	.02	.11	.09	.84	1.39	.60	1.65	3.11	1.36	.95	1.15	1.10	.86	.00	17.22	
(2)	.26	.16	.02	.00	.01	.01	.09	.15	.07	.18	.34	.15	.10	.13	.12	.09	.00	1.88	
6.1- 8.0	141	78	22	5	6	6	39	89	28	152	244	87	78	180	168	64	0	1387	13.5 - 17.9
(1)	2.16	1.19	.34	.08	.09	.09	.60	1.36	.43	2.33	3.74	1.33	1.19	2.76	2.57	.98	.00	21.23	
(2)	.24	.13	.04	.01	.01	.01	.07	.15	.05	.25	.41	.15	.13	.30	.28	.11	.00	2.32	
8.1-10.0	35	33	11	2	0	0	7	23	3	47	62	19	16	107	110	13	0	488	18.0 - 22.4
(1)	.54	.51	.17	.03	.00	.00	.11	.35	.05	.72	.95	.29	.24	1.64	1.68	.20	.00	7.47	
(2)	.06	.06	.02	.00	.00	.00	.01	.04	.01	.08	.10	.03	.03	.18	.18	.02	.00	.82	
10.1-89.5	4	6	9	1	0	0	0	6	1	12	9	5	10	35	38	5	0	141	22.5 - 200.2
(1)	.06	.09	.14	.02	.00	.00	.00	.09	.02	.18	.14	.08	.15	.54	.58	.08	.00	2.16	
(2)	.01	.01	.02	.00	.00	.00	.00	.01	.00	.02	.02	.01	.02	.06	.06	.01	.00	.24	
ALL SPEEDS	835	630	184	103	158	149	271	436	208	642	986	450	296	485	476	223	0	6532	
(1)	12.78	9.64	2.82	1.58	2.42	2.28	4.15	6.67	3.18	9.83	15.09	6.89	4.53	7.42	7.29	3.41	.00	100.00	
(2)	1.40	1.06	.31	.17	.26	.25	.45	.73	.35	1.08	1.65	.75	.50	.81	.80	.37	.00	10.94	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 2 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS B CLASS FREQUENCY (PERCENT) = 4.50

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4 - .9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	0	1	1	0	1	0	0	1	0	0	0	0	1	0	2	0	0	7	1.0 - 2.2
(1)	.00	.04	.04	.00	.04	.00	.00	.04	.00	.00	.00	.00	.04	.00	.07	.00	.00	.26	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
1.1- 1.5	2	4	2	5	3	3	3	1	0	0	4	2	1	0	0	0	0	30	2.3 - 3.4
(1)	.07	.15	.07	.19	.11	.11	.11	.04	.00	.00	.15	.07	.04	.00	.00	.00	.00	1.12	
(2)	.00	.01	.00	.01	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.05	
1.6- 2.0	6	10	14	20	10	11	3	1	4	3	7	5	1	1	3	3	0	102	3.5 - 4.5
(1)	.22	.37	.52	.74	.37	.41	.11	.04	.15	.11	.26	.19	.04	.04	.11	.11	.00	3.79	
(2)	.01	.02	.02	.03	.02	.02	.01	.00	.01	.01	.01	.01	.00	.00	.01	.01	.00	.17	
2.1- 3.0	66	81	48	38	68	30	22	17	12	26	25	33	14	9	4	13	0	506	4.6 - 6.7
(1)	2.45	3.01	1.79	1.41	2.53	1.12	.82	.63	.45	.97	.93	1.23	.52	.33	.15	.48	.00	18.82	
(2)	.11	.14	.08	.06	.11	.05	.04	.03	.02	.04	.04	.06	.02	.02	.01	.02	.00	.85	
3.1- 4.0	94	87	16	12	13	22	37	42	20	26	46	38	29	24	13	17	0	536	6.8 - 8.9
(1)	3.50	3.24	.60	.45	.48	.82	1.38	1.56	.74	.97	1.71	1.41	1.08	.89	.48	.63	.00	19.93	
(2)	.16	.15	.03	.02	.02	.04	.06	.07	.03	.04	.08	.06	.05	.04	.02	.03	.00	.90	
4.1- 5.0	78	46	8	4	5	11	30	56	17	33	51	38	22	20	20	20	0	459	9.0 - 11.2
(1)	2.90	1.71	.30	.15	.19	.41	1.12	2.08	.63	1.23	1.90	1.41	.82	.74	.74	.74	.00	17.07	
(2)	.13	.08	.01	.01	.01	.02	.05	.09	.03	.06	.09	.06	.04	.03	.03	.03	.00	.77	
5.1- 6.0	49	26	9	1	3	1	25	42	8	37	59	22	20	22	29	21	0	374	11.3 - 13.4
(1)	1.82	.97	.33	.04	.11	.04	.93	1.56	.30	1.38	2.19	.82	.74	.82	1.08	.78	.00	13.91	
(2)	.08	.04	.02	.00	.01	.00	.04	.07	.01	.06	.10	.04	.03	.04	.05	.04	.00	.63	
6.1- 8.0	43	18	16	3	2	3	7	28	9	38	53	20	27	42	57	33	0	399	13.5 - 17.9
(1)	1.60	.67	.60	.11	.07	.11	.26	1.04	.33	1.41	1.97	.74	1.00	1.56	2.12	1.23	.00	14.84	
(2)	.07	.03	.03	.01	.00	.01	.01	.05	.02	.06	.09	.03	.05	.07	.10	.06	.00	.67	
8.1-10.0	25	12	10	3	0	0	2	19	3	17	13	5	9	39	41	15	0	213	18.0 - 22.4
(1)	.93	.45	.37	.11	.00	.00	.07	.71	.11	.63	.48	.19	.33	1.45	1.52	.56	.00	7.92	
(2)	.04	.02	.02	.01	.00	.00	.00	.03	.01	.03	.02	.01	.02	.07	.07	.03	.00	.36	
10.1-89.5	5	7	2	1	0	0	0	3	3	0	3	3	1	13	17	5	0	63	22.5 - 200.2
(1)	.19	.26	.07	.04	.00	.00	.00	.11	.11	.00	.11	.11	.04	.48	.63	.19	.00	2.34	
(2)	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.00	.02	.03	.01	.00	.11	
ALL SPEEDS	368	292	126	87	105	81	129	210	76	180	261	166	125	170	186	127	0	2689	
(1)	13.69	10.86	4.69	3.24	3.90	3.01	4.80	7.81	2.83	6.69	9.71	6.17	4.65	6.32	6.92	4.72	.00	100.00	
(2)	.62	.49	.21	.15	.18	.14	.22	.35	.13	.30	.44	.28	.21	.28	.31	.21	.00	4.50	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 3 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS C CLASS FREQUENCY (PERCENT) = 5.10

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.4 - .9
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.5- 1.0	1	1	1	0	0	2	1	1	1	1	0	4	0	1	0	0	0	14	1.0 - 2.2
(1)	.03	.03	.03	.00	.00	.07	.03	.03	.03	.03	.00	.13	.00	.03	.00	.00	.00	.46	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.02	
1.1- 1.5	3	7	9	8	8	1	3	1	2	1	4	4	3	1	3	3	0	61	2.3 - 3.4
(1)	.10	.23	.30	.26	.26	.03	.10	.03	.07	.03	.13	.13	.10	.03	.10	.10	.00	2.00	
(2)	.01	.01	.02	.01	.01	.00	.01	.00	.00	.00	.01	.01	.01	.00	.01	.01	.00	.10	
1.6- 2.0	15	33	22	26	27	13	6	6	2	4	16	10	8	5	4	4	0	201	3.5 - 4.5
(1)	.49	1.08	.72	.85	.89	.43	.20	.20	.07	.13	.53	.33	.26	.16	.13	.13	.00	6.61	
(2)	.03	.06	.04	.04	.05	.02	.01	.01	.00	.01	.03	.02	.01	.01	.01	.01	.00	.34	
2.1- 3.0	67	103	54	65	56	40	35	27	21	17	43	29	20	19	6	12	0	614	4.6 - 6.7
(1)	2.20	3.38	1.77	2.14	1.84	1.31	1.15	.89	.69	.56	1.41	.95	.66	.62	.20	.39	.00	20.18	
(2)	.11	.17	.09	.11	.09	.07	.06	.05	.04	.03	.07	.05	.03	.03	.01	.02	.00	1.03	
3.1- 4.0	118	95	32	14	18	24	33	39	26	26	58	47	31	21	30	32	0	644	6.8 - 8.9
(1)	3.88	3.12	1.05	.46	.59	.79	1.08	1.28	.85	.85	1.91	1.54	1.02	.69	.99	1.05	.00	21.16	
(2)	.20	.16	.05	.02	.03	.04	.06	.07	.04	.04	.10	.08	.05	.04	.05	.05	.00	1.08	
4.1- 5.0	72	49	11	3	11	9	20	68	18	38	54	37	24	22	37	35	0	508	9.0 - 11.2
(1)	2.37	1.61	.36	.10	.36	.30	.66	2.23	.59	1.25	1.77	1.22	.79	.72	1.22	1.15	.00	16.69	
(2)	.12	.08	.02	.01	.02	.02	.03	.11	.03	.06	.09	.06	.04	.04	.06	.06	.00	.85	
5.1- 6.0	48	27	8	6	1	2	6	41	10	27	48	31	17	23	26	27	0	348	11.3 - 13.4
(1)	1.58	.89	.26	.20	.03	.07	.20	1.35	.33	.89	1.58	1.02	.56	.76	.85	.89	.00	11.44	
(2)	.08	.05	.01	.01	.00	.00	.01	.07	.02	.05	.08	.05	.03	.04	.04	.05	.00	.58	
6.1- 8.0	36	31	19	5	1	2	9	39	12	38	45	25	21	32	63	30	0	408	13.5 - 17.9
(1)	1.18	1.02	.62	.16	.03	.07	.30	1.28	.39	1.25	1.48	.82	.69	1.05	2.07	.99	.00	13.41	
(2)	.06	.05	.03	.01	.00	.00	.02	.07	.02	.06	.08	.04	.04	.05	.11	.05	.00	.68	
8.1-10.0	13	26	9	3	1	0	2	10	2	8	18	3	5	33	34	7	0	174	18.0 - 22.4
(1)	.43	.85	.30	.10	.03	.00	.07	.33	.07	.26	.59	.10	.16	1.08	1.12	.23	.00	5.72	
(2)	.02	.04	.02	.01	.00	.00	.00	.02	.00	.01	.03	.01	.01	.06	.06	.01	.00	.29	
10.1-89.5	10	8	6	2	0	0	0	0	0	2	3	0	2	12	25	1	0	71	22.5 - 200.2
(1)	.33	.26	.20	.07	.00	.00	.00	.00	.00	.07	.10	.00	.07	.39	.82	.03	.00	2.33	
(2)	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.04	.00	.00	.12	
ALL SPEEDS	383	380	171	132	123	93	115	232	94	162	289	190	131	169	228	151	0	3043	
(1)	12.59	12.49	5.62	4.34	4.04	3.06	3.78	7.62	3.09	5.32	9.50	6.24	4.30	5.55	7.49	4.96	.00	100.00	
(2)	.64	.64	.29	.22	.21	.16	.19	.39	.16	.27	.48	.32	.22	.28	.38	.25	.00	5.10	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 4 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS D CLASS FREQUENCY (PERCENT) = 33.93

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	
.2- .4	0	2	0	0	1	0	0	1	0	0	0	0	1	2	1	1	0	9	.4 - .9
(1)	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.04	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
.5- 1.0	18	18	26	21	28	13	11	12	11	12	12	9	8	11	8	17	0	235	1.0 - 2.2
(1)	.09	.09	.13	.10	.14	.06	.05	.06	.05	.06	.06	.04	.04	.05	.04	.08	.00	1.16	
(2)	.03	.03	.04	.04	.05	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.03	.00	.39	
1.1- 1.5	45	52	47	55	57	41	24	15	16	17	22	22	24	19	20	21	0	497	2.3 - 3.4
(1)	.22	.26	.23	.27	.28	.20	.12	.07	.08	.08	.11	.11	.12	.09	.10	.10	.00	2.45	
(2)	.08	.09	.08	.09	.10	.07	.04	.03	.03	.03	.04	.04	.04	.03	.03	.04	.00	.83	
1.6- 2.0	72	106	77	99	119	59	36	22	32	25	57	36	35	27	29	52	0	883	3.5 - 4.5
(1)	.36	.52	.38	.49	.59	.29	.18	.11	.16	.12	.28	.18	.17	.13	.14	.26	.00	4.36	
(2)	.12	.18	.13	.17	.20	.10	.06	.04	.05	.04	.10	.06	.06	.05	.05	.09	.00	1.48	
2.1- 3.0	306	347	188	256	258	152	164	165	107	112	109	110	83	66	91	106	0	2620	4.6 - 6.7
(1)	1.51	1.71	.93	1.26	1.27	.75	.81	.81	.53	.55	.54	.54	.41	.33	.45	.52	.00	12.93	
(2)	.51	.58	.31	.43	.43	.25	.27	.28	.18	.19	.18	.18	.14	.11	.15	.18	.00	4.39	
3.1- 4.0	279	282	174	287	230	194	198	240	167	144	174	148	109	101	143	206	0	3076	6.8 - 8.9
(1)	1.38	1.39	.86	1.42	1.14	.96	.98	1.18	.82	.71	.86	.73	.54	.50	.71	1.02	.00	15.19	
(2)	.47	.47	.29	.48	.39	.32	.33	.40	.28	.24	.29	.25	.18	.17	.24	.35	.00	5.15	
4.1- 5.0	277	225	243	283	209	122	170	319	153	158	160	134	81	106	188	261	0	3089	9.0 - 11.2
(1)	1.37	1.11	1.20	1.40	1.03	.60	.84	1.57	.76	.78	.79	.66	.40	.52	.93	1.29	.00	15.25	
(2)	.46	.38	.41	.47	.35	.20	.28	.53	.26	.26	.27	.22	.14	.18	.31	.44	.00	5.17	
5.1- 6.0	258	227	254	224	95	72	117	295	99	131	175	123	68	124	279	324	0	2865	11.3 - 13.4
(1)	1.27	1.12	1.25	1.11	.47	.36	.58	1.46	.49	.65	.86	.61	.34	.61	1.38	1.60	.00	14.14	
(2)	.43	.38	.43	.38	.16	.12	.20	.49	.17	.22	.29	.21	.11	.21	.47	.54	.00	4.80	
6.1- 8.0	443	480	411	211	63	46	92	333	126	180	303	126	81	218	502	479	0	4094	13.5 - 17.9
(1)	2.19	2.37	2.03	1.04	.31	.23	.45	1.64	.62	.89	1.50	.62	.40	1.08	2.48	2.36	.00	20.21	
(2)	.74	.80	.69	.35	.11	.08	.15	.56	.21	.30	.51	.21	.14	.37	.84	.80	.00	6.86	
8.1-10.0	301	328	240	47	4	4	35	117	38	89	127	18	27	162	259	181	0	1977	18.0 - 22.4
(1)	1.49	1.62	1.18	.23	.02	.02	.17	.58	.19	.44	.63	.09	.13	.80	1.28	.89	.00	9.76	
(2)	.50	.55	.40	.08	.01	.01	.06	.20	.06	.15	.21	.03	.05	.27	.43	.30	.00	3.31	
10.1-89.5	173	238	131	21	2	2	12	35	11	23	15	9	12	86	91	48	0	909	22.5 - 200.2
(1)	.85	1.17	.65	.10	.01	.01	.06	.17	.05	.11	.07	.04	.06	.42	.45	.24	.00	4.49	
(2)	.29	.40	.22	.04	.00	.00	.02	.06	.02	.04	.03	.02	.02	.14	.15	.08	.00	1.52	
ALL SPEEDS	2172	2306	1791	1504	1066	706	859	1554	760	891	1154	735	529	922	1611	1696	0	20256	
(1)	10.72	11.38	8.84	7.42	5.26	3.49	4.24	7.67	3.75	4.40	5.70	3.63	2.61	4.55	7.95	8.37	.00	100.00	
(2)	3.64	3.86	3.00	2.52	1.79	1.18	1.44	2.60	1.27	1.49	1.93	1.23	.89	1.54	2.70	2.84	.00	33.93	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

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CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS E CLASS FREQUENCY (PERCENT) = 27.60

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	1	0	1	0	0	0	0	1	0	0	1	0	0	0	0	4	LT .4
(1)	.00	.00	.01	.00	.01	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.02	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
.2- .4	2	0	2	1	1	0	1	1	2	0	0	0	1	0	1	0	0	12	.4 - .9
(1)	.01	.00	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.01	.00	.01	.00	.00	.07	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
.5- 1.0	12	8	21	13	25	18	13	21	7	14	7	8	8	8	12	11	0	206	1.0 - 2.2
(1)	.07	.05	.13	.08	.15	.11	.08	.13	.04	.08	.04	.05	.05	.05	.07	.07	.00	1.25	
(2)	.02	.01	.04	.02	.04	.03	.02	.04	.01	.02	.01	.01	.01	.01	.02	.02	.00	.35	
1.1- 1.5	19	21	19	21	18	14	22	17	15	14	13	8	9	13	13	13	0	249	2.3 - 3.4
(1)	.12	.13	.12	.13	.11	.08	.13	.10	.09	.08	.08	.05	.05	.08	.08	.08	.00	1.51	
(2)	.03	.04	.03	.04	.03	.02	.04	.03	.03	.02	.02	.01	.02	.02	.02	.02	.00	.42	
1.6- 2.0	25	41	36	35	51	26	20	29	29	21	21	19	12	20	14	15	0	414	3.5 - 4.5
(1)	.15	.25	.22	.21	.31	.16	.12	.18	.18	.13	.13	.12	.07	.12	.08	.09	.00	2.51	
(2)	.04	.07	.06	.06	.09	.04	.03	.05	.05	.04	.04	.03	.02	.03	.02	.03	.00	.69	
2.1- 3.0	92	89	91	98	116	80	79	86	84	62	95	60	67	78	88	94	0	1359	4.6 - 6.7
(1)	.56	.54	.55	.59	.70	.49	.48	.52	.51	.38	.58	.36	.41	.47	.53	.57	.00	8.25	
(2)	.15	.15	.15	.16	.19	.13	.13	.14	.14	.10	.16	.10	.11	.13	.15	.16	.00	2.28	
3.1- 4.0	175	113	101	82	126	102	97	175	162	139	158	133	121	172	176	206	0	2238	6.8 - 8.9
(1)	1.06	.69	.61	.50	.76	.62	.59	1.06	.98	.84	.96	.81	.73	1.04	1.07	1.25	.00	13.59	
(2)	.29	.19	.17	.14	.21	.17	.16	.29	.27	.23	.26	.22	.20	.29	.29	.35	.00	3.75	
4.1- 5.0	192	125	96	50	44	103	142	305	325	231	219	193	161	298	401	377	0	3262	9.0 - 11.2
(1)	1.17	.76	.58	.30	.27	.63	.86	1.85	1.97	1.40	1.33	1.17	.98	1.81	2.43	2.29	.00	19.80	
(2)	.32	.21	.16	.08	.07	.17	.24	.51	.54	.39	.37	.32	.27	.50	.67	.63	.00	5.46	
5.1- 6.0	164	99	49	18	26	26	68	334	423	371	329	224	151	302	447	391	0	3422	11.3 - 13.4
(1)	1.00	.60	.30	.11	.16	.16	.41	2.03	2.57	2.25	2.00	1.36	.92	1.83	2.71	2.37	.00	20.77	
(2)	.27	.17	.08	.03	.04	.04	.11	.56	.71	.62	.55	.38	.25	.51	.75	.66	.00	5.73	
6.1- 8.0	128	131	32	7	7	19	41	251	453	930	865	191	118	272	351	302	0	4098	13.5 - 17.9
(1)	.78	.80	.19	.04	.04	.12	.25	1.52	2.75	5.65	5.25	1.16	.72	1.65	2.13	1.83	.00	24.88	
(2)	.21	.22	.05	.01	.01	.03	.07	.42	.76	1.56	1.45	.32	.20	.46	.59	.51	.00	6.87	
8.1-10.0	56	27	8	2	3	4	7	65	84	274	273	28	20	70	47	37	0	1005	18.0 - 22.4
(1)	.34	.16	.05	.01	.02	.02	.04	.39	.51	1.66	1.66	.17	.12	.42	.29	.22	.00	6.10	
(2)	.09	.05	.01	.00	.01	.01	.01	.11	.14	.46	.46	.05	.03	.12	.08	.06	.00	1.68	
10.1-89.5	18	17	12	2	1	4	8	27	10	44	27	3	4	15	6	7	0	205	22.5 - 200.2
(1)	.11	.10	.07	.01	.01	.02	.05	.16	.06	.27	.16	.02	.02	.09	.04	.04	.00	1.24	
(2)	.03	.03	.02	.00	.00	.01	.01	.05	.02	.07	.05	.01	.01	.03	.01	.01	.00	.34	
ALL SPEEDS	883	671	468	329	419	396	498	1311	1594	2101	2007	867	673	1248	1556	1453	0	16474	
(1)	5.36	4.07	2.84	2.00	2.54	2.40	3.02	7.96	9.68	12.75	12.18	5.26	4.09	7.58	9.45	8.82	.00	100.00	
(2)	1.48	1.12	.78	.55	.70	.66	.83	2.20	2.67	3.52	3.36	1.45	1.13	2.09	2.61	2.43	.00	27.60	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 6 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS F CLASS FREQUENCY (PERCENT) = 10.44

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	3	LT .4
(1)	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.05	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	
.2- .4	2	1	0	0	0	1	1	2	1	0	1	1	0	0	0	0	0	10	.4 - .9
(1)	.03	.02	.00	.00	.00	.02	.02	.03	.02	.00	.02	.02	.00	.00	.00	.00	.00	.16	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
.5- 1.0	6	5	7	10	12	13	7	8	6	12	10	5	6	5	7	6	0	125	1.0 - 2.2
(1)	.10	.08	.11	.16	.19	.21	.11	.13	.10	.19	.16	.08	.10	.08	.11	.10	.00	2.01	
(2)	.01	.01	.01	.02	.02	.02	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.00	.21	
1.1- 1.5	8	10	9	8	18	7	9	12	11	7	7	4	9	9	9	8	0	145	2.3 - 3.4
(1)	.13	.16	.14	.13	.29	.11	.14	.19	.18	.11	.11	.06	.14	.14	.14	.13	.00	2.33	
(2)	.01	.02	.02	.01	.03	.01	.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.00	.24	
1.6- 2.0	11	7	13	20	17	16	17	11	13	15	14	11	11	10	12	11	0	209	3.5 - 4.5
(1)	.18	.11	.21	.32	.27	.26	.27	.18	.21	.24	.22	.18	.18	.16	.19	.18	.00	3.35	
(2)	.02	.01	.02	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02	.00	.35	
2.1- 3.0	48	41	29	26	36	29	30	36	45	45	44	39	34	50	29	40	0	601	4.6 - 6.7
(1)	.77	.66	.47	.42	.58	.47	.48	.58	.72	.72	.71	.63	.55	.80	.47	.64	.00	9.64	
(2)	.08	.07	.05	.04	.06	.05	.05	.06	.08	.08	.07	.07	.06	.08	.05	.07	.00	1.01	
3.1- 4.0	43	24	28	19	20	31	57	64	105	92	89	81	60	62	55	61	0	891	6.8 - 8.9
(1)	.69	.38	.45	.30	.32	.50	.91	1.03	1.68	1.48	1.43	1.30	.96	.99	.88	.98	.00	14.29	
(2)	.07	.04	.05	.03	.03	.05	.10	.11	.18	.15	.15	.14	.10	.10	.09	.10	.00	1.49	
4.1- 5.0	42	22	11	6	4	13	46	100	155	165	142	118	102	104	97	97	0	1224	9.0 - 11.2
(1)	.67	.35	.18	.10	.06	.21	.74	1.60	2.49	2.65	2.28	1.89	1.64	1.67	1.56	1.56	.00	19.63	
(2)	.07	.04	.02	.01	.01	.02	.08	.17	.26	.28	.24	.20	.17	.17	.16	.16	.00	2.05	
5.1- 6.0	18	13	8	4	0	5	32	108	306	277	191	129	112	110	130	76	0	1519	11.3 - 13.4
(1)	.29	.21	.13	.06	.00	.08	.51	1.73	4.91	4.44	3.06	2.07	1.80	1.76	2.09	1.22	.00	24.37	
(2)	.03	.02	.01	.01	.00	.01	.05	.18	.51	.46	.32	.22	.19	.18	.22	.13	.00	2.54	
6.1- 8.0	10	14	11	8	3	1	8	72	241	377	286	121	53	59	137	18	0	1419	13.5 - 17.9
(1)	.16	.22	.18	.13	.05	.02	.13	1.15	3.87	6.05	4.59	1.94	.85	.95	2.20	.29	.00	22.76	
(2)	.02	.02	.02	.01	.01	.00	.01	.12	.40	.63	.48	.20	.09	.10	.23	.03	.00	2.38	
8.1-10.0	5	2	1	3	0	0	0	0	6	24	32	2	1	1	1	0	0	78	18.0 - 22.4
(1)	.08	.03	.02	.05	.00	.00	.00	.00	.10	.38	.51	.03	.02	.02	.02	.00	.00	1.25	
(2)	.01	.00	.00	.01	.00	.00	.00	.00	.01	.04	.05	.00	.00	.00	.00	.00	.00	.13	
10.1-89.5	4	3	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	10	22.5 - 200.2
(1)	.06	.05	.02	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00	.00	.00	.00	.00	.16	
(2)	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	
ALL SPEEDS	197	142	118	105	110	117	207	413	889	1015	817	512	388	410	477	317	0	6234	
(1)	3.16	2.28	1.89	1.68	1.76	1.88	3.32	6.62	14.26	16.28	13.11	8.21	6.22	6.58	7.65	5.09	.00	100.00	
(2)	.33	.24	.20	.18	.18	.20	.35	.69	1.49	1.70	1.37	.86	.65	.69	.80	.53	.00	10.44	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 7 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS G CLASS FREQUENCY (PERCENT) = 7.48

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	0	0	0	1	0	0	0	0	0	2	1	3	0	2	0	0	9	LT .4
(1)	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.04	.02	.07	.00	.04	.00	.00	.20	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	
.2- .4	2	1	1	0	2	1	3	0	1	2	0	1	2	0	1	1	0	18	.4 - .9
(1)	.04	.02	.02	.00	.04	.02	.07	.00	.02	.04	.00	.02	.04	.00	.02	.02	.00	.40	
(2)	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	
.5- 1.0	11	9	10	5	15	9	12	13	4	11	12	11	6	10	13	12	0	163	1.0 - 2.2
(1)	.25	.20	.22	.11	.34	.20	.27	.29	.09	.25	.27	.25	.13	.22	.29	.27	.00	3.65	
(2)	.02	.02	.02	.01	.03	.02	.02	.02	.01	.02	.02	.02	.01	.02	.02	.02	.00	.27	
1.1- 1.5	19	11	20	11	22	13	15	15	13	10	15	20	12	10	12	10	0	228	2.3 - 3.4
(1)	.43	.25	.45	.25	.49	.29	.34	.34	.29	.22	.34	.45	.27	.22	.27	.22	.00	5.11	
(2)	.03	.02	.03	.02	.04	.02	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.00	.38	
1.6- 2.0	17	16	12	16	18	8	25	16	29	26	19	17	19	9	14	14	0	275	3.5 - 4.5
(1)	.38	.36	.27	.36	.40	.18	.56	.36	.65	.58	.43	.38	.43	.20	.31	.31	.00	6.16	
(2)	.03	.03	.02	.03	.03	.01	.04	.03	.05	.04	.03	.03	.03	.02	.02	.02	.00	.46	
2.1- 3.0	41	35	18	24	22	26	26	35	48	66	41	54	54	39	40	34	0	603	4.6 - 6.7
(1)	.92	.78	.40	.54	.49	.58	.58	.78	1.08	1.48	.92	1.21	1.21	.87	.90	.76	.00	13.51	
(2)	.07	.06	.03	.04	.04	.04	.04	.06	.08	.11	.07	.09	.09	.07	.07	.06	.00	1.01	
3.1- 4.0	34	13	4	3	7	8	33	49	71	78	92	95	64	62	41	62	0	716	6.8 - 8.9
(1)	.76	.29	.09	.07	.16	.18	.74	1.10	1.59	1.75	2.06	2.13	1.43	1.39	.92	1.39	.00	16.04	
(2)	.06	.02	.01	.01	.01	.01	.06	.08	.12	.13	.15	.16	.11	.10	.07	.10	.00	1.20	
4.1- 5.0	11	1	2	2	1	6	12	51	113	154	164	125	72	68	61	64	0	907	9.0 - 11.2
(1)	.25	.02	.04	.04	.02	.13	.27	1.14	2.53	3.45	3.67	2.80	1.61	1.52	1.37	1.43	.00	20.31	
(2)	.02	.00	.00	.00	.00	.01	.02	.09	.19	.26	.27	.21	.12	.11	.10	.11	.00	1.52	
5.1- 6.0	3	3	1	1	0	5	7	32	138	171	145	85	67	50	57	41	0	806	11.3 - 13.4
(1)	.07	.07	.02	.02	.00	.11	.16	.72	3.09	3.83	3.25	1.90	1.50	1.12	1.28	.92	.00	18.05	
(2)	.01	.01	.00	.00	.00	.01	.01	.05	.23	.29	.24	.14	.11	.08	.10	.07	.00	1.35	
6.1- 8.0	2	4	7	2	0	4	3	39	128	151	96	65	62	50	67	4	0	684	13.5 - 17.9
(1)	.04	.09	.16	.04	.00	.09	.07	.87	2.87	3.38	2.15	1.46	1.39	1.12	1.50	.09	.00	15.32	
(2)	.00	.01	.01	.00	.00	.01	.01	.07	.21	.25	.16	.11	.10	.08	.11	.01	.00	1.15	
8.1-10.0	0	0	2	2	0	0	0	1	2	8	4	11	3	5	3	0	0	41	18.0 - 22.4
(1)	.00	.00	.04	.04	.00	.00	.00	.02	.04	.18	.09	.25	.07	.11	.07	.00	.00	.92	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.00	.00	.07	
10.1-89.5	0	3	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	22.5 - 200.2
(1)	.00	.07	.27	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.34	
(2)	.00	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	
ALL SPEEDS	140	96	89	66	88	80	136	251	547	677	590	485	364	303	311	242	0	4465	
(1)	3.14	2.15	1.99	1.48	1.97	1.79	3.05	5.62	12.25	15.16	13.21	10.86	8.15	6.79	6.97	5.42	.00	100.00	
(2)	.23	.16	.15	.11	.15	.13	.23	.42	.92	1.13	.99	.81	.61	.51	.52	.41	.00	7.48	

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Table 2.7-122—CCNPP 197' (60-m) 2000 - 2006 Annual Joint Frequency Distribution Table

(Page 8 of 8)

CC JAN00-DEC06 MET DATA JOINT FREQUENCY DISTRIBUTION (60-METER TOWER)

197.0 FT WIND DATA STABILITY CLASS ALL CLASS FREQUENCY (PERCENT) = 100.00

WIND DIRECTION FROM

SPEED mps	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	VRBL	TOTAL	SPEED MPH
LT .2	0	1	1	1	2	2	0	0	0	1	2	2	4	0	2	0	0	18	LT .4
(1)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.03	
(2)	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.03	
.2- .4	6	4	3	1	4	2	5	4	4	2	1	2	4	2	3	2	0	49	.4 - .9
(1)	.01	.01	.01	.00	.01	.00	.01	.01	.01	.00	.00	.00	.01	.00	.01	.00	.00	.08	
(2)	.01	.01	.01	.00	.01	.00	.01	.01	.01	.00	.00	.00	.01	.00	.01	.00	.00	.08	
.5- 1.0	48	42	67	49	82	55	44	56	29	50	41	37	29	35	42	46	0	752	1.0 - 2.2
(1)	.08	.07	.11	.08	.14	.09	.07	.09	.05	.08	.07	.06	.05	.06	.07	.08	.00	1.26	
(2)	.08	.07	.11	.08	.14	.09	.07	.09	.05	.08	.07	.06	.05	.06	.07	.08	.00	1.26	
1.1- 1.5	98	108	108	111	130	81	77	62	57	50	65	61	59	53	57	55	0	1232	2.3 - 3.4
(1)	.16	.18	.18	.19	.22	.14	.13	.10	.10	.08	.11	.10	.10	.09	.10	.09	.00	2.06	
(2)	.16	.18	.18	.19	.22	.14	.13	.10	.10	.08	.11	.10	.10	.09	.10	.09	.00	2.06	
1.6- 2.0	158	226	183	228	262	134	108	86	111	98	146	109	92	72	77	105	0	2195	3.5 - 4.5
(1)	.26	.38	.31	.38	.44	.22	.18	.14	.19	.16	.24	.18	.15	.12	.13	.18	.00	3.68	
(2)	.26	.38	.31	.38	.44	.22	.18	.14	.19	.16	.24	.18	.15	.12	.13	.18	.00	3.68	
2.1- 3.0	695	787	486	562	632	405	382	388	346	376	434	358	289	271	268	314	0	6993	4.6 - 6.7
(1)	1.16	1.32	.81	.94	1.06	.68	.64	.65	.58	.63	.73	.60	.48	.45	.45	.53	.00	11.71	
(2)	1.16	1.32	.81	.94	1.06	.68	.64	.65	.58	.63	.73	.60	.48	.45	.45	.53	.00	11.71	
3.1- 4.0	909	795	393	435	444	435	518	700	605	625	774	635	456	469	476	606	0	9275	6.8 - 8.9
(1)	1.52	1.33	.66	.73	.74	.73	.87	1.17	1.01	1.05	1.30	1.06	.76	.79	.80	1.02	.00	15.54	
(2)	1.52	1.33	.66	.73	.74	.73	.87	1.17	1.01	1.05	1.30	1.06	.76	.79	.80	1.02	.00	15.54	
4.1- 5.0	918	600	391	354	288	296	499	1011	833	929	1012	757	526	668	863	896	0	10841	9.0 - 11.2
(1)	1.54	1.01	.66	.59	.48	.50	.84	1.69	1.40	1.56	1.70	1.27	.88	1.12	1.45	1.50	.00	18.16	
(2)	1.54	1.01	.66	.59	.48	.50	.84	1.69	1.40	1.56	1.70	1.27	.88	1.12	1.45	1.50	.00	18.16	
5.1- 6.0	694	488	343	255	132	117	310	943	1023	1122	1150	703	497	706	1040	936	0	10459	11.3 - 13.4
(1)	1.16	.82	.57	.43	.22	.20	.52	1.58	1.71	1.88	1.93	1.18	.83	1.18	1.74	1.57	.00	17.52	
(2)	1.16	.82	.57	.43	.22	.20	.52	1.58	1.71	1.88	1.93	1.18	.83	1.18	1.74	1.57	.00	17.52	
6.1- 8.0	803	756	518	241	82	81	199	851	997	1866	1892	635	440	853	1345	930	0	12489	13.5 - 17.9
(1)	1.35	1.27	.87	.40	.14	.14	.33	1.43	1.67	3.13	3.17	1.06	.74	1.43	2.25	1.56	.00	20.92	
(2)	1.35	1.27	.87	.40	.14	.14	.33	1.43	1.67	3.13	3.17	1.06	.74	1.43	2.25	1.56	.00	20.92	
8.1-10.0	435	428	281	62	8	8	53	235	138	467	529	86	81	417	495	253	0	3976	18.0 - 22.4
(1)	.73	.72	.47	.10	.01	.01	.09	.39	.23	.78	.89	.14	.14	.70	.83	.42	.00	6.66	
(2)	.73	.72	.47	.10	.01	.01	.09	.39	.23	.78	.89	.14	.14	.70	.83	.42	.00	6.66	
10.1-89.5	214	282	173	27	3	6	20	71	25	82	58	20	29	161	177	66	0	1414	22.5 - 200.2
(1)	.36	.47	.29	.05	.01	.01	.03	.12	.04	.14	.10	.03	.05	.27	.30	.11	.00	2.37	
(2)	.36	.47	.29	.05	.01	.01	.03	.12	.04	.14	.10	.03	.05	.27	.30	.11	.00	2.37	
ALL SPEEDS	4978	4517	2947	2326	2069	1622	2215	4407	4168	5668	6104	3405	2506	3707	4845	4209	0	59693	
(1)	8.34	7.57	4.94	3.90	3.47	2.72	3.71	7.38	6.98	9.50	10.23	5.70	4.20	6.21	8.12	7.05	.00	100.00	
(2)	8.34	7.57	4.94	3.90	3.47	2.72	3.71	7.38	6.98	9.50	10.23	5.70	4.20	6.21	8.12	7.05	.00	100.00	

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Table 2.7-123—Monthly Atmospheric Stability Summary

Frequency of Occurrence by Percent												
Stability Class	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
A	8.04	10.15	12.30	12.22	13.37	13.90	12.47	11.99	11.82	12.81	13.17	8.36
B	3.36	4.31	3.42	4.13	5.12	5.54	5.87	5.84	5.49	3.98	3.59	4.22
C	4.20	3.94	4.18	5.36	5.50	6.02	6.74	6.13	5.78	4.36	3.68	4.36
D	40.68	34.95	37.34	39.95	35.50	30.58	30.65	28.67	34.31	34.00	30.30	35.54
E	31.35	32.25	29.22	25.84	23.34	22.12	23.30	27.43	22.42	20.20	28.56	36.05
F	8.88	10.57	9.79	7.77	10.54	12.74	11.20	11.97	10.02	10.39	11.67	8.73
G	3.50	3.84	3.76	4.74	6.63	9.10	9.77	7.97	10.16	14.26	9.03	2.74

Frequency of Occurrence by Number of Hours												
Stability Class	**Jan**	**Feb**	**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**Sep**	**Oct**	**Nov**	**Dec**
A	345	410	533	497	595	600	540	530	499	567	569	360
B	144	174	148	168	228	239	254	258	232	176	155	182
C	180	159	181	218	245	260	292	271	244	193	159	188
D	1745	1412	1618	1625	1580	1320	1327	1267	1449	1505	1309	1531
E	1345	1303	1266	1051	1039	955	1009	1212	947	894	1234	1553
F	381	427	424	316	469	550	485	529	423	460	504	376
G	150	155	163	193	295	393	423	352	429	631	390	118

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Table 2.7-124—Design Input for 50% Percentile Atmospheric Dispersion Factor Computer Run

Parameter	Value(s)
Wind speed group upper limits for AEOLUS3	0.224, 0.75, 1.0, 1.5, 2.0, 3.0, 5.0, 7.0, 10.0, 13.0, 18.0, 50.0 meters/second
AEOLUS3 wind speed assigned to calms	0.25 miles per hour
Anemometer starting speed for the AEOLUS3 runs	0.5 miles per hour
Temperature sensor separation	60m - 10m or 50 meters
Wind instrument heights	10m, 60m
The annual average mixing layer height	900 meters
Meteorological channel units of measure	Wind speed miles per hour Wind direction degrees from True North Delta-Temperature degrees Fahrenheit per sensor separation in feet
Downwind distances	0.25, 0.5, 0.75, 1.0, 1.5, 3.0, 3.0, 4.0, 5.0 miles

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Table 2.7-125—Input for AEOLUS3 Normal Effluent χ/Q Run

(Page 1 of 5)

Parameter	Value(s)		
Anemometer starting speed	0.5 miles per hour		
Wind speed group upper limits for AEOLUS3	0.224, 0.75, 1.0, 1.5, 2.0, 3.0, 5.0, 7.0, 10.0, 13.0, 18.0, 50.0 meters/second		
AEOLUS3 wind speed assigned to calms	0.25 miles per hour for CC		
The annual average mixing layer height at CC	748 meters		
Temperature sensor separation	50 meters		
Wind instrument heights	10 meters and 60 meters		
CC meteorological channel units of measure	Wind speed miles per hour Wind direction degrees from True North Delta-Temperature degrees Fahrenheit per sensor separation in feet		
Order of data channels in met data	Wind speed, wind direction, wind range, delta temperature, precipitation		
Receptor distances for normal effluent release	Downwind distances for which atmospheric dispersion factors for normal effluent analyses will be determined using computer code AEOLUS3 version 1.0 are: 805 meters (0.5 mile), 1000 meters (0.62 mile), 2414 meters (1.5 miles), 4023 meters (2.5 miles), 5632 meters (3.5 miles), 7241 meters (4.5 miles), 12068 meters (7.5 miles), 24135 meters (15 miles), 40225 meters (25 miles), 56315 meters (35 miles), and 72405 meters (45 miles).		
Site Boundary Distances (meters) and Terrain Heights (m above plant grade)	**DOWNWIND SECTOR**	**DISTANCE (METERS)**	**TERRAIN HT (METERS)**
	N	623.4	0.0
	NNE	429.4	0.0
	NE	443.3	0.0
	ENE	471.0	0.0
	E	554.1	16.8
	ESE	692.7	19.8
	SE	1413.0	22.9
	SSE	1607.0	22.9
	S	1385.0	19.8
	SSW	1371.0	29.0
	SW	1759.0	29.0
	WSW	1745.0	25.9
	W	1732.0	32.0
	WNW	2313.0	22.9
	NW	1662.0	22.9
	NNW	761. 9	19.8
Location of Nearest Residents (compass sector and distance in meters) and Terrain Heights (m above plant grade)	**DOWNWIND SECTOR**	**DISTANCE (METERS)**	**TERRAIN HT (METERS)**
	SE	1574	22.9
	SSE	1969	22.9
	S	2206	25.9
	SW	1945	29.0
	WSW	1634	25.9
	W	2074	32.0
	WNW	2485	25.9
	NW	4097	25.9

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Table 2.7-125—Input for AEOLUS3 Normal Effluent χ/Q Run

(Page 2 of 5)

Parameter	Value(s)		
Location of Nearest Gardens (compass sector and distance in meters) and Terrain Heights (m above plant grade)	**DOWNWIND SECTOR**	**DISTANCE (METERS)**	**TERRAIN HT (METERS)**
	SE	1574	22.9
	SSE	2130	22.9
	S	2206	25.9
	SW	2256	29.0
	WSW	1634	25.9
	W	2529	32.0
	WNW	2795	25.9
	NW	4097	25.9
Stack flow rate for normal operations	242,458 cfm This is a conservative value; the actual flow rate for normal operations will be higher.		
Stack inner diameter	3.8 meters		
Stack height	62 meters (2 meters above assumed Reactor Building)		
Reactor Building height and cross sectional area	60 meters (used for cross sectional area for building wake - smaller height gives a lower credit for building wake; actual = 62.3 meter) 2940 m^2		
Maximum Terrain Heights 0.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 22.9 22.9 19.8 29.0 29.0 25.9 32.0 22.9 22.9 19.8		
0.62 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 22.9 22.9 19.8 29.0 29.0 25.9 32.0 22.9 22.9 19.8		

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Table 2.7-125—Input for AEOLUS3 Normal Effluent χ/Q Run
(Page 3 of 5)

Parameter	Value(s)
1.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 22.9 25.9 29.0 29.0 25.9 32.0 25.9 25.9 19.8
2.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 25.9 25.9 29.0 29.0 25.9 32.0 25.9 25.9 19.8
3.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 25.9 26.8 29.0 29.0 25.9 32.0 25.9 25.9 19.8

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Table 2.7-125—Input for AEOLUS3 Normal Effluent χ/Q Run
(Page 4 of 5)

Parameter	Value(s)
4.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 25.9 26.8 29.0 29.0 25.9 32.0 29.6 25.9 19.8
7.5 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 25.9 26.8 29.0 29.0 25.9 32.0 32.0 26.3 26.3
15 miles	Values in meters above plant grade. 0.0 0.0 0.0 0.0 16.8 19.8 25.9 25.9 26.8 29.0 29.0 26.3 44.3 32.0 27.3 43.3

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Table 2.7-125—Input for AEOLUS3 Normal Effluent χ/Q Run
(Page 5 of 5)

Parameter	Value(s)
25 miles	Values in meters above plant grade. 0.0 0.0 6.3 6.3 19.1 22.4 28.9 28.9 29.9 32.2 31.3 26.3 45.3 49.3 52.3 61.3
35 miles	Values in meters above plant grade. 6.3 1.3 6.3 6.3 19.1 22.4 28.9 28.9 29.9 32.2 39.3 46.3 45.3 51.3 66.3 61.3
45 miles	Values in meters above plant grade. 6.3 6.3 6.3 6.3 19.1 22.4 28.9 28.9 29.9 32.2 46.3 52.3 45.3 78.3 78.3 61.3

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Figure 2.7-1—Ozone Concentration for Maryland Counties

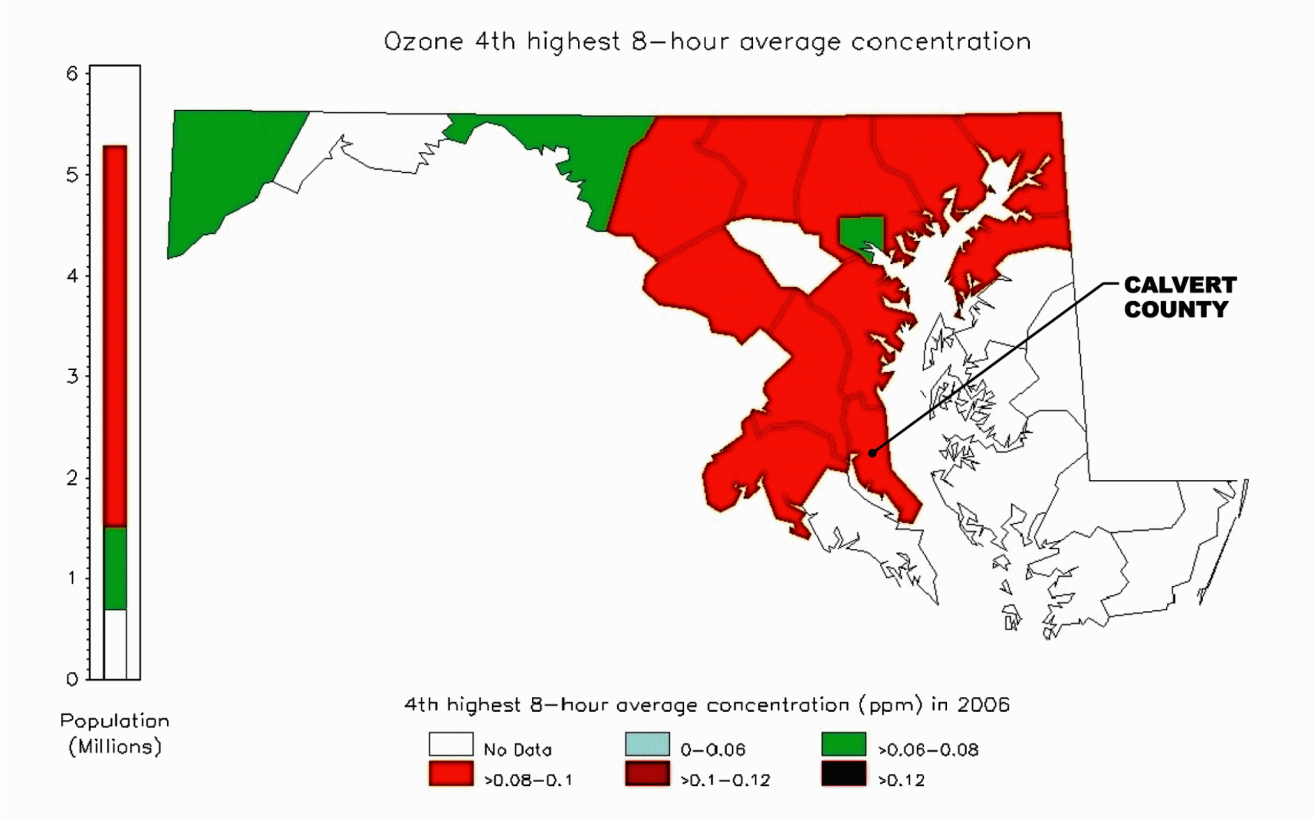

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Figure 2.7-2—Annual Average Number of Tornadoes, 1950-1995

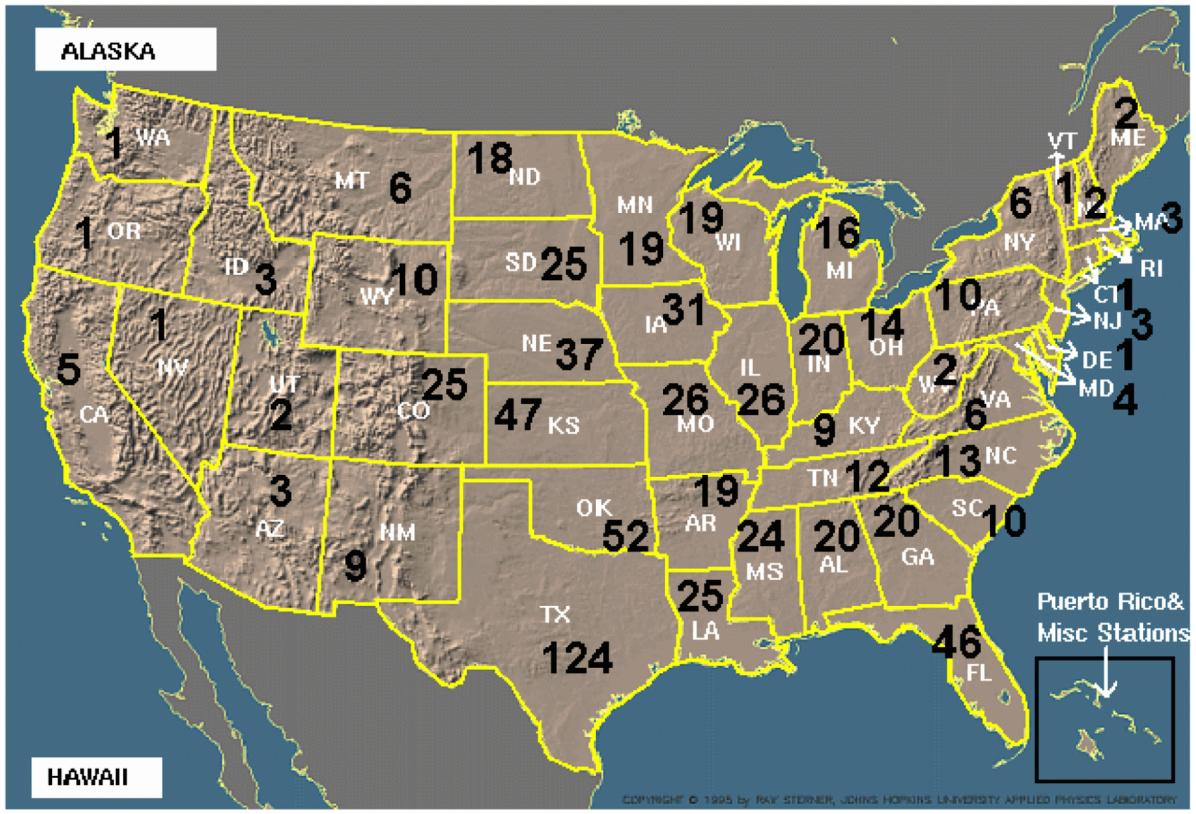

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Figure 2.7-3—Average Number of Strong Violent (F2-F5) Tornadoes, 1950-1995

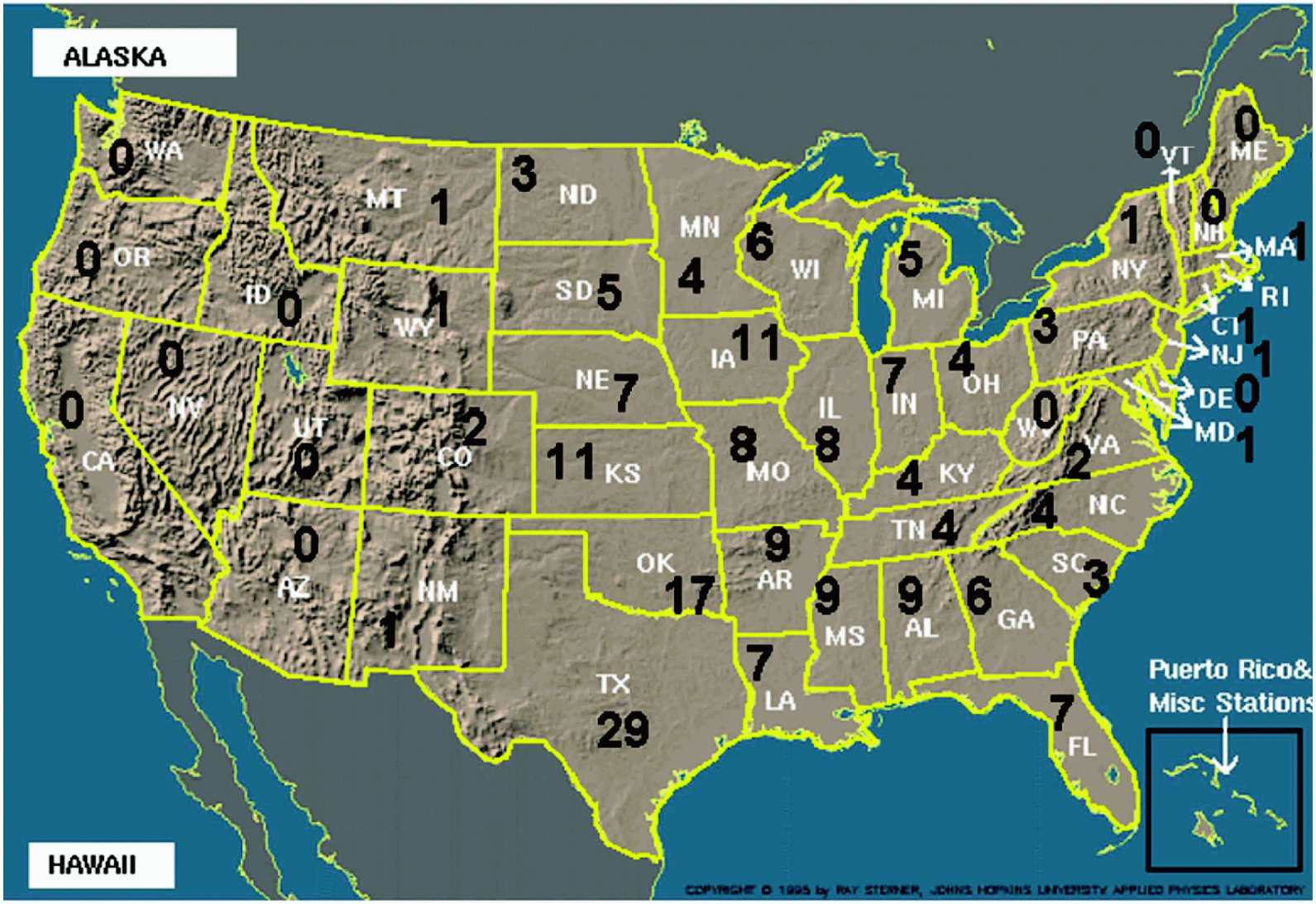

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Figure 2.7-4—Date of Maximum Tornado Threat

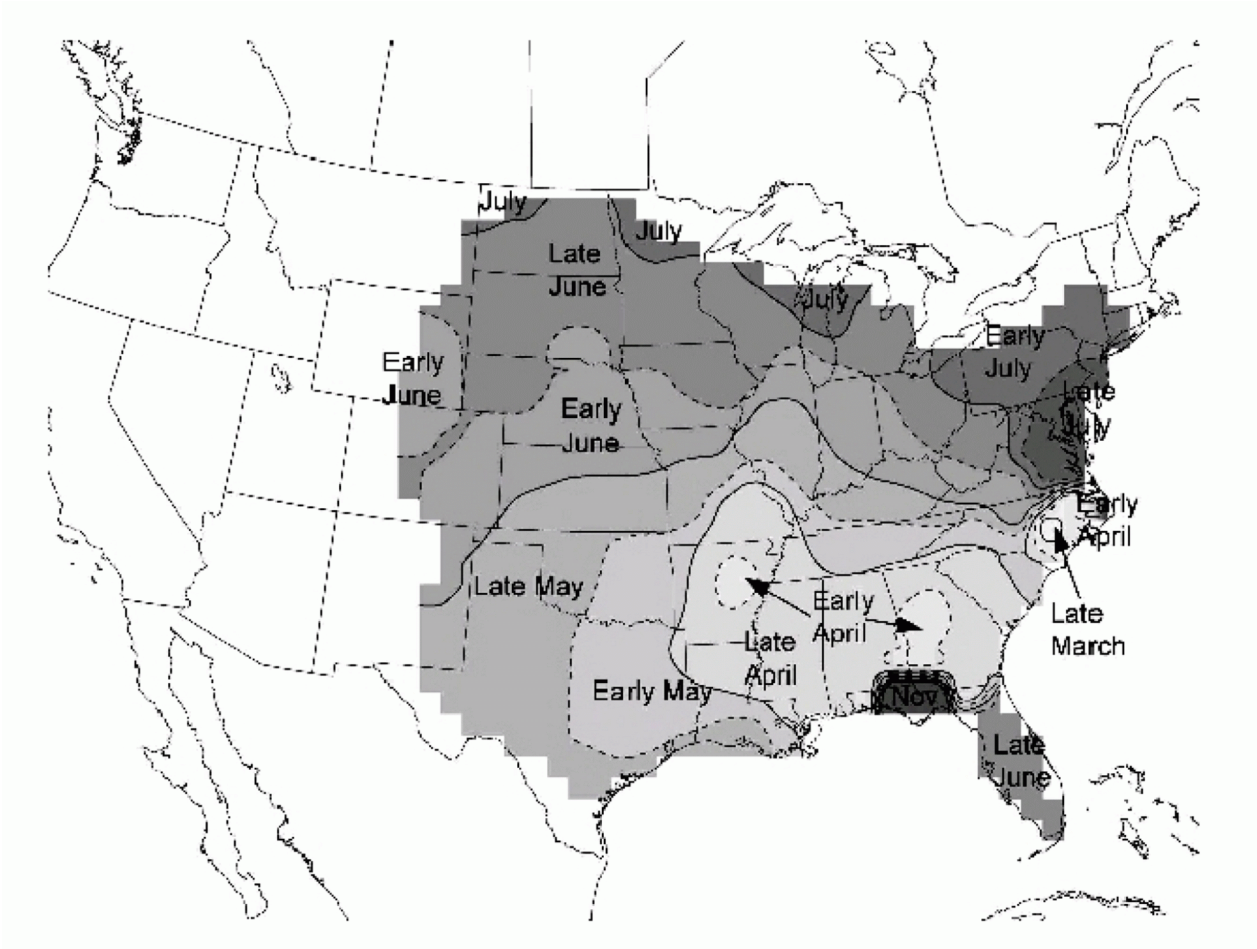

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Figure 2.7-5—Five-Year Lightning Flash Density Map

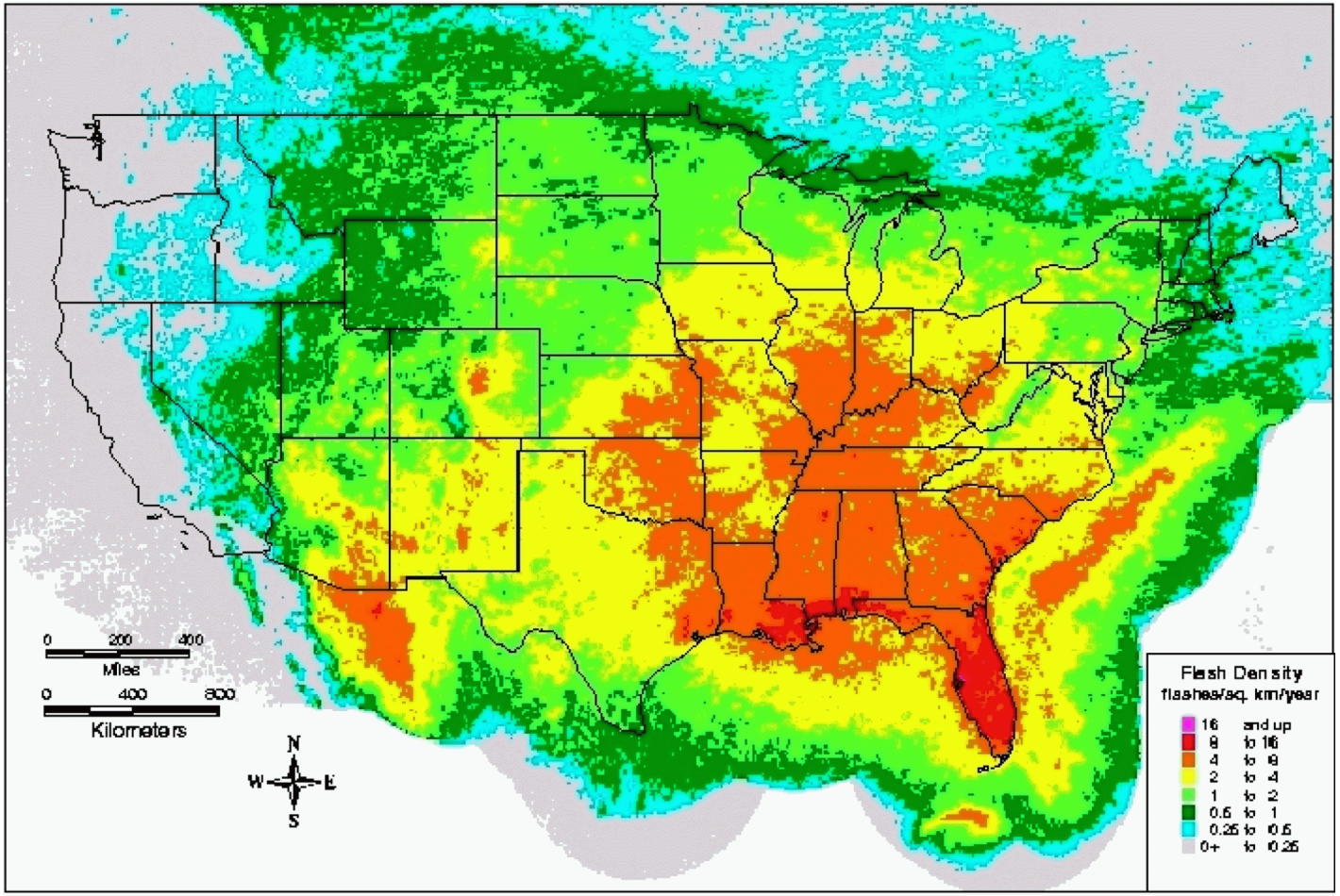

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Figure 2.7-6—CCNPP 33 ft January Precipitation Wind Rose

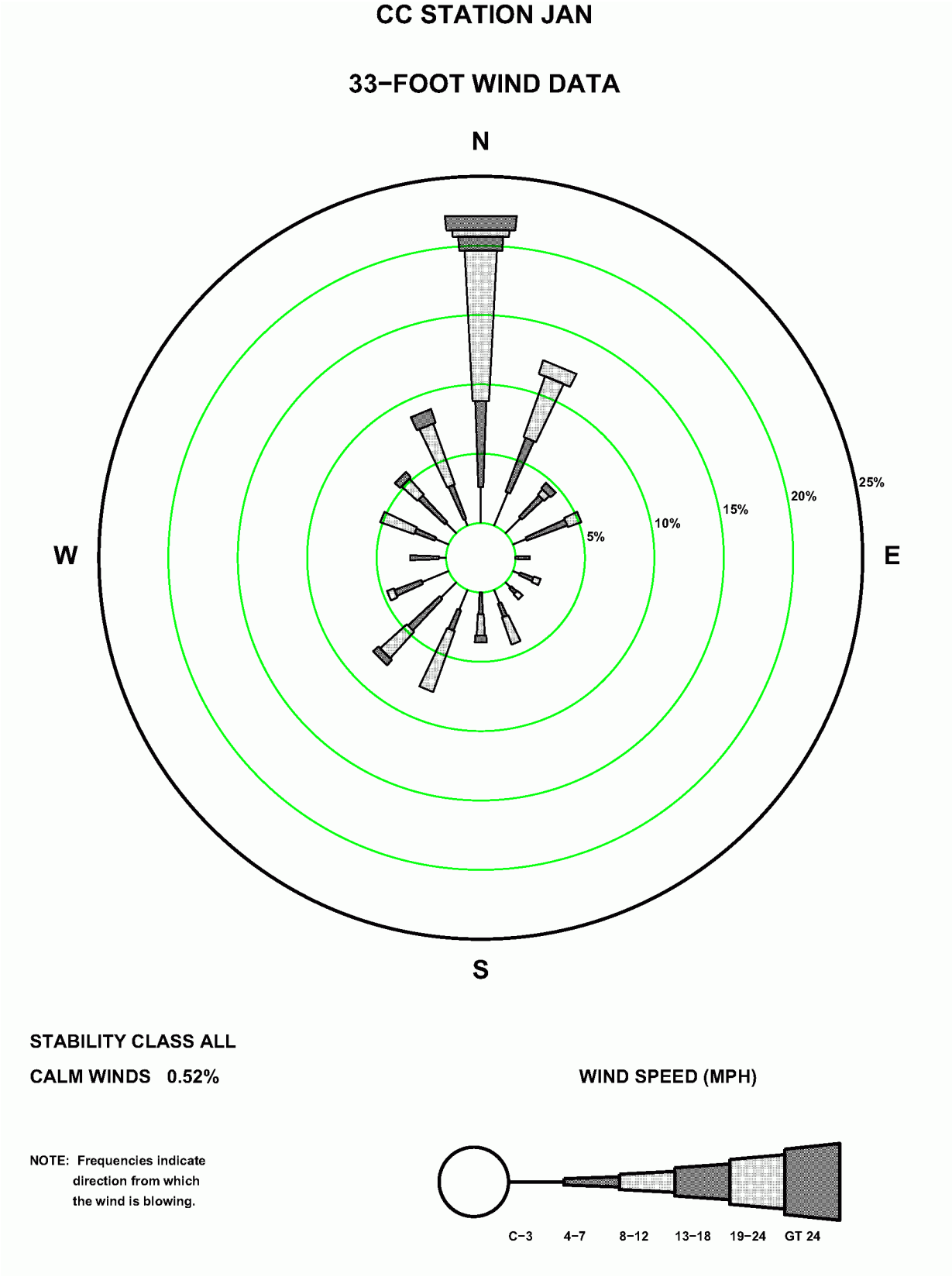

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Figure 2.7-7—CCNPP 33 ft February Precipitation Wind Rose

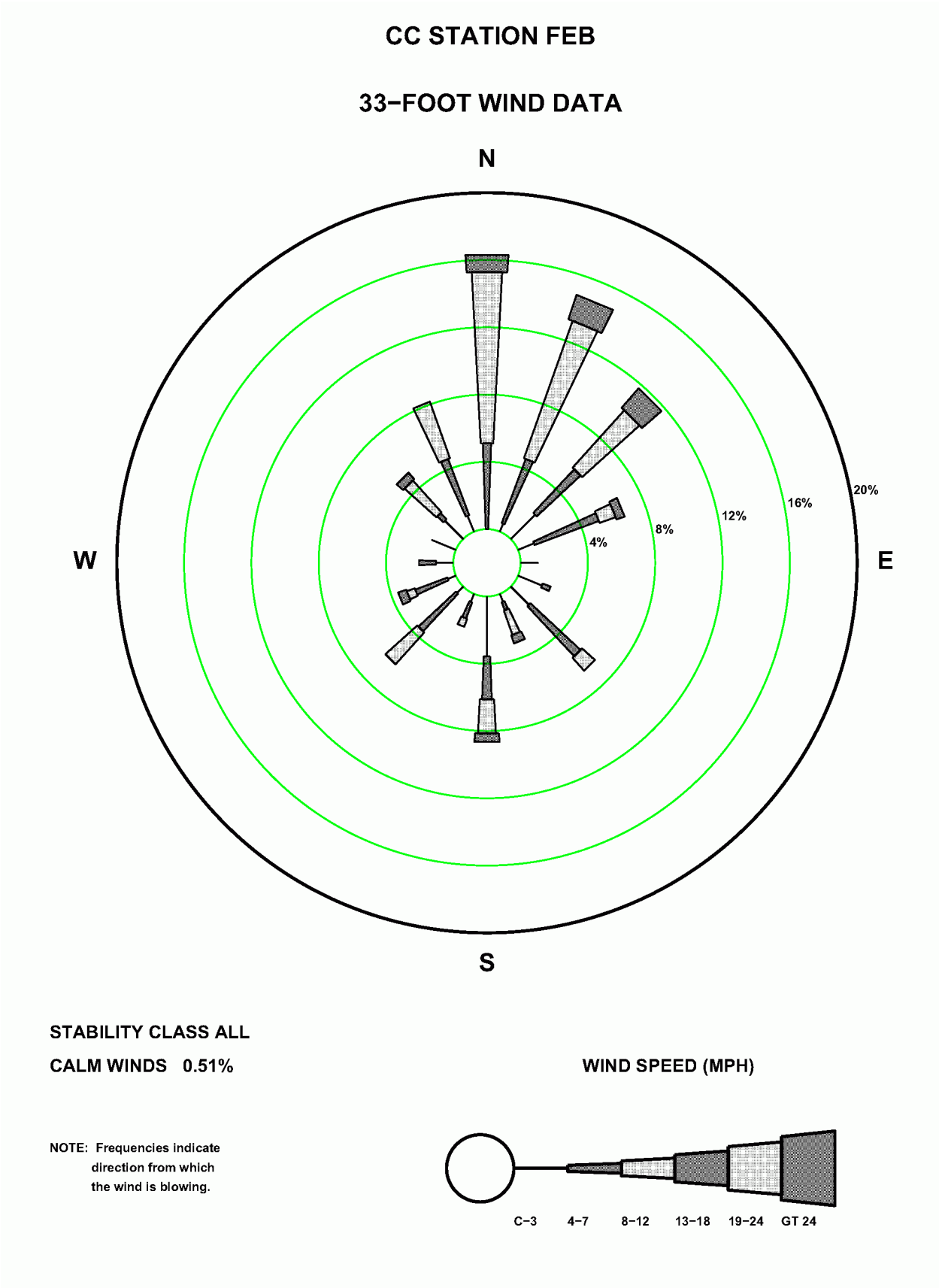

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Figure 2.7-8—CCNPP 33 ft March Precipitation Wind Rose

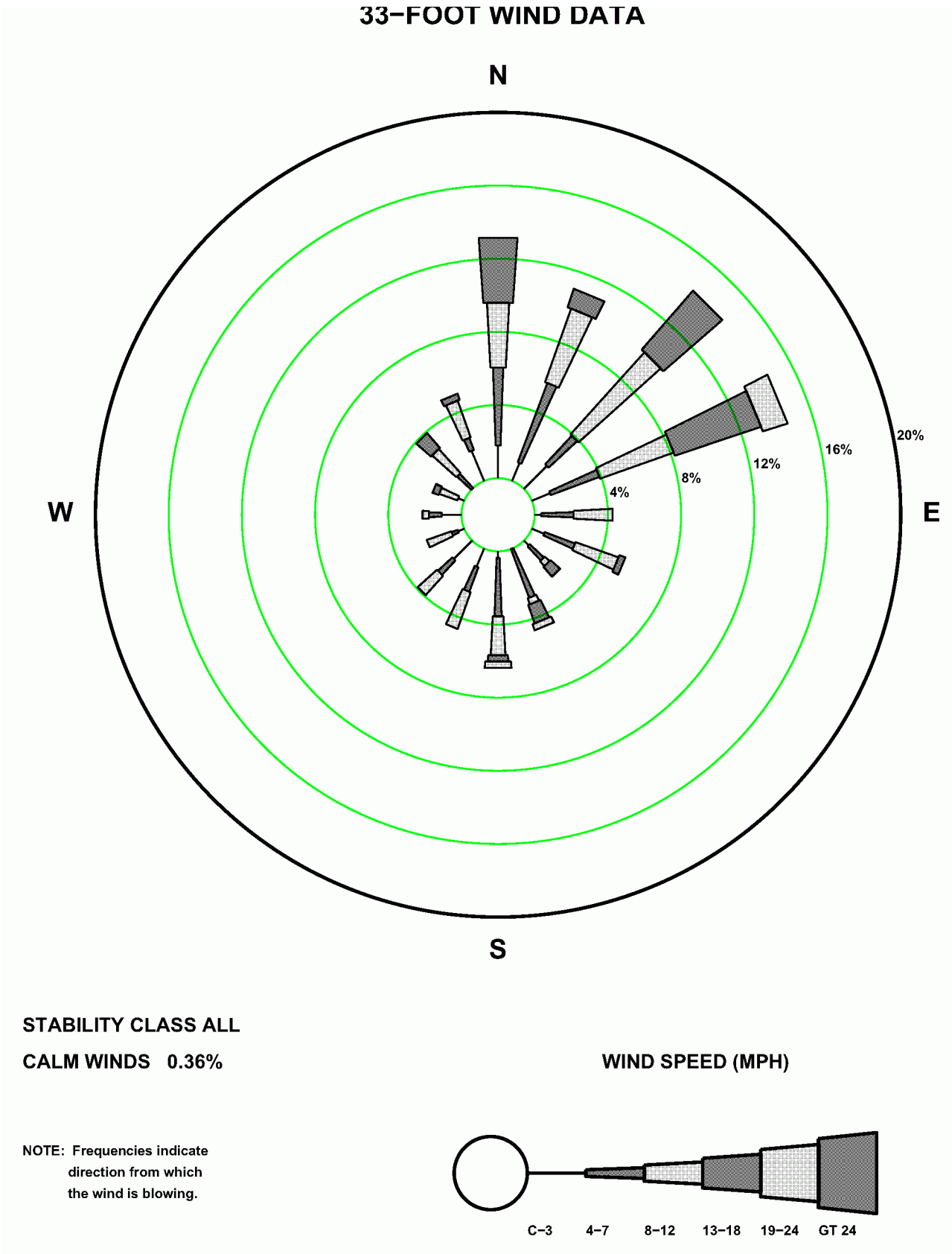

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Figure 2.7-9—CCNPP 33 ft April Precipitation Wind Rose

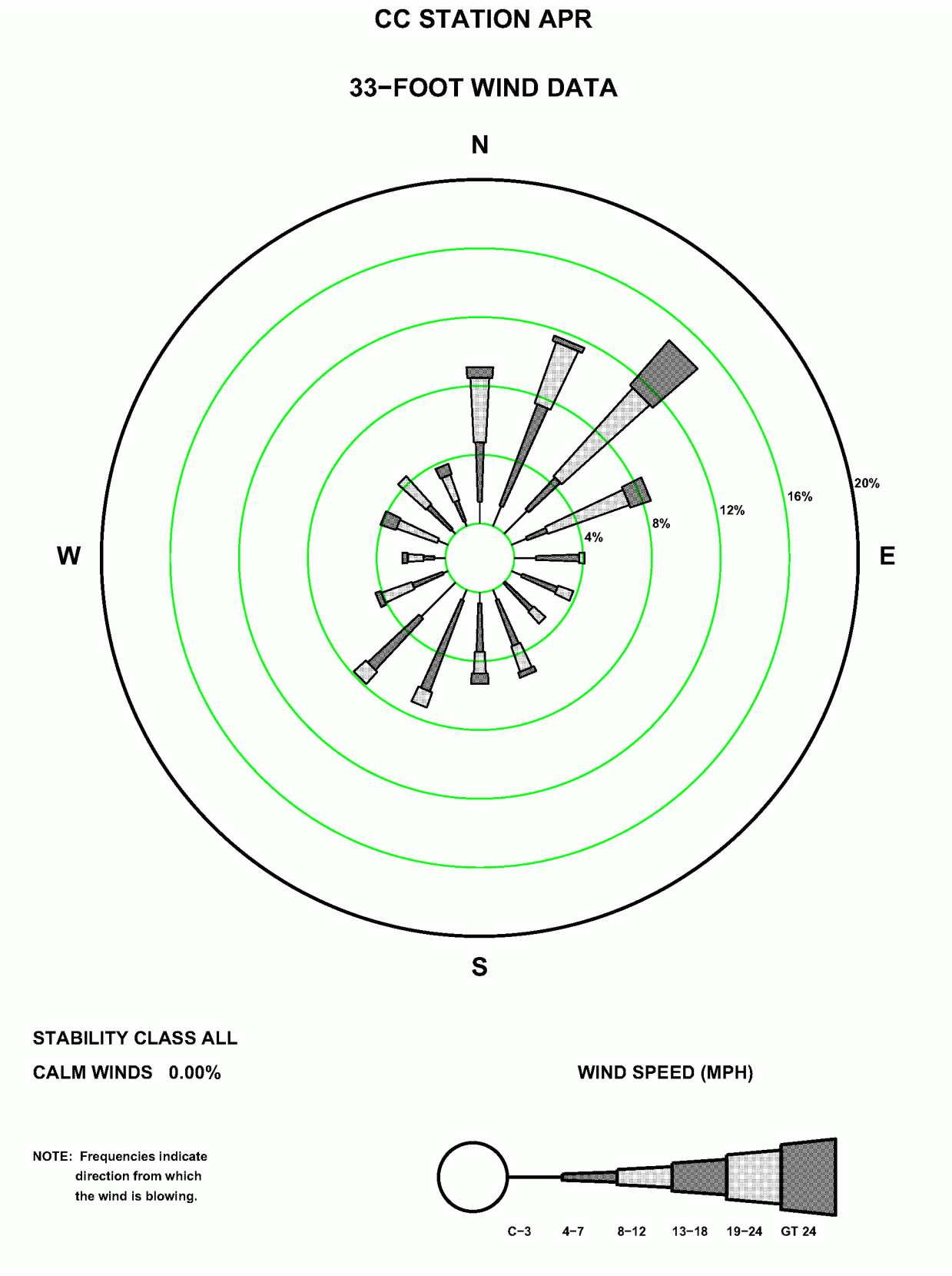

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Figure 2.7-10—CCNPP 33 ft May Precipitation Wind Rose

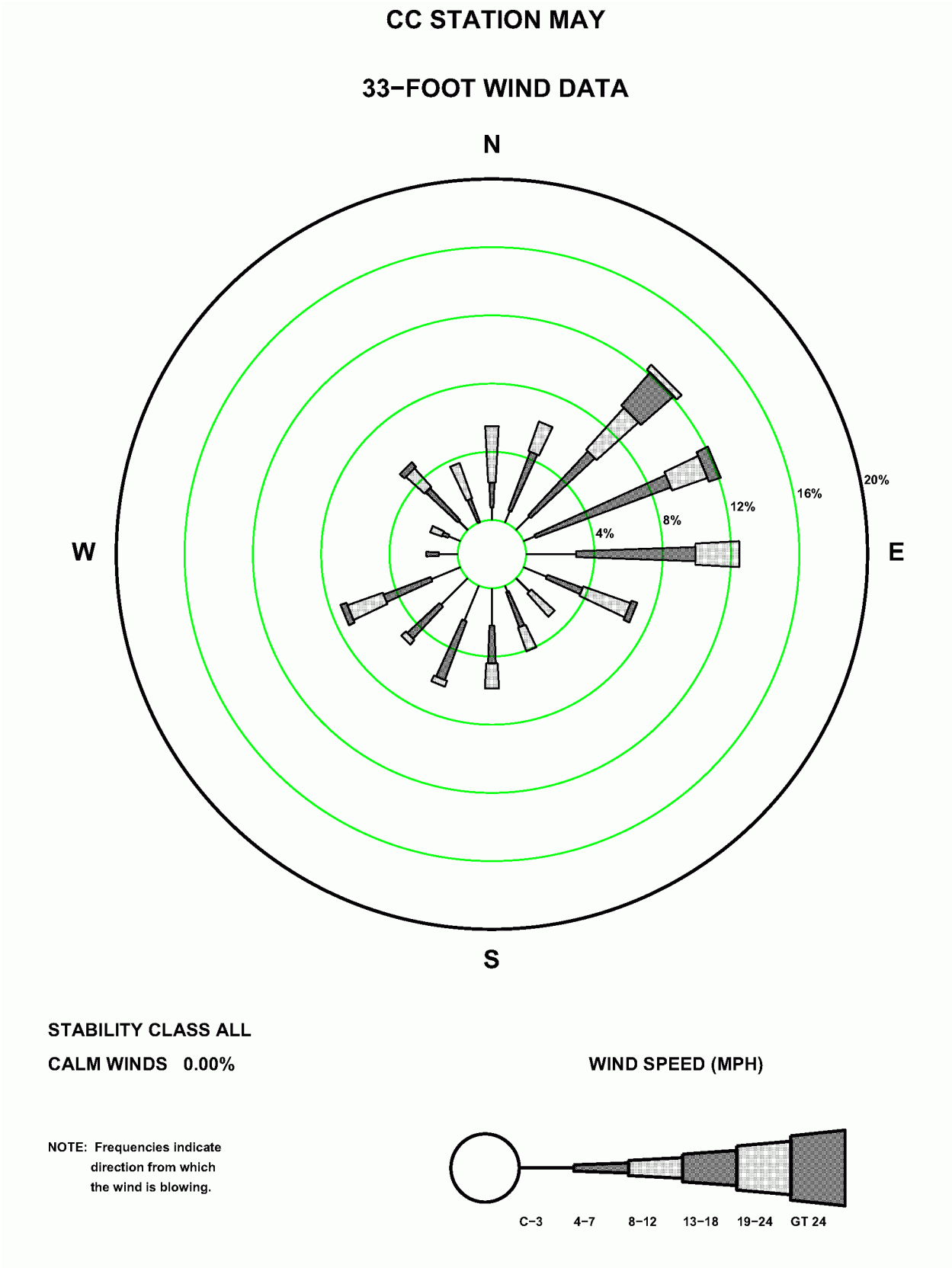

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Figure 2.7-11—CCNPP 33 ft June Precipitation Wind Rose

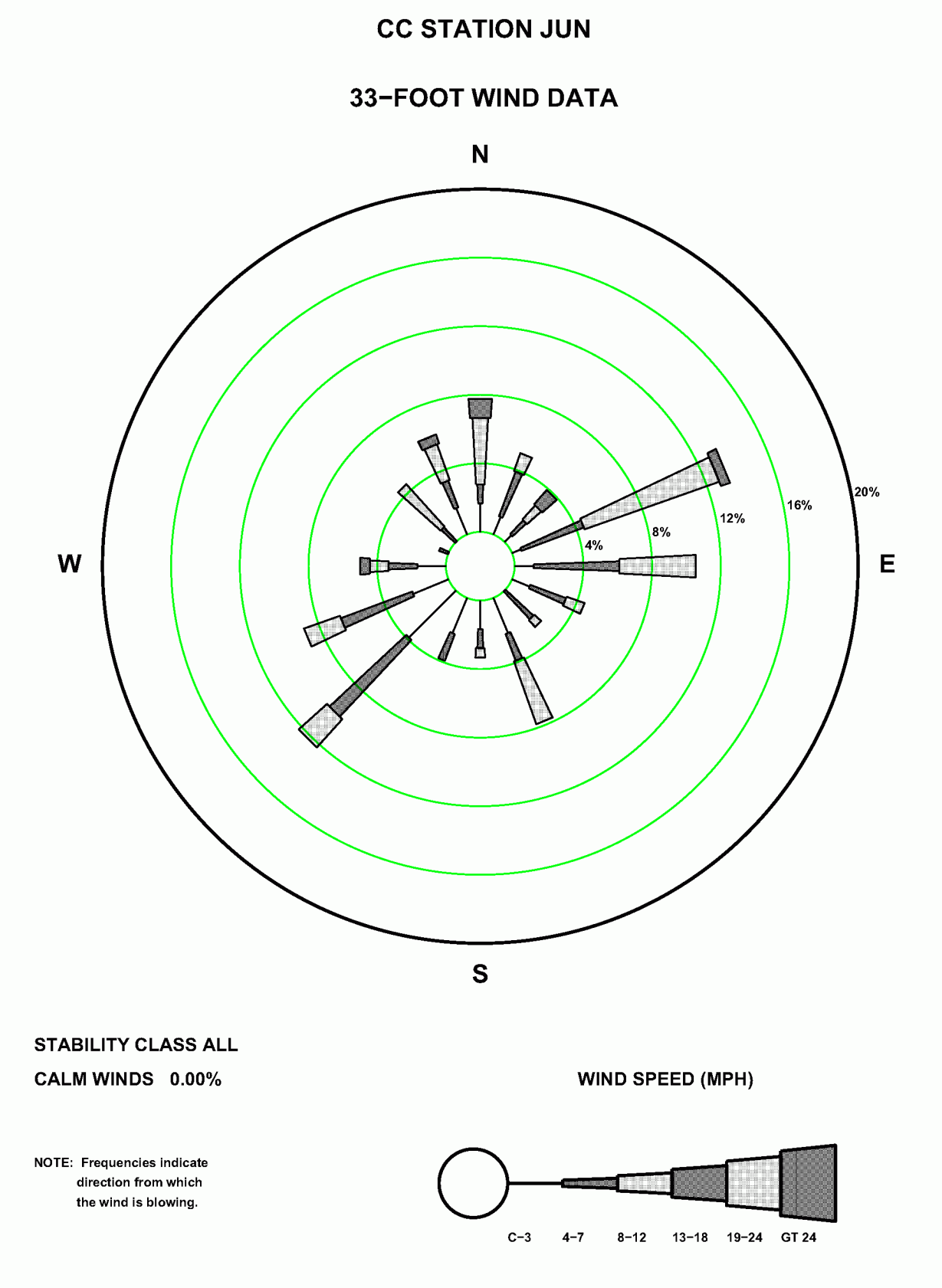

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Figure 2.7-12—CCNPP 33 ft July Precipitation Wind Rose

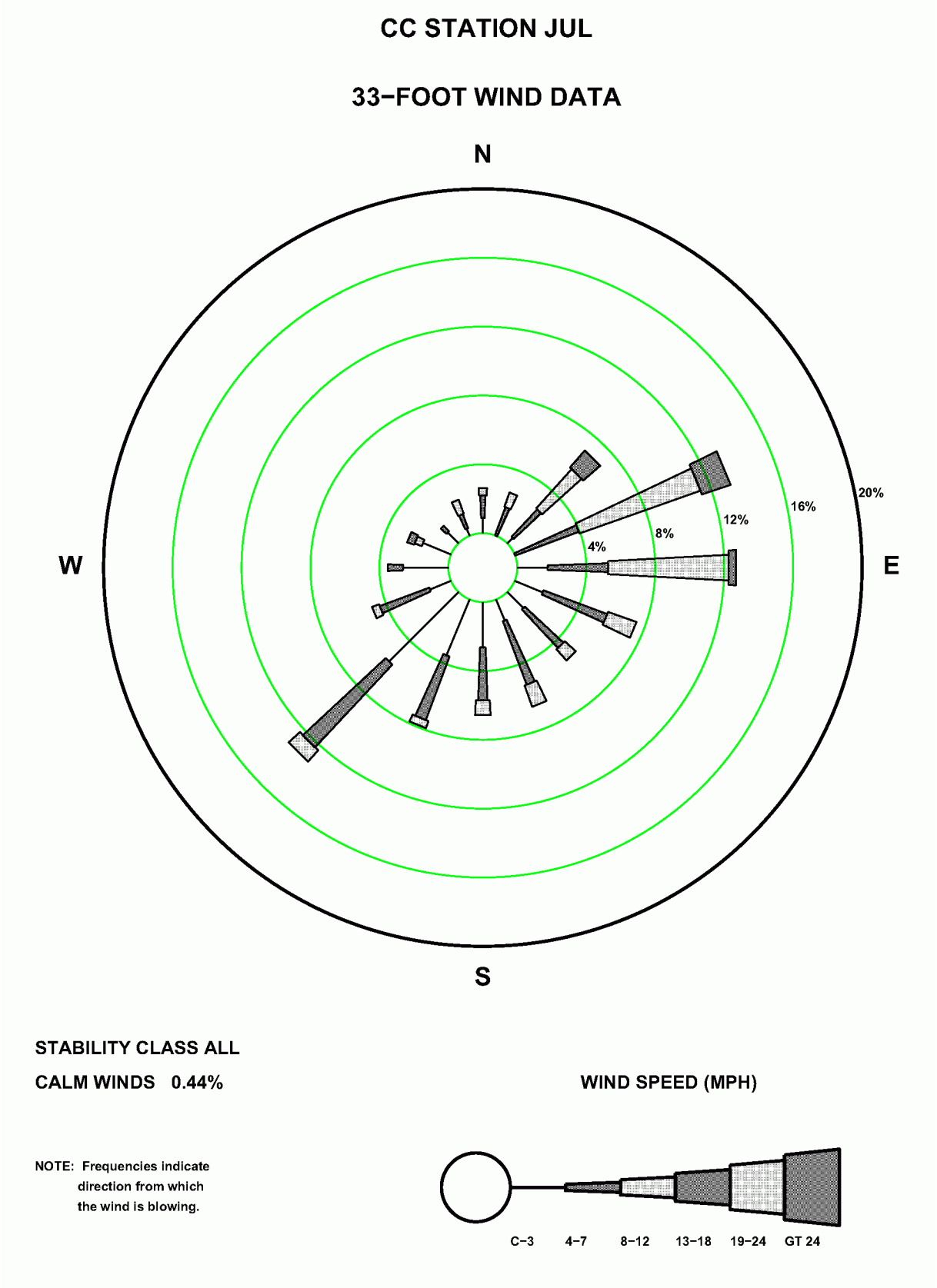

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Figure 2.7-13—CCNPP 33 ft August Precipitation Wind Rose

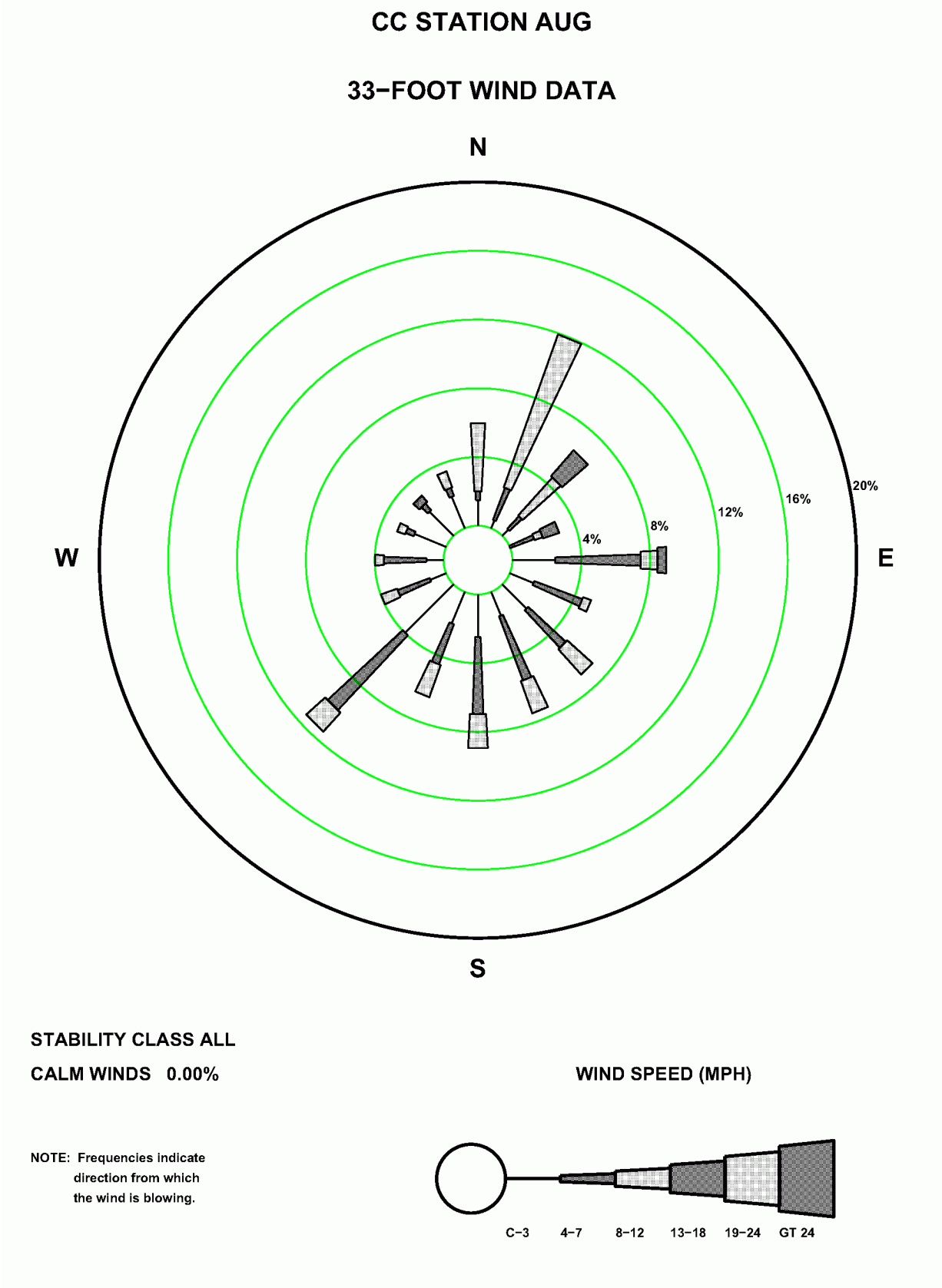

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Figure 2.7-14—CCNPP 33 ft September Precipitation Wind Rose

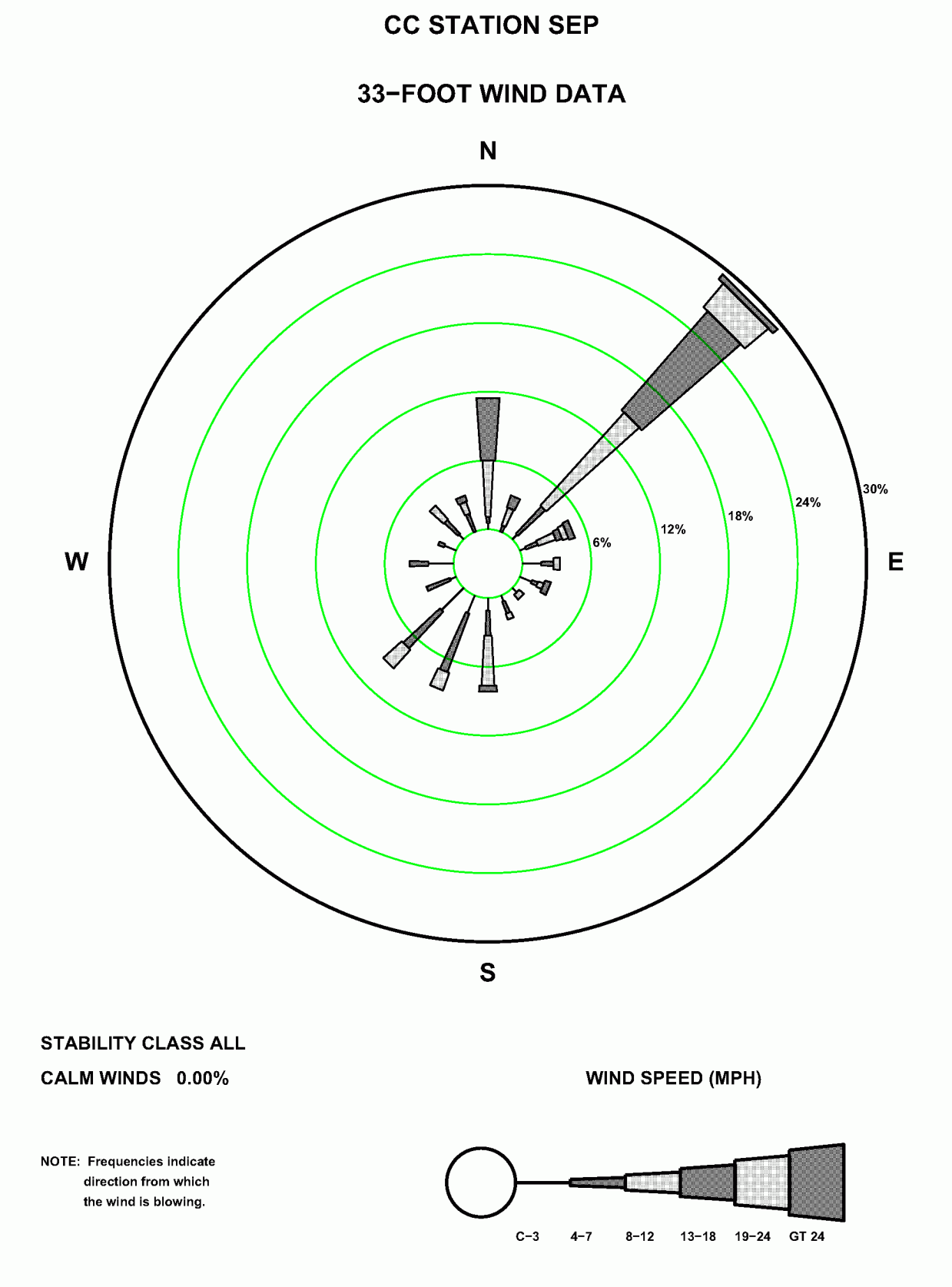

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Figure 2.7-15—CCNPP 33 ft October Precipitation Wind Rose

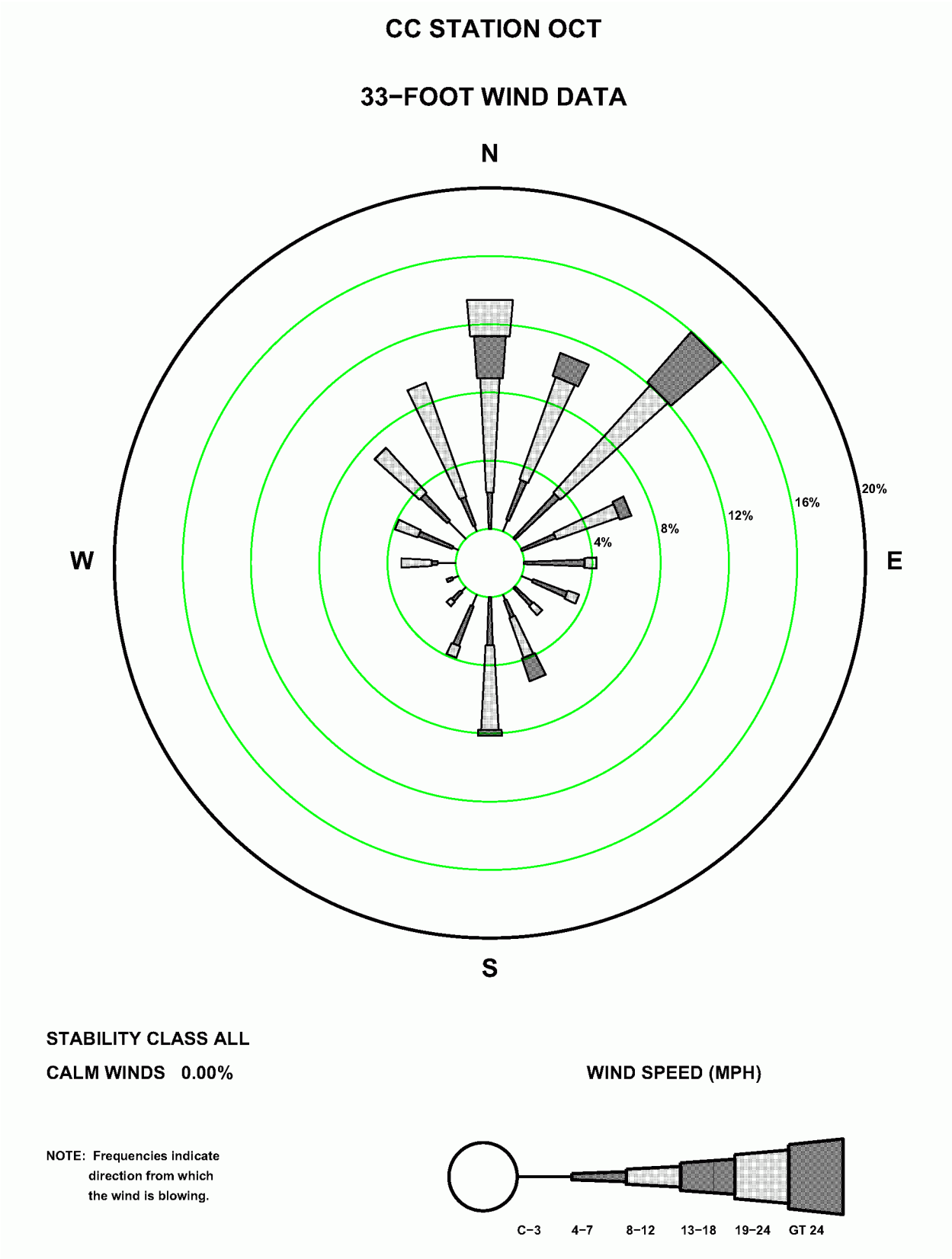

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Figure 2.7-16—CCNPP 33 ft November Precipitation Wind Rose

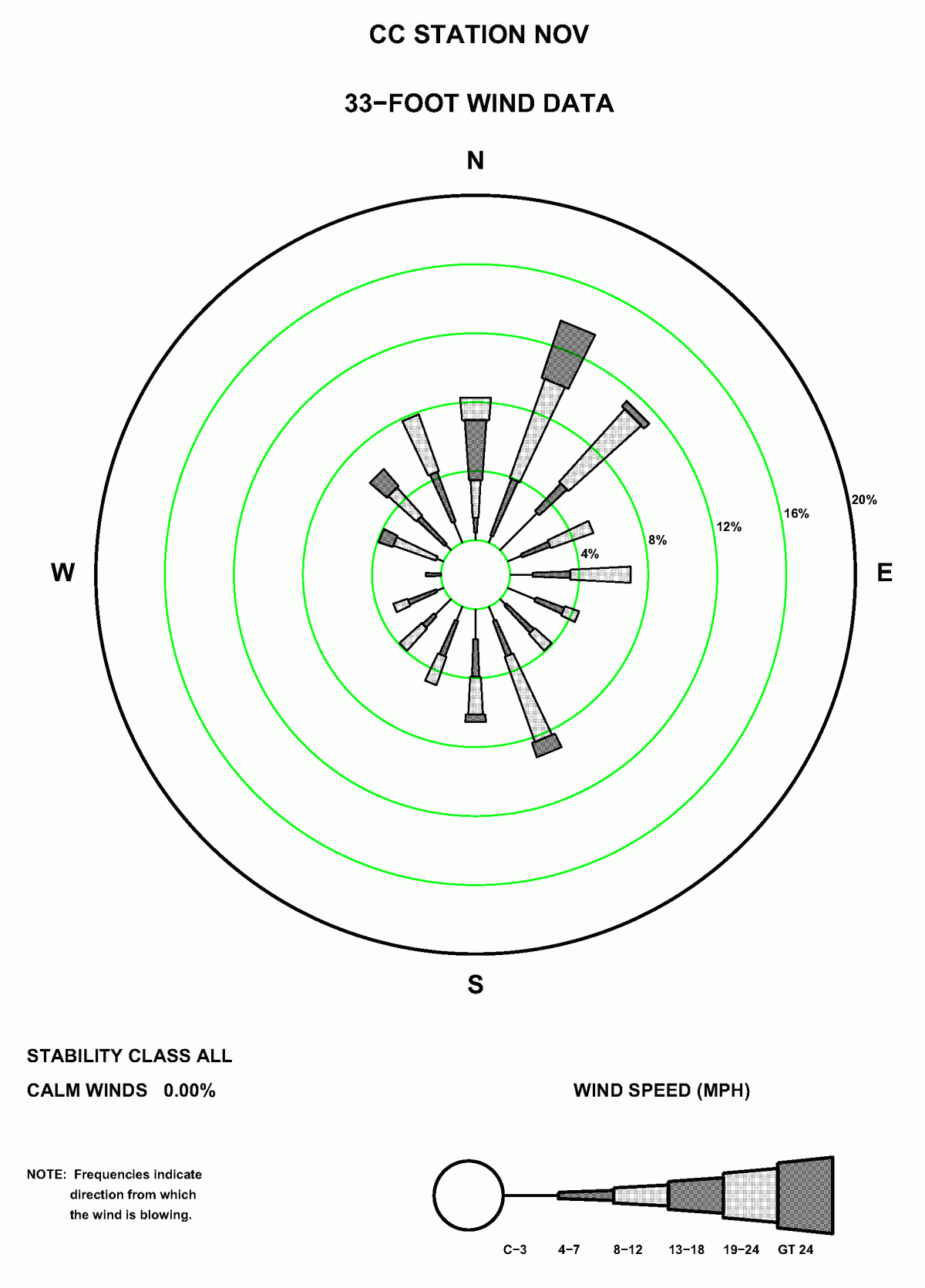

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Figure 2.7-17—CCNPP 33 ft December Precipitation Wind Rose

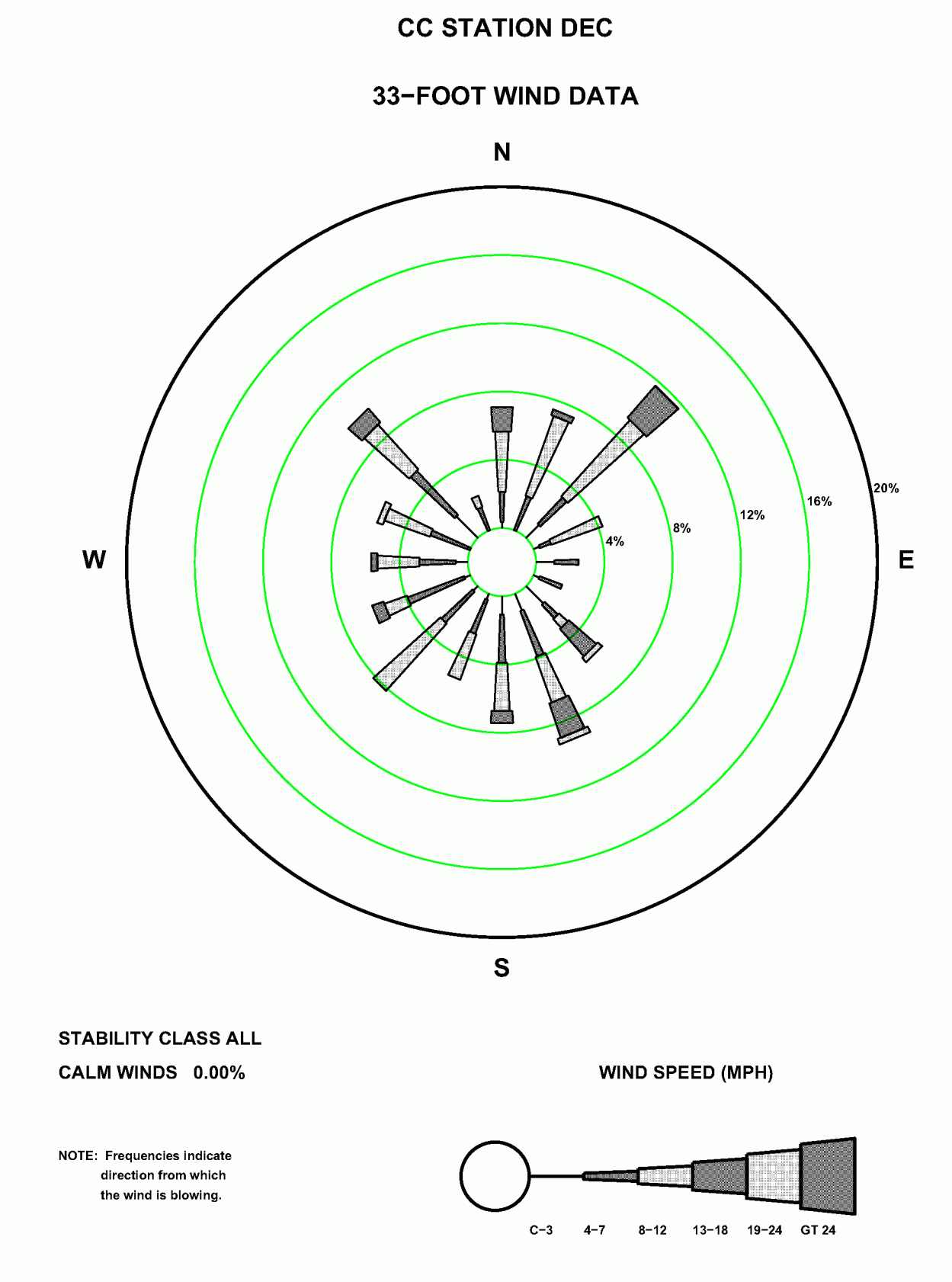

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Figure 2.7-18—CCNPP 197 ft January Precipitation Wind Rose

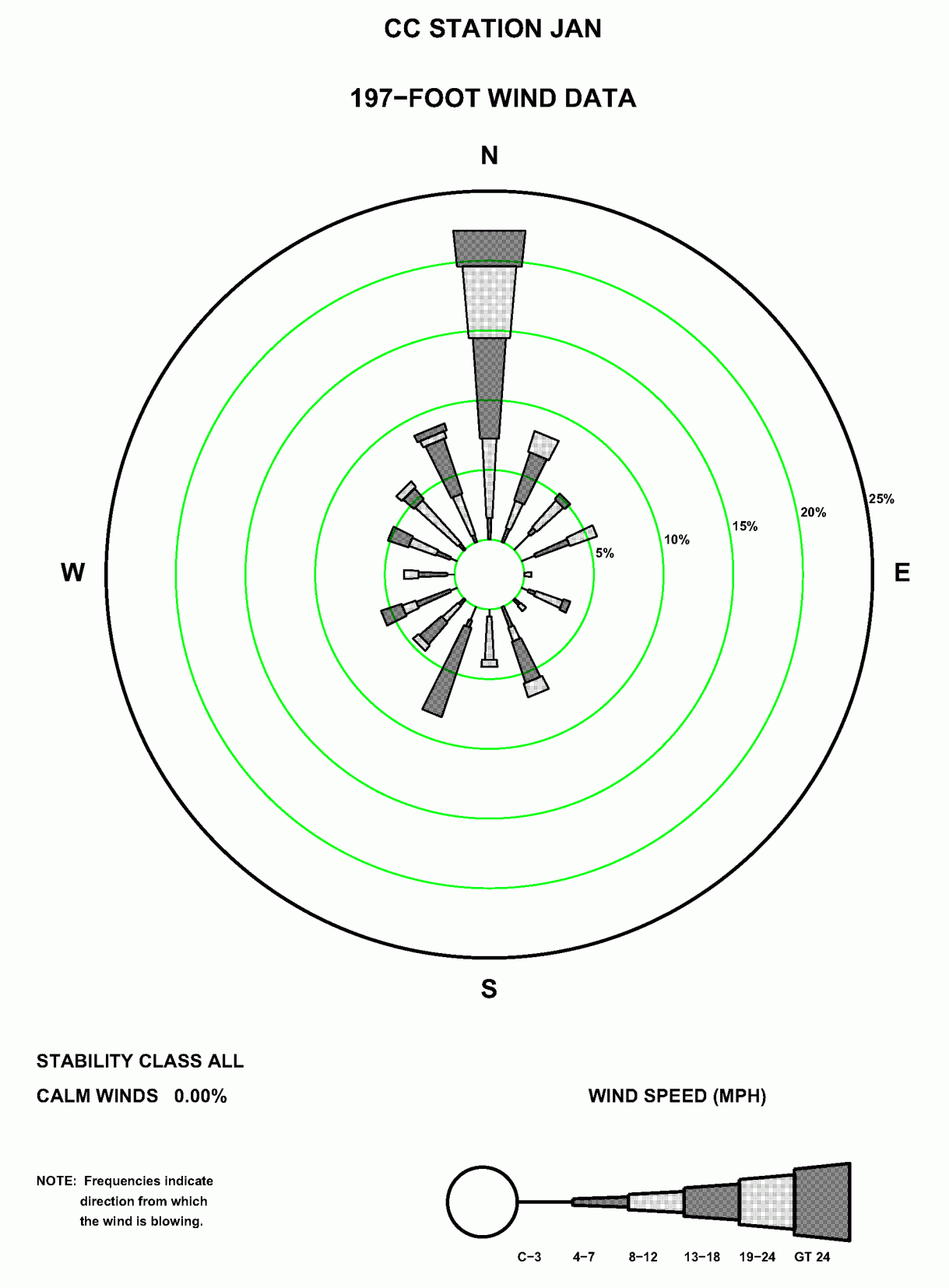

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Figure 2.7-19—CCNPP 197 ft February Precipitation Wind Rose

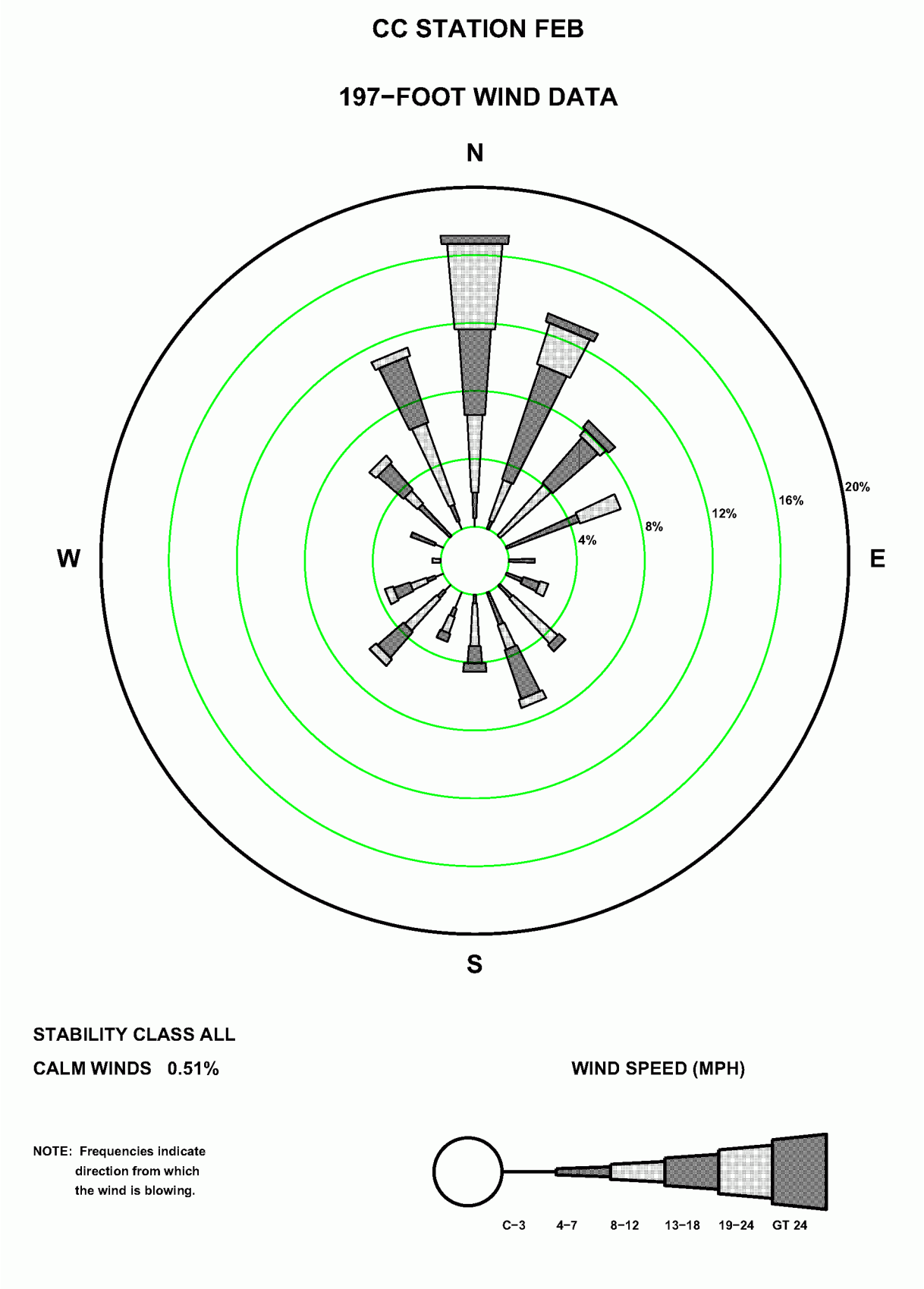

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Figure 2.7-20—CCNPP 197 ft March Precipitation Wind Rose

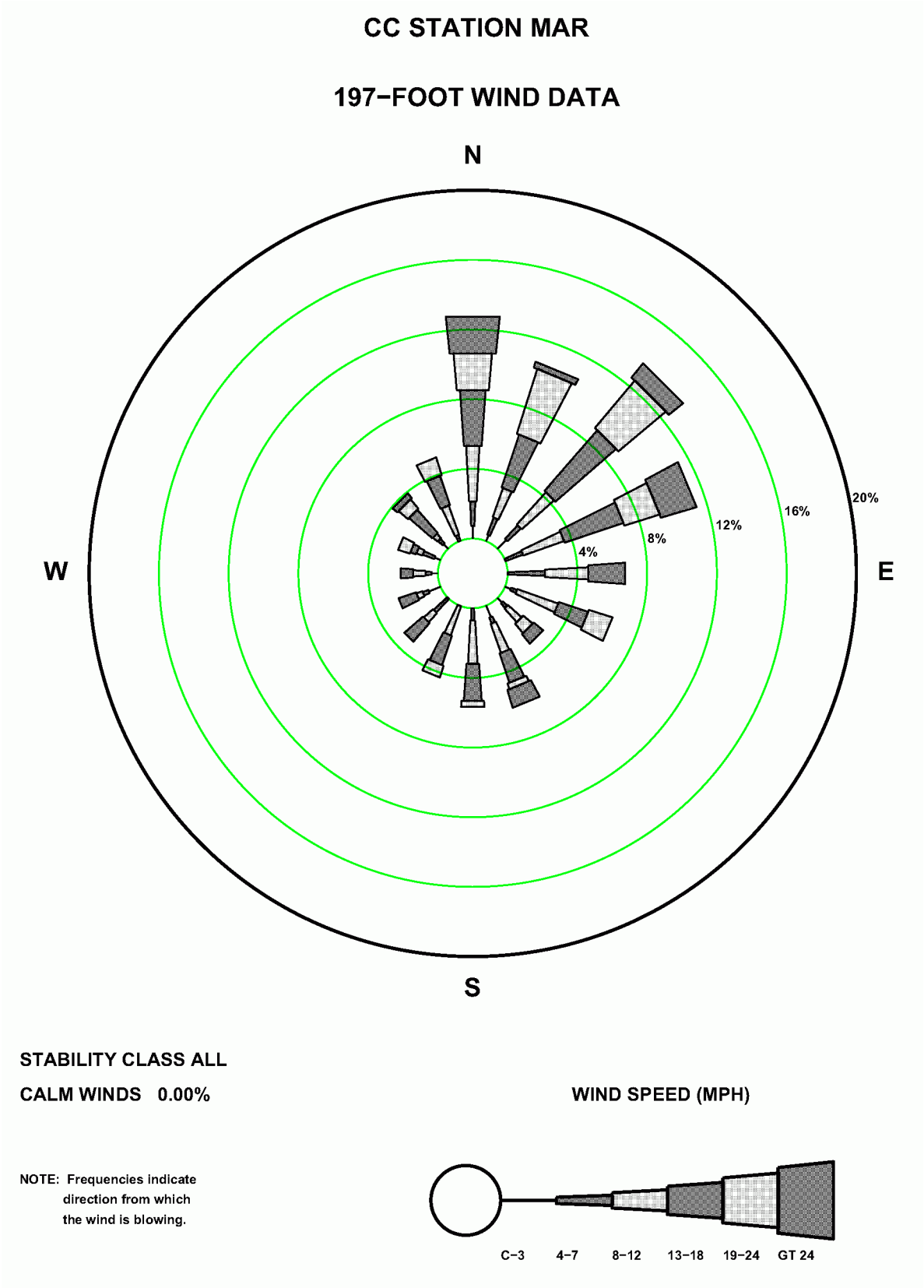

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Figure 2.7-21—CCNPP 197 ft April Precipitation Wind Rose

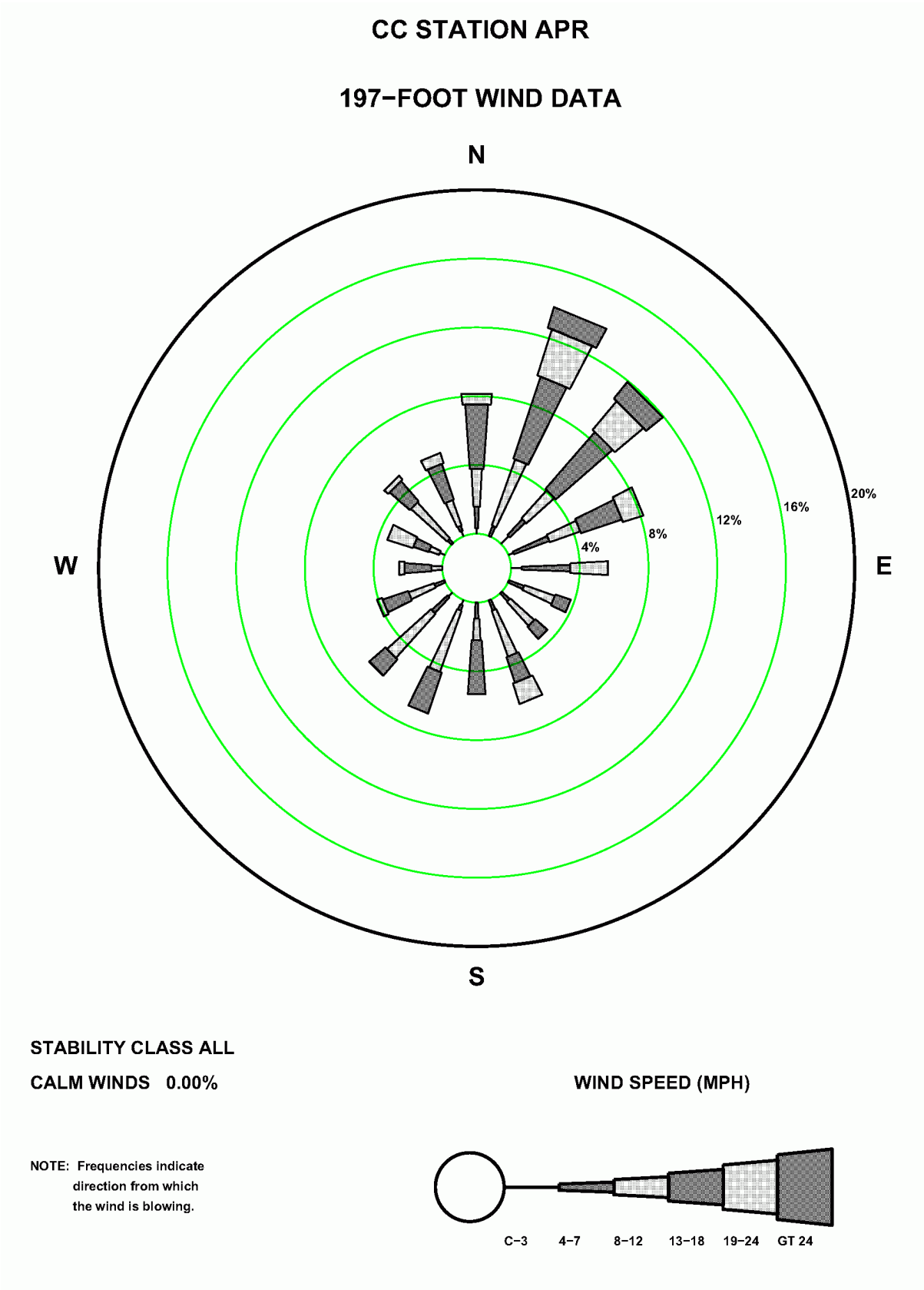

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Figure 2.7-22—CCNPP 197 ft May Precipitation Wind Rose

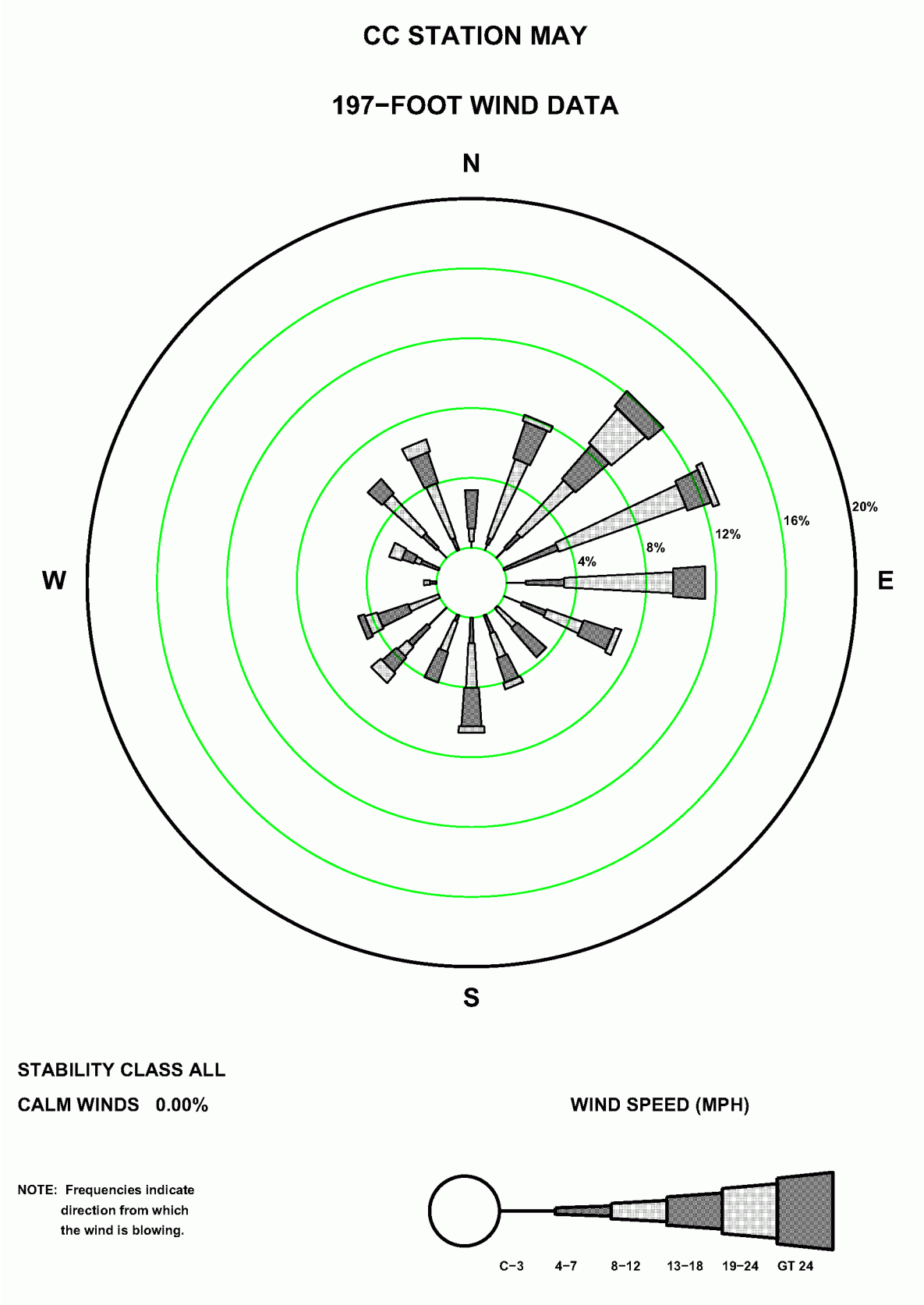

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Figure 2.7-23—CCNPP 197 ft June Precipitation Wind Rose

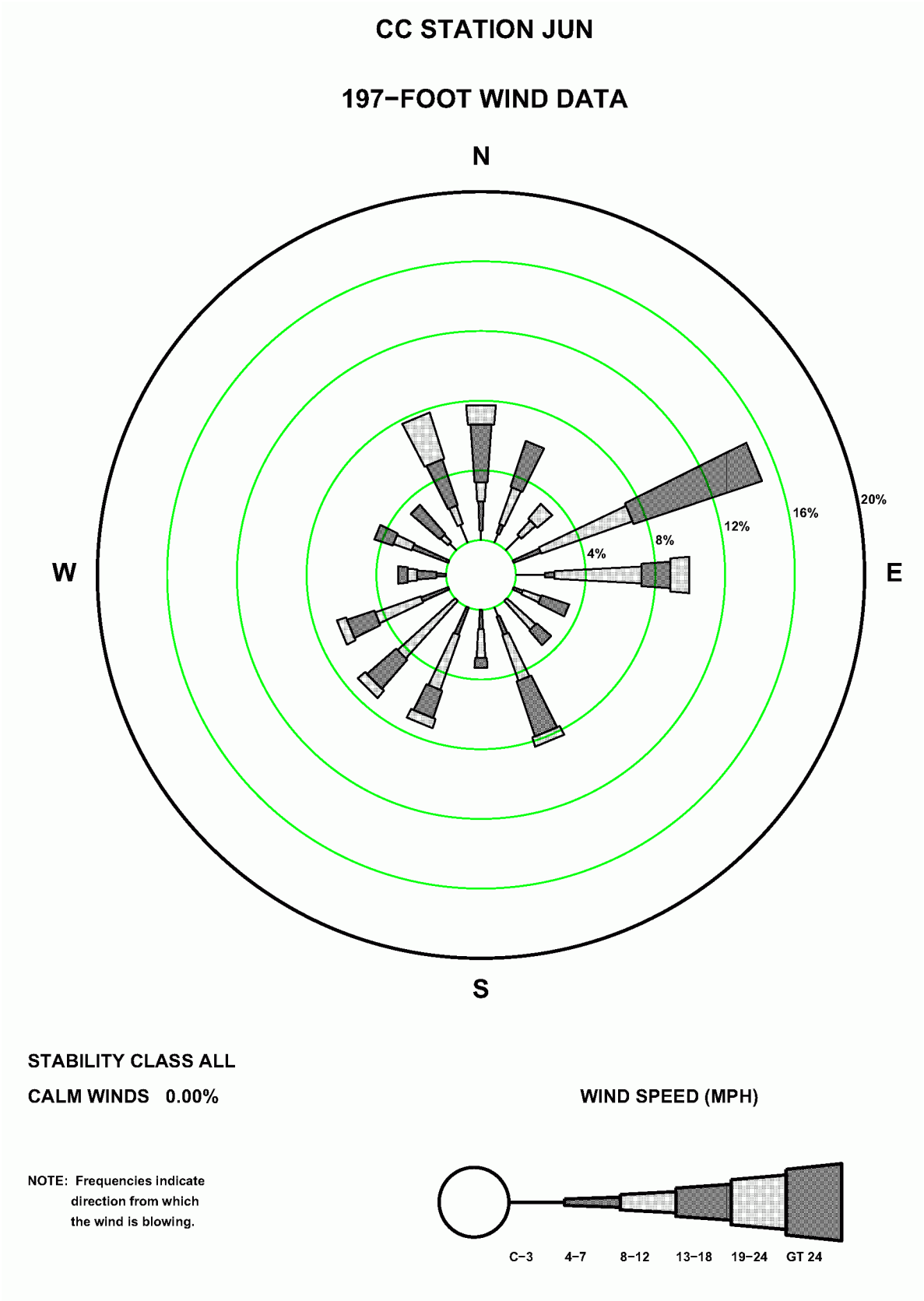

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Figure 2.7-24—CCNPP 197 ft July Precipitation Wind Rose

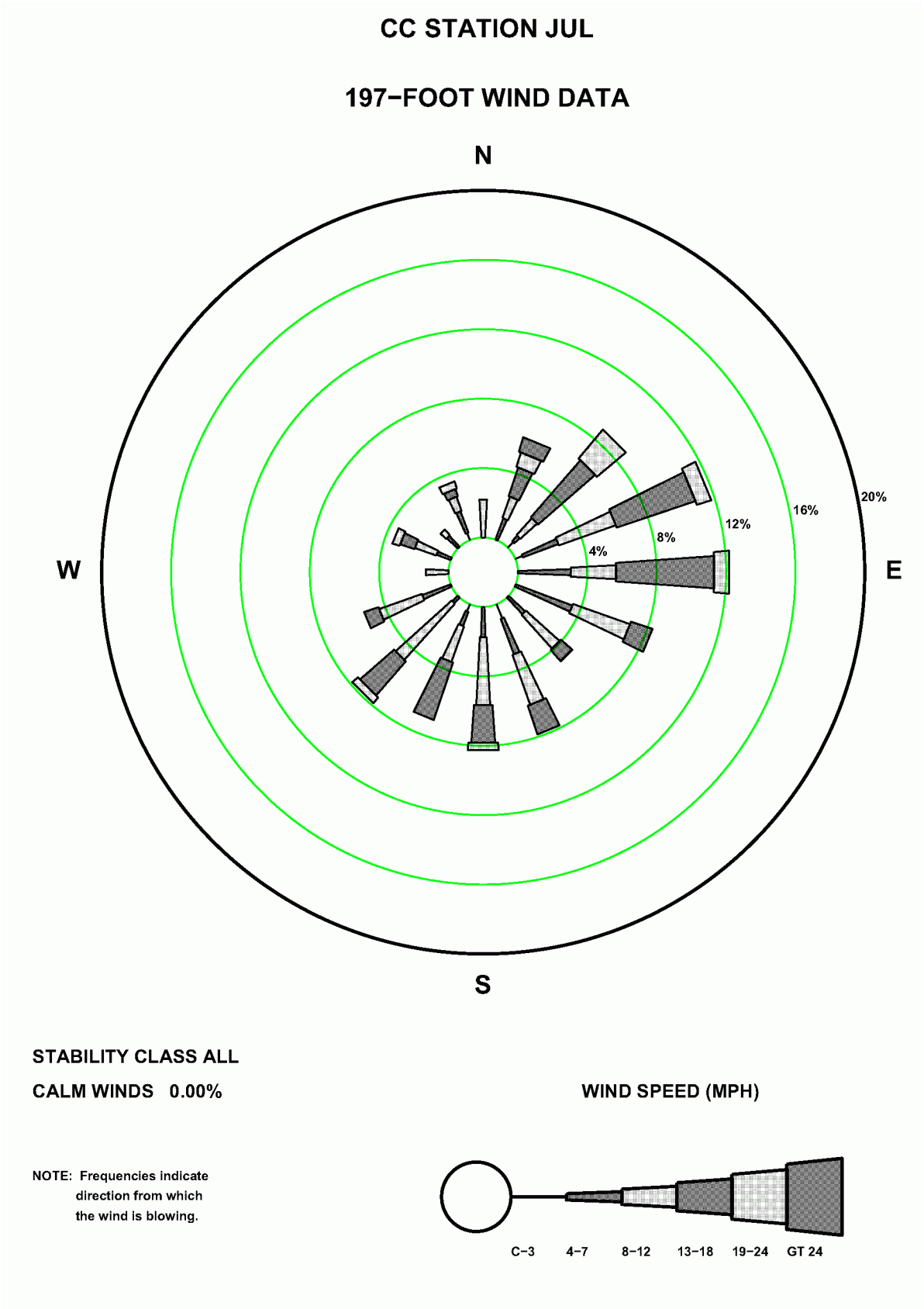

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Figure 2.7-25—CCNPP 197 ft August Precipitation Wind Rose

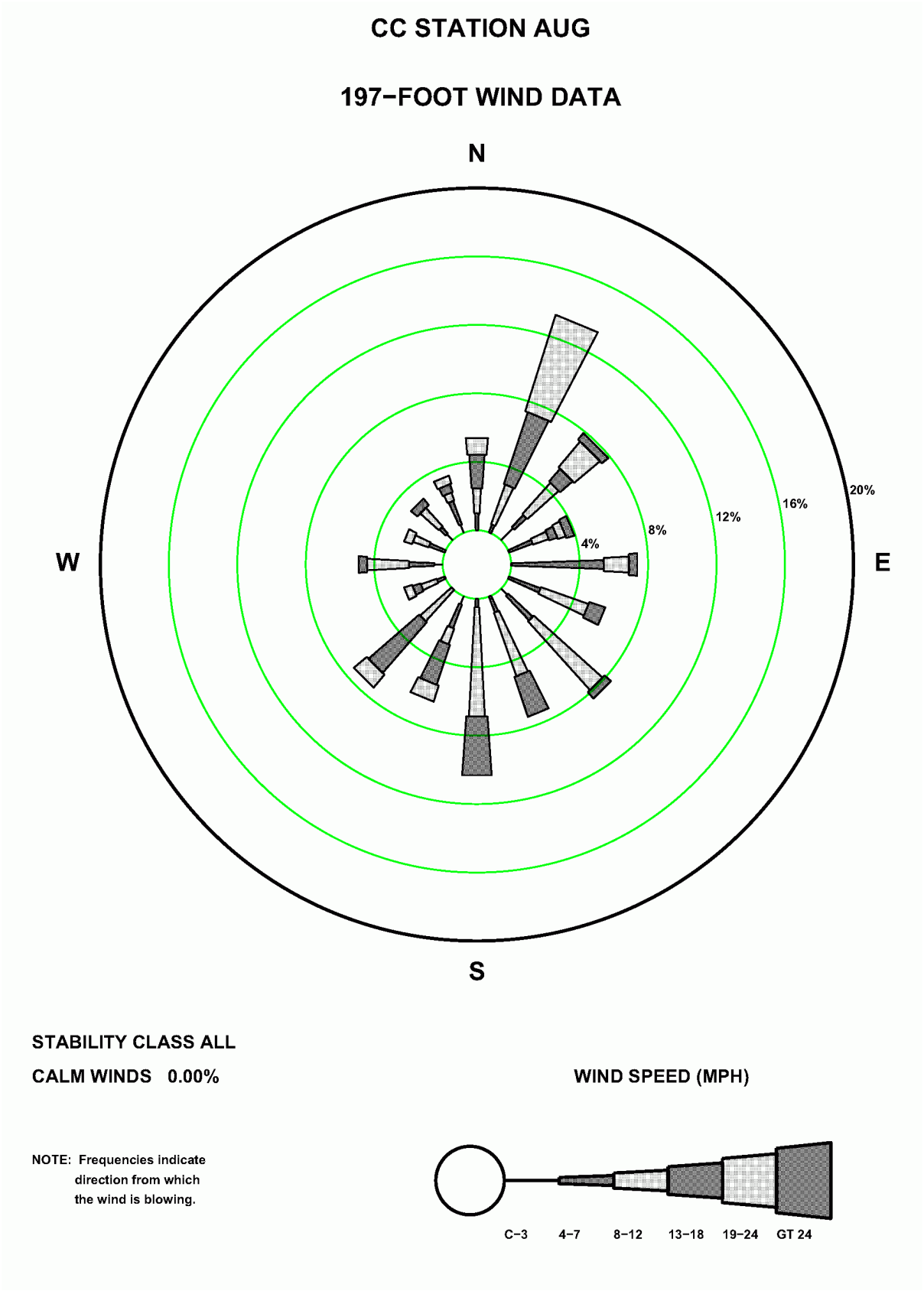

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Figure 2.7-26—CCNPP 197 ft September Precipitation Wind Rose

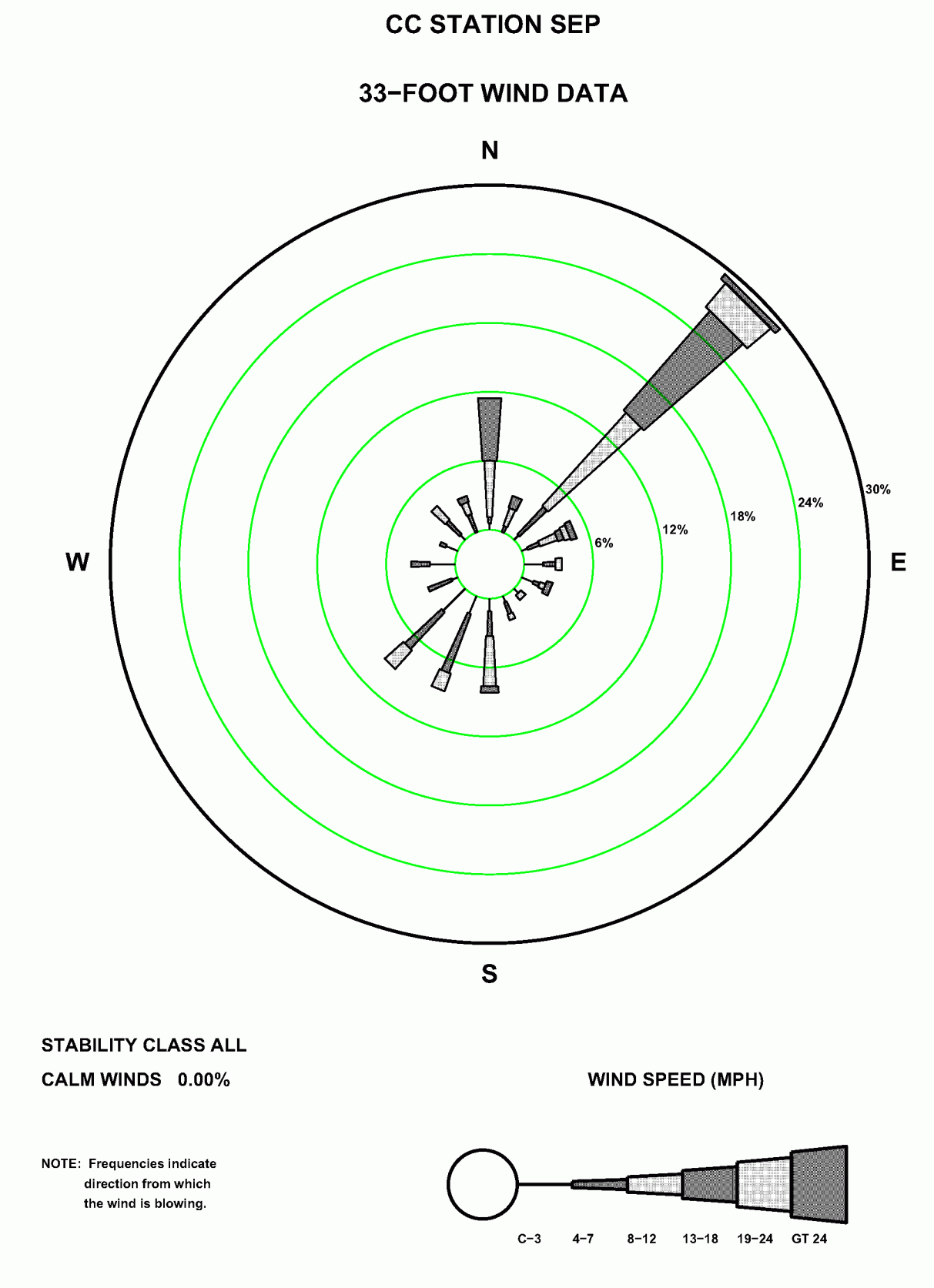

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Figure 2.7-27—CCNPP 197 ft October Precipitation Wind Rose

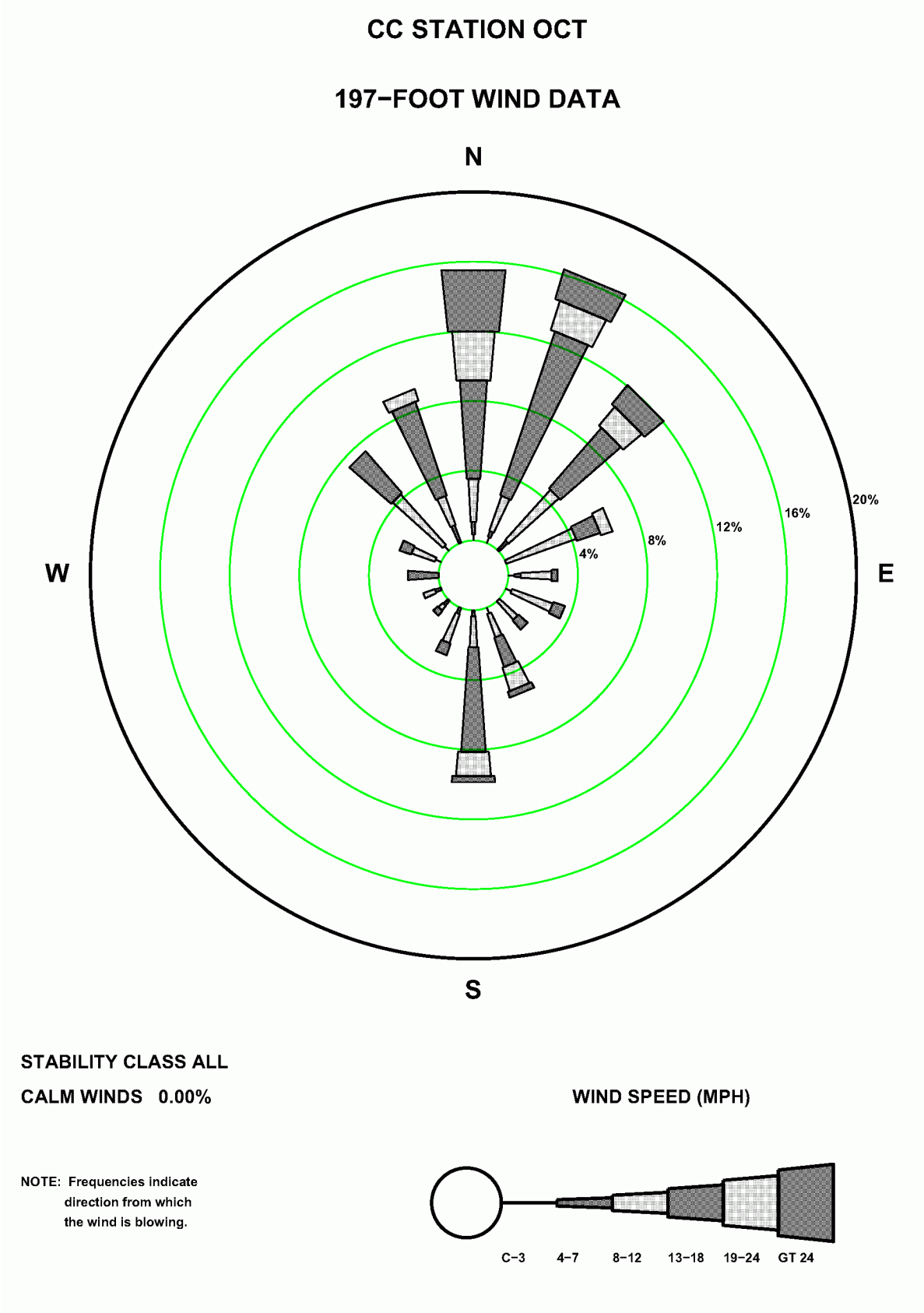

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Figure 2.7-28—CCNPP 197 ft November Precipitation Wind Rose

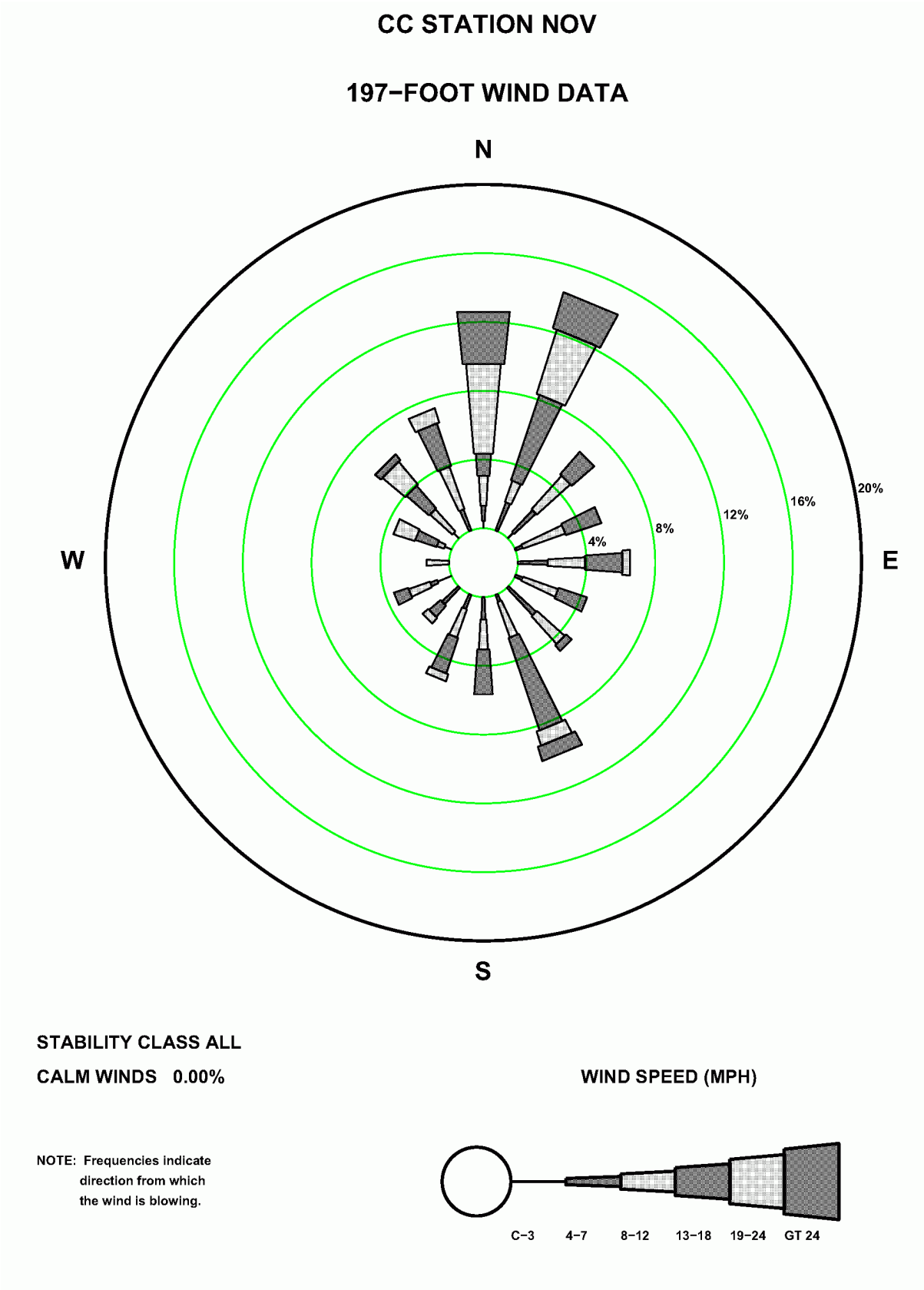

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Figure 2.7-29—CCNPP 197 ft December Precipitation Wind Rose

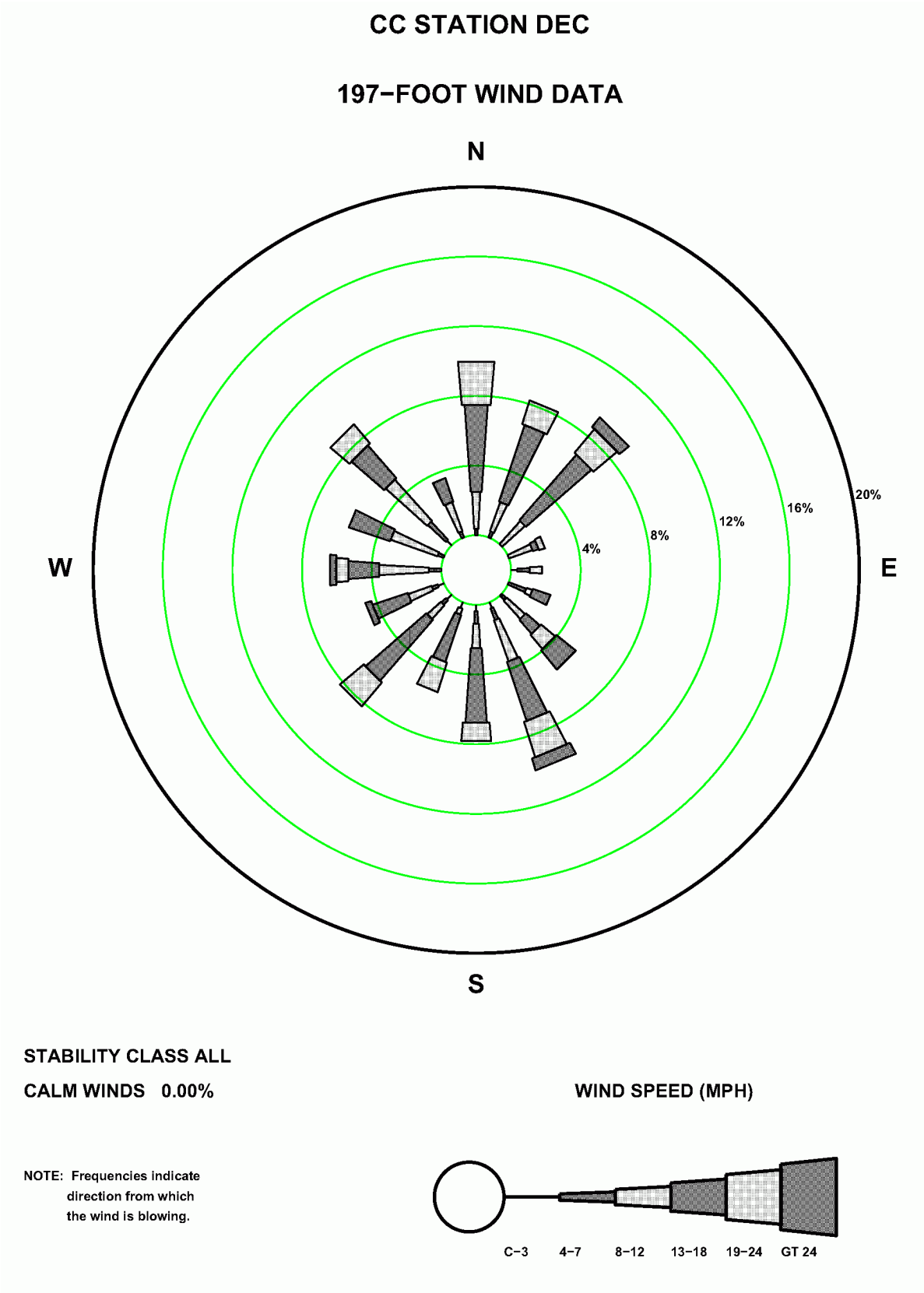

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Figure 2.7-30—CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

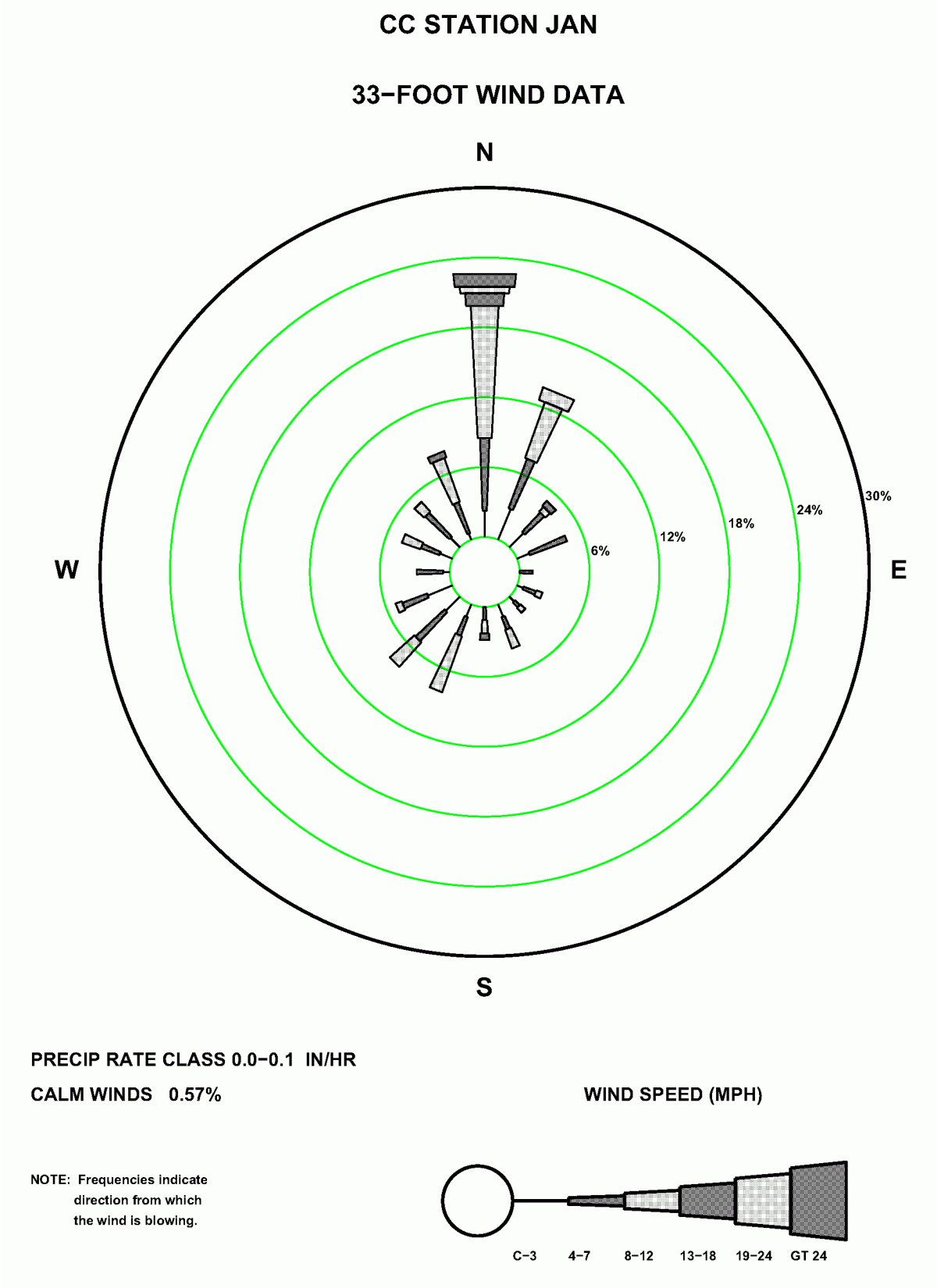

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Figure 2.7-31—CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

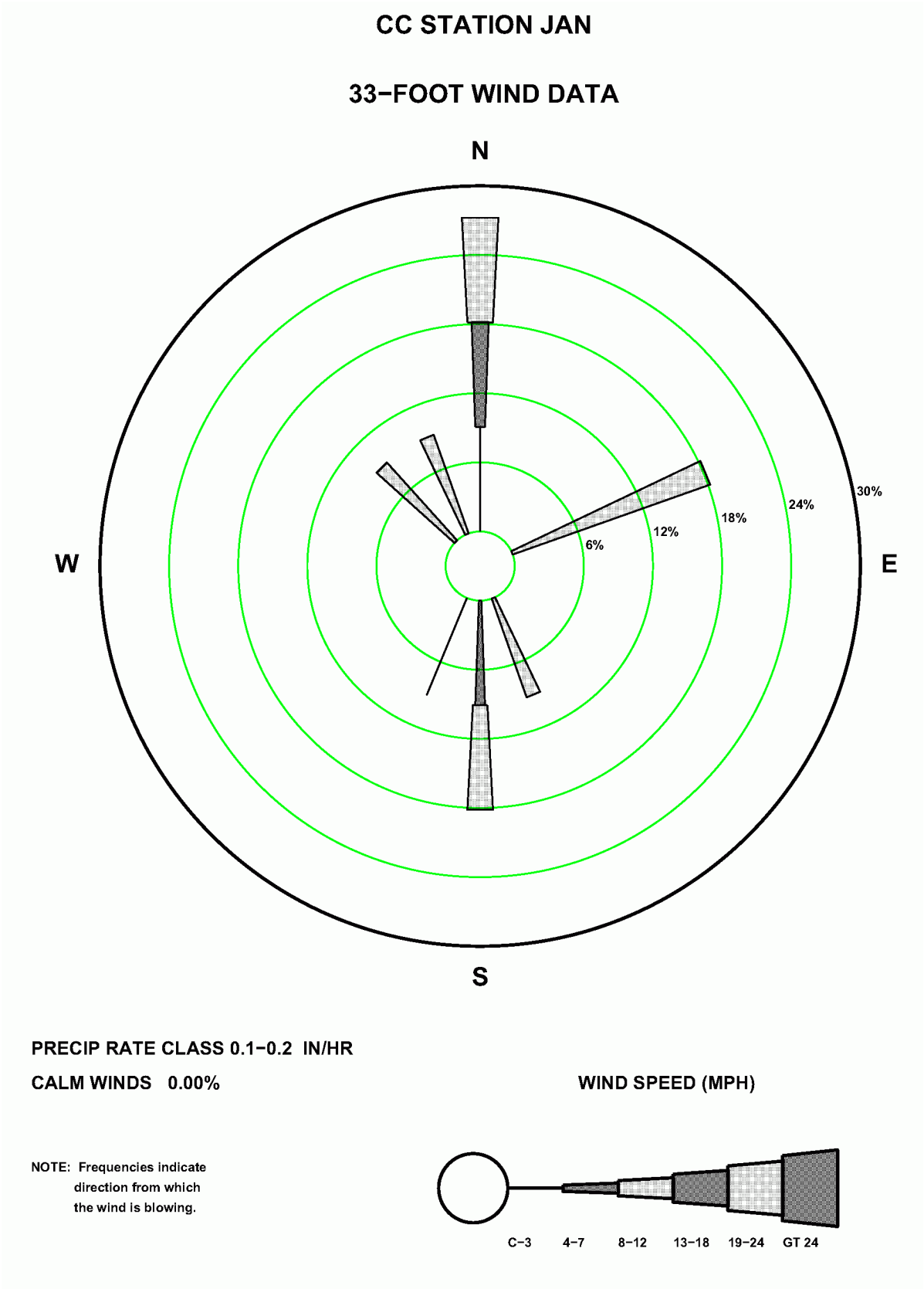

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Figure 2.7-32—CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

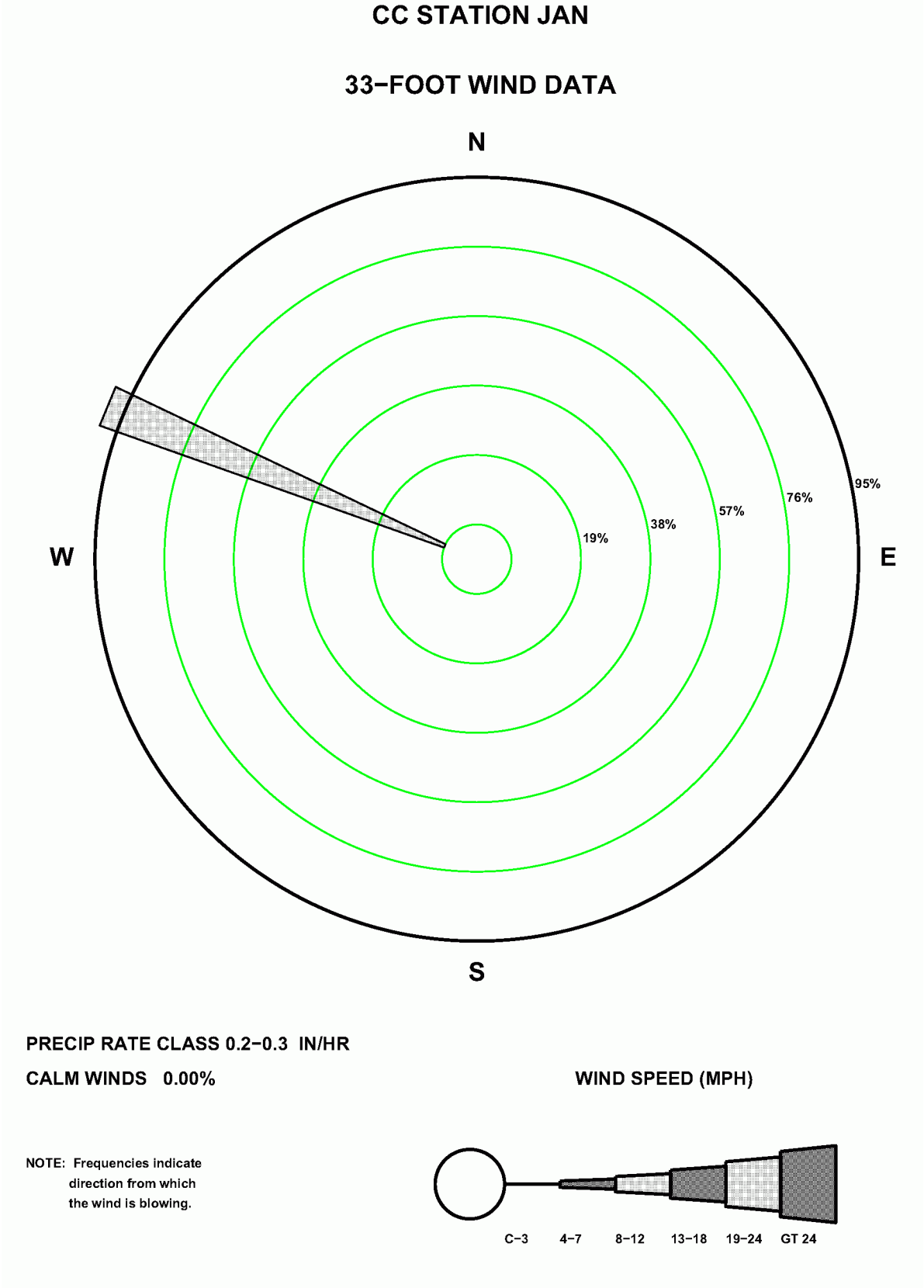

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Figure 2.7-33—CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

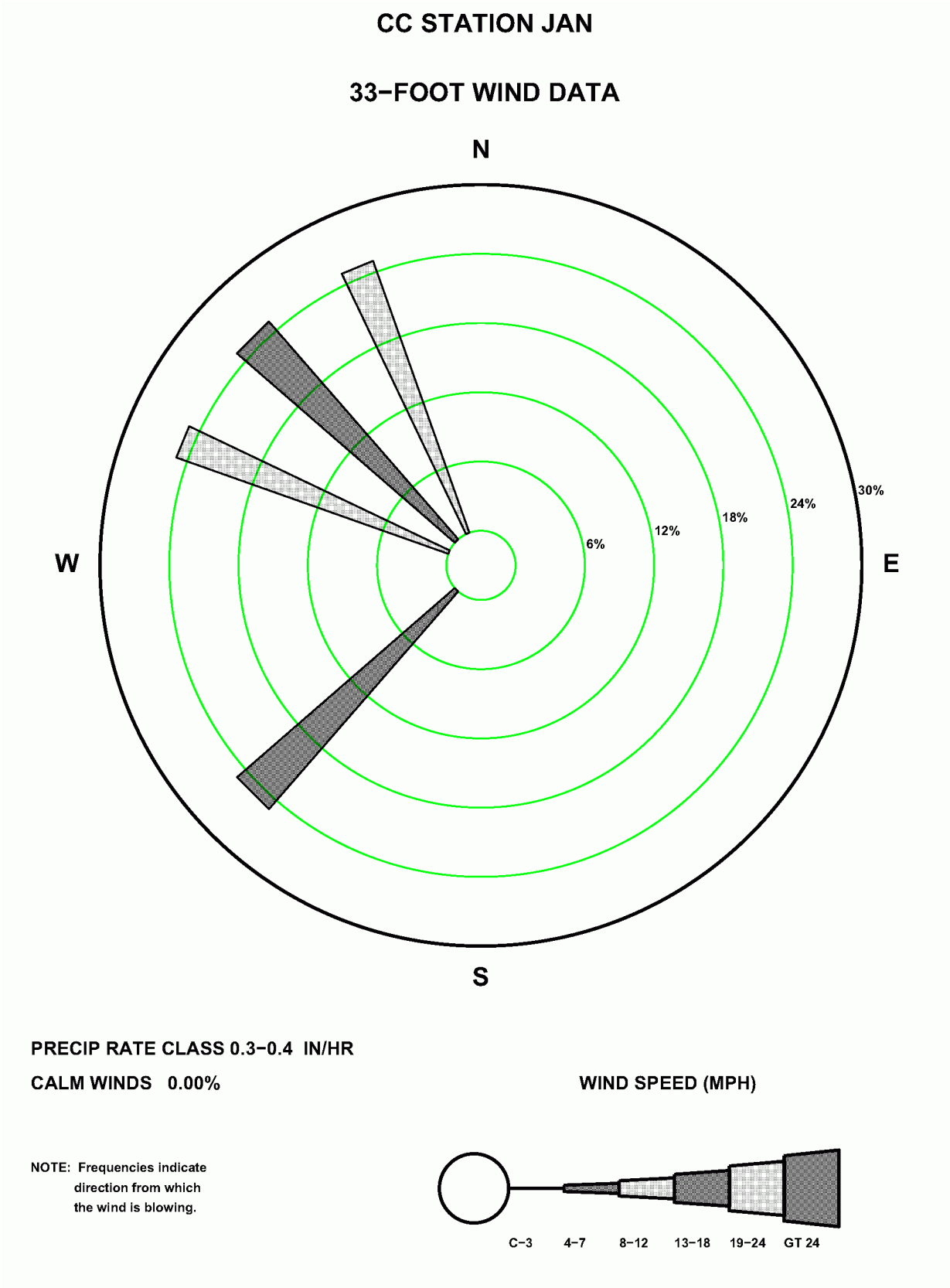

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Figure 2.7-34—CCNPP 33 ft January Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

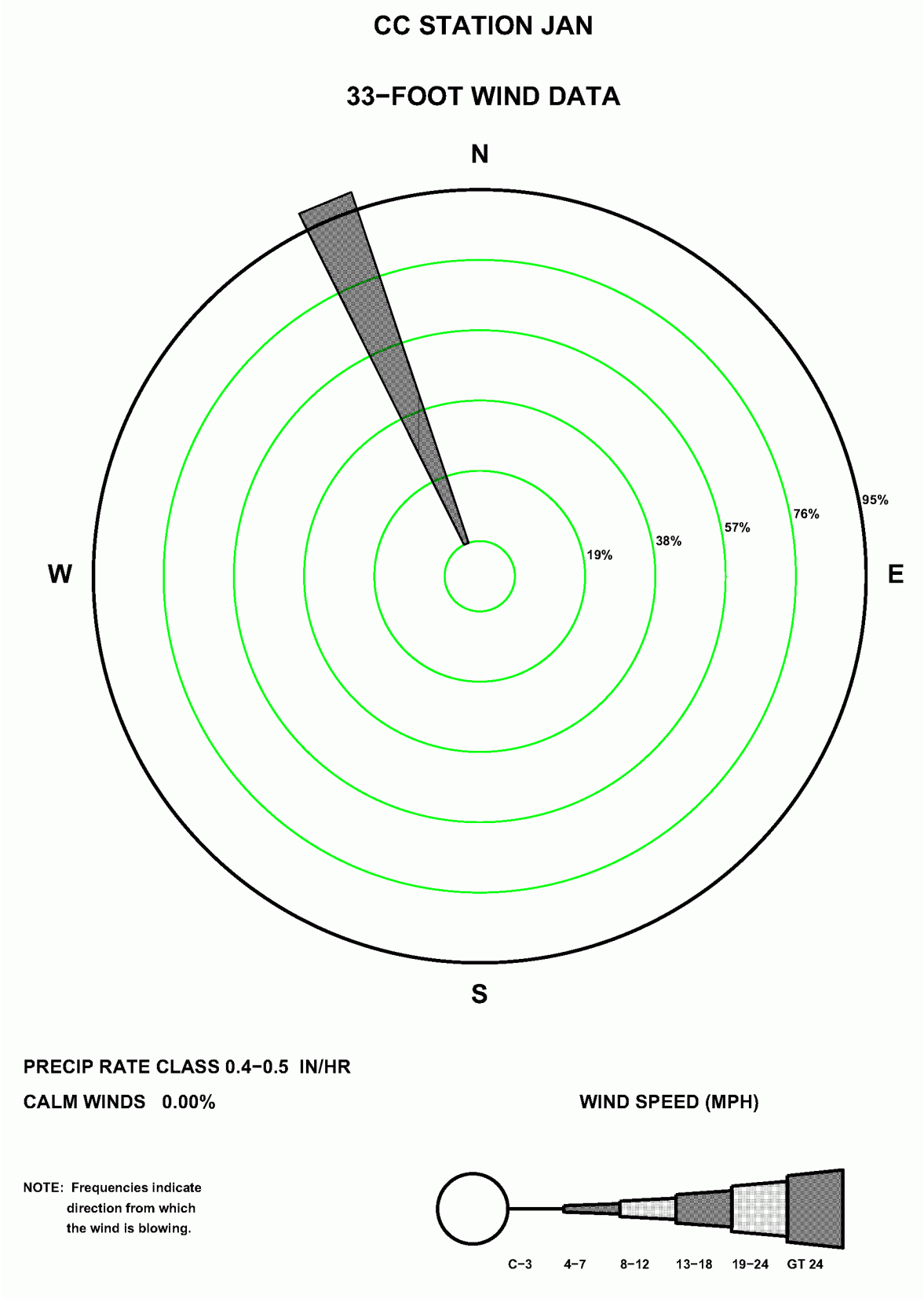

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Figure 2.7-35—CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

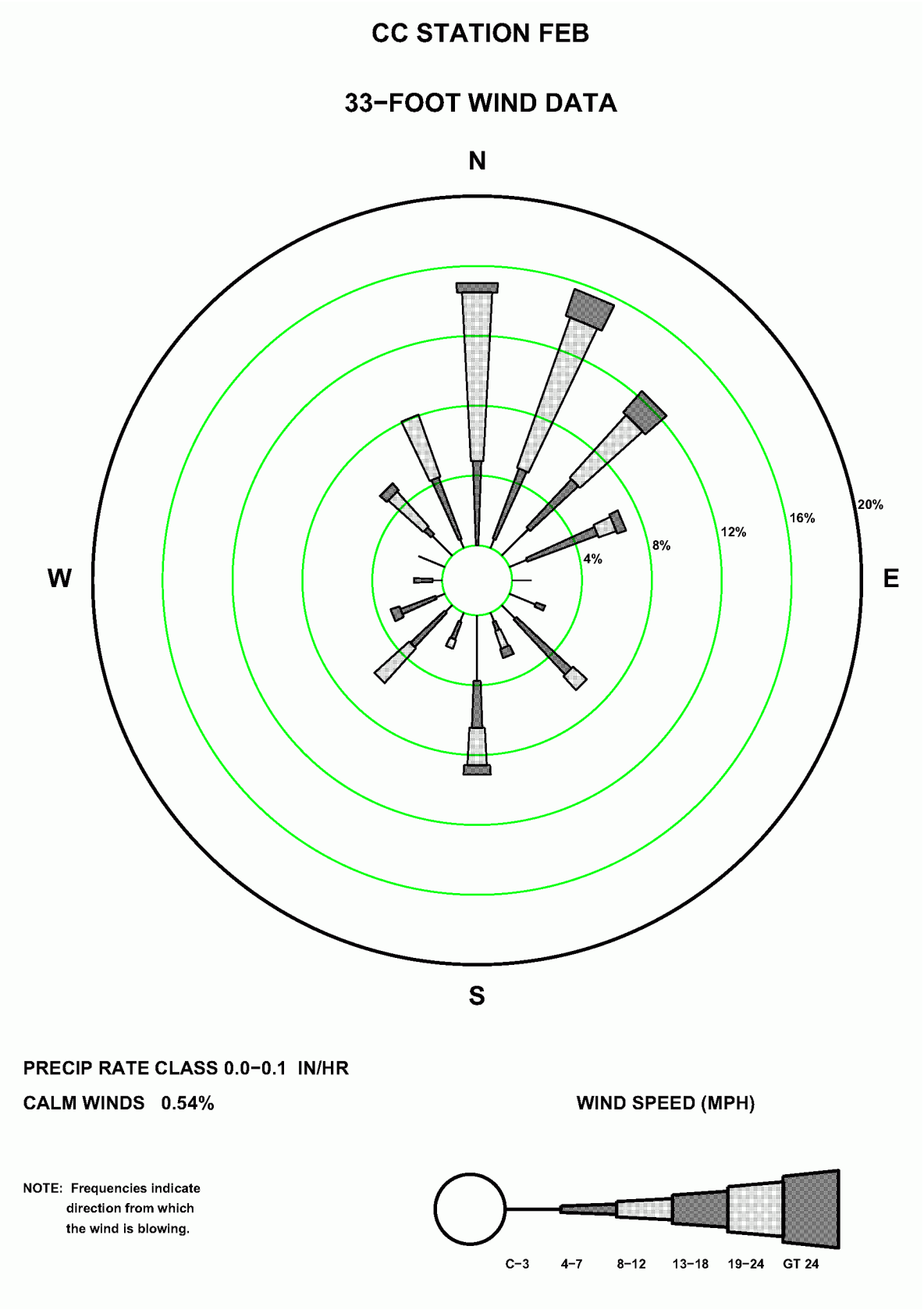

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Figure 2.7-36—CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

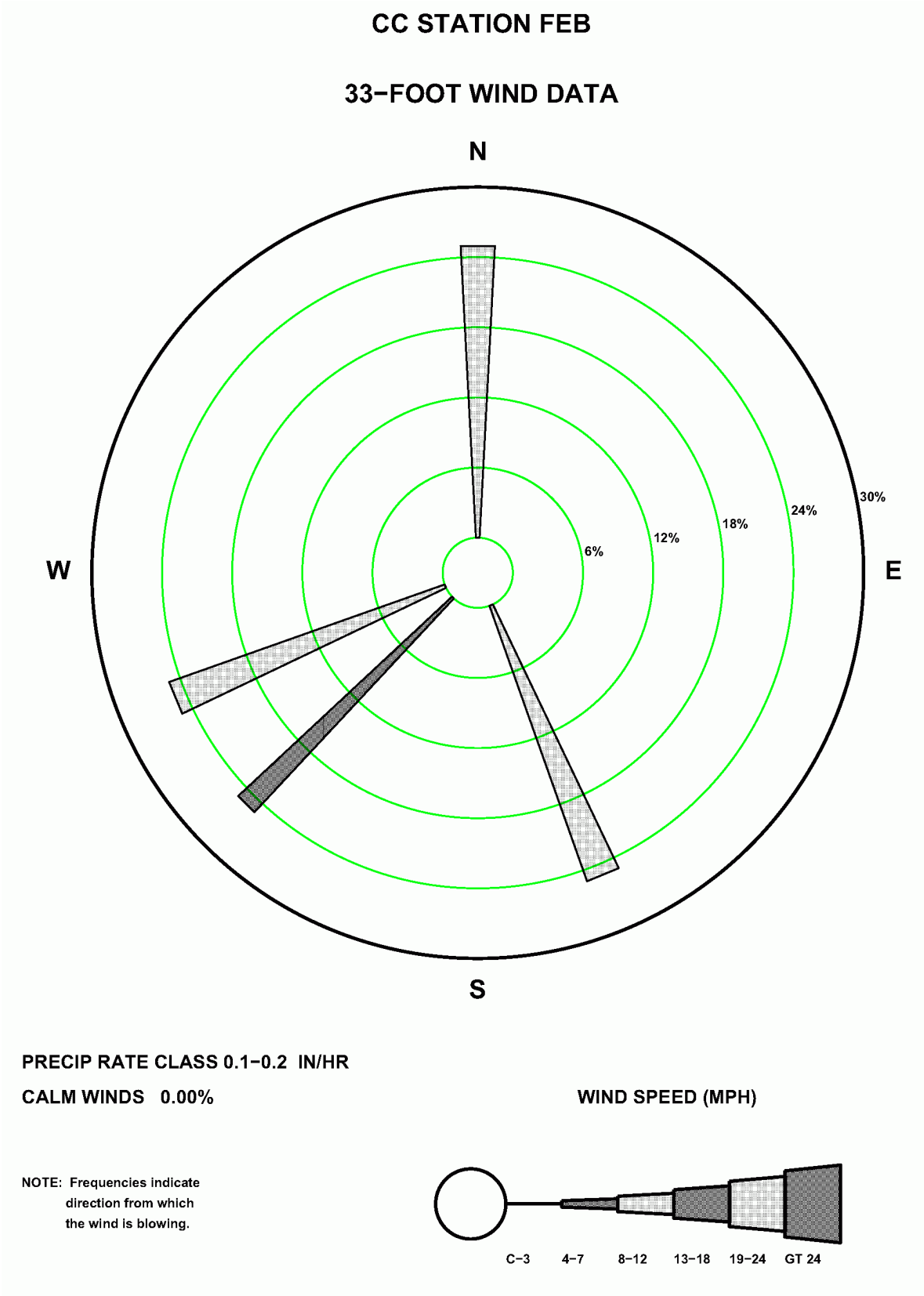

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Figure 2.7-37—CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

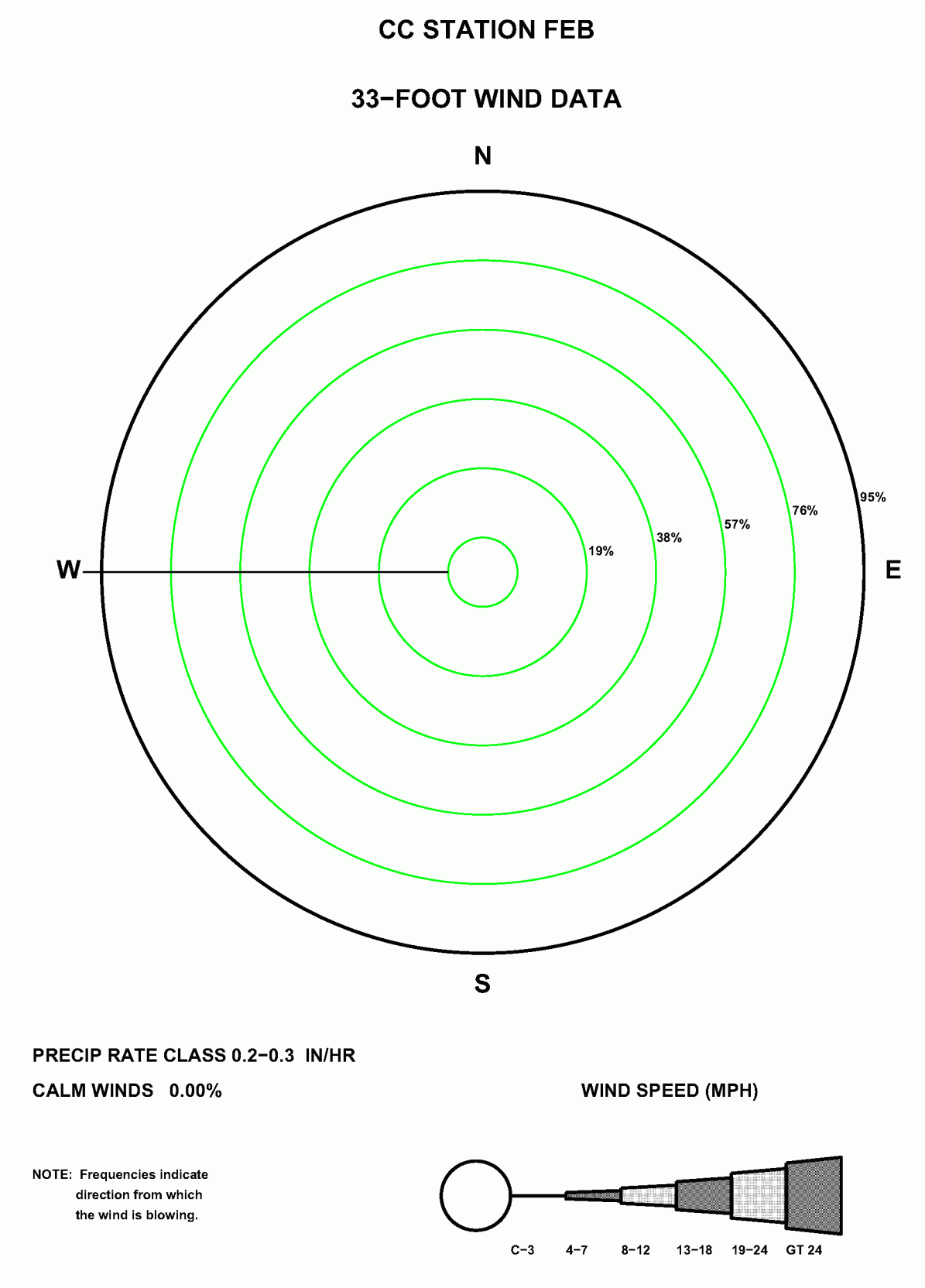

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Figure 2.7-38—CCNPP 33 ft February Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

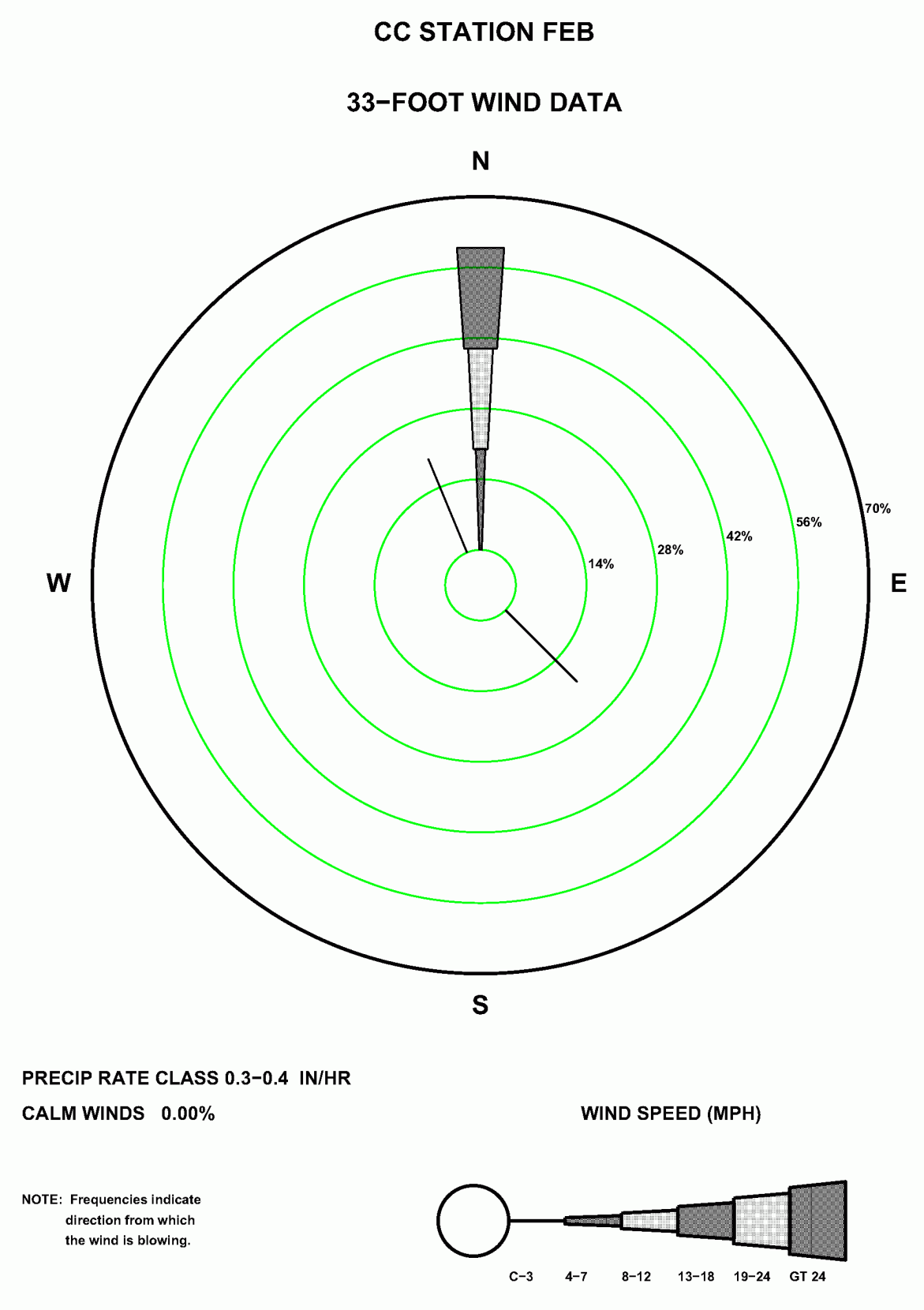

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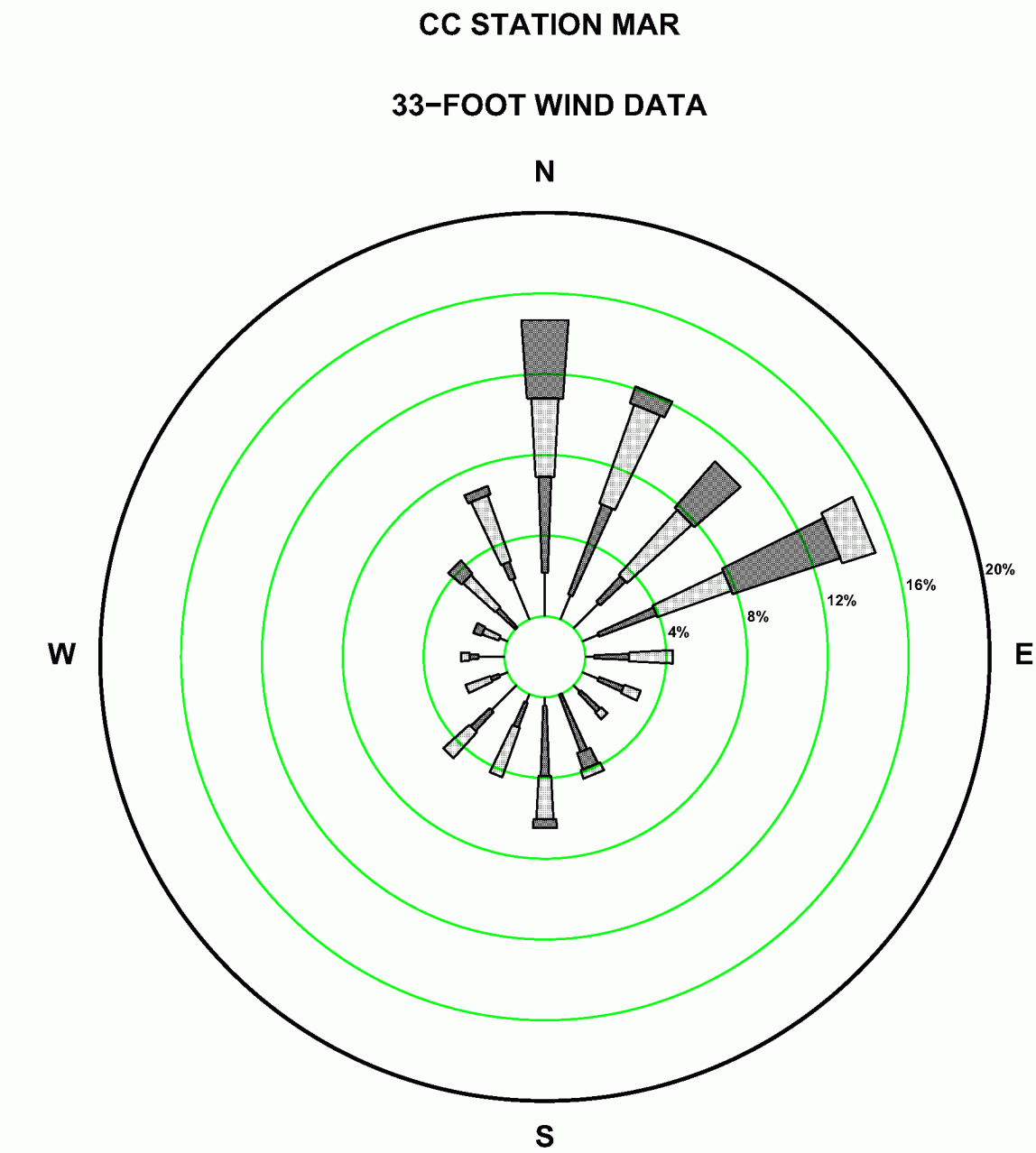
Figure 2.7-39—CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr



PRECIP RATE CLASS 0.0−0.1 IN/HR

CALM WINDS 0.43%

WIND SPEED (MPH)

NOTE: Frequencies indicate direction from which the wind is blowing.

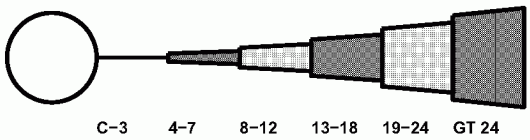


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Figure 2.7-40—CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

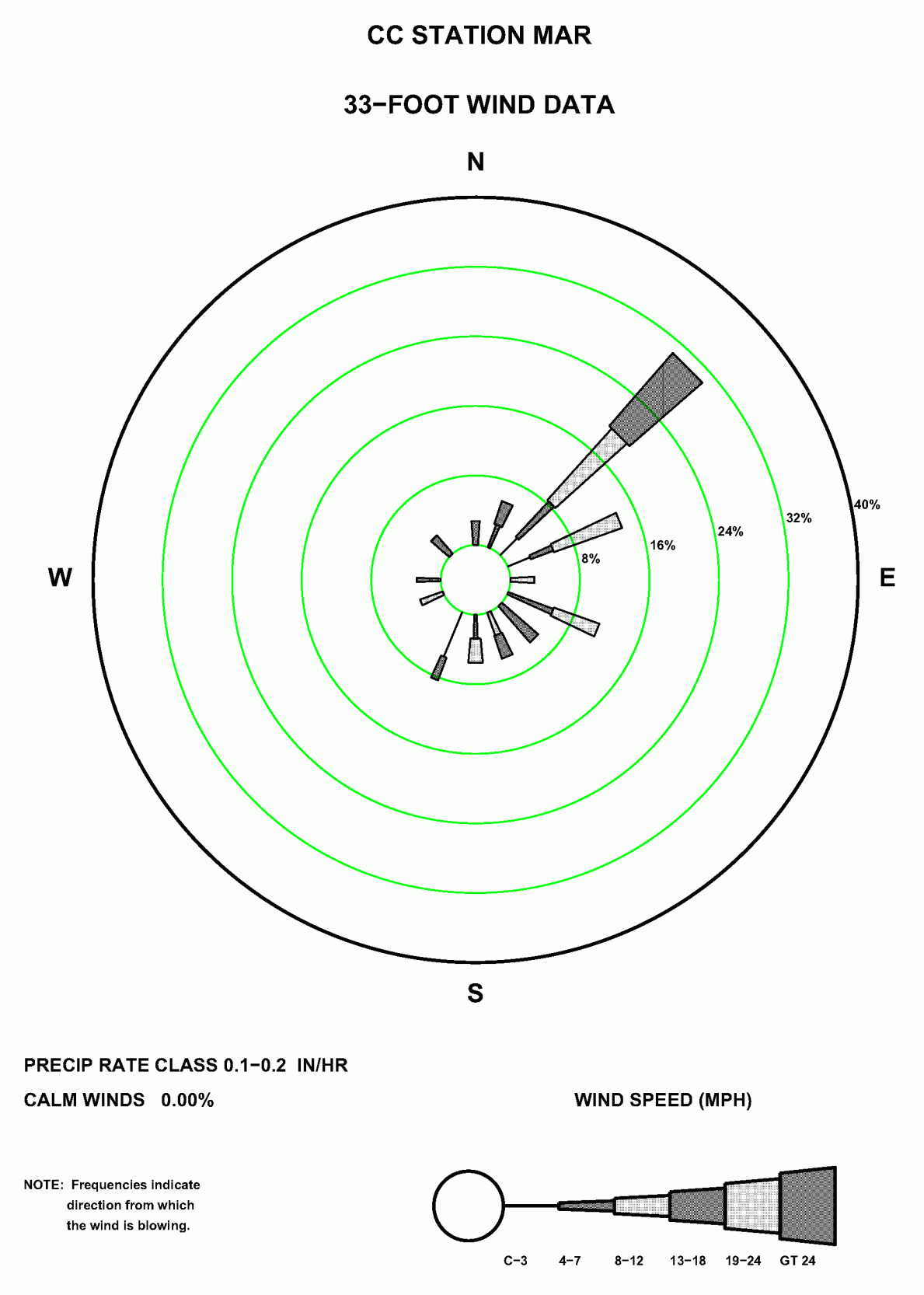

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Figure 2.7-41—CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

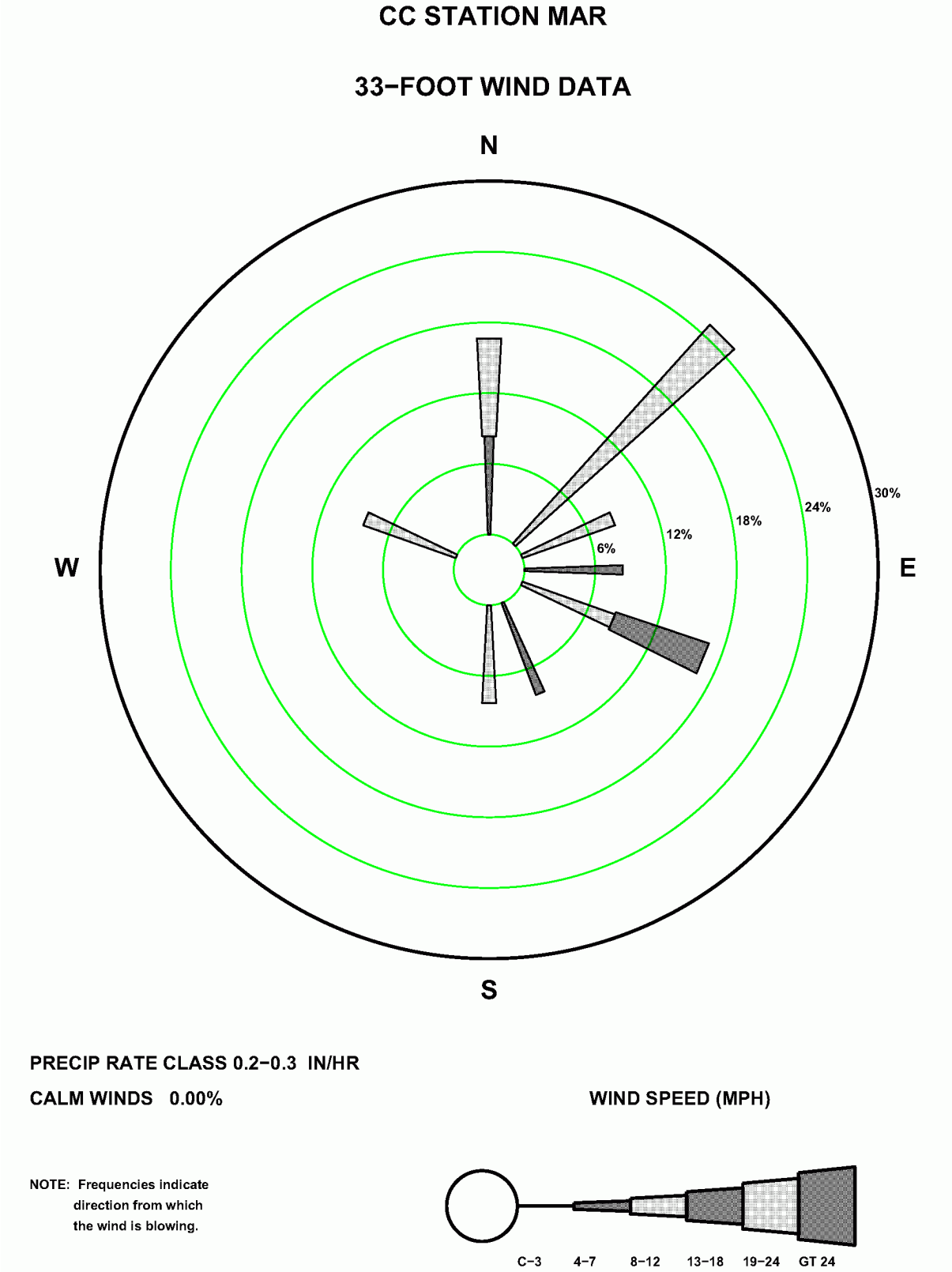

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Figure 2.7-42—CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

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Figure 2.7-43—CCNPP 33 ft March Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

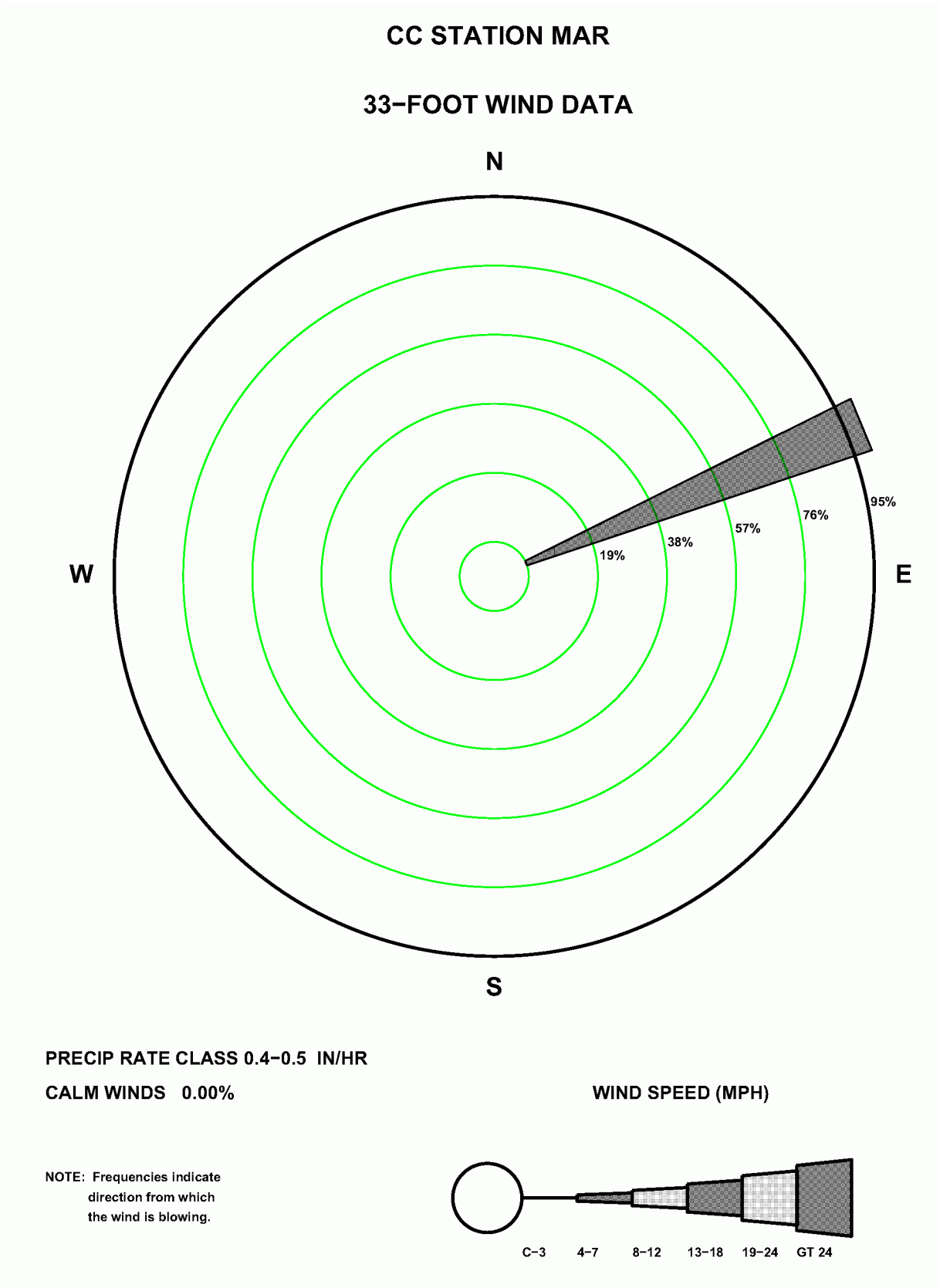

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Figure 2.7-44—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

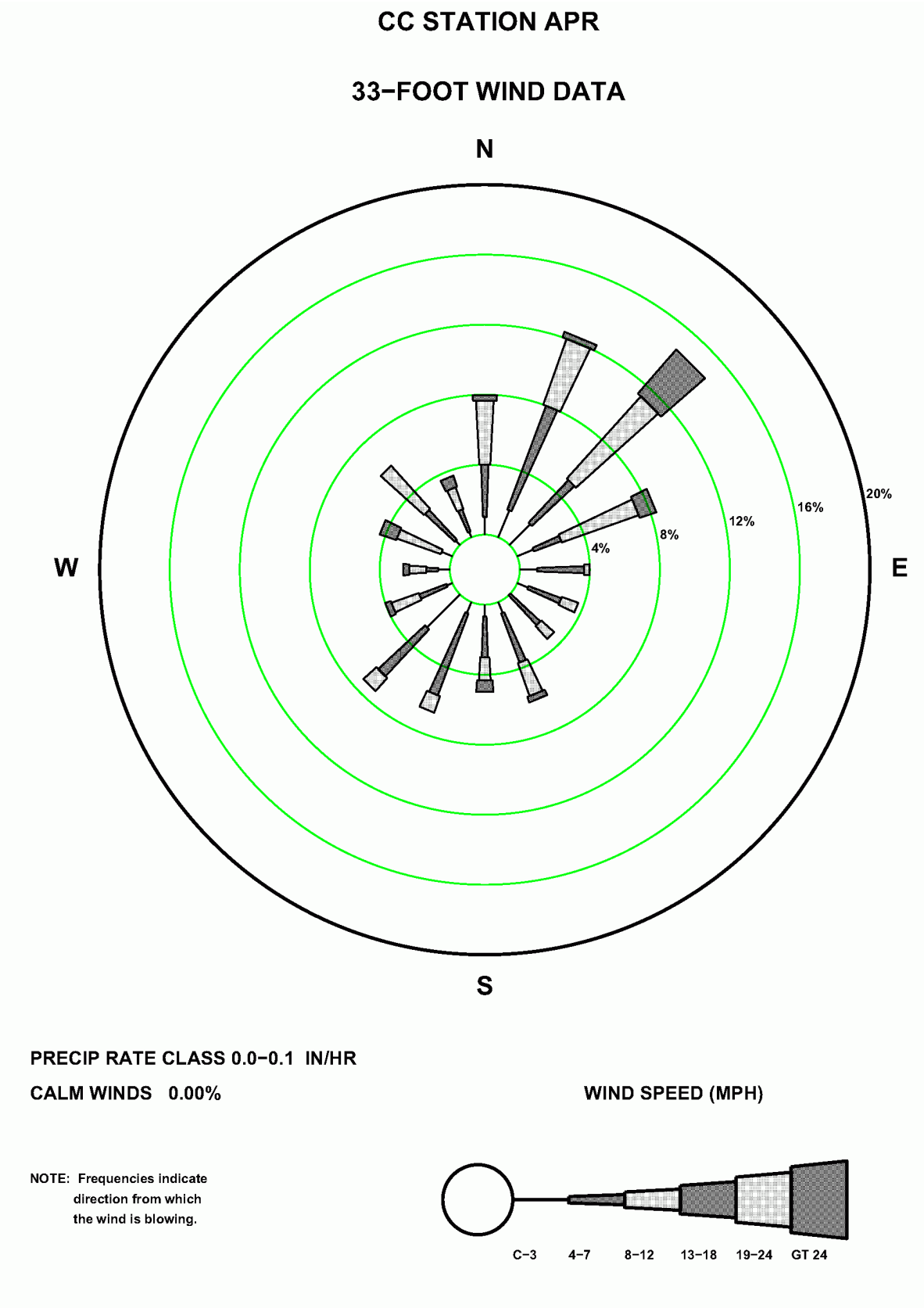

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Figure 2.7-45—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

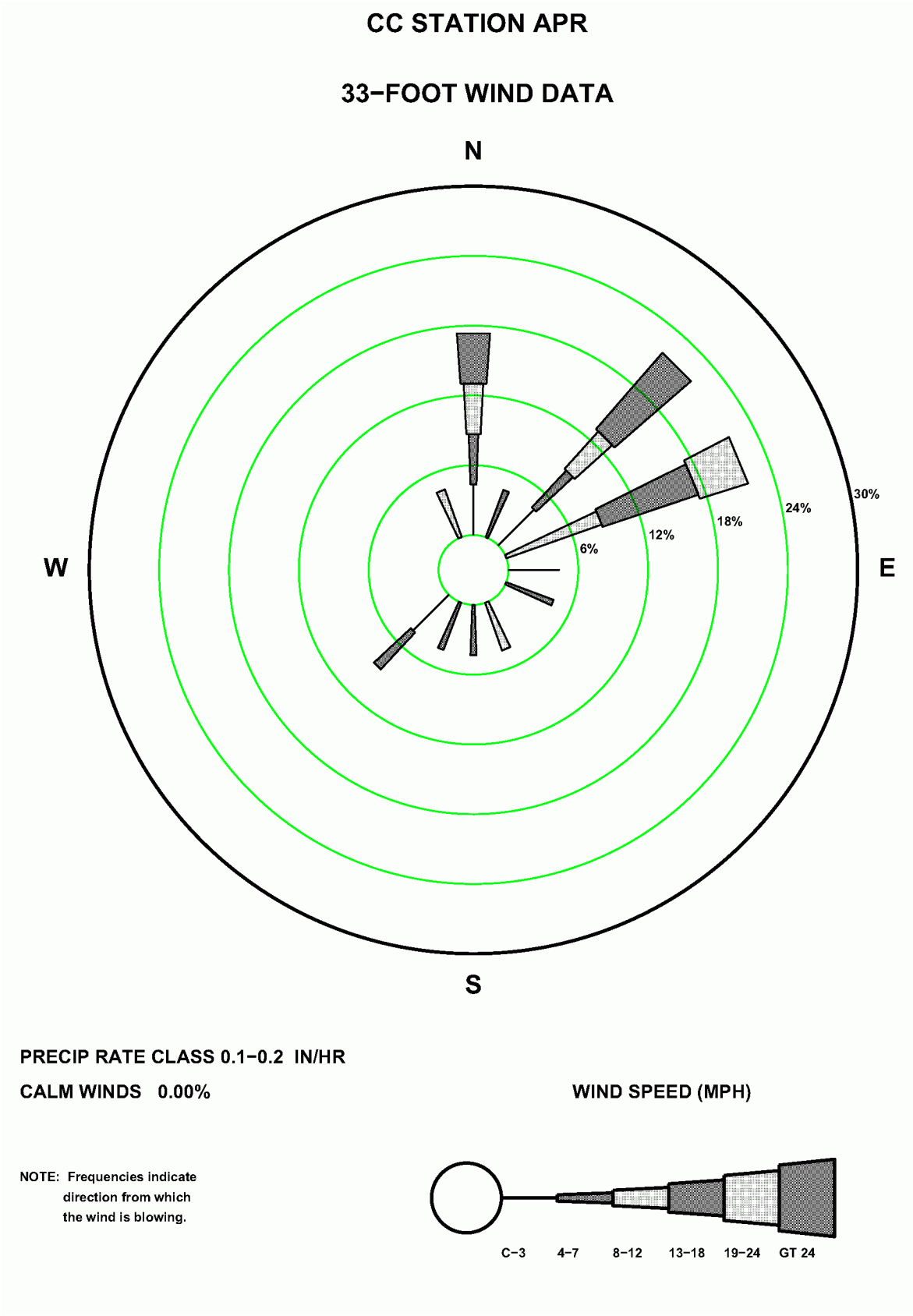

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Figure 2.7-46—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

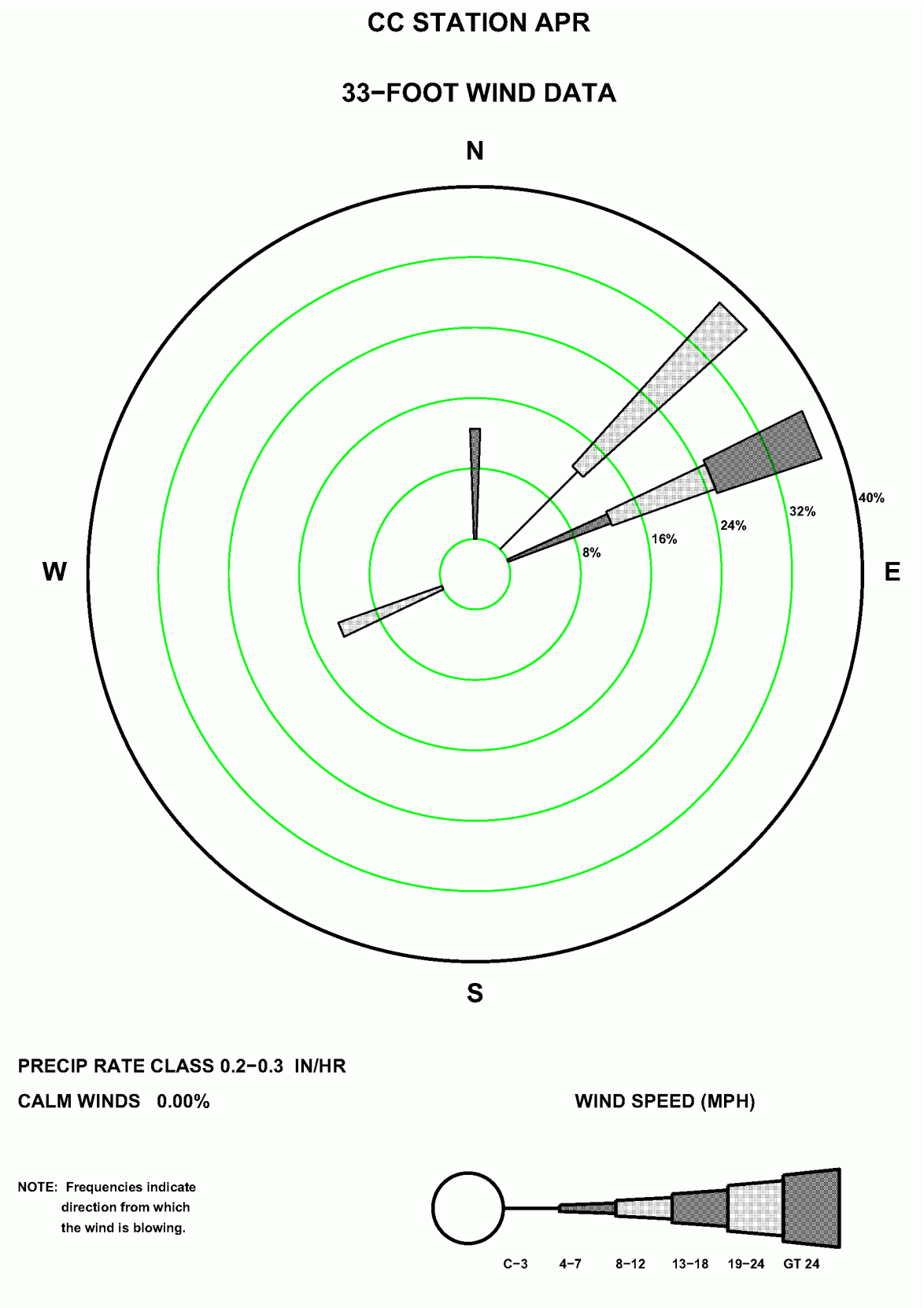

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Figure 2.7-47—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

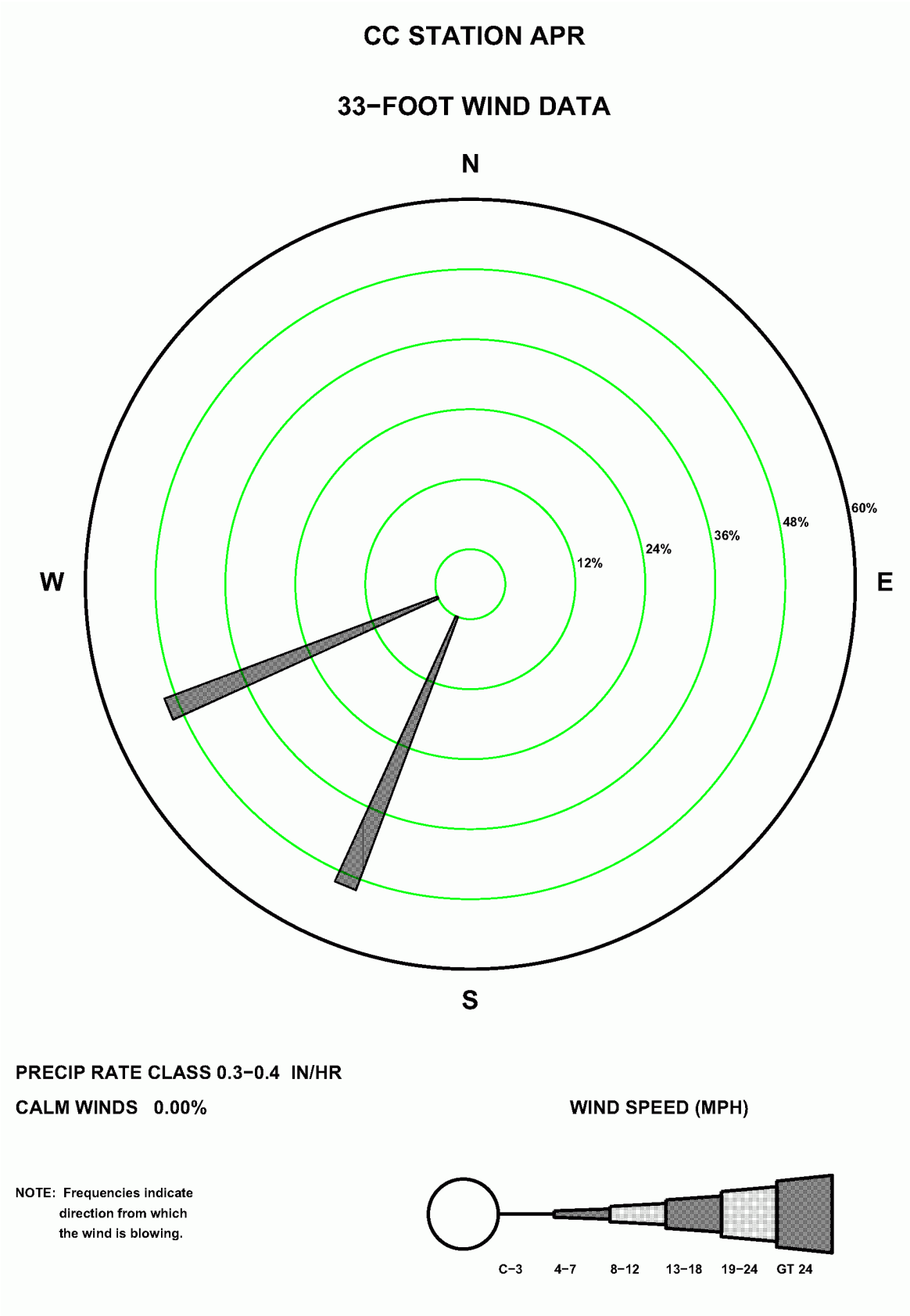

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Figure 2.7-48—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

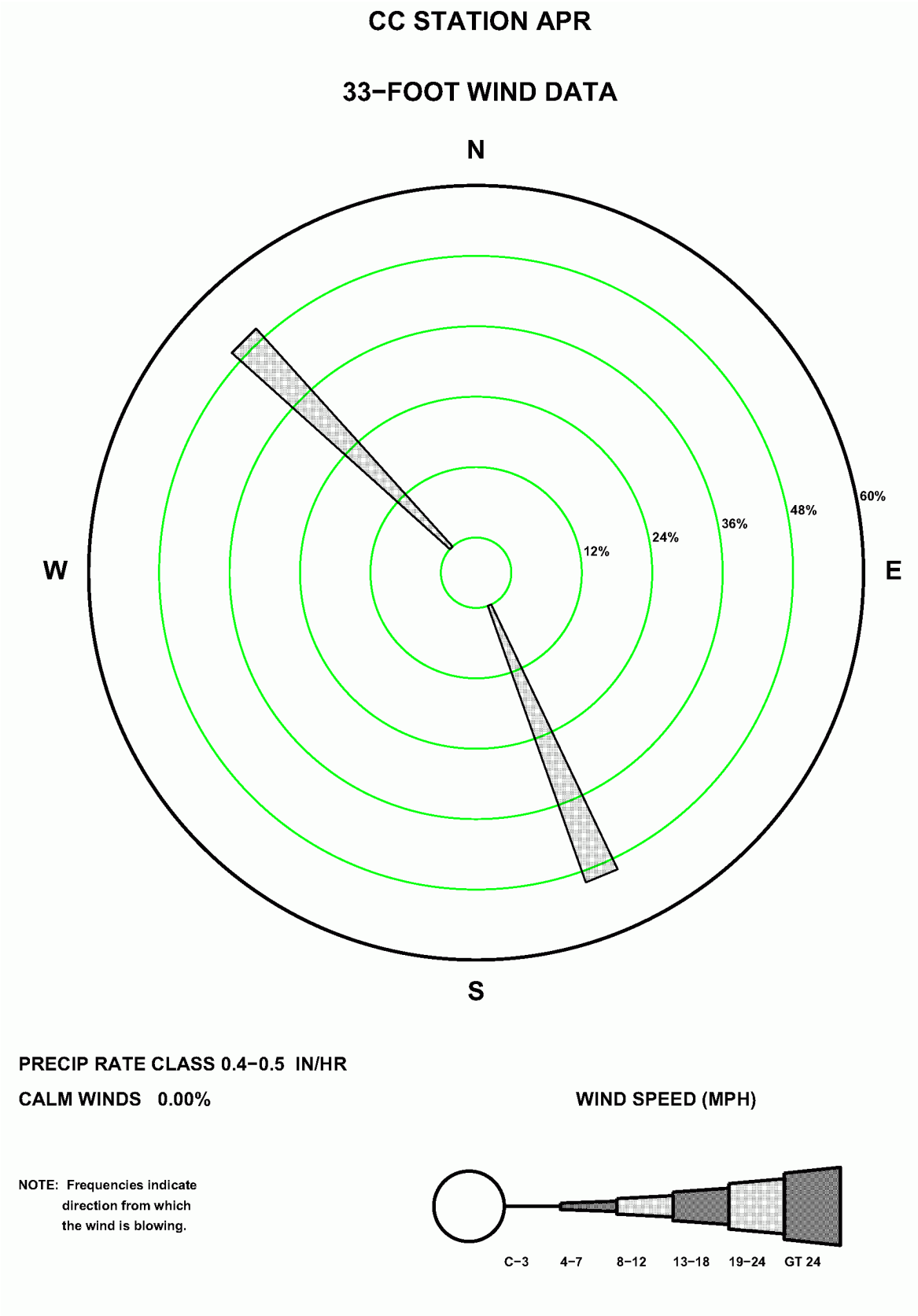

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Figure 2.7-49—CCNPP 33 ft April Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

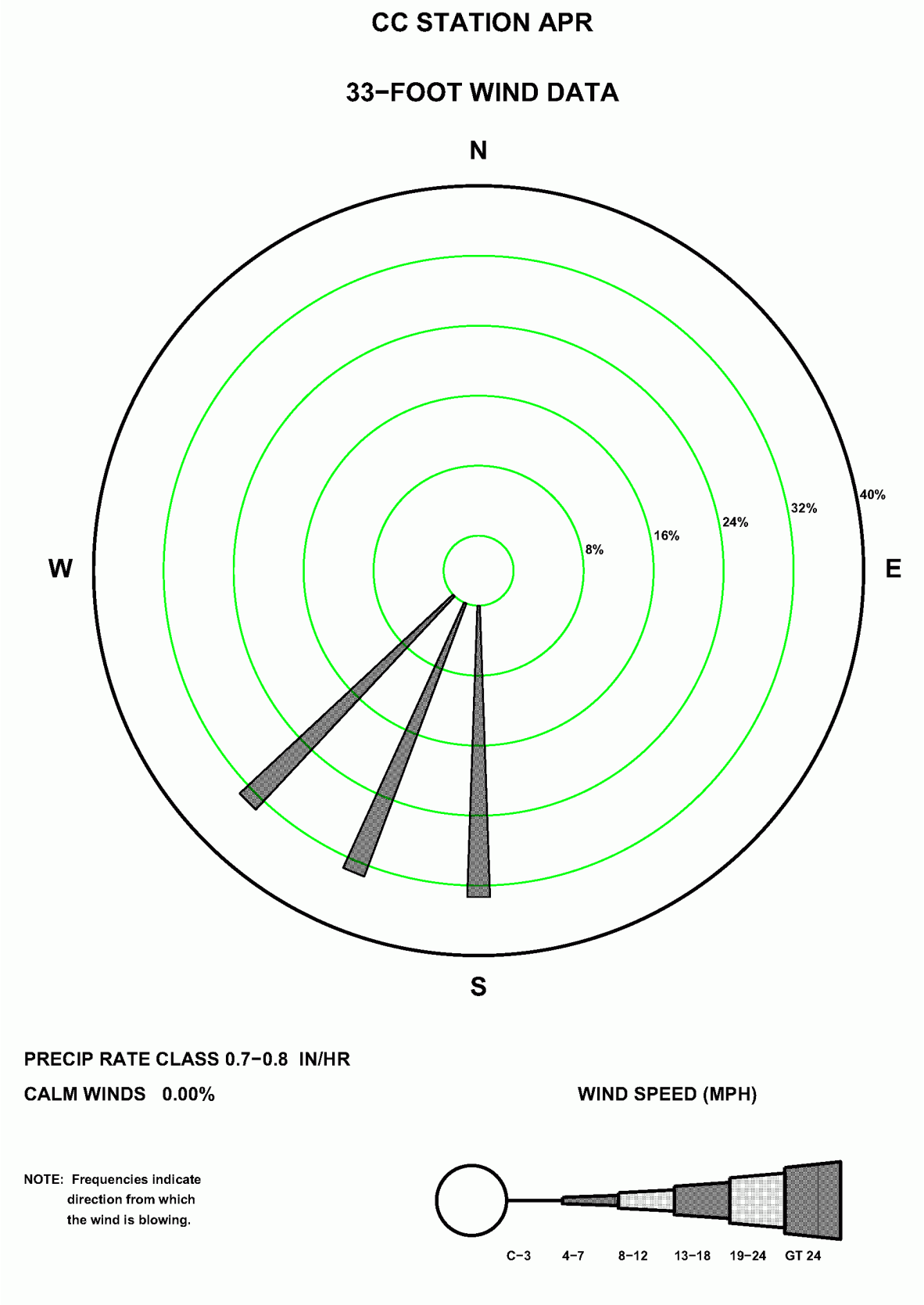

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Figure 2.7-50—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

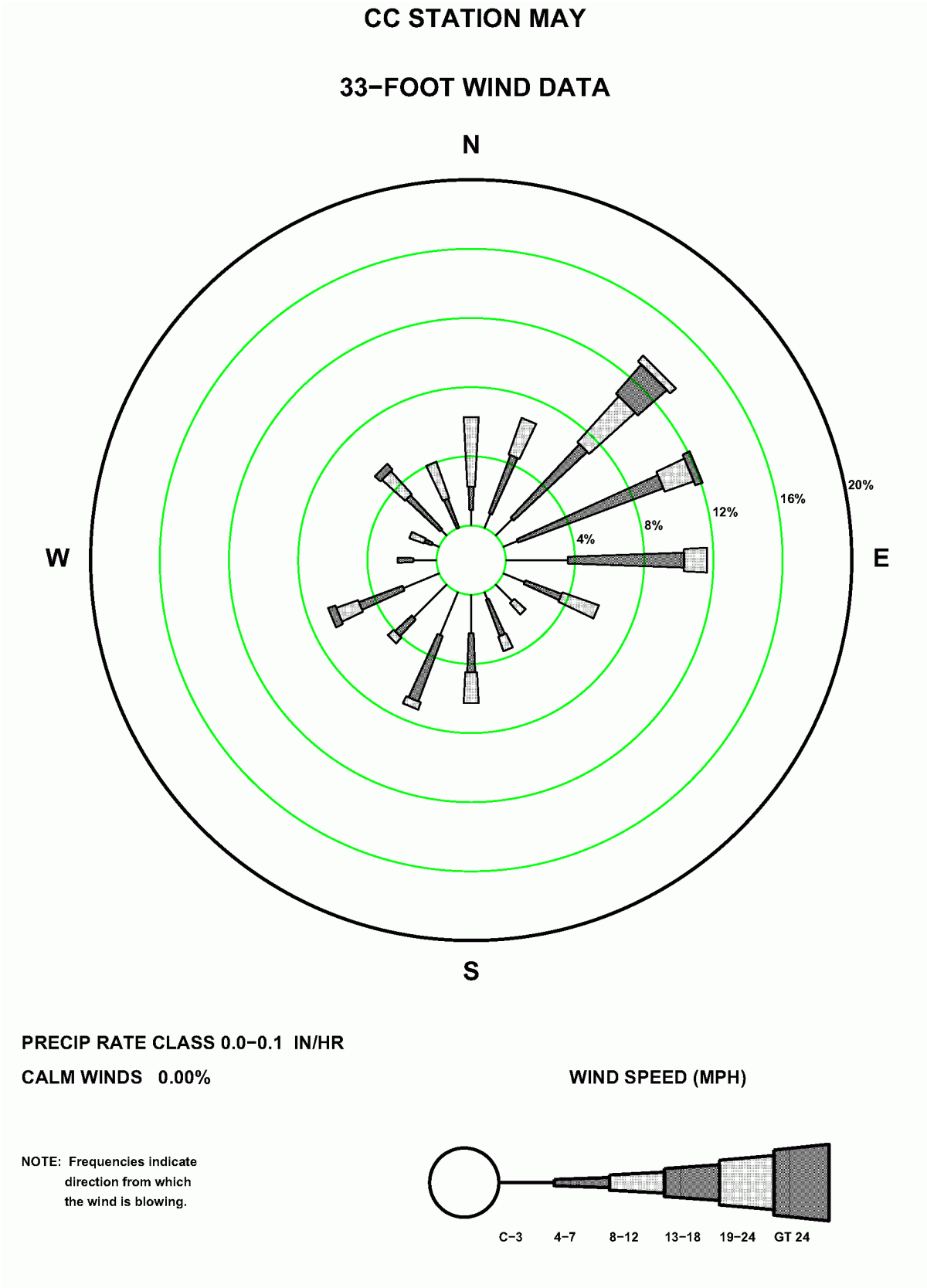

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Figure 2.7-51—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

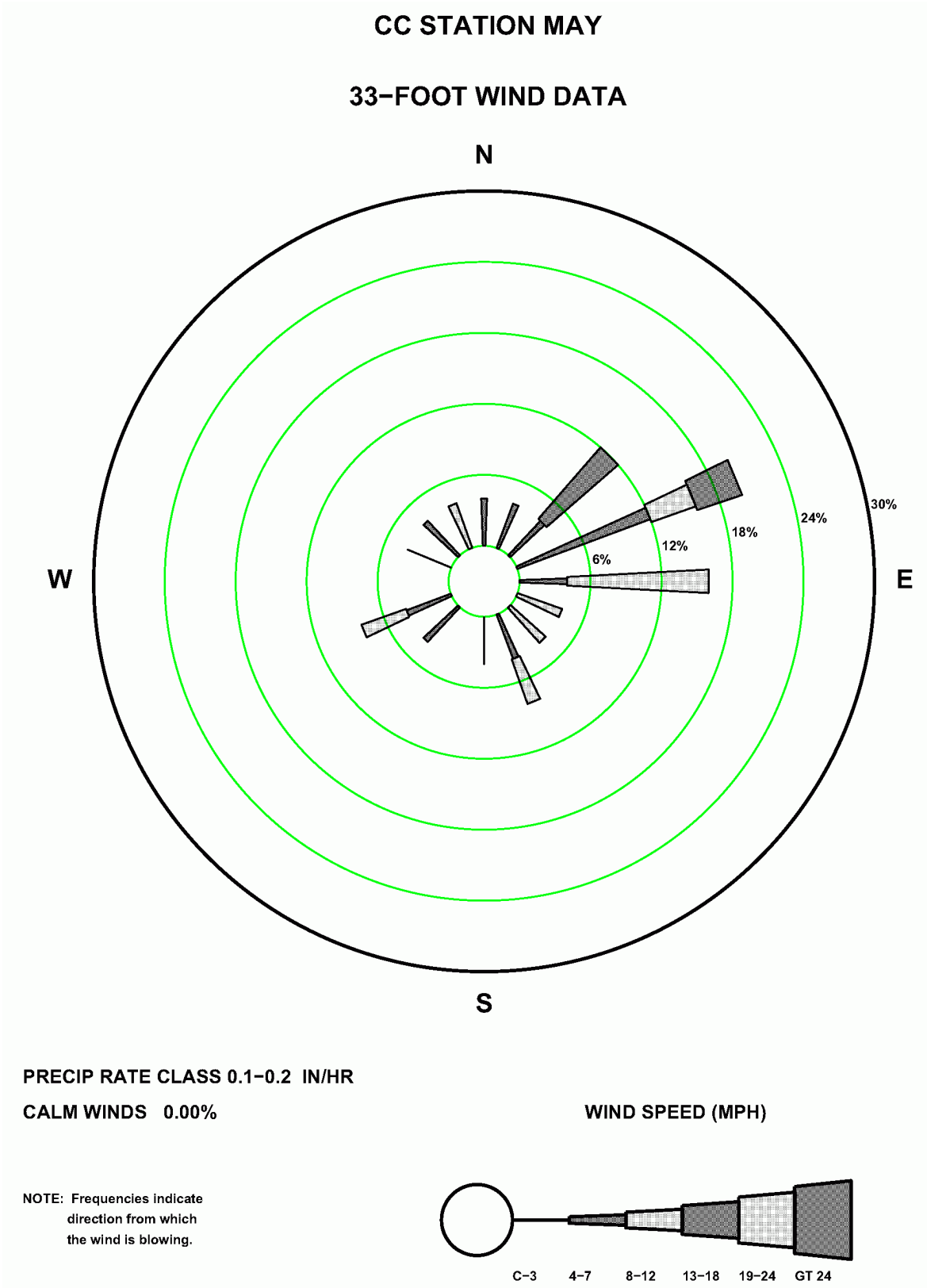

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Figure 2.7-52—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

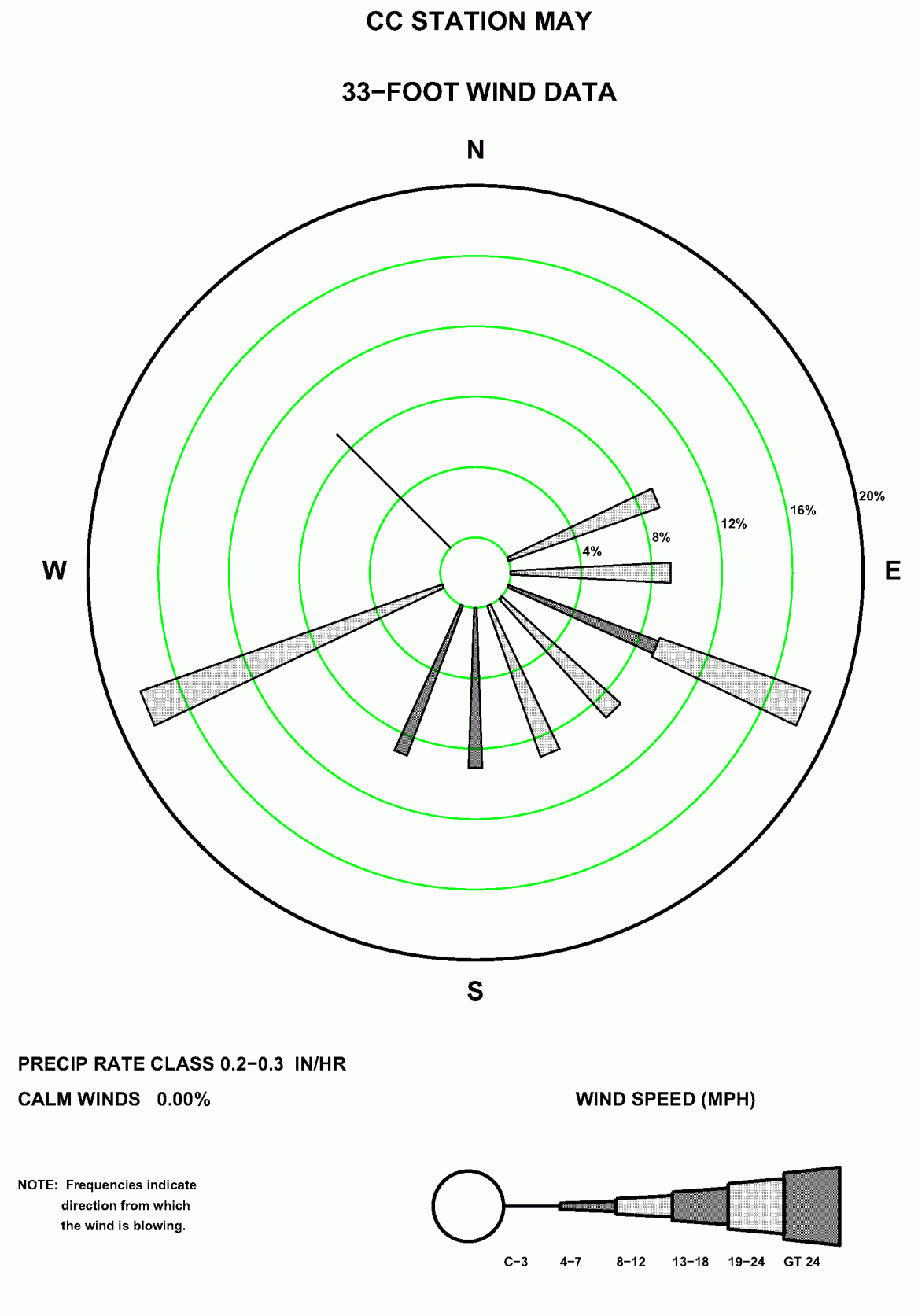

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Figure 2.7-53—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

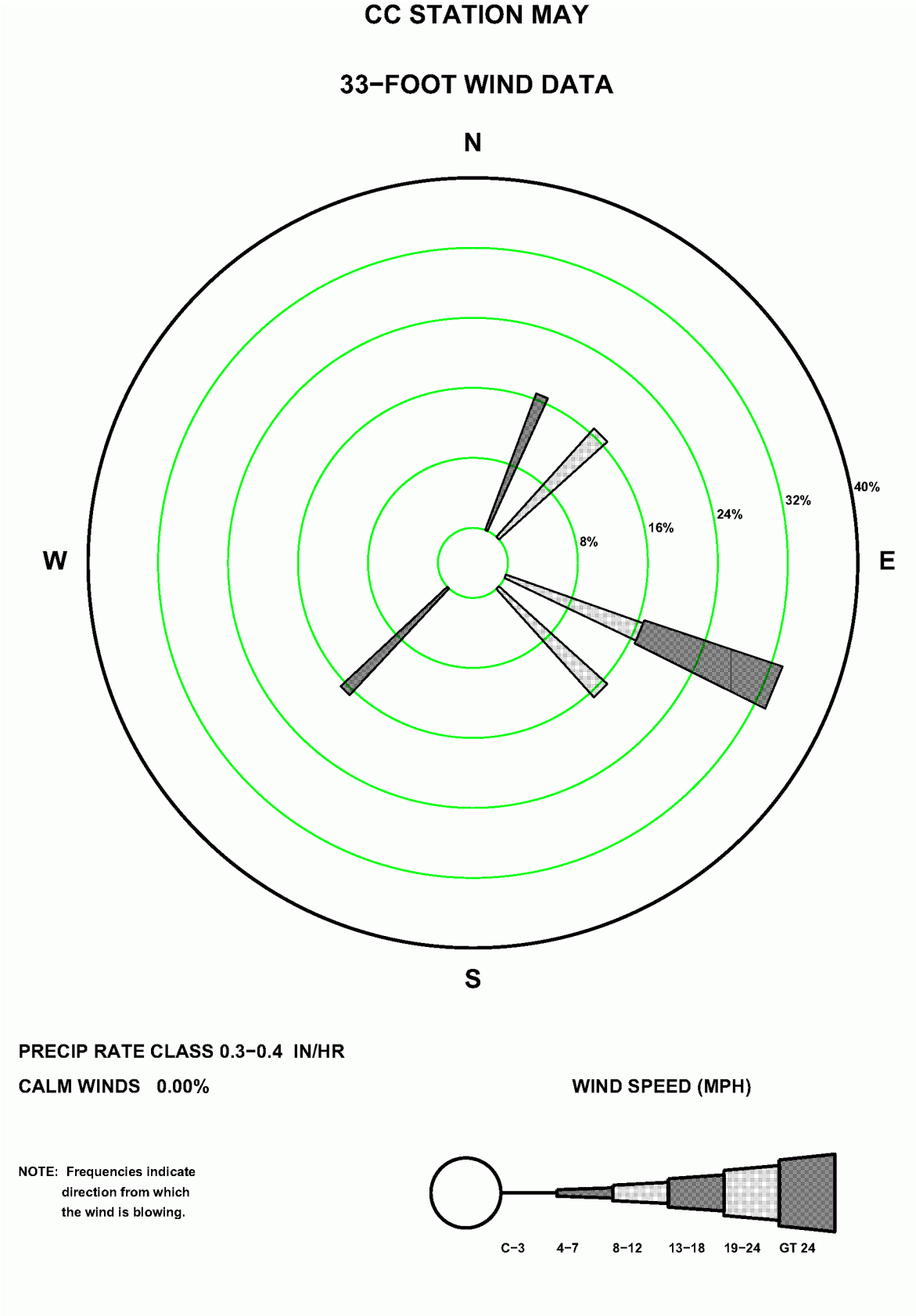

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Figure 2.7-54—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

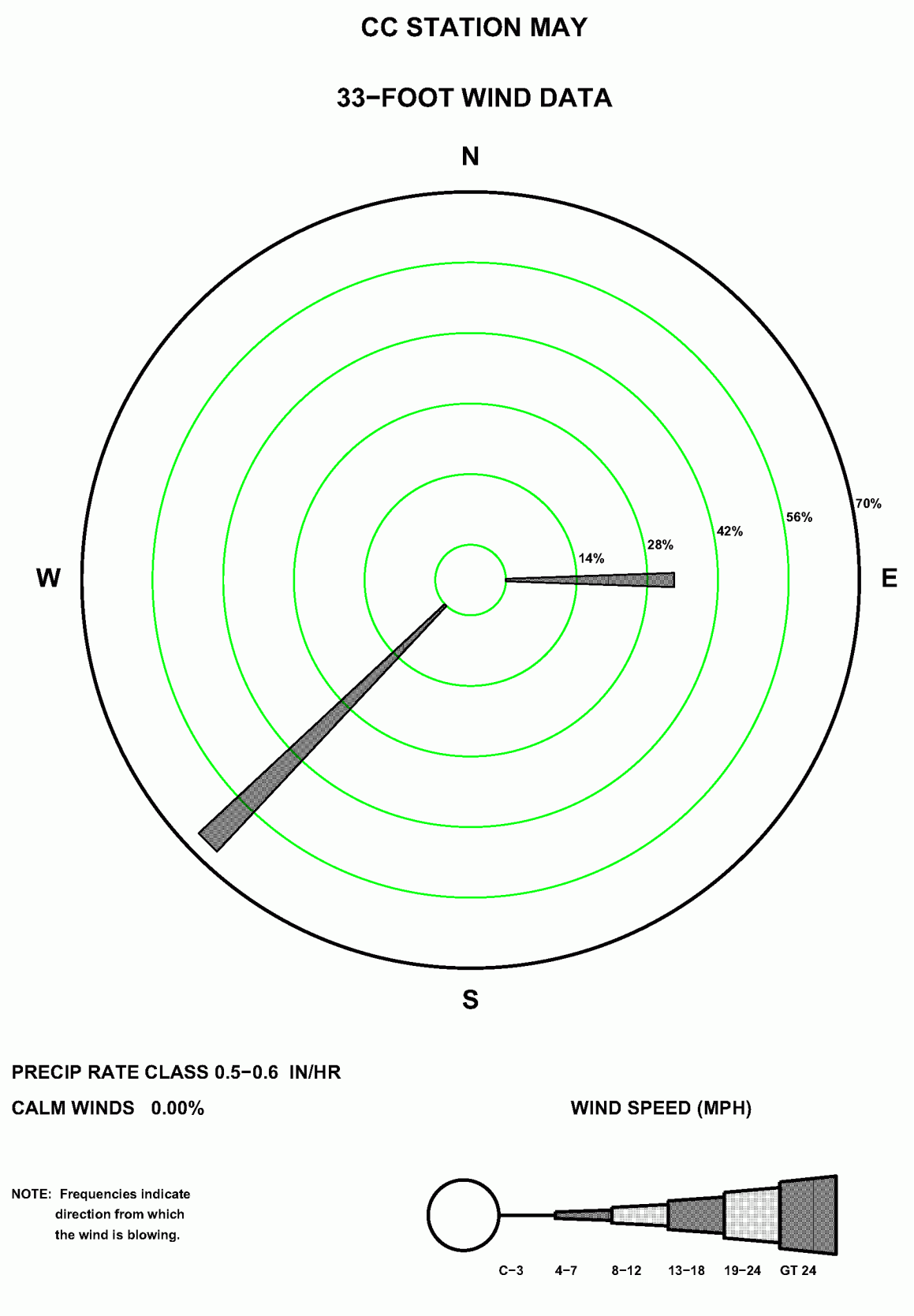

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Figure 2.7-55—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

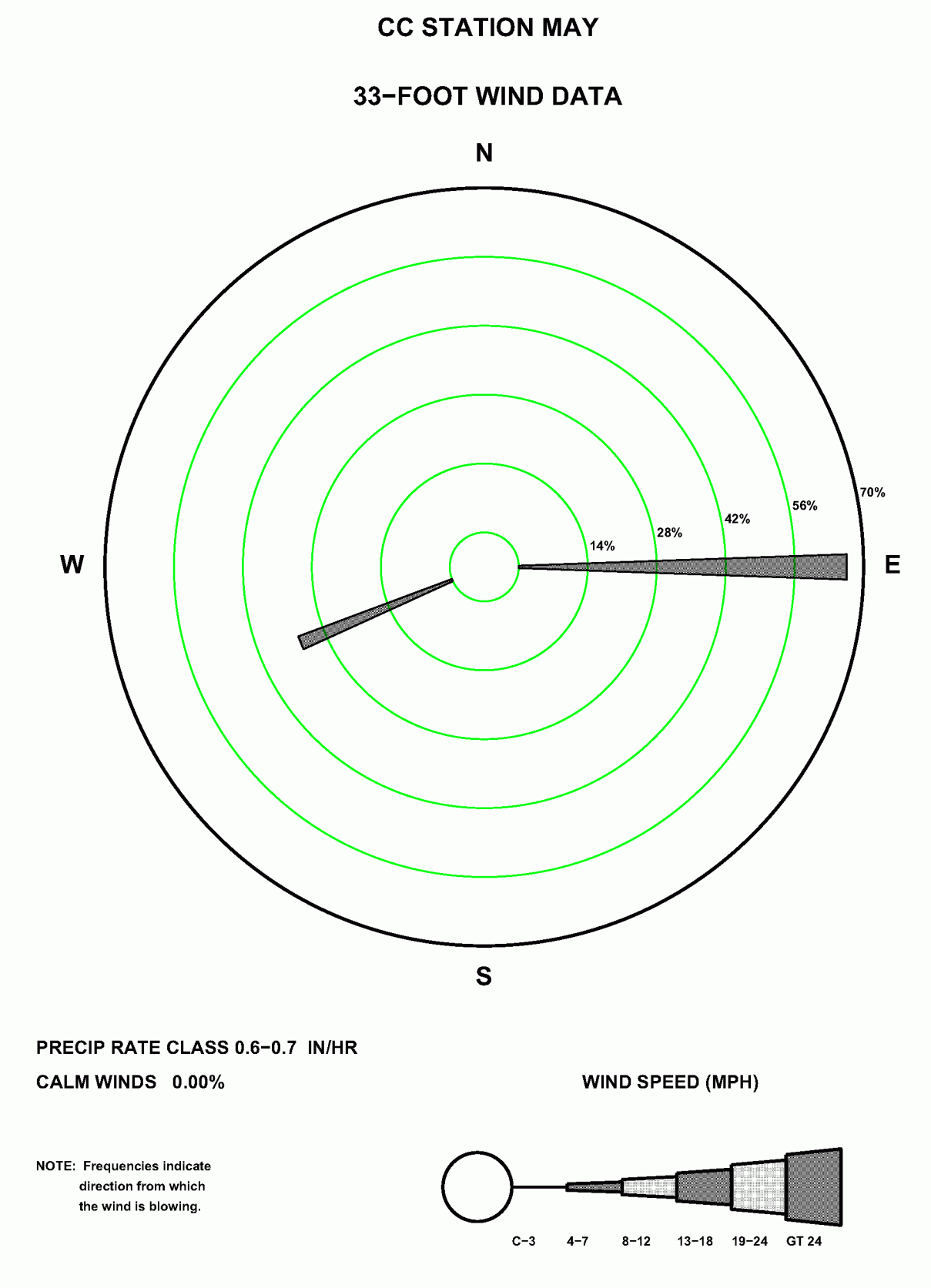

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Figure 2.7-56—CCNPP 33 ft May Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr

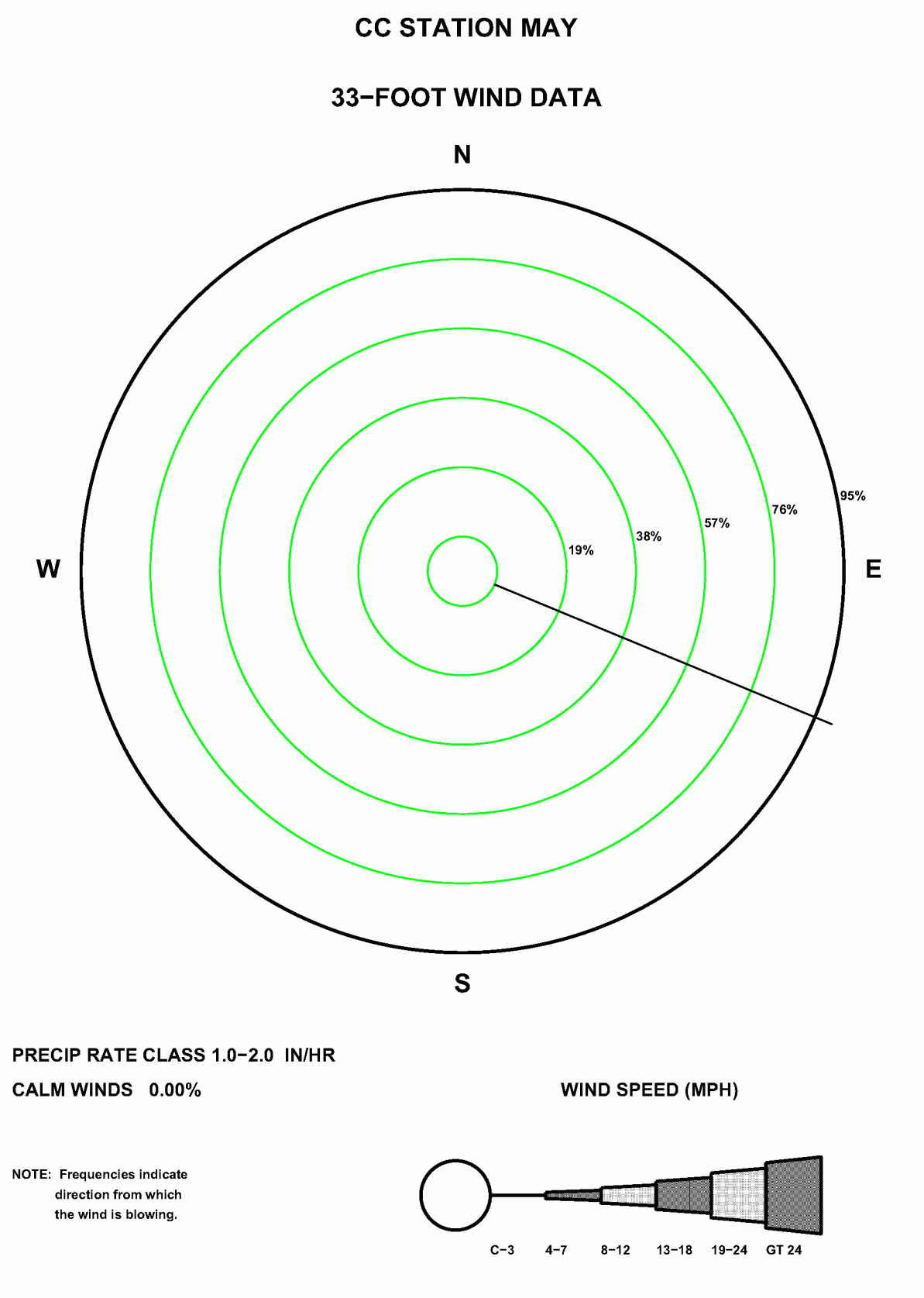

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Figure 2.7-57—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

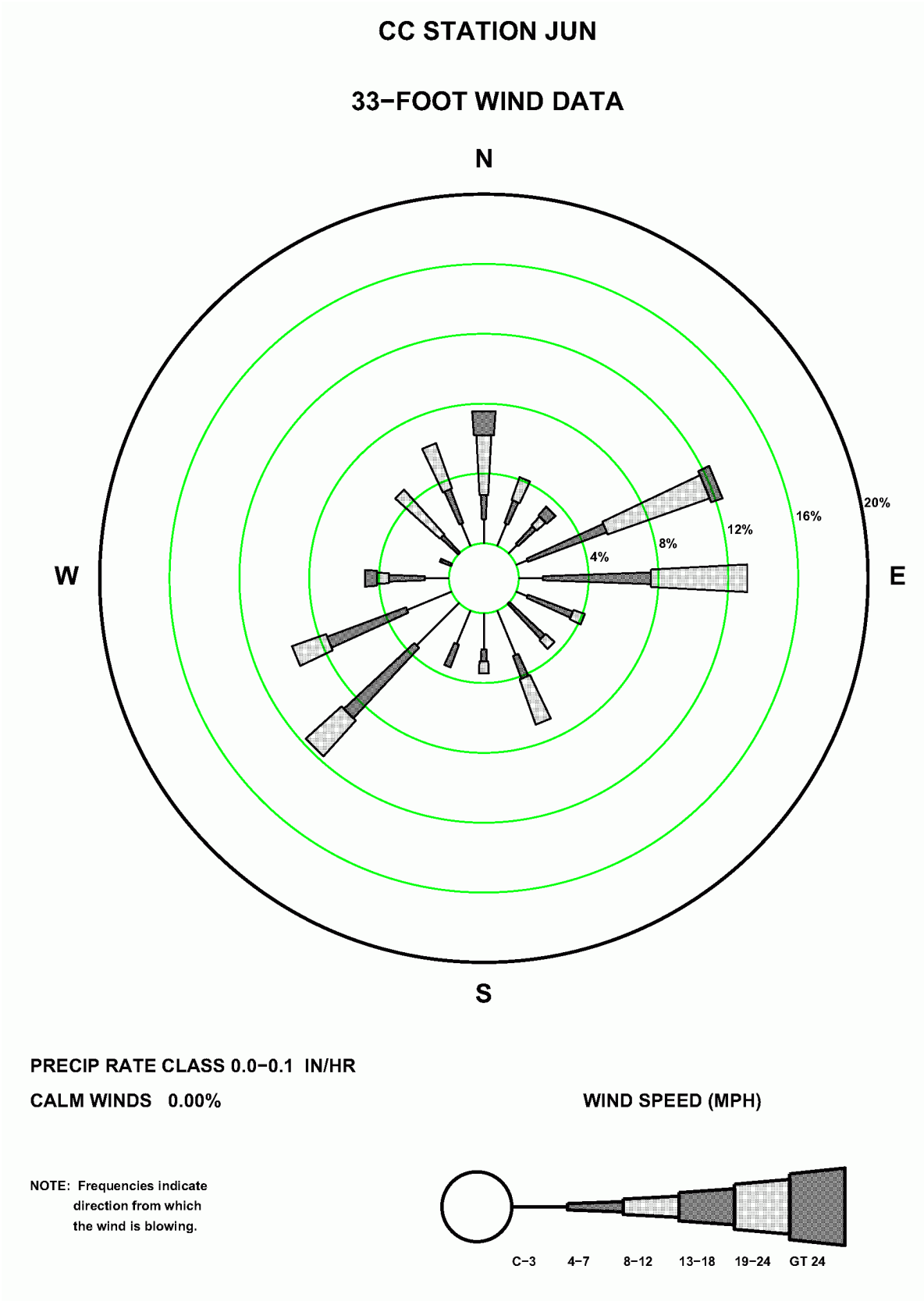

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Figure 2.7-58—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

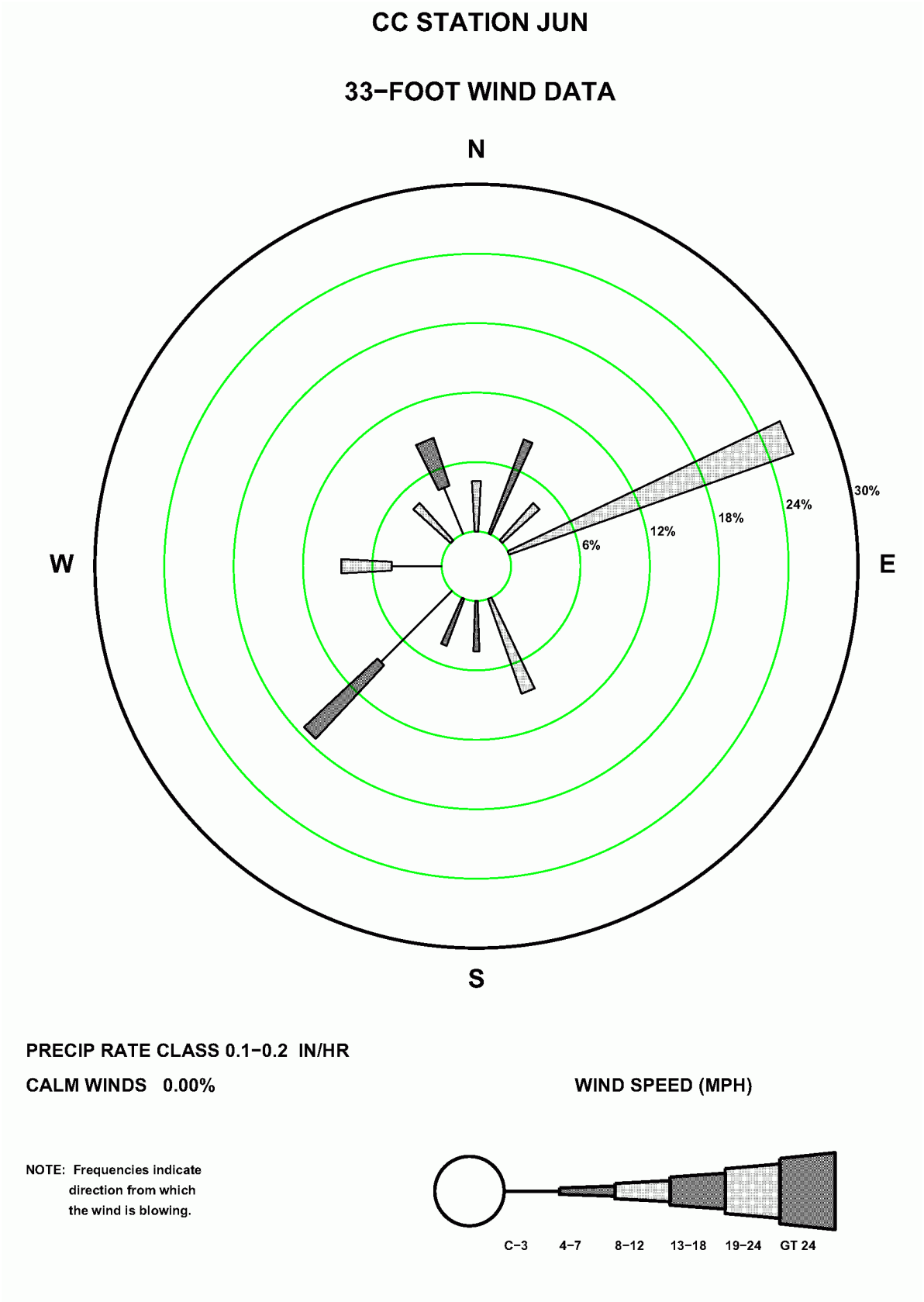

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Figure 2.7-59—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

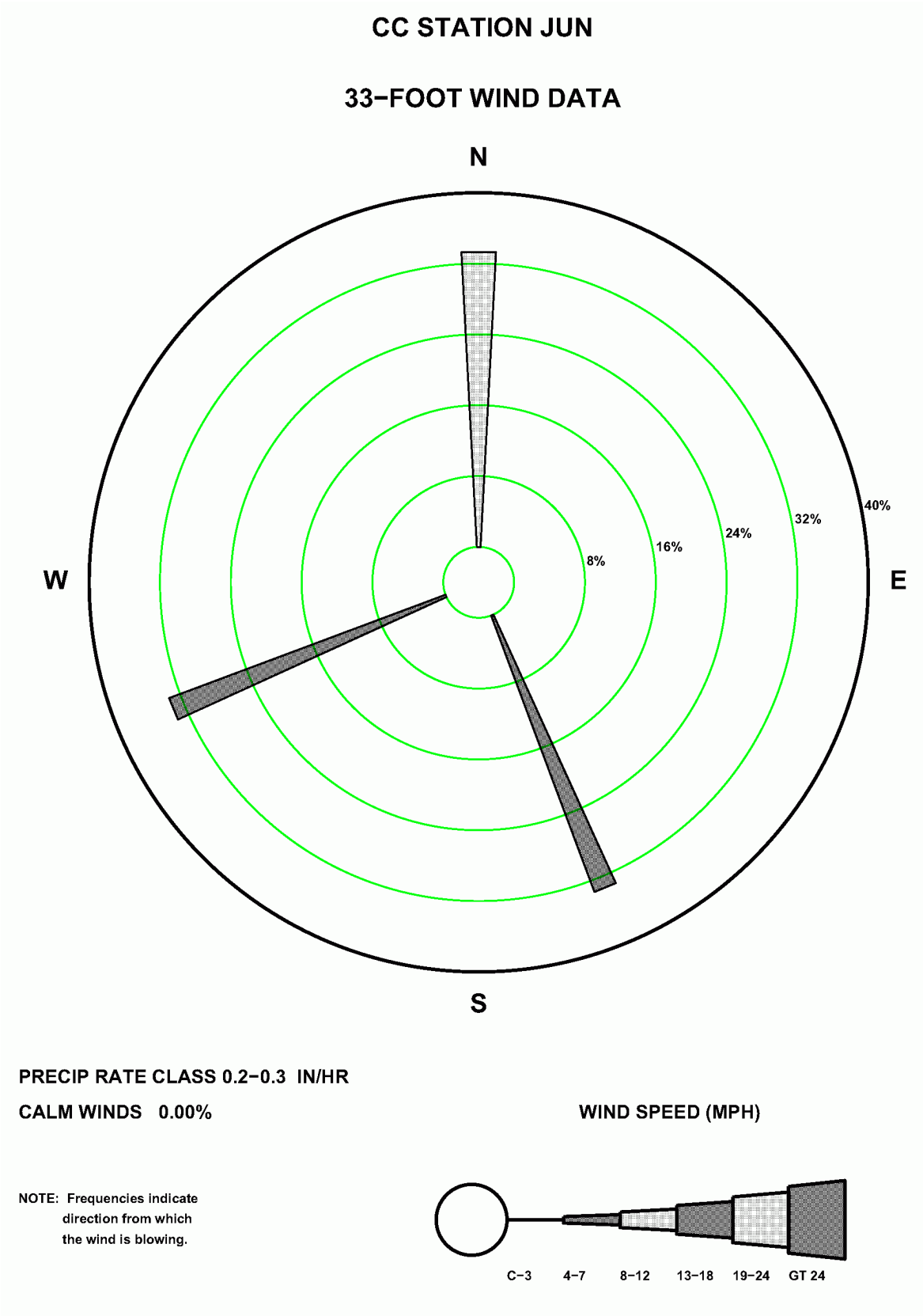

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Figure 2.7-60—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

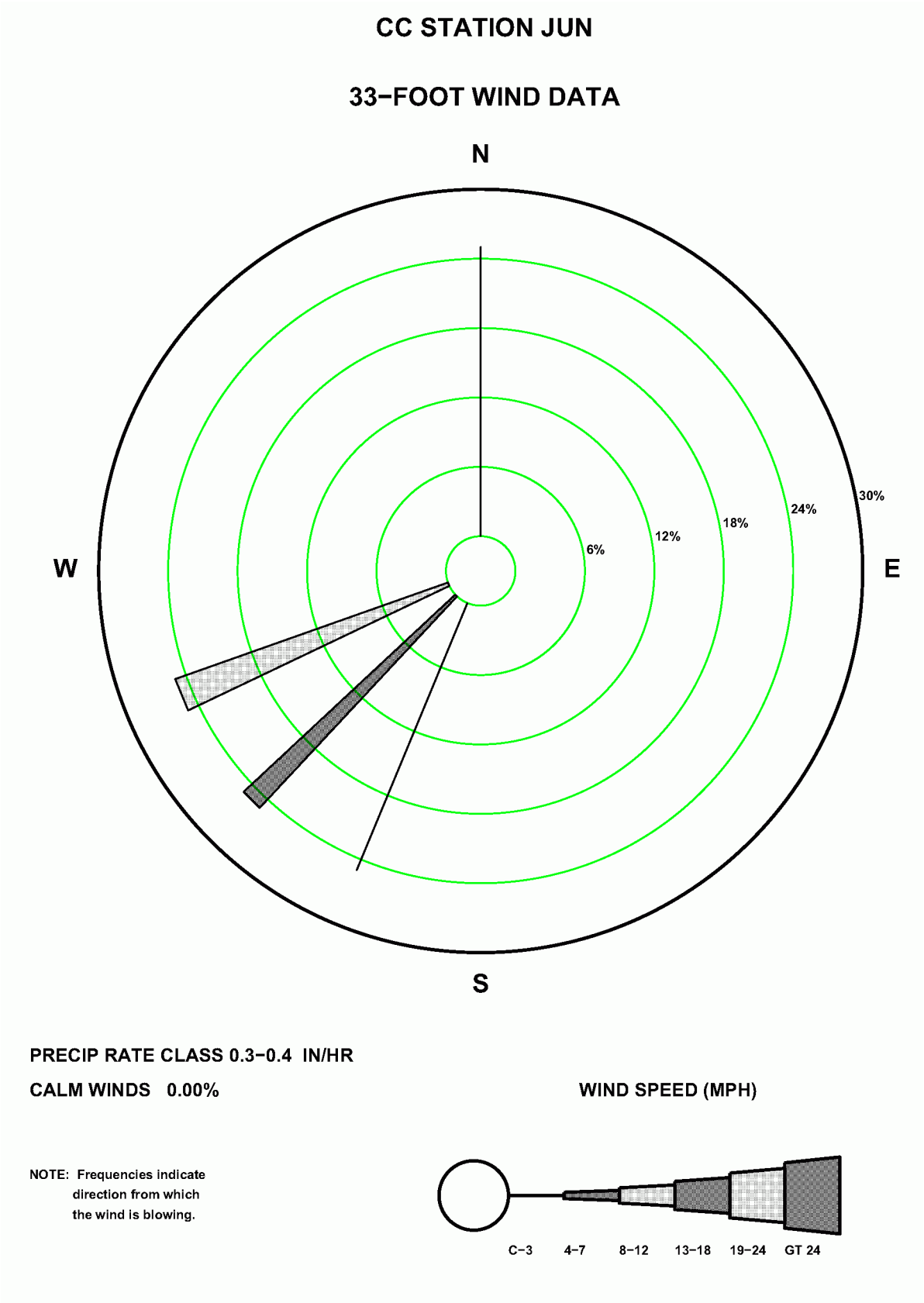

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Figure 2.7-61—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

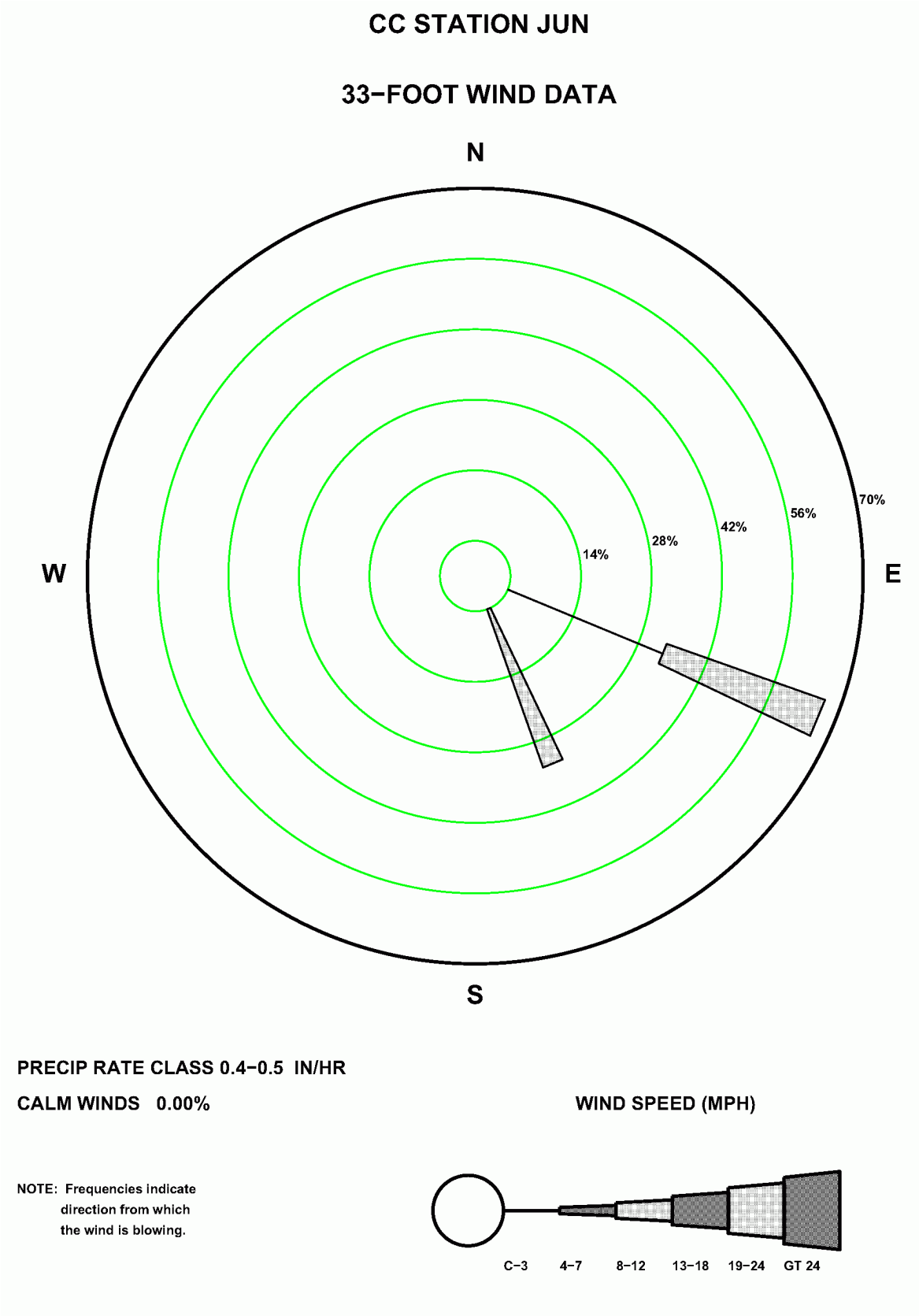

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Figure 2.7-62—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

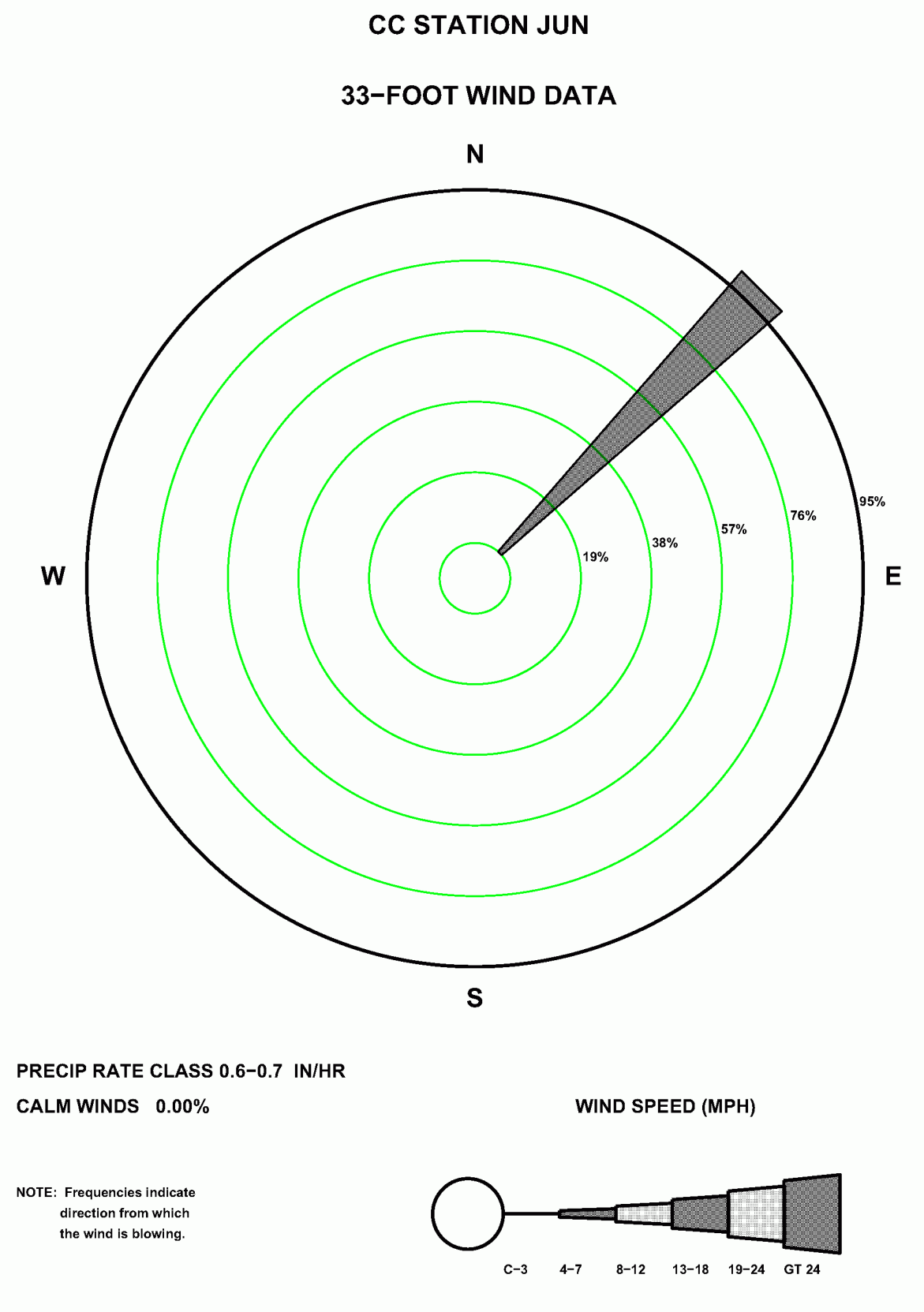

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Figure 2.7-63—CCNPP 33 ft June Precipitation Wind Rose for Rate Class 1.0-2.0 in/hr

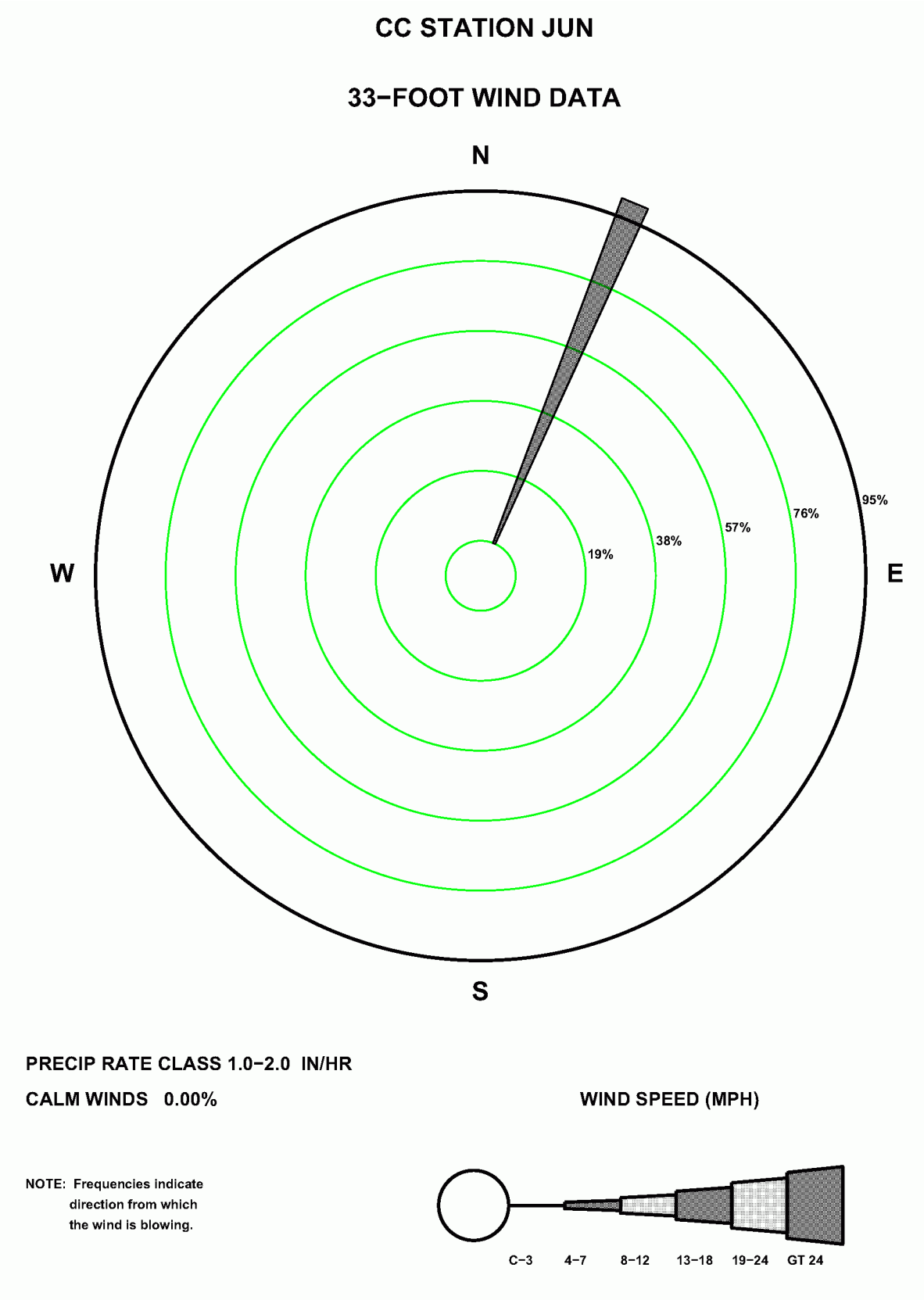

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Figure 2.7-64—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

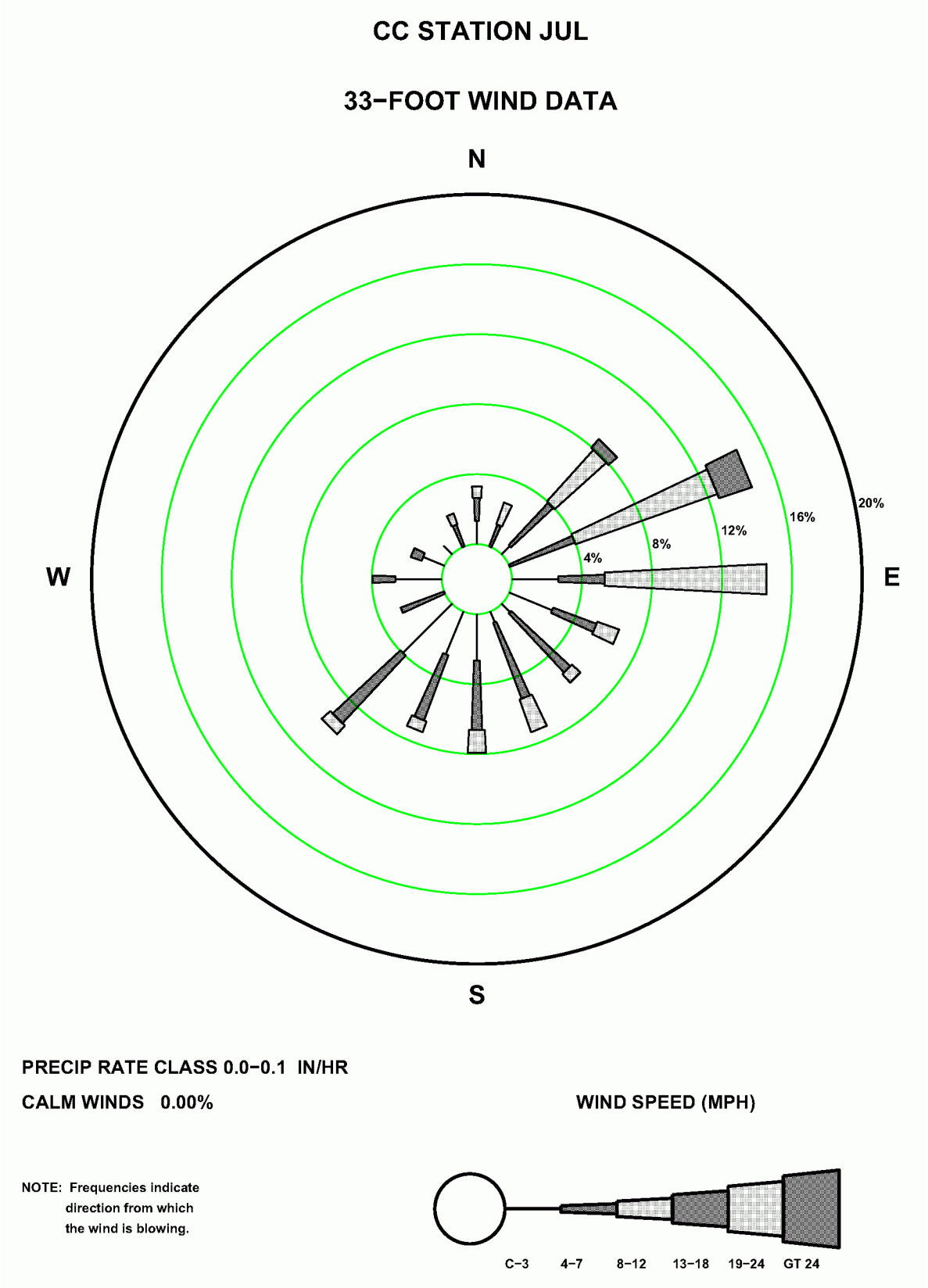

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Figure 2.7-65—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

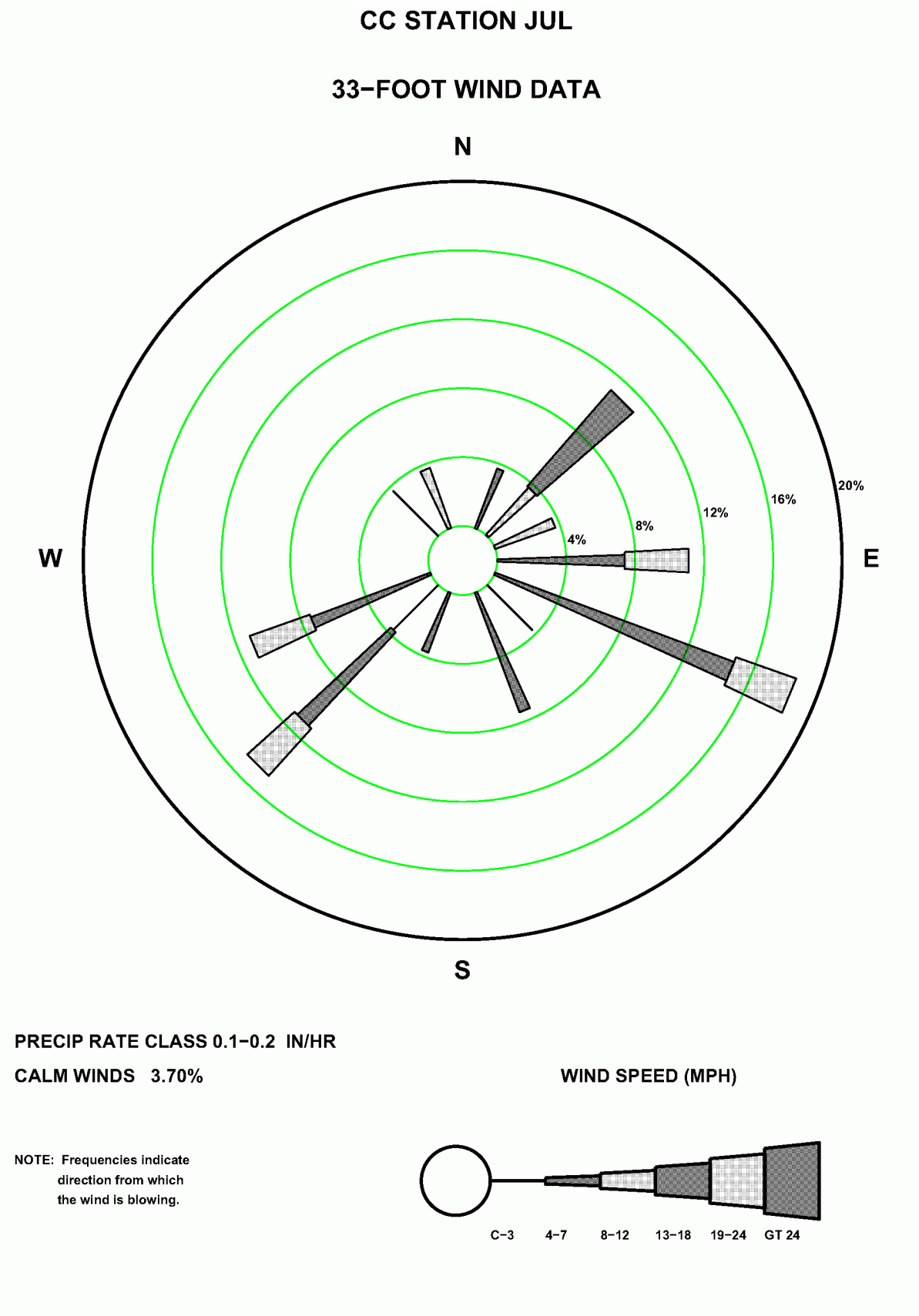

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Figure 2.7-66—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

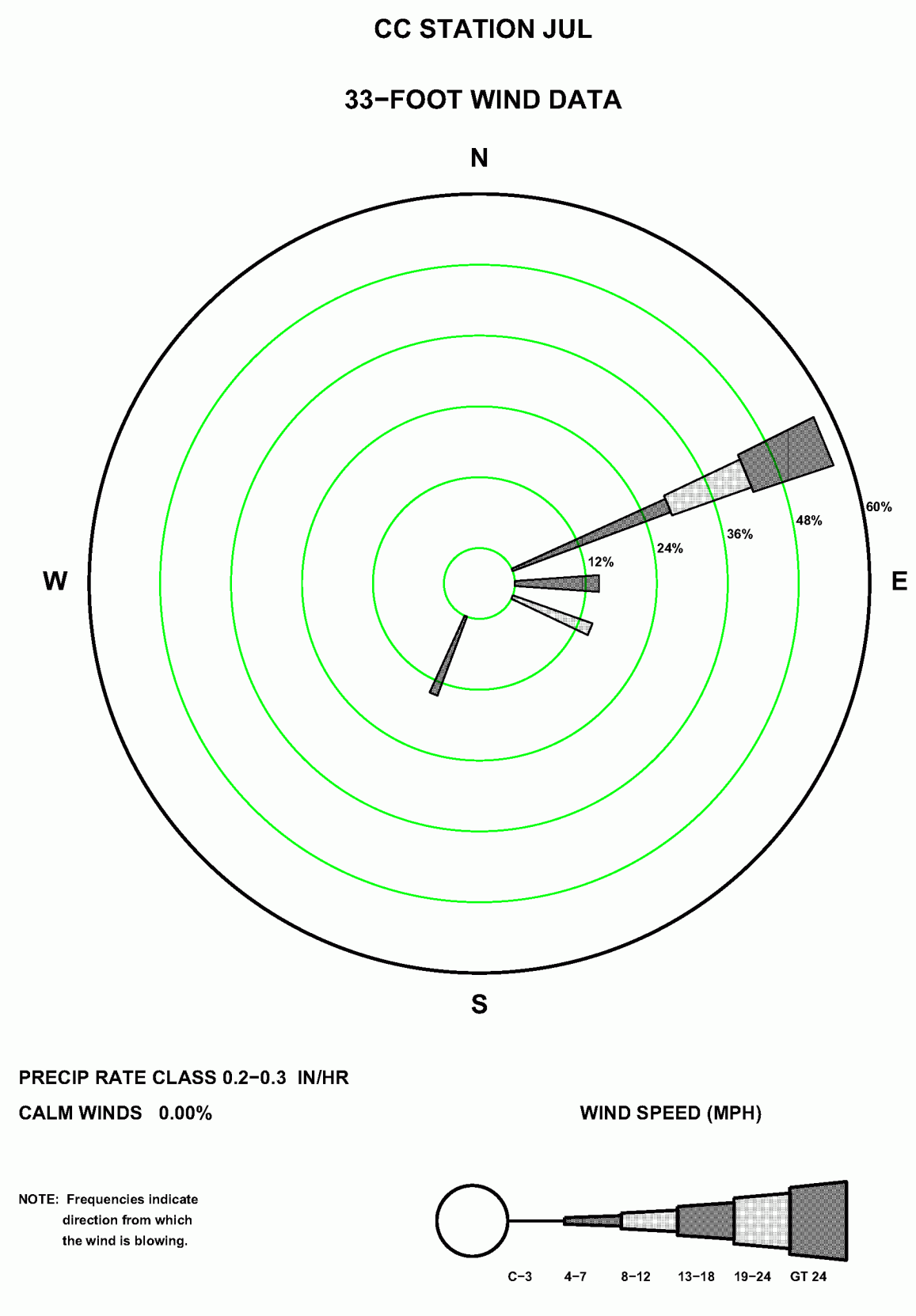

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Figure 2.7-67—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

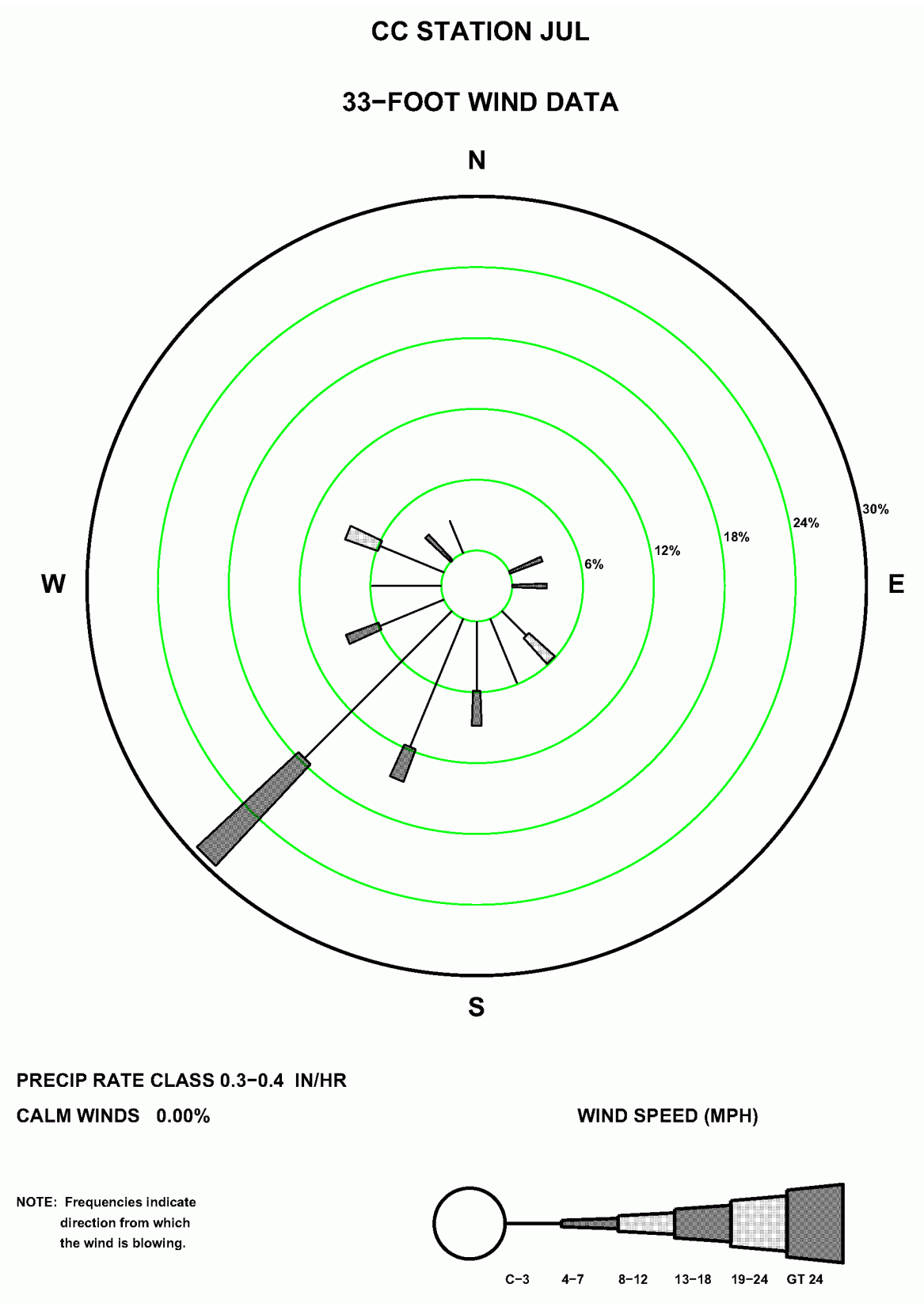

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Figure 2.7-68—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

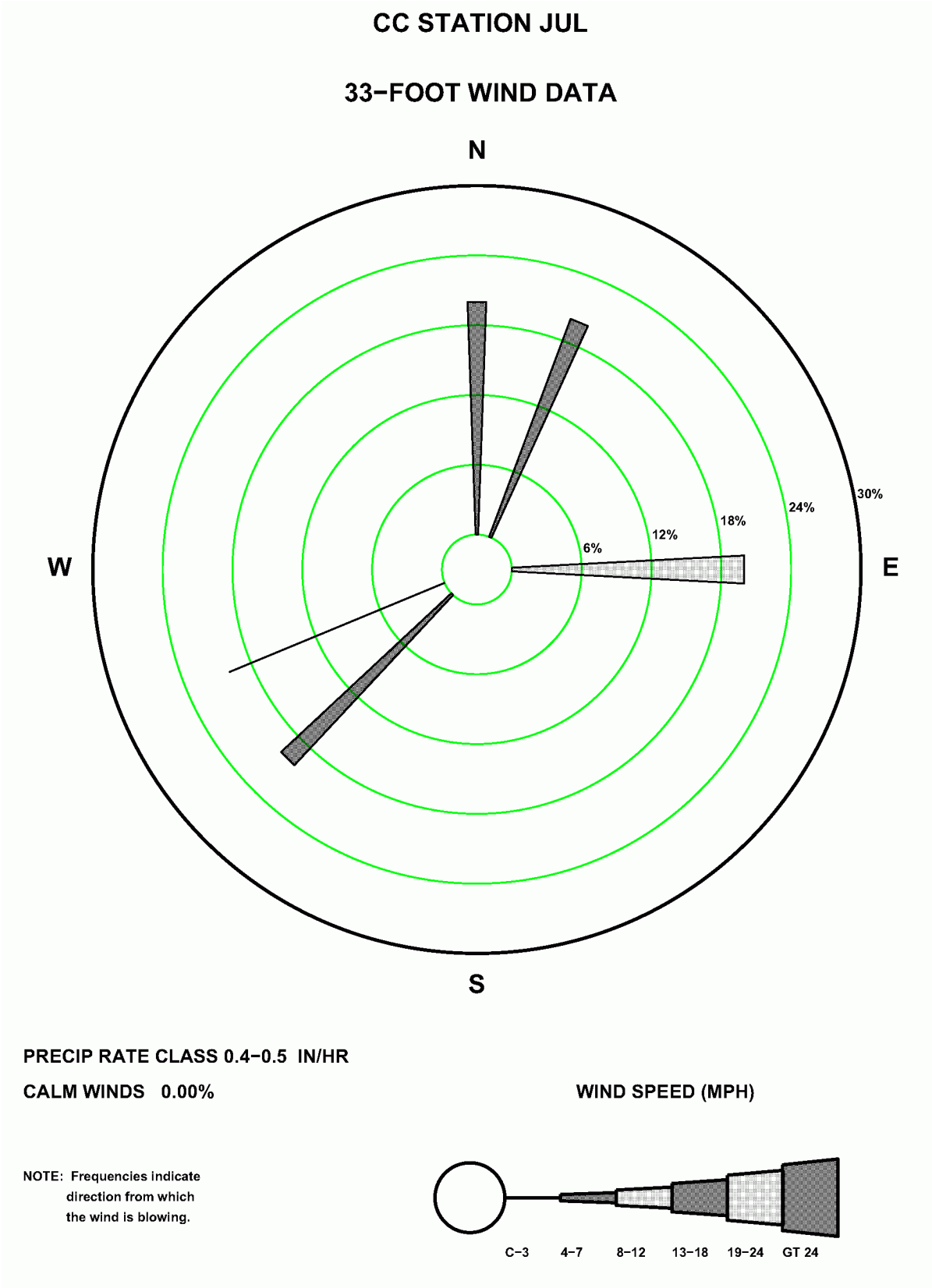

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Figure 2.7-69—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

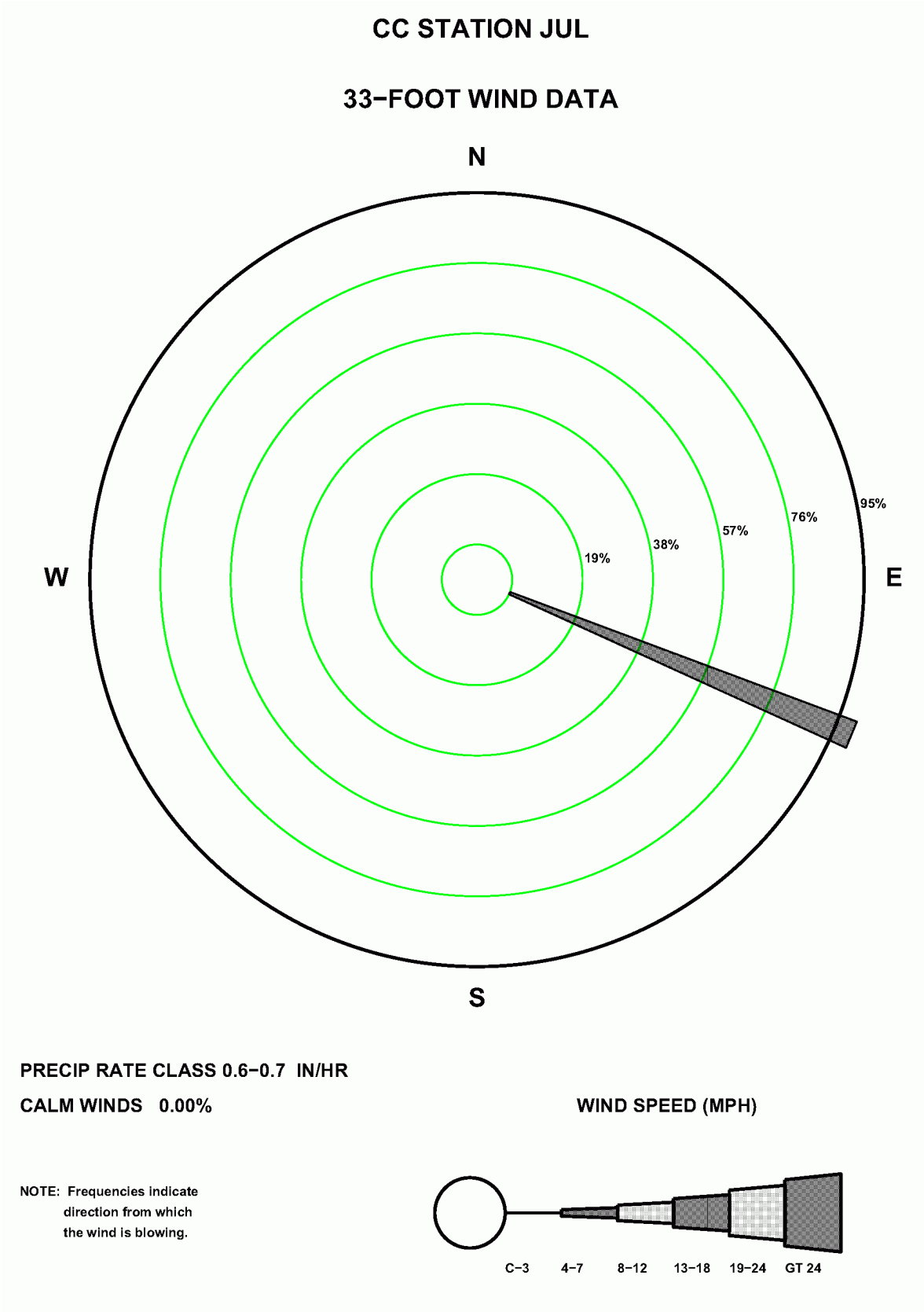

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Figure 2.7-70—CCNPP 33 ft July Precipitation Wind Rose for Rate Class 0.8-0.9 in/hr

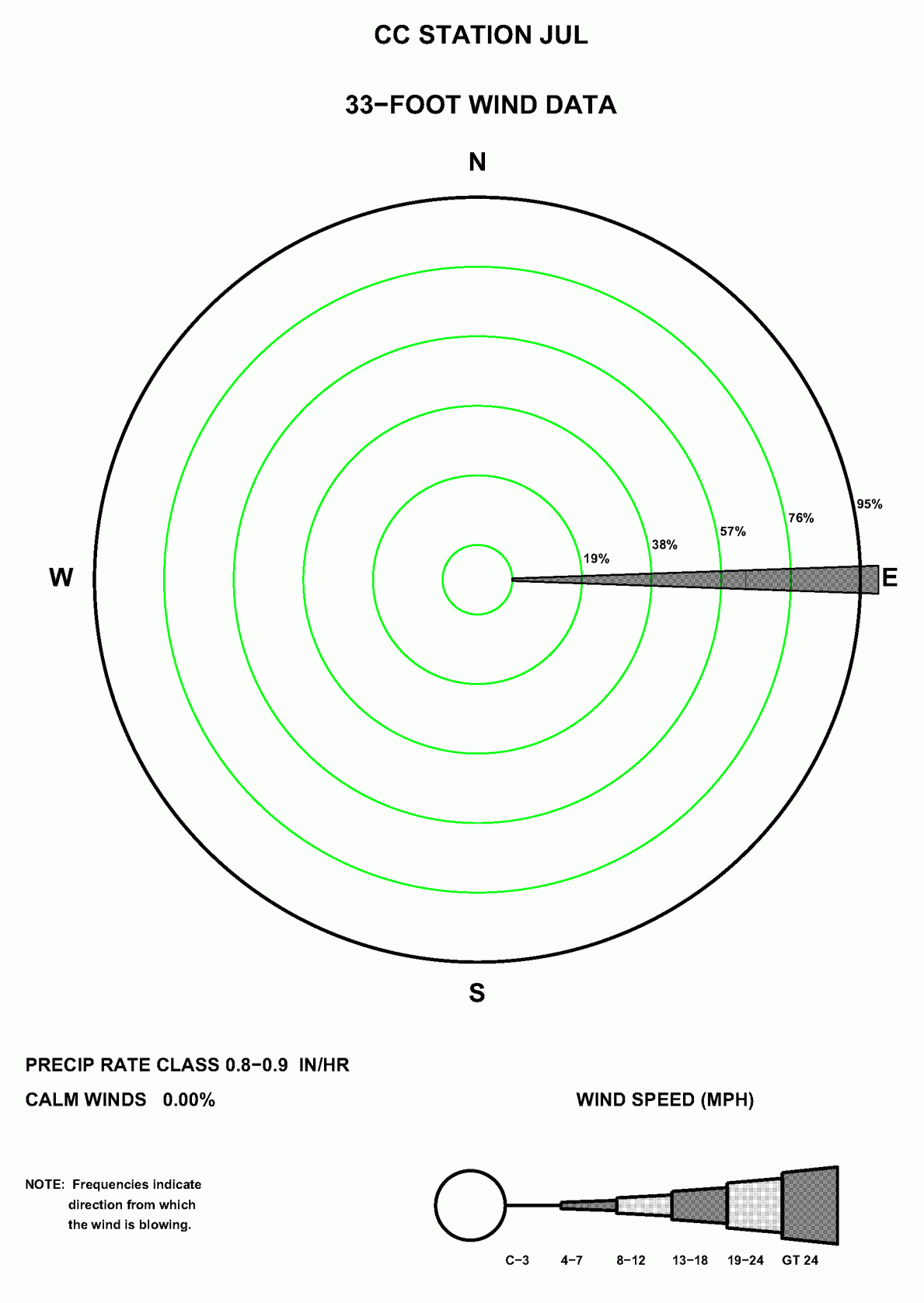

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Figure 2.7-71—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

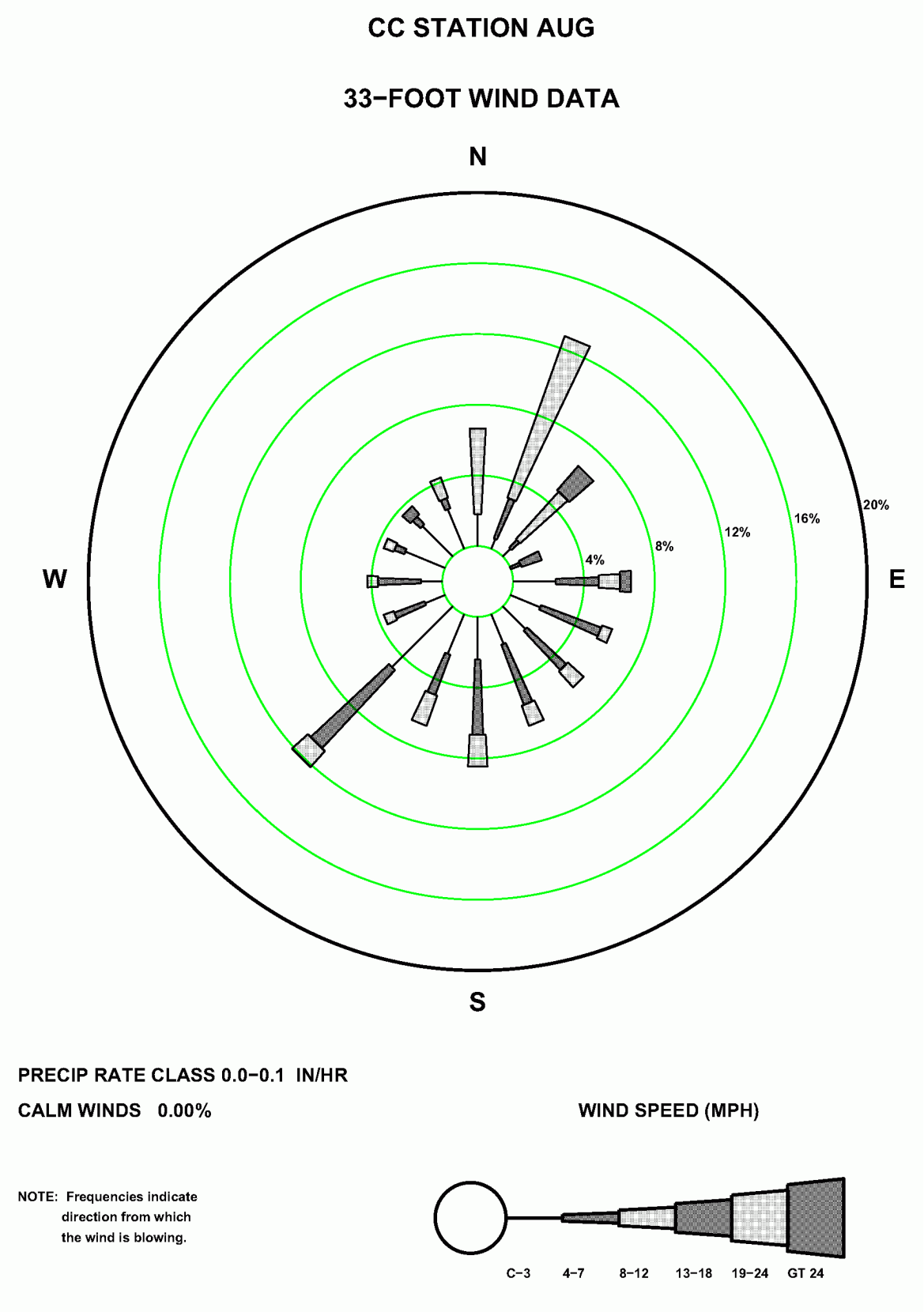

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Figure 2.7-72—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

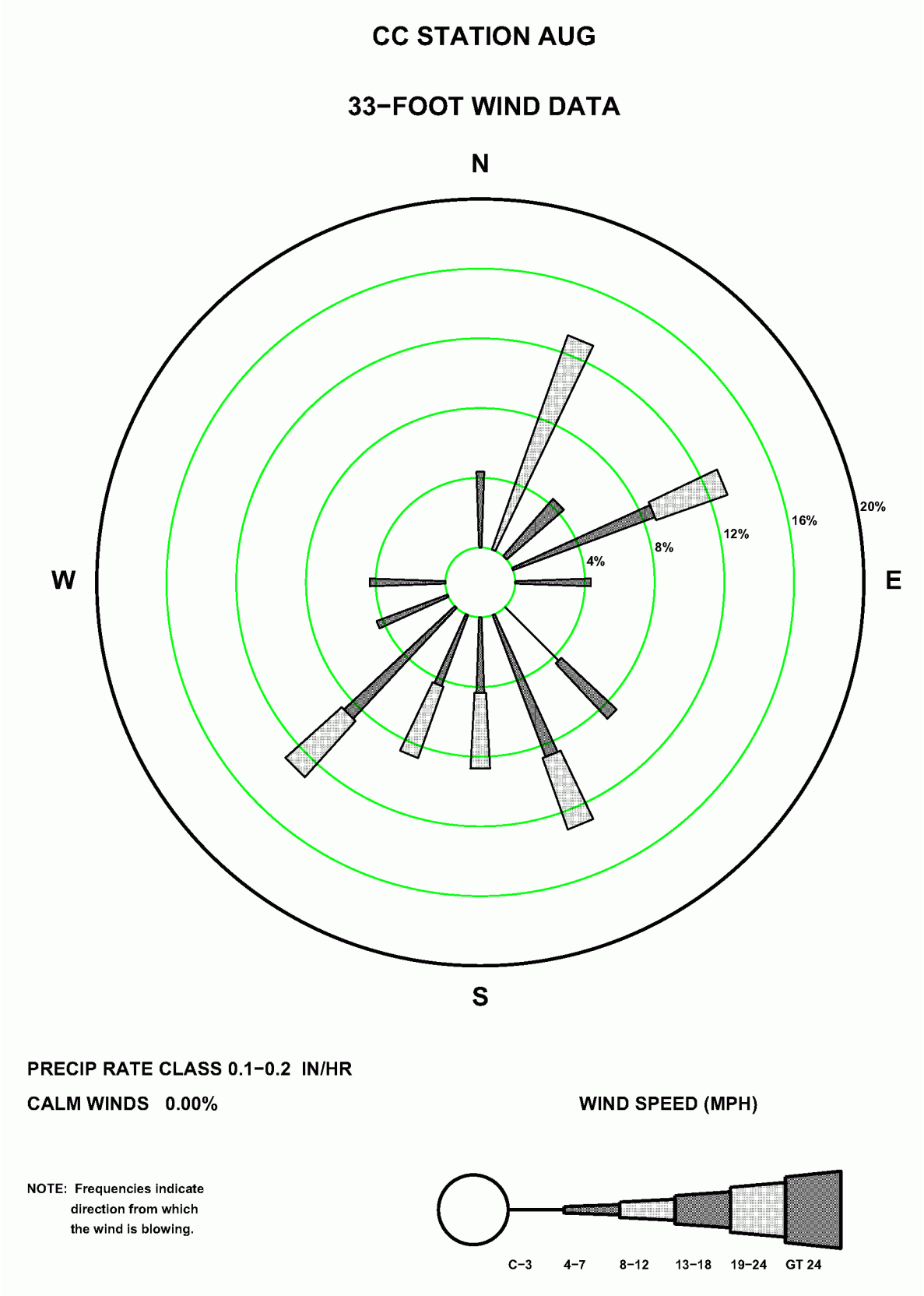

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Figure 2.7-73—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

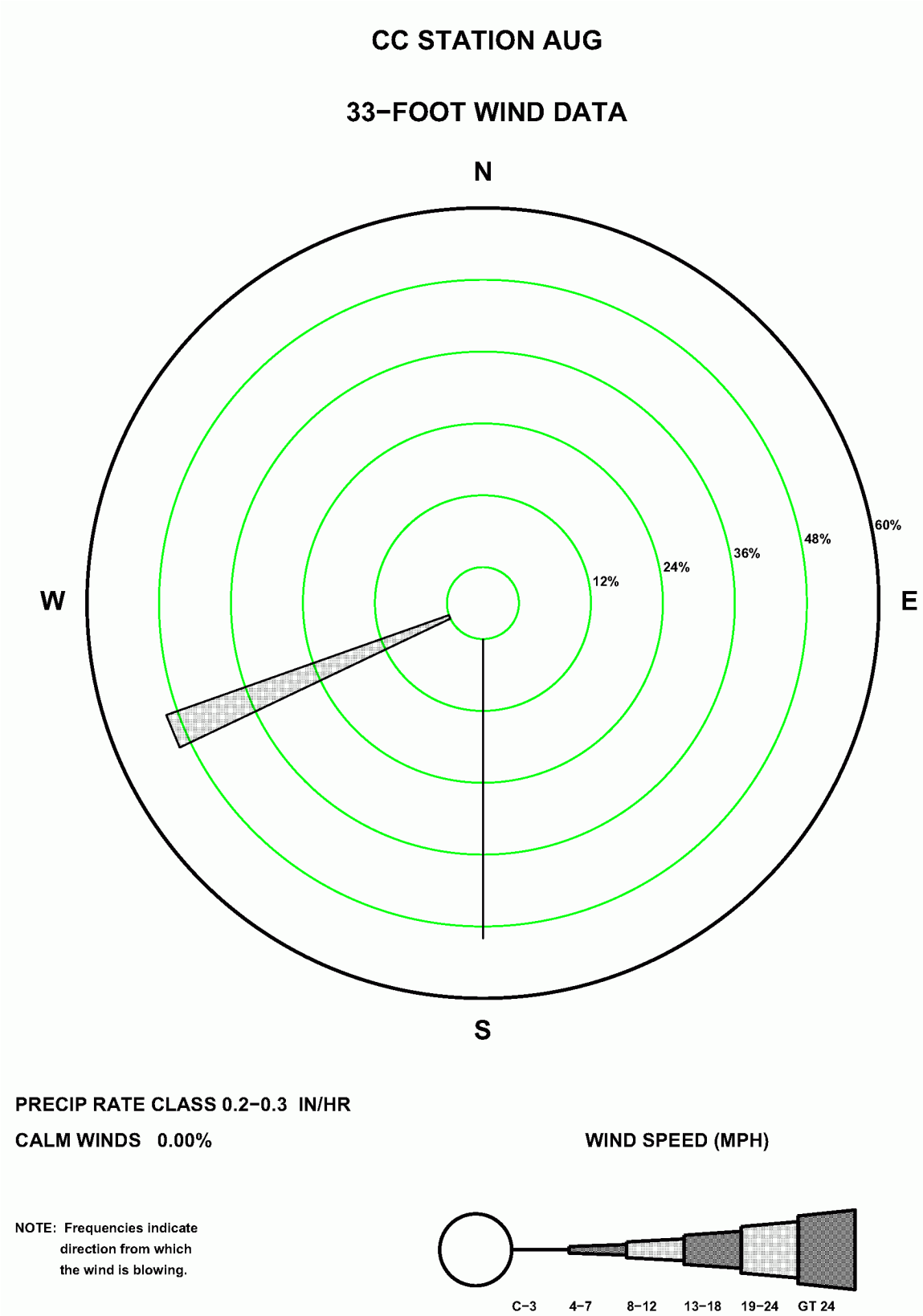

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Figure 2.7-74—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

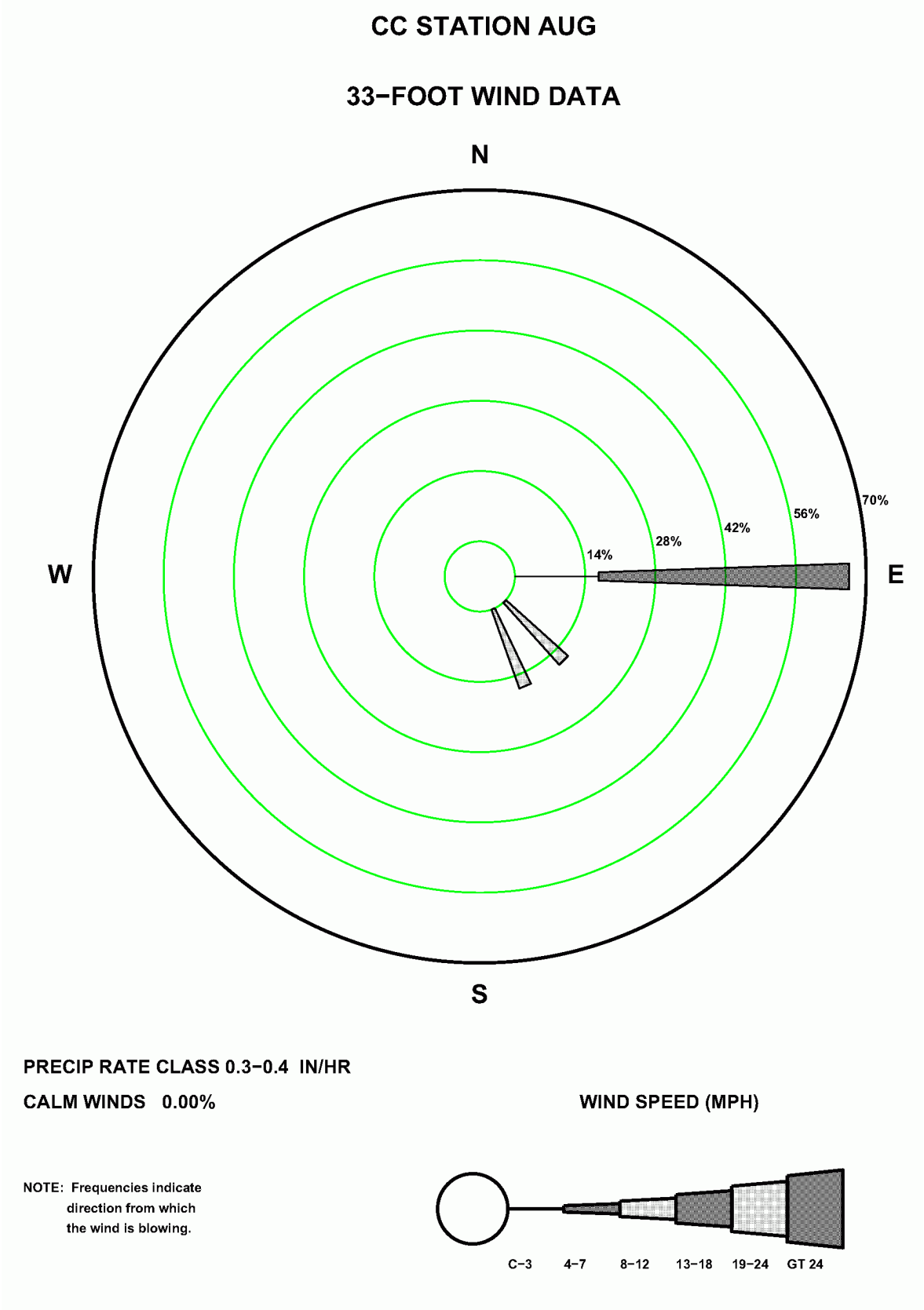

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Figure 2.7-75—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

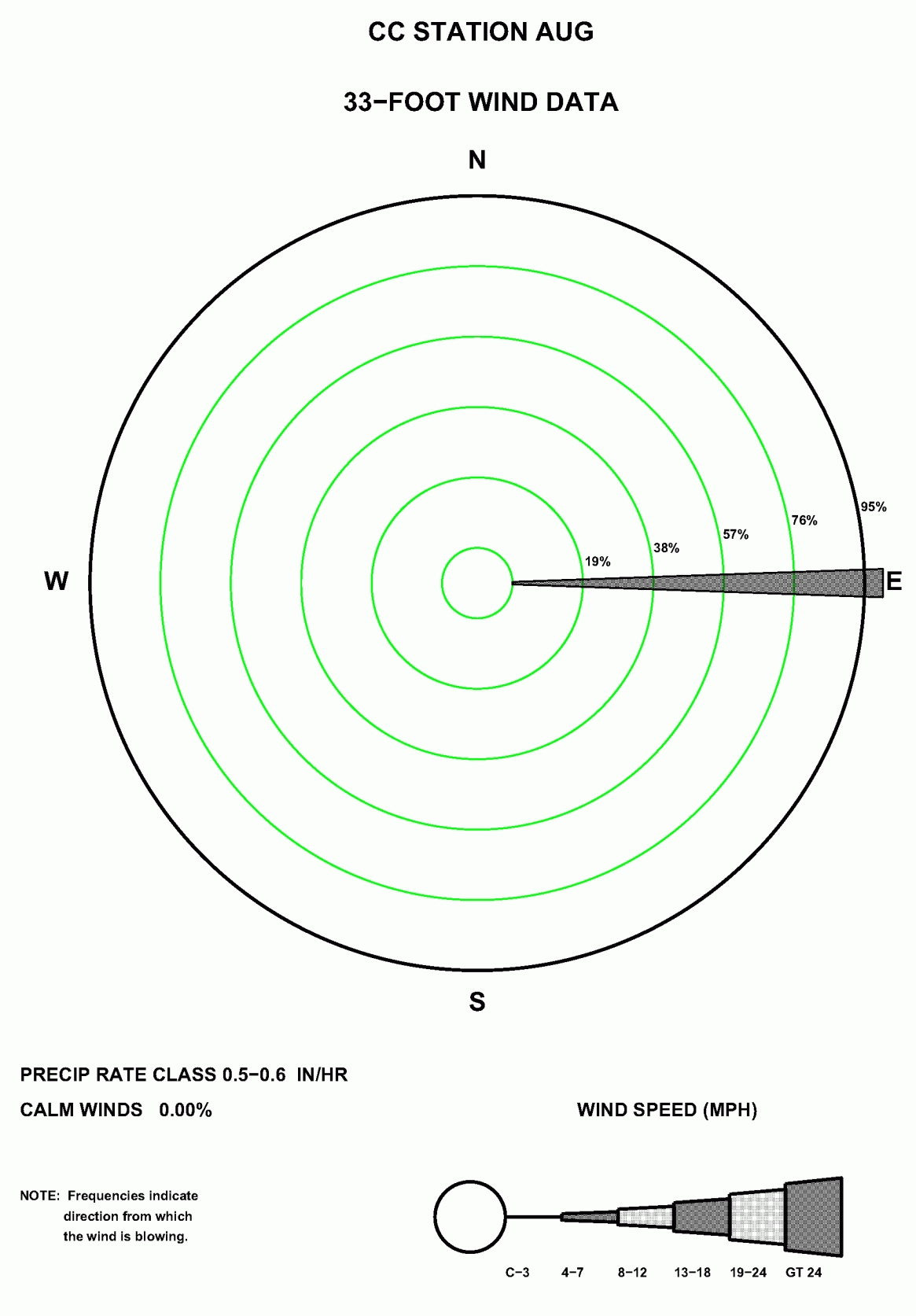

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Figure 2.7-76—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

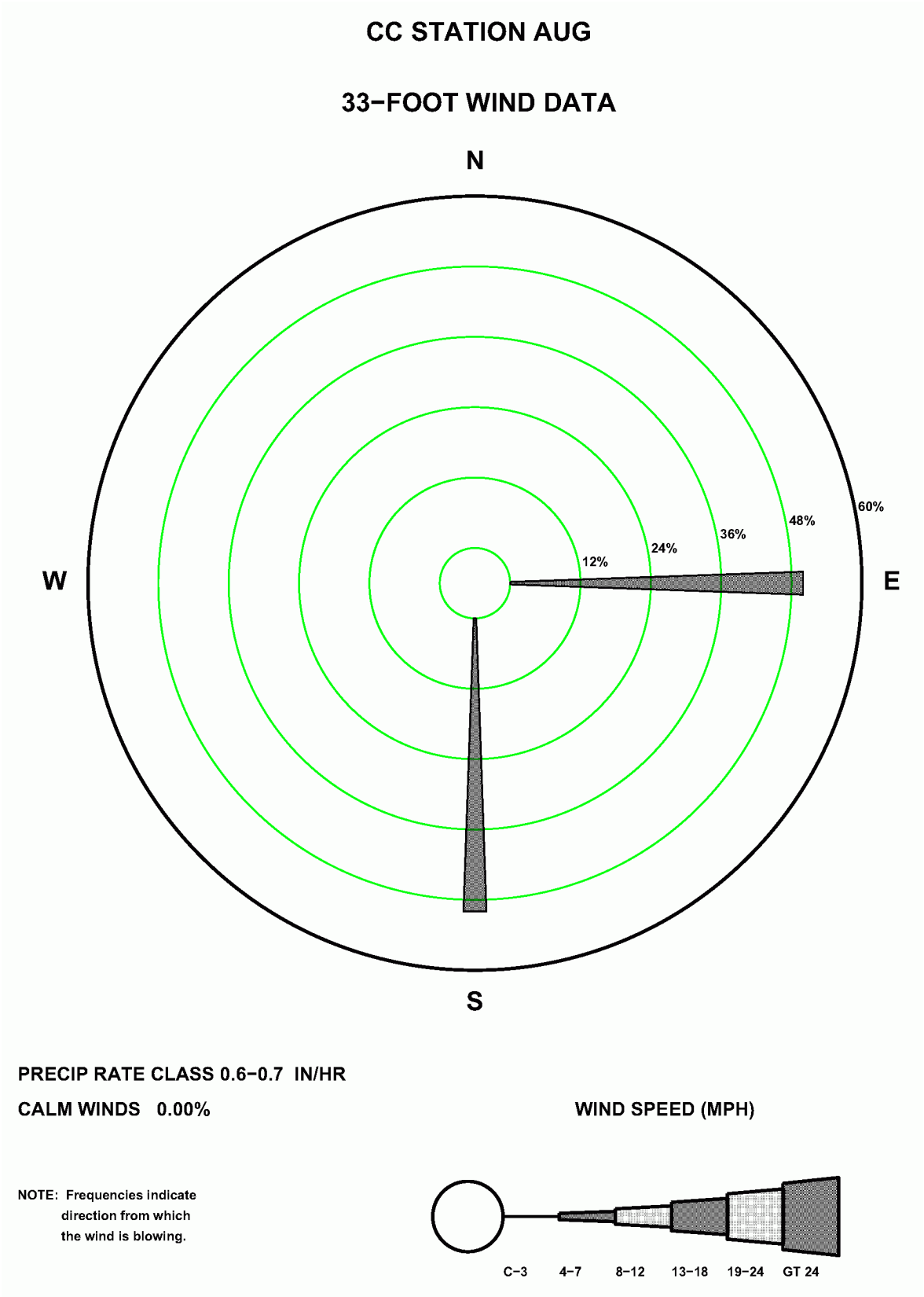

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Figure 2.7-77—CCNPP 33 ft August Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

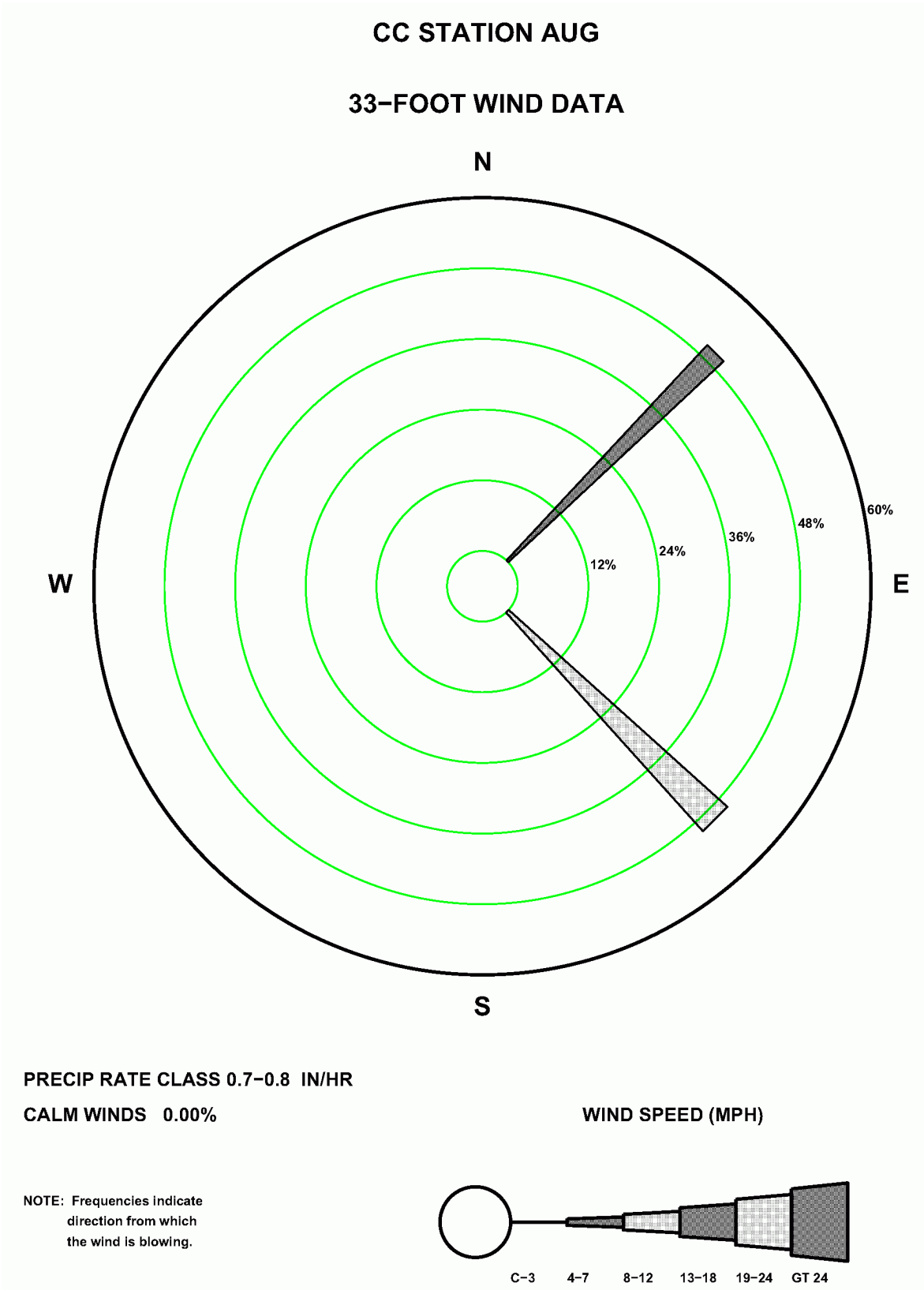

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Figure 2.7-78—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

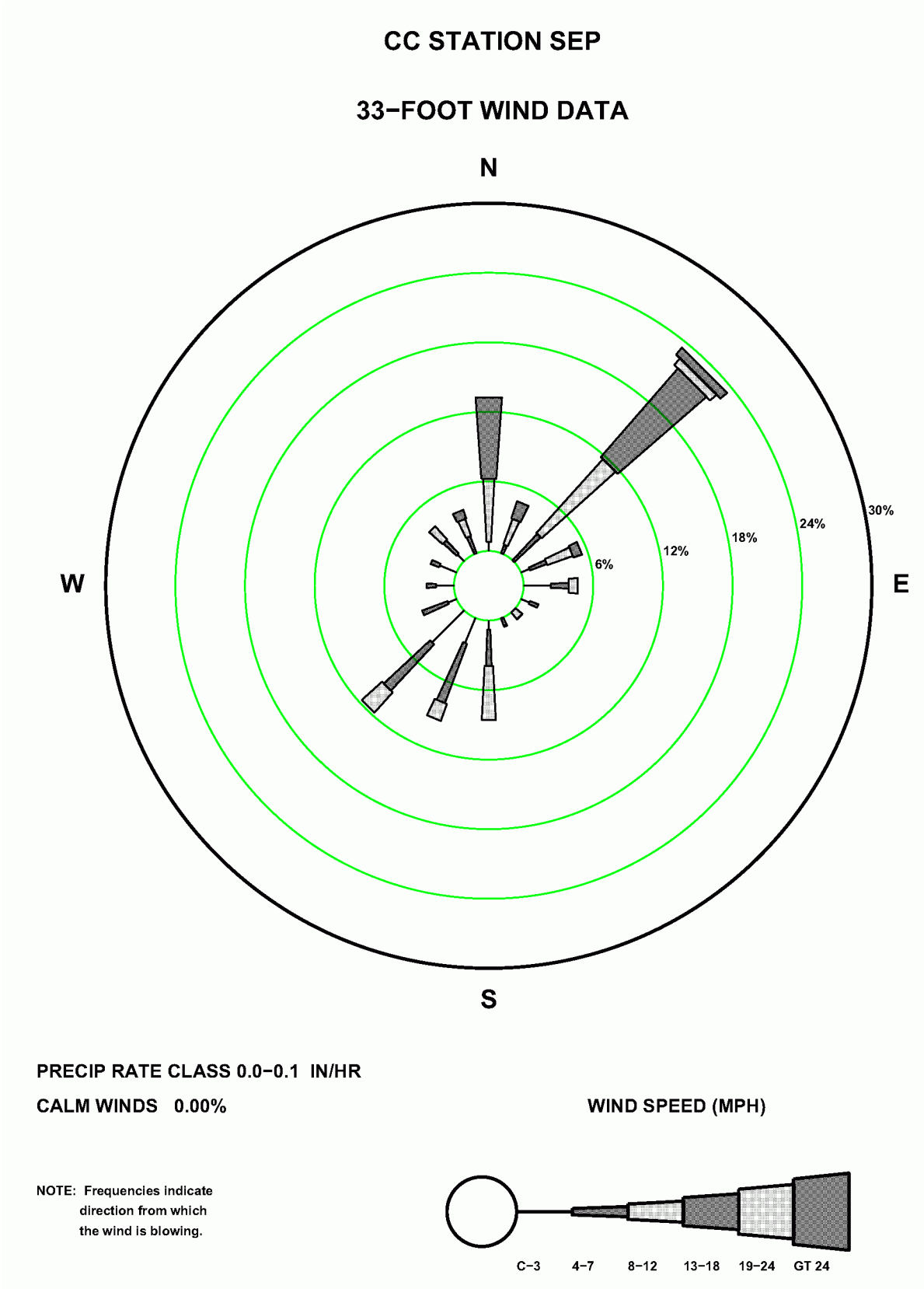

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Figure 2.7-79—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

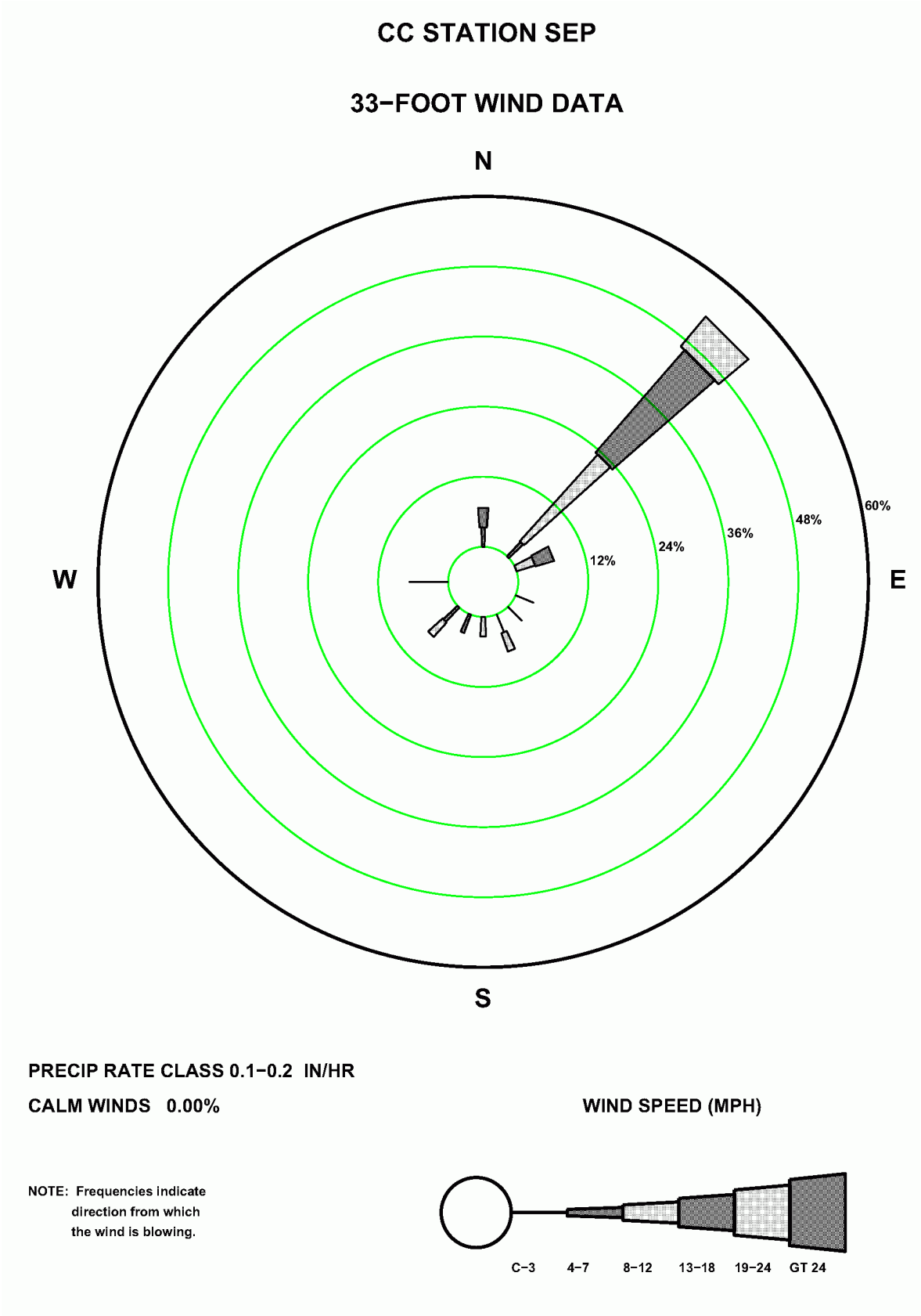

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Figure 2.7-80—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

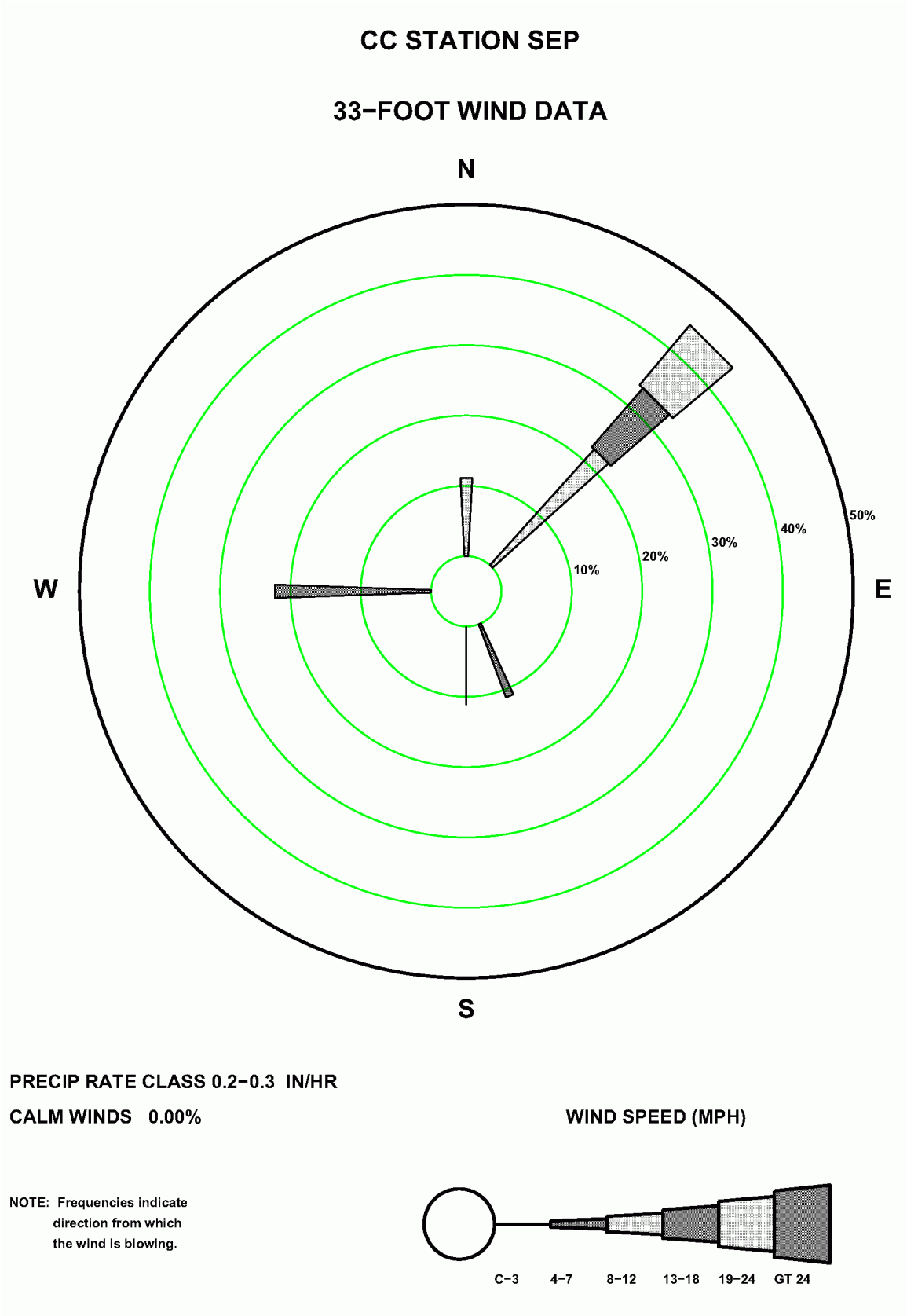

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Figure 2.7-81—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

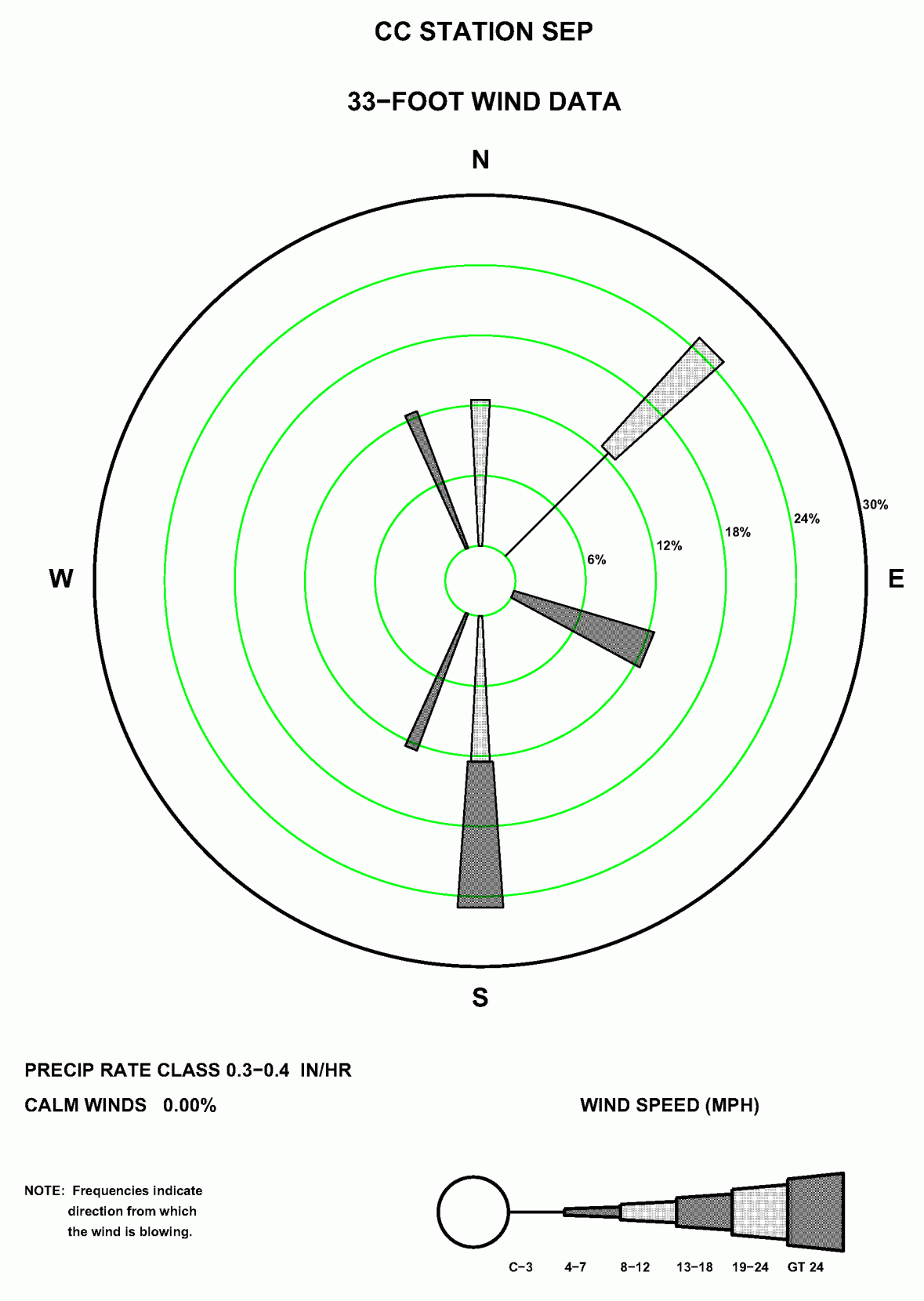

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Figure 2.7-82—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

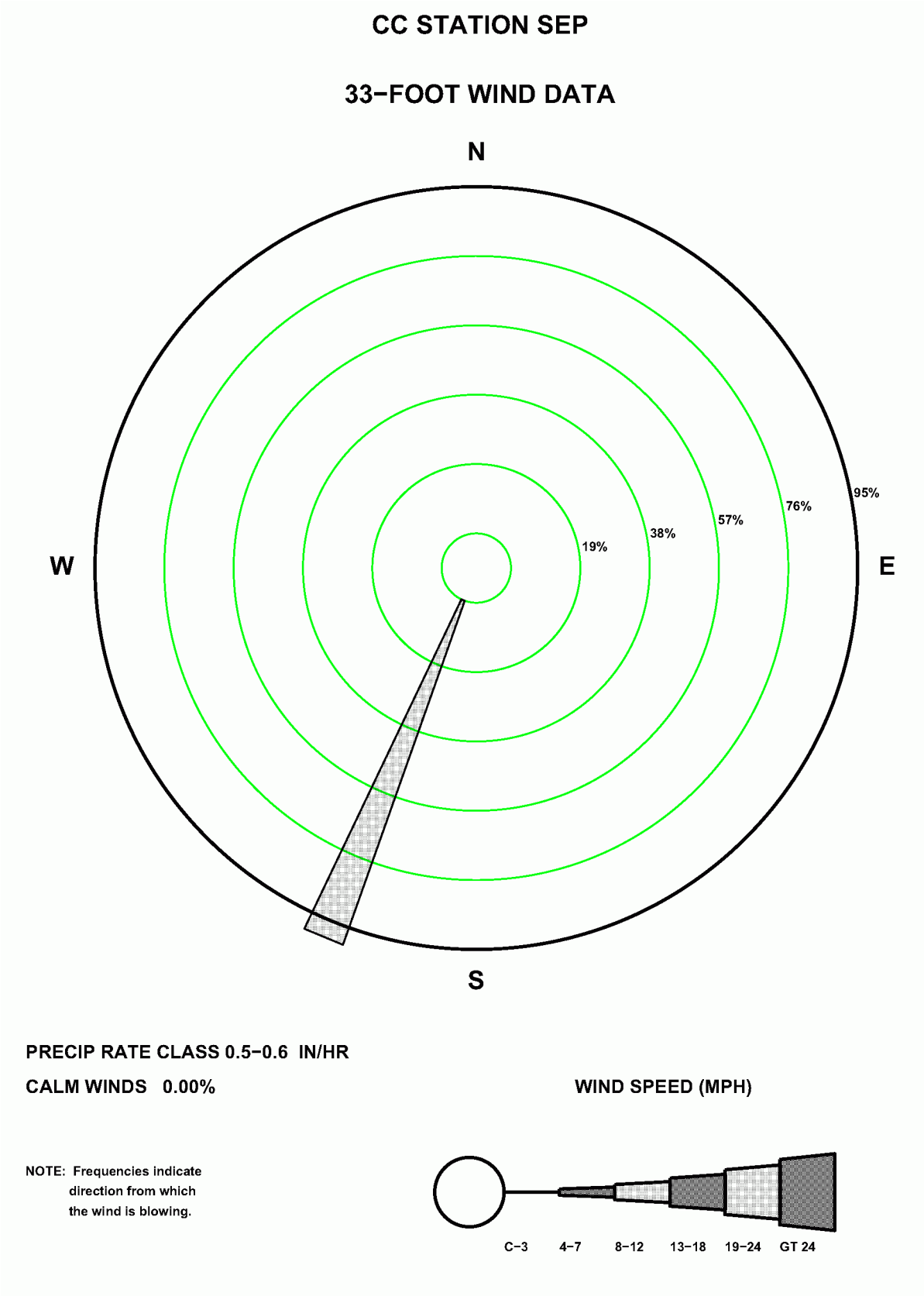

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Figure 2.7-83—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.6-0.7 in/hr

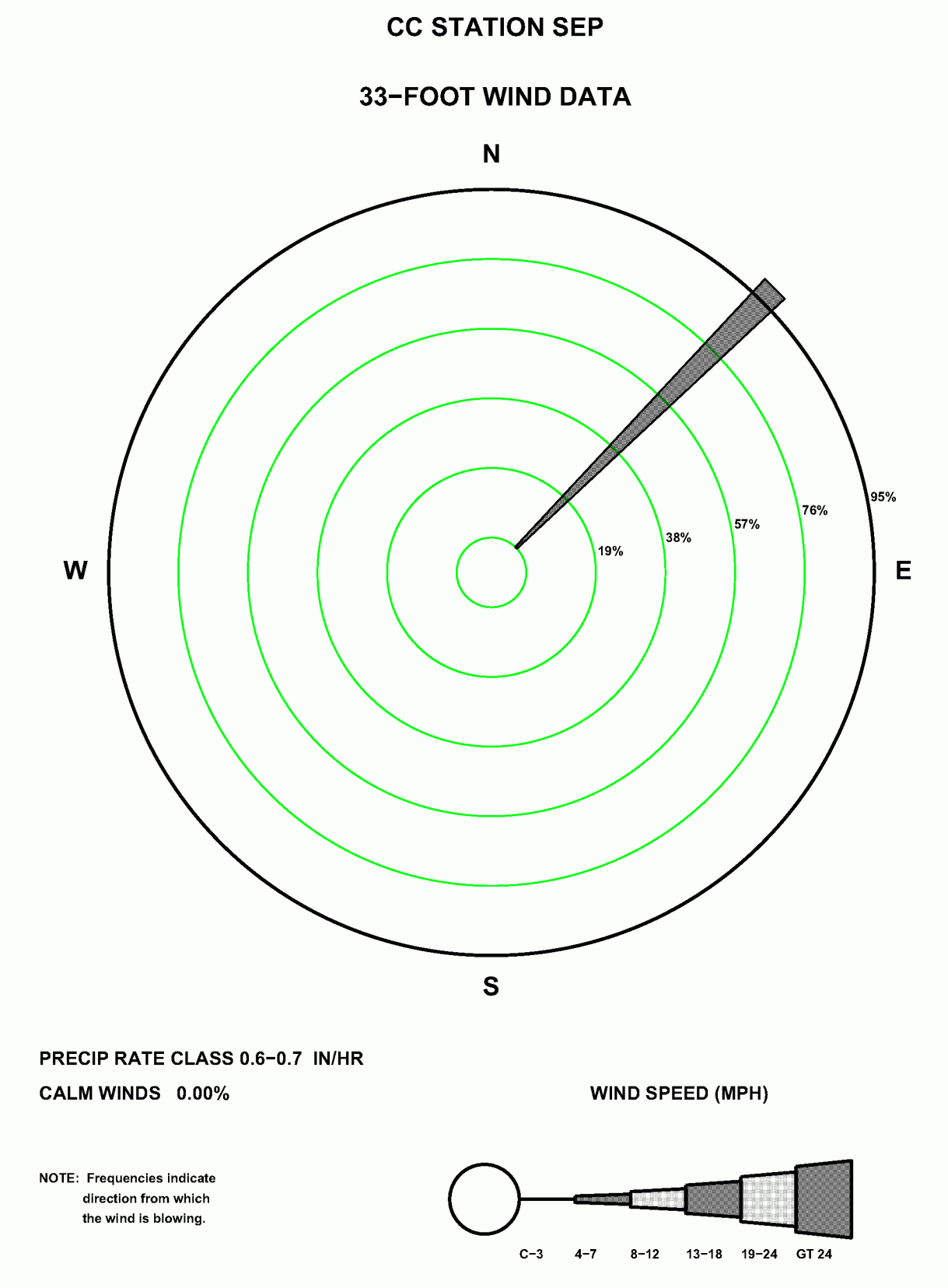

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Figure 2.7-84—CCNPP 33 ft September Precipitation Wind Rose for Rate Class 0.7-0.8 in/hr

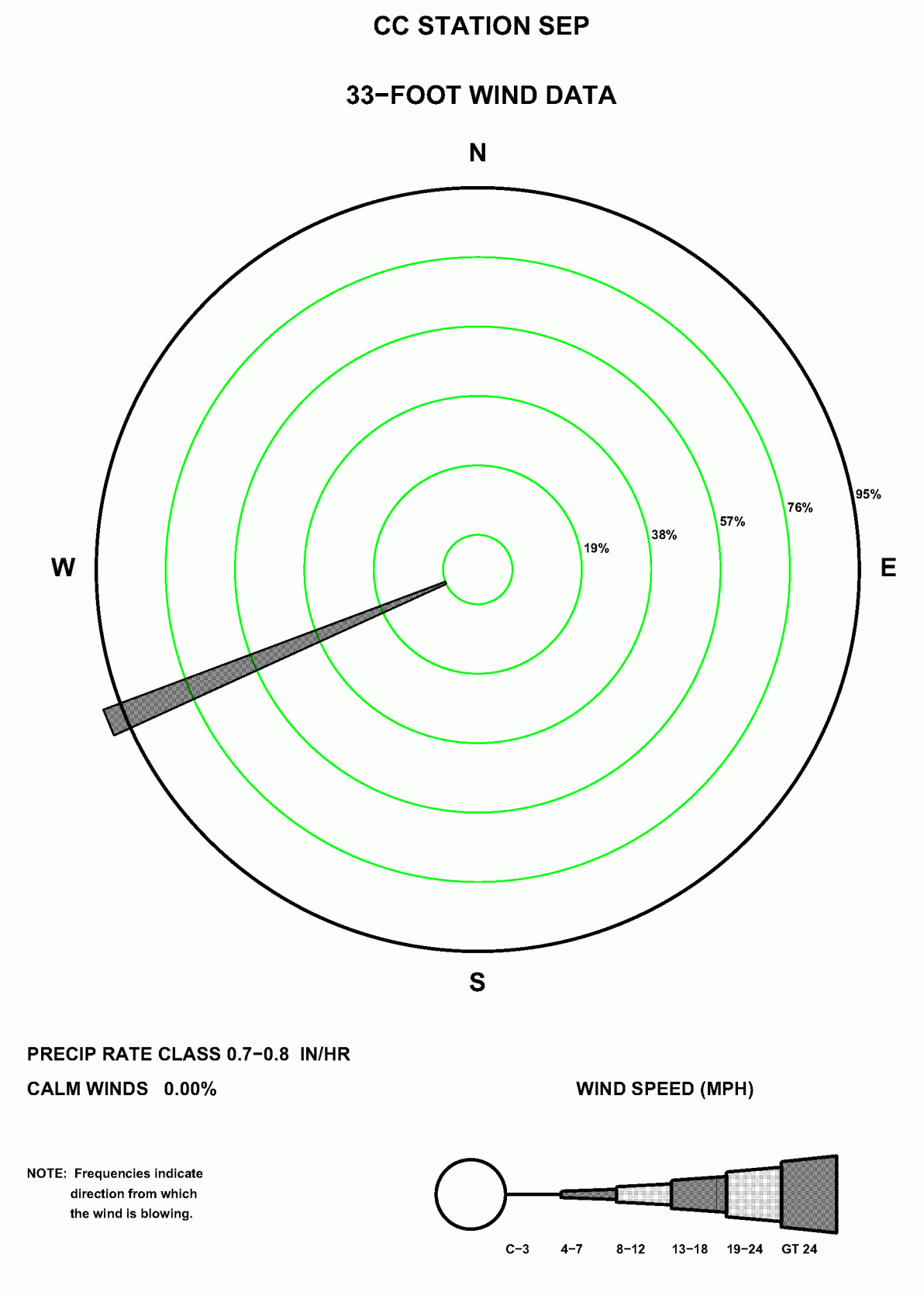

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Figure 2.7-85—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

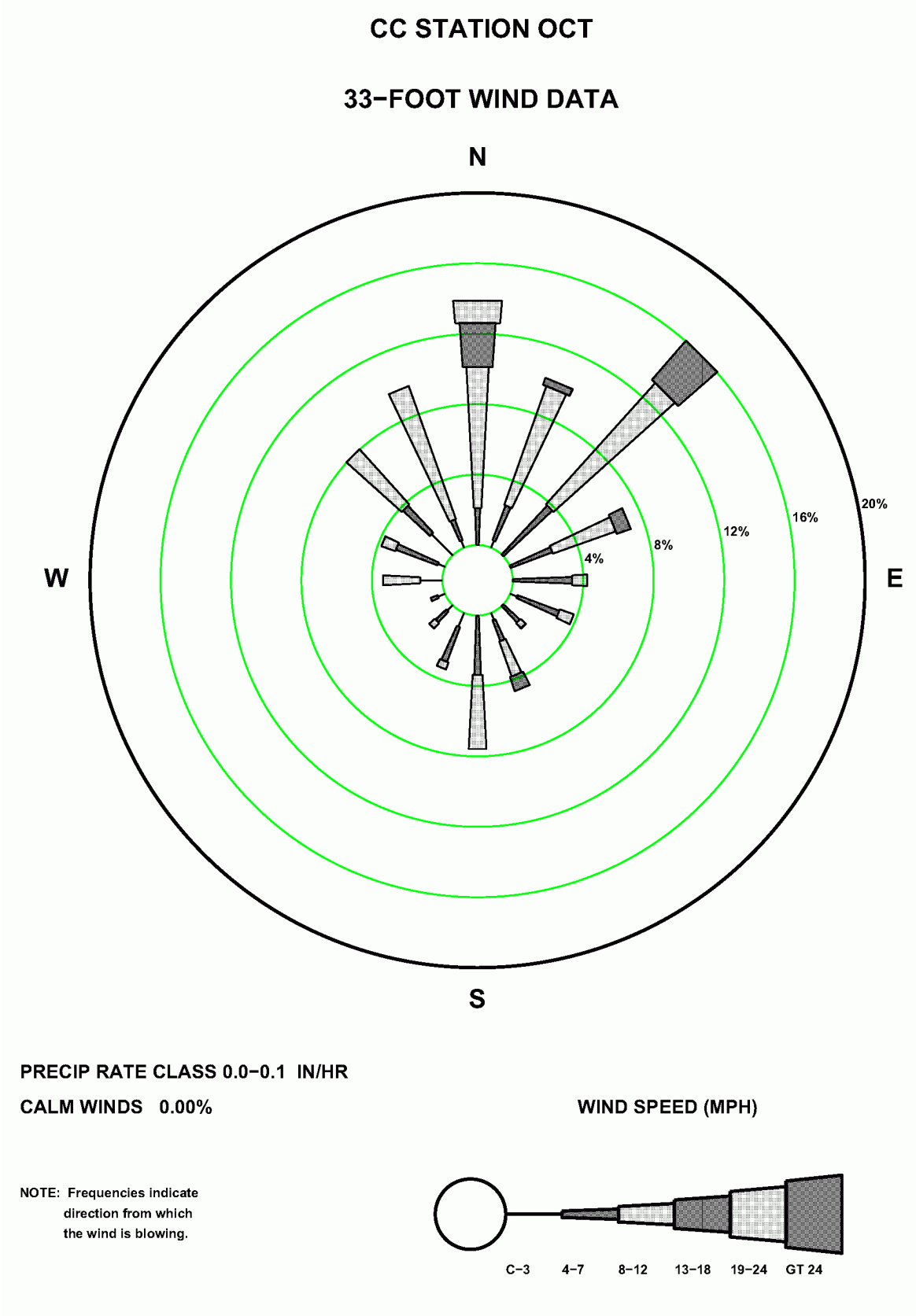

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Figure 2.7-86—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

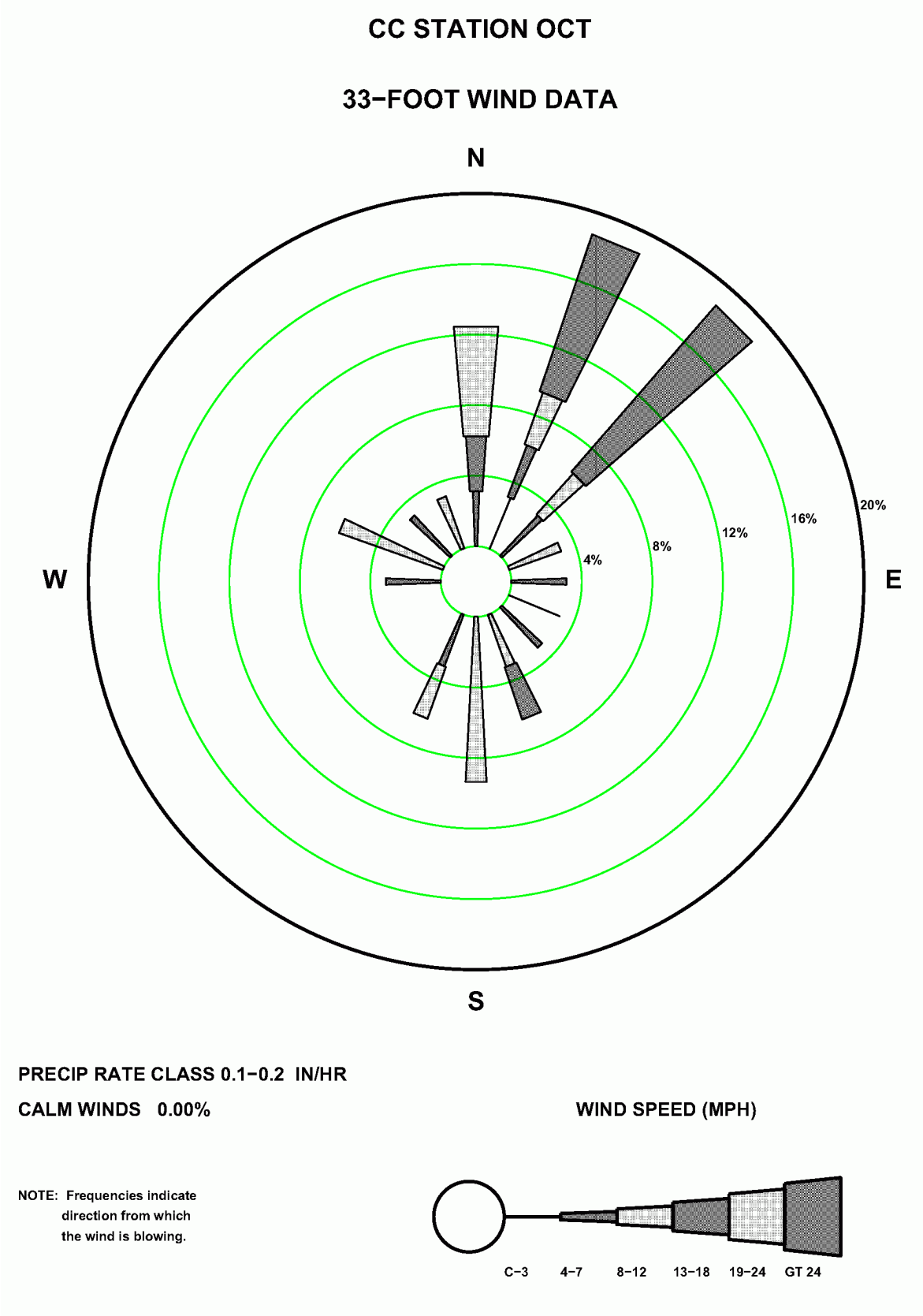

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Figure 2.7-87—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

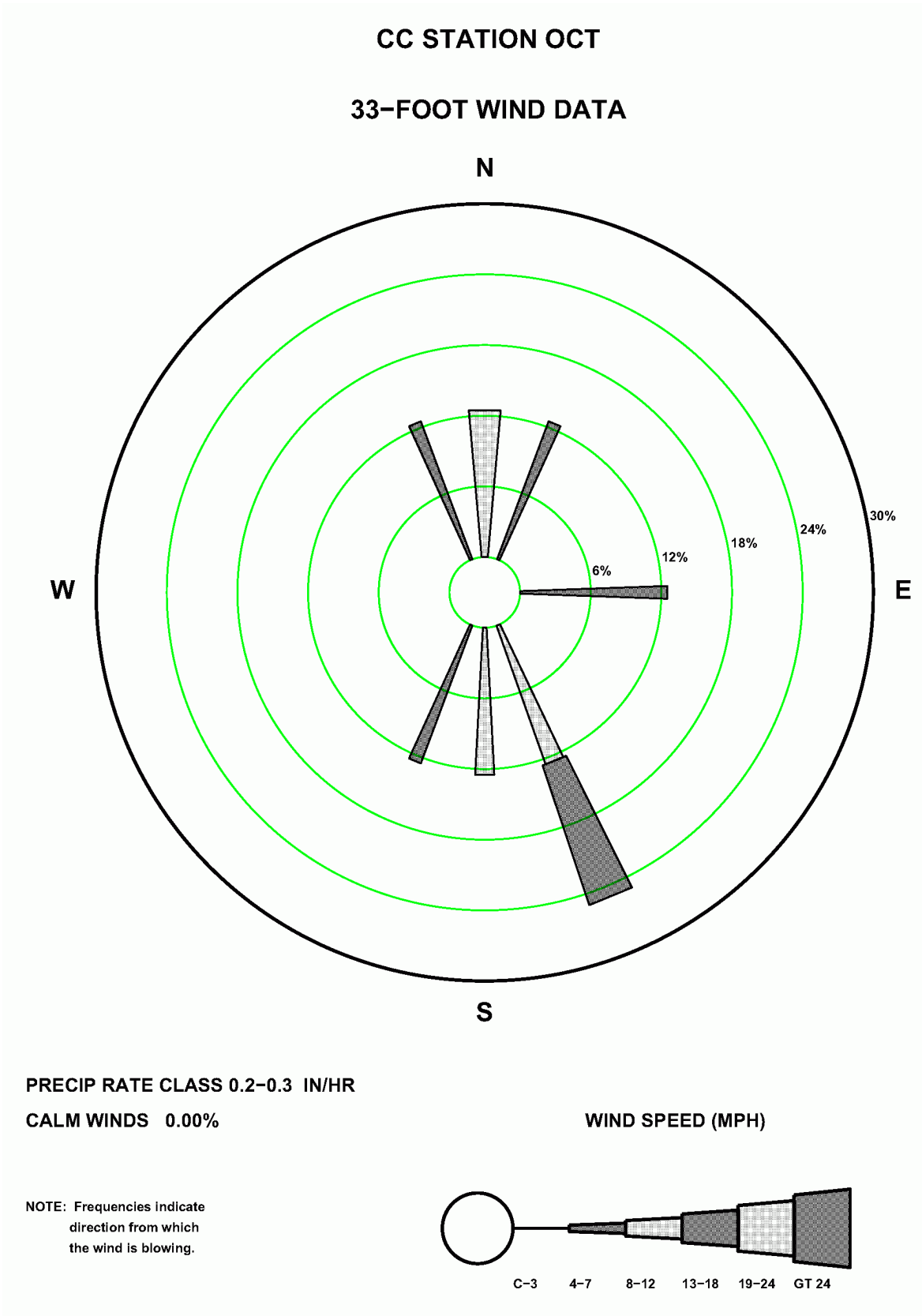

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Figure 2.7-88—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

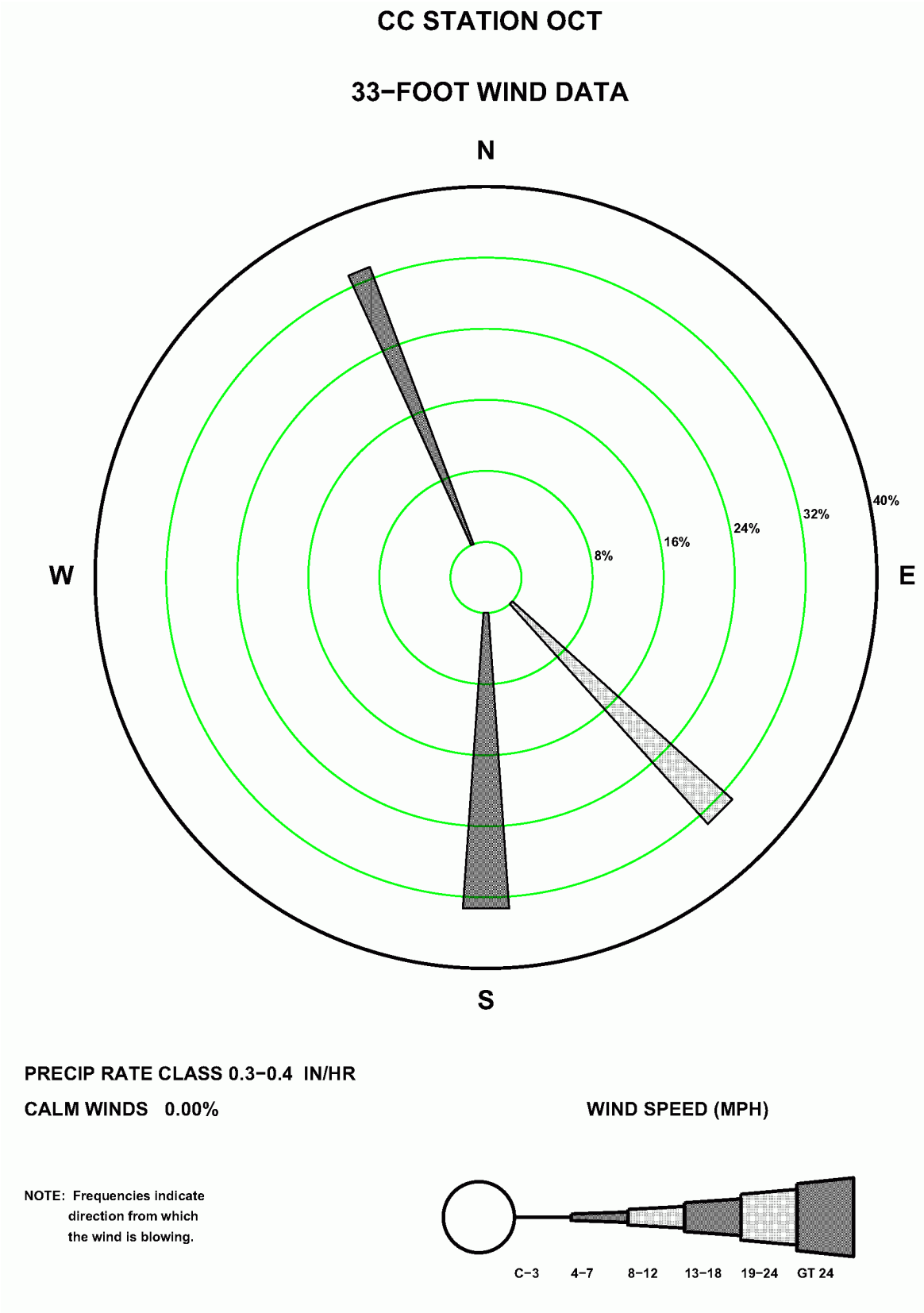

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Figure 2.7-89—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.4-0.5 in/hr

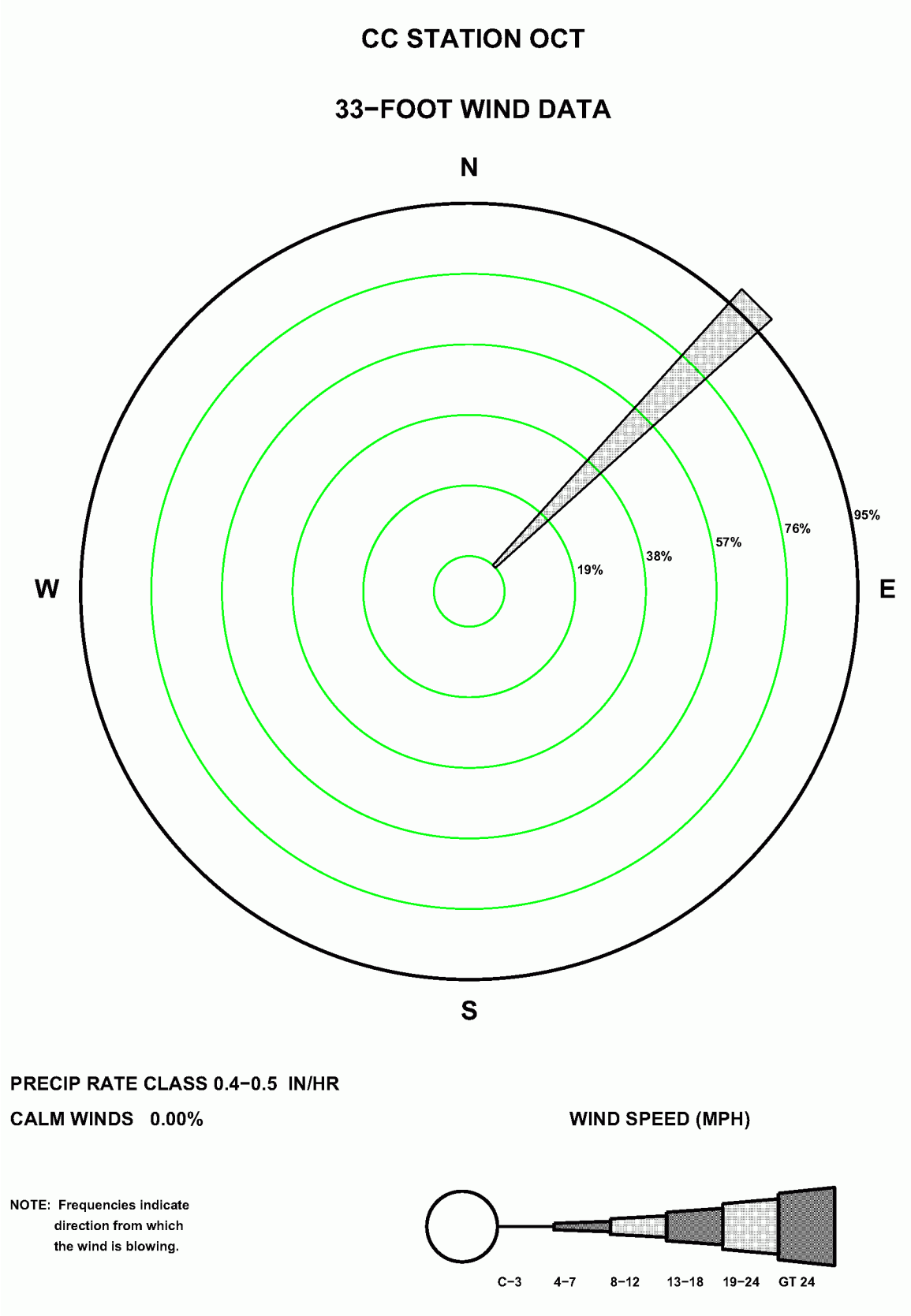

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Figure 2.7-90—CCNPP 33 ft October Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

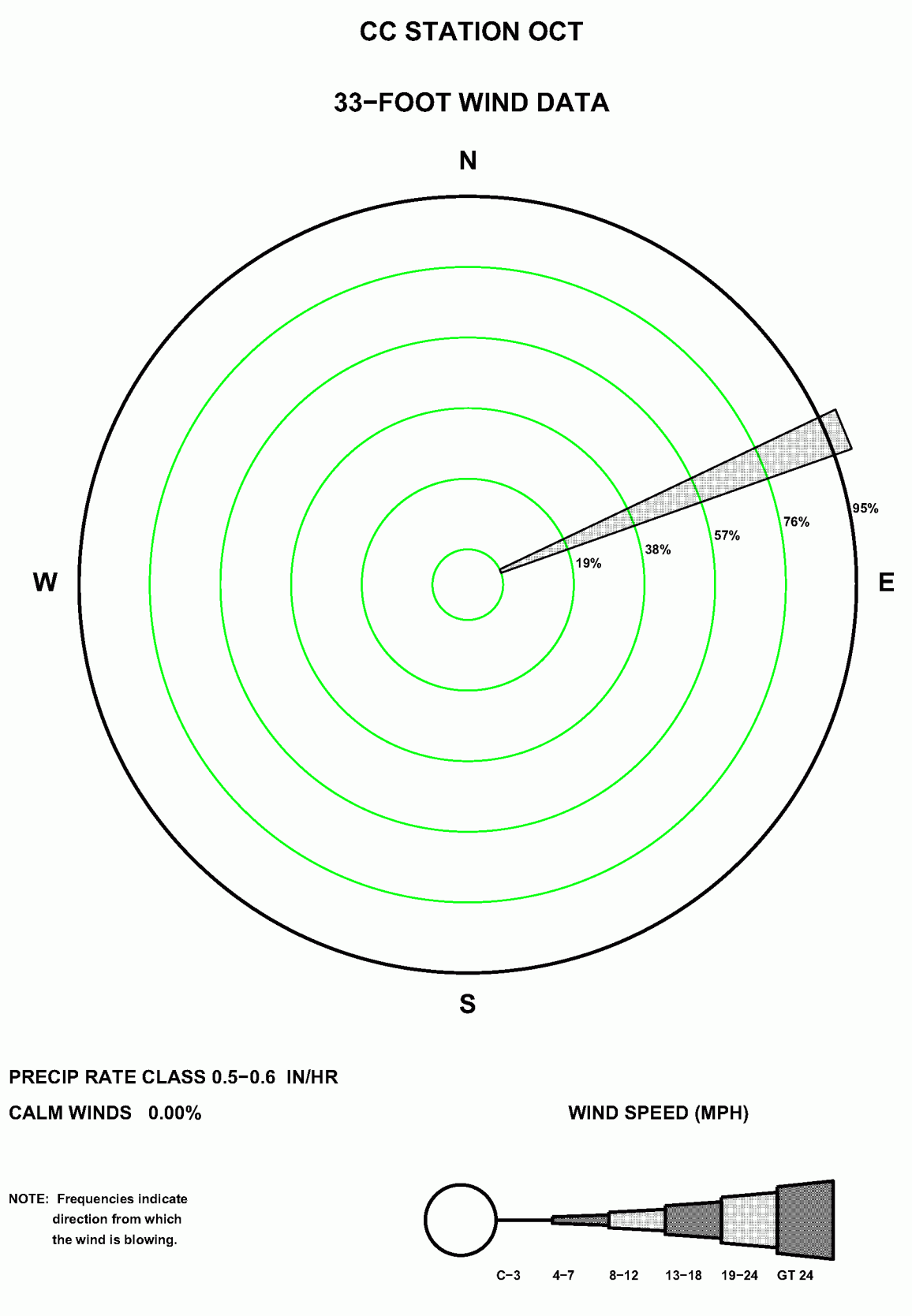

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Figure 2.7-91—CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

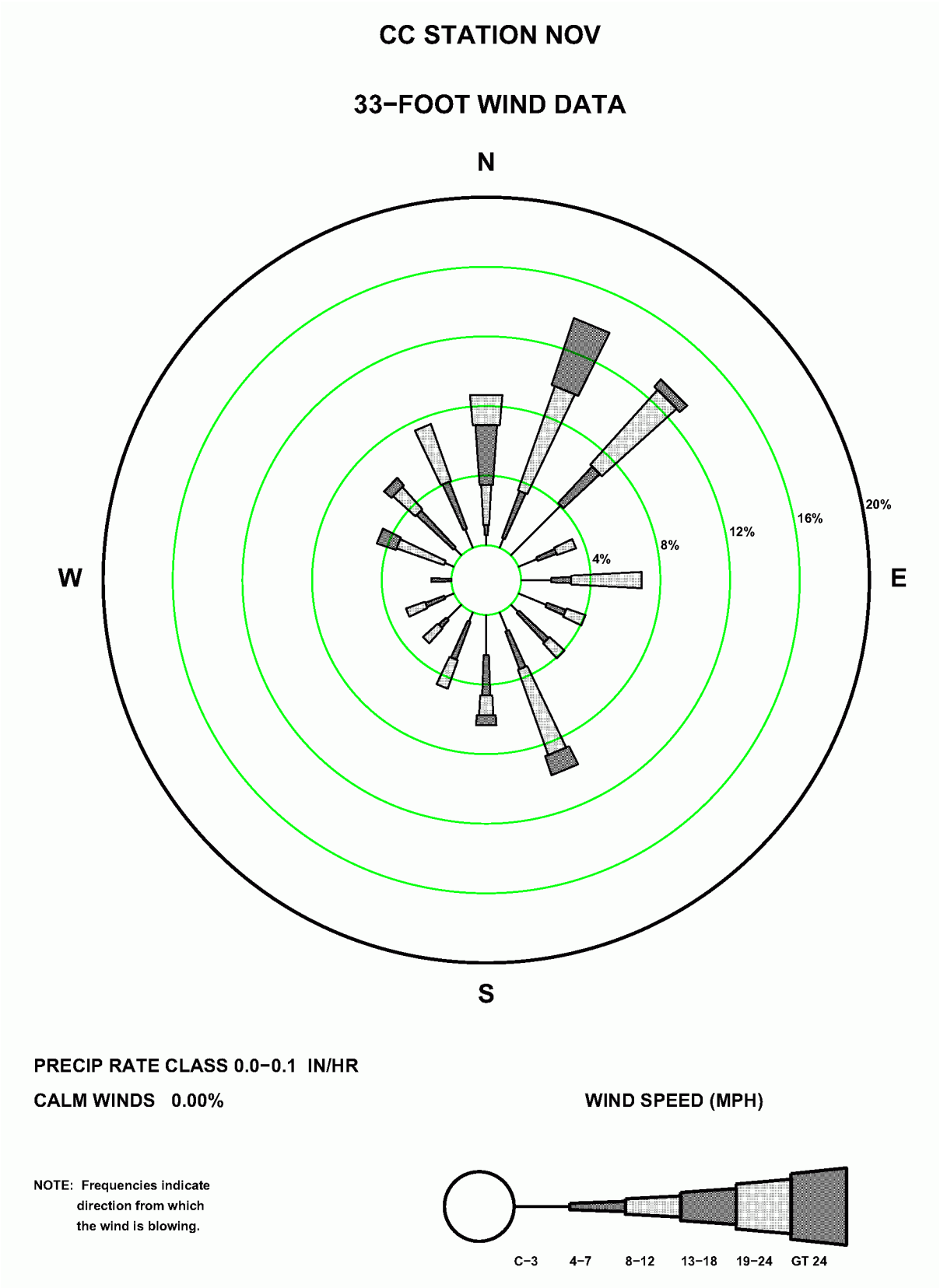

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Figure 2.7-92—CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

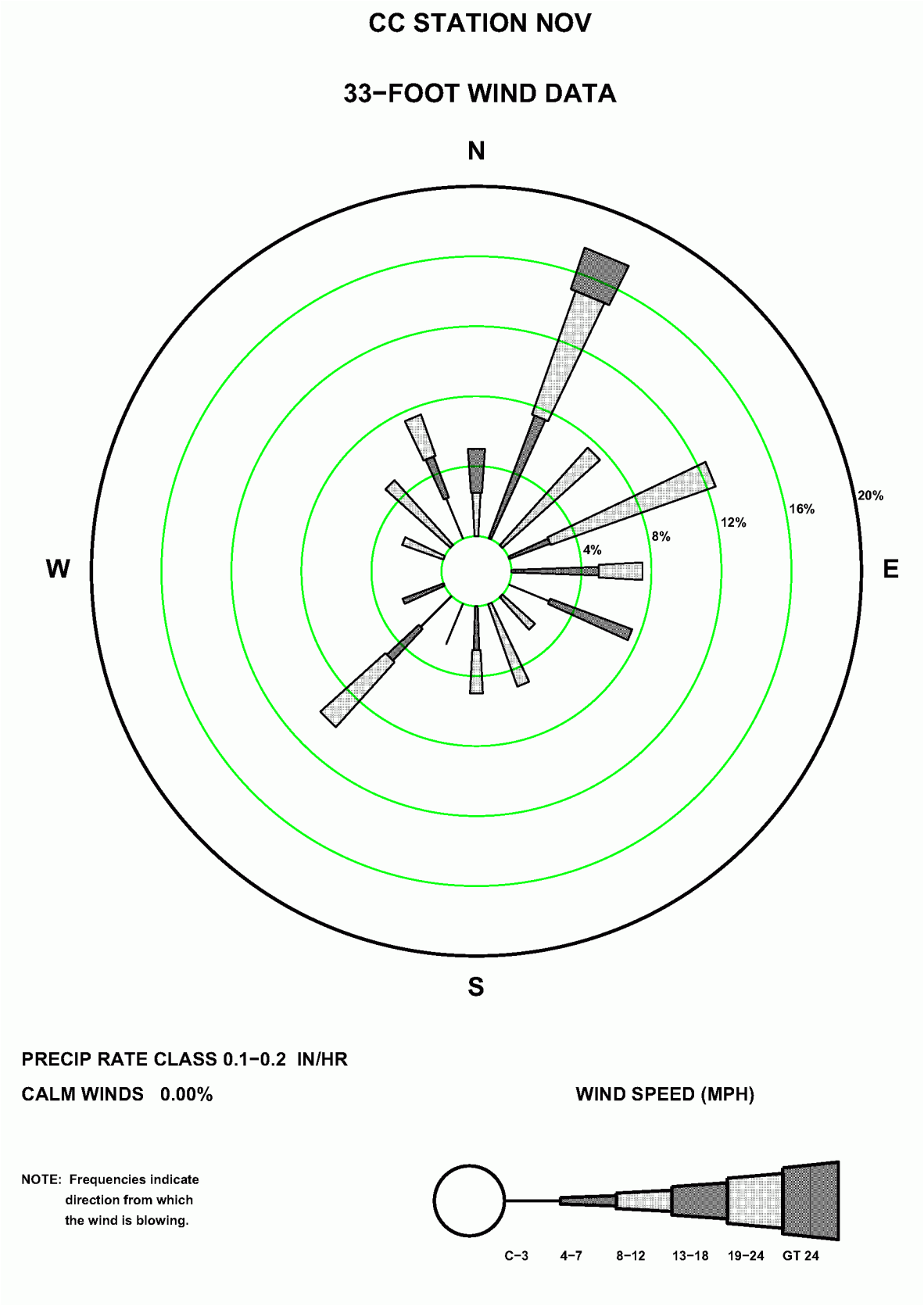

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Figure 2.7-93—CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

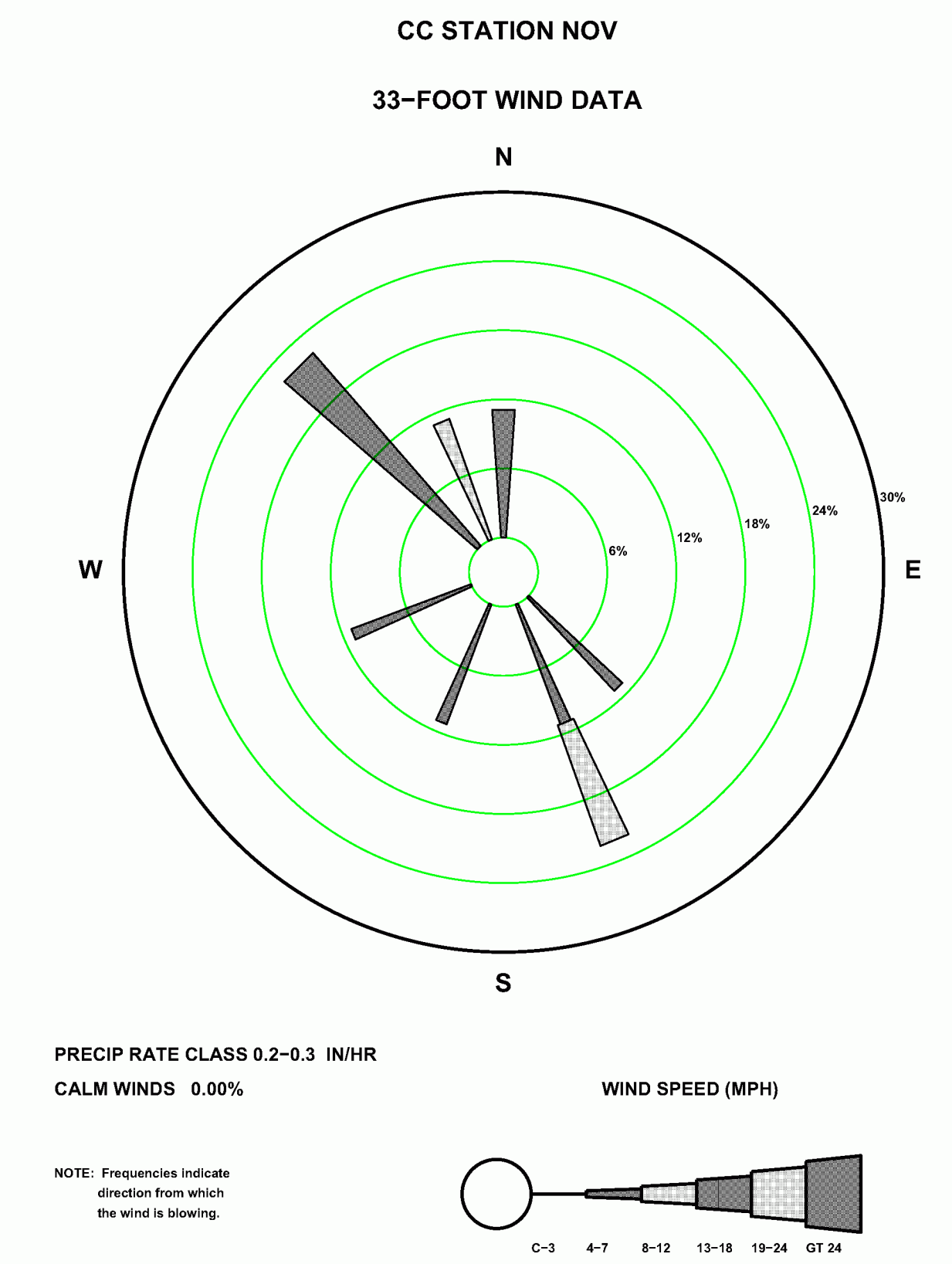

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Figure 2.7-94—CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr

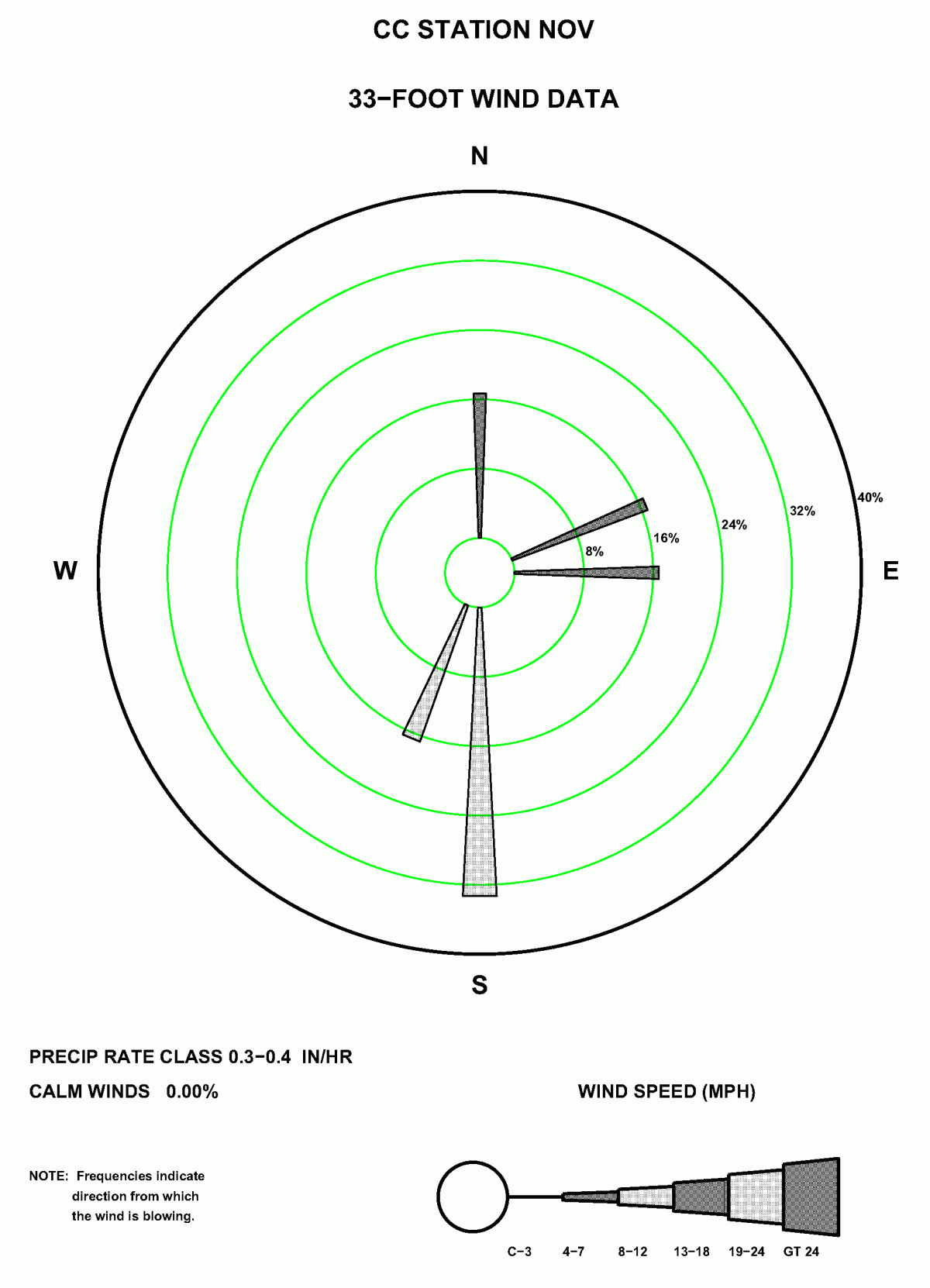

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Figure 2.7-95—CCNPP 33 ft November Precipitation Wind Rose for Rate Class 0.5-0.6 in/hr

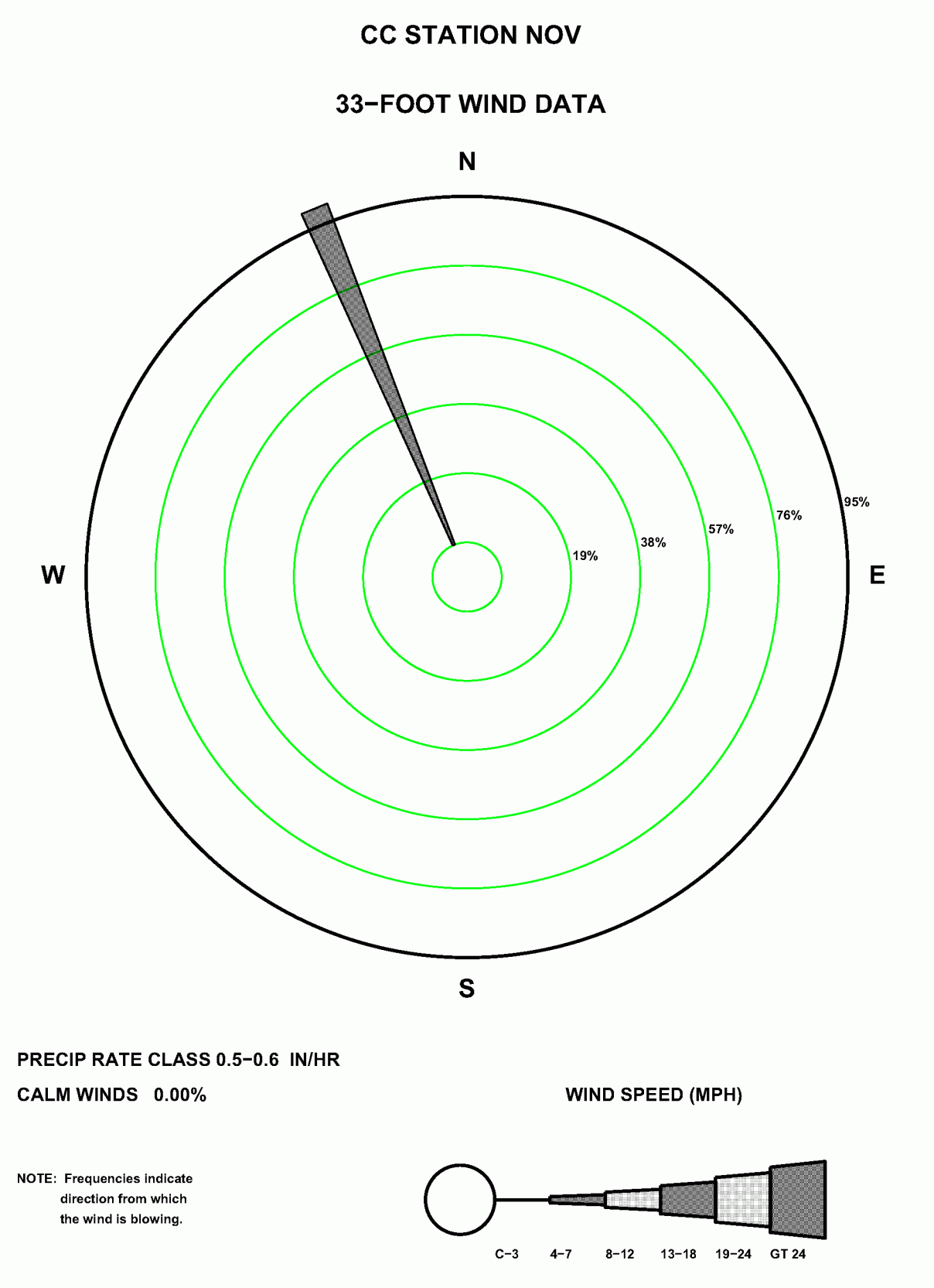

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Figure 2.7-96—CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.0-0.1 in/hr

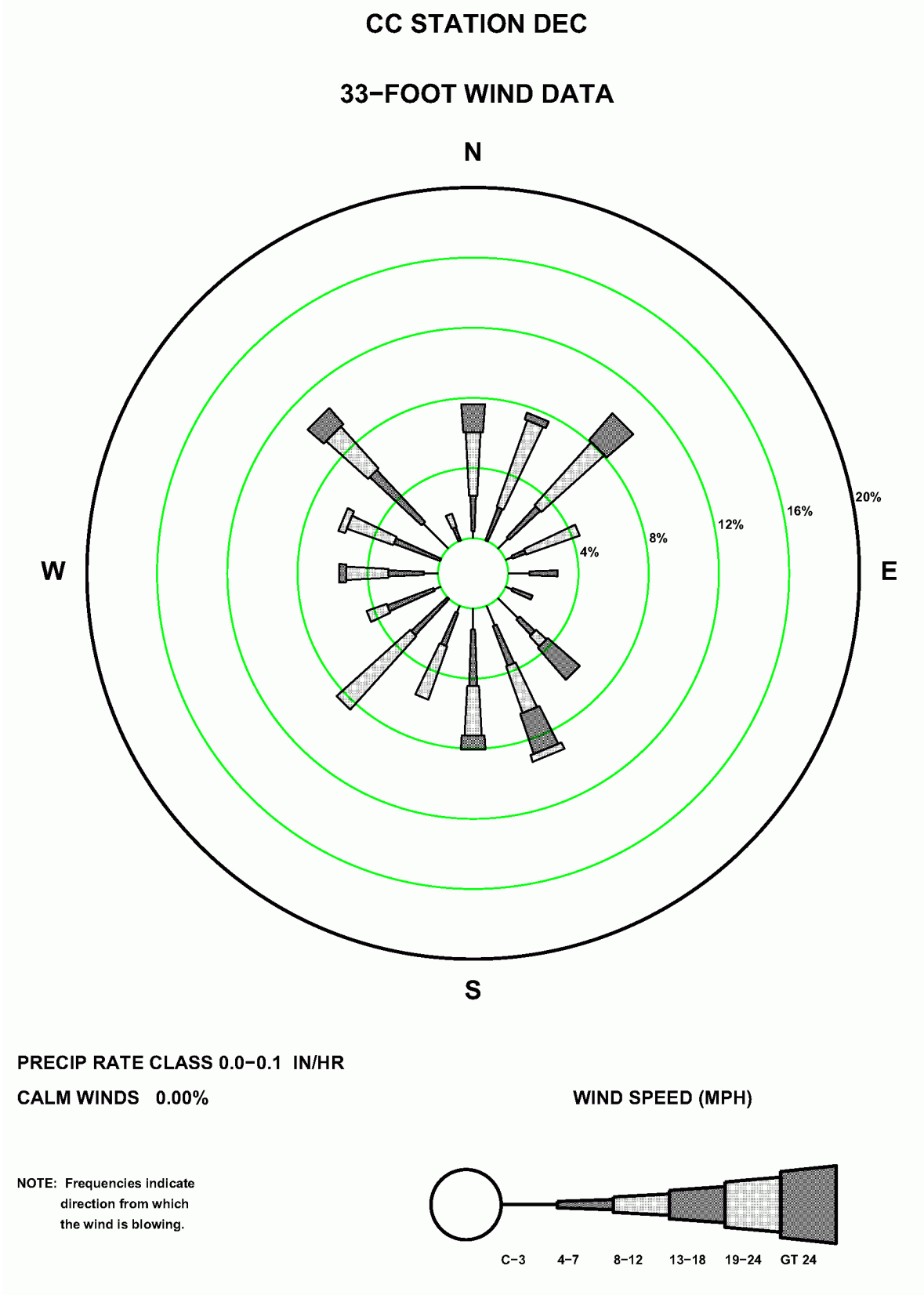

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Figure 2.7-97—CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.1-0.2 in/hr

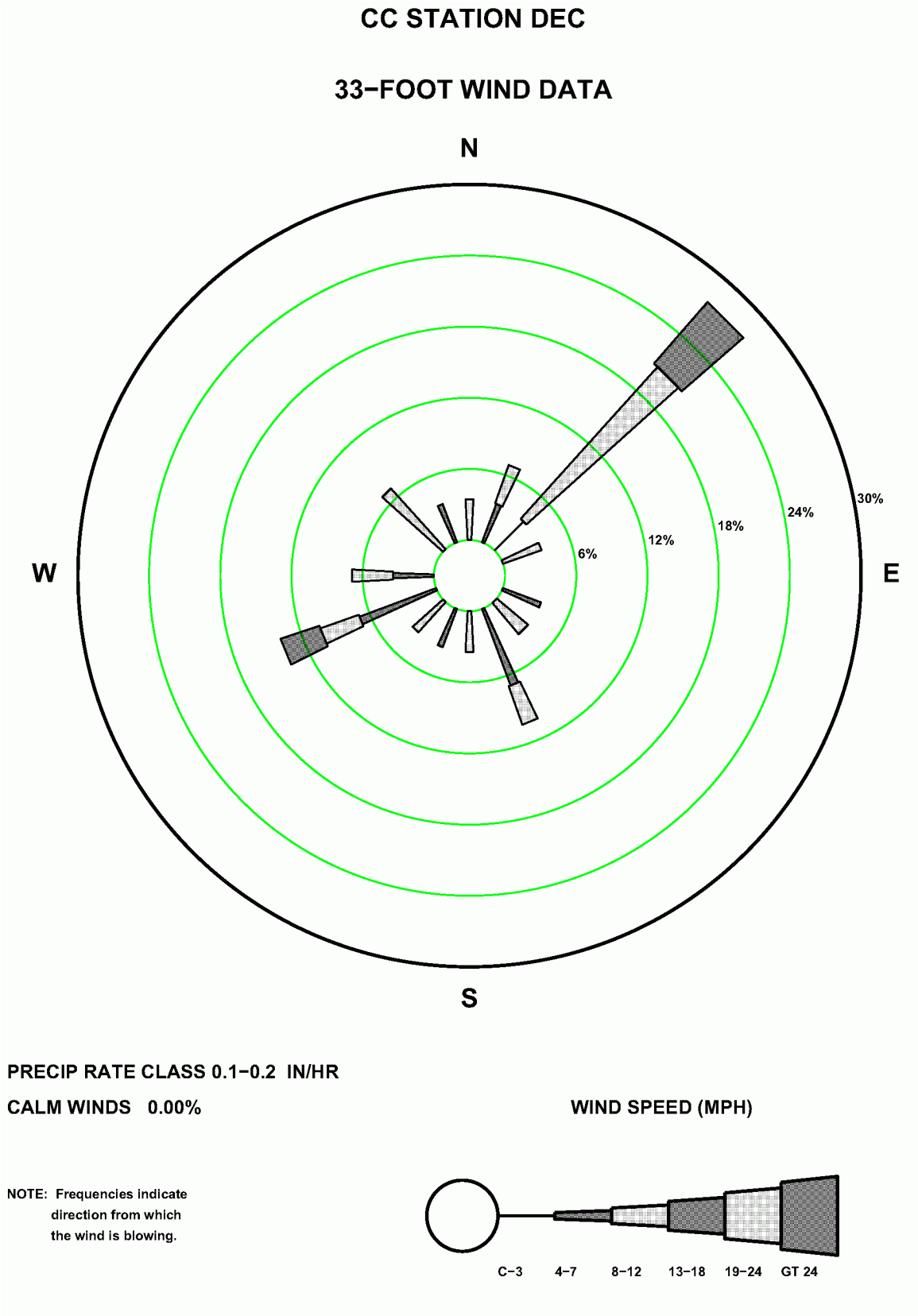

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Figure 2.7-98—CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.2-0.3 in/hr

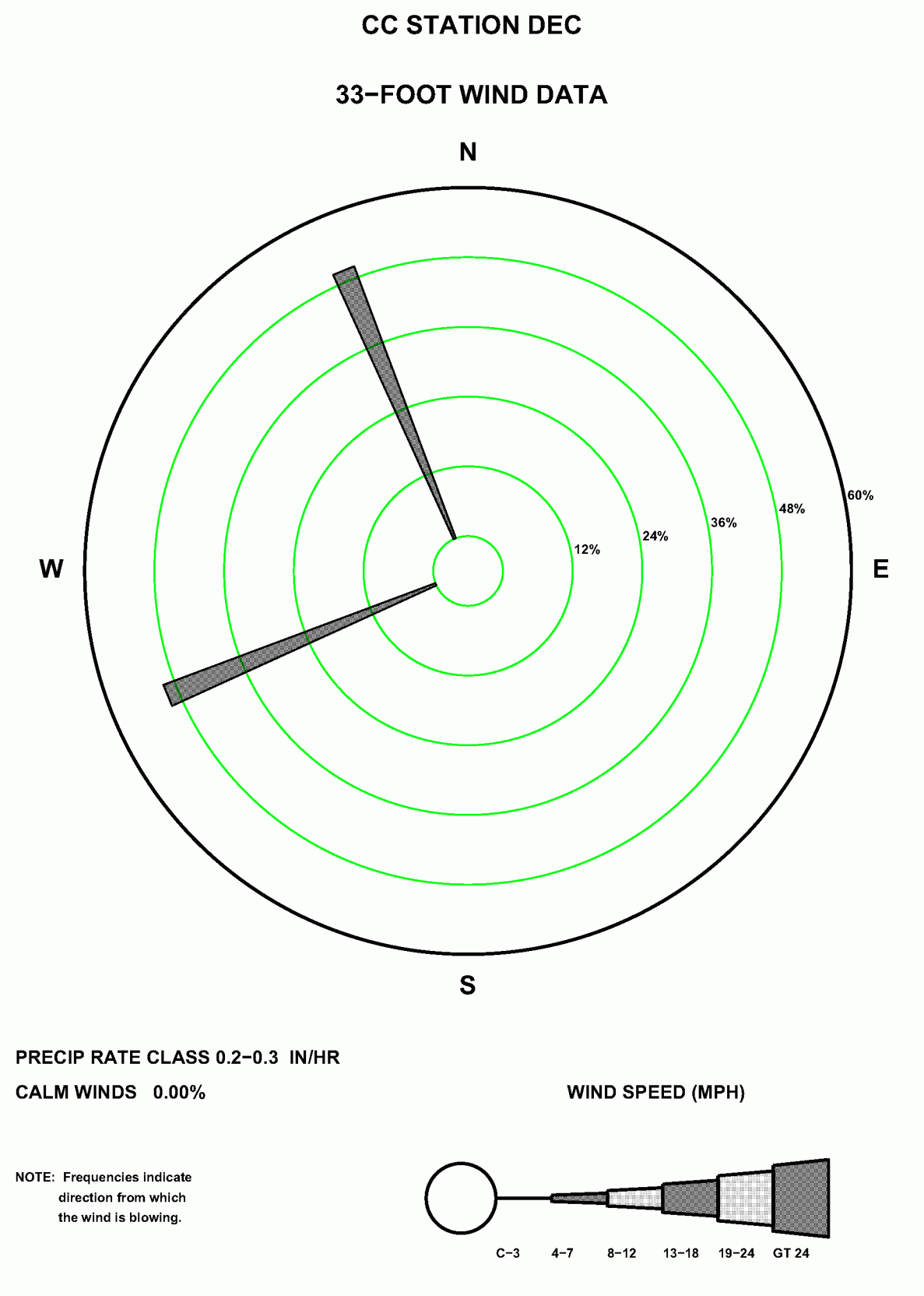

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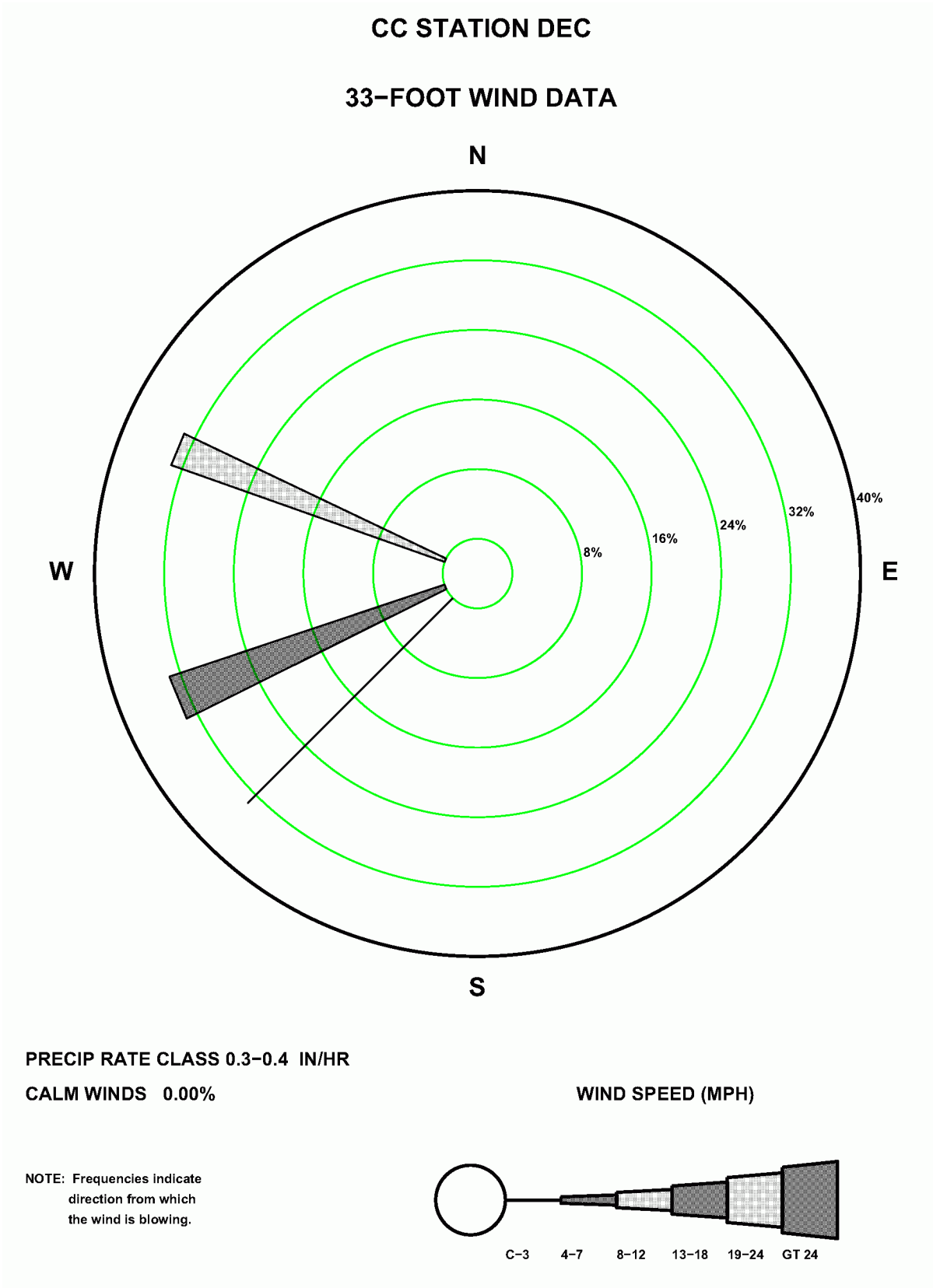
Figure 2.7-99—CCNPP 33 ft December Precipitation Wind Rose for Rate Class 0.3-0.4 in/hr



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